Cisco NBAR2 Protocol Reference

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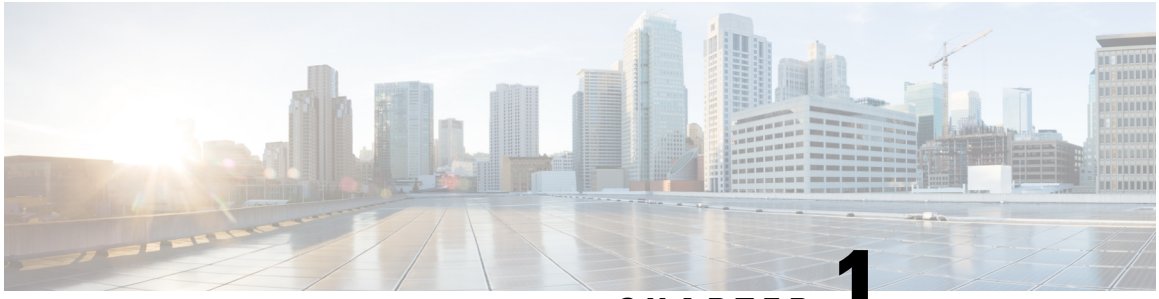

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3COM-AMP3

Name/CLI Keyword	3com-amp3
Full Name	3Com AMP3
Description	Registered with IANA on port 629 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:629
ID	538
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False

Traffic-class	bulk-data
Tunnel	False

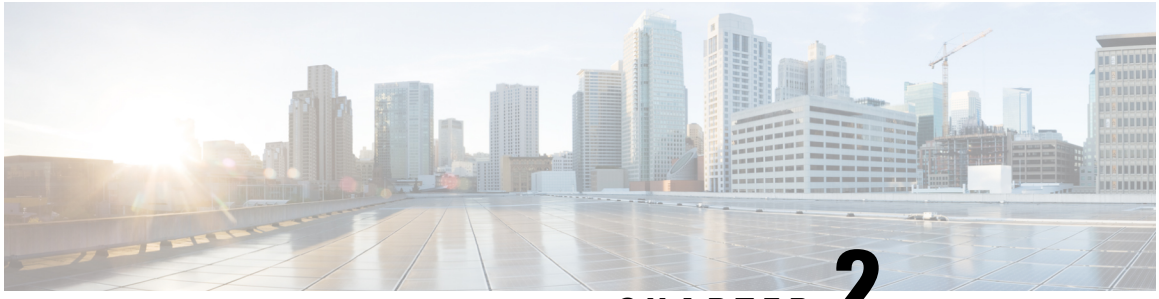
3COM-TSMUX

Name/CLI Keyword	3com-tsmux
Full Name	3Com TSMUX
Description	Registered with IANA on port 106 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:106
ID	977
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

3PC

Name/CLI Keyword	3pc
Full Name	Third Party Connect Protocol
Description	Registered with IANA as IP Protocol 34

Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:34
ID	788
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned



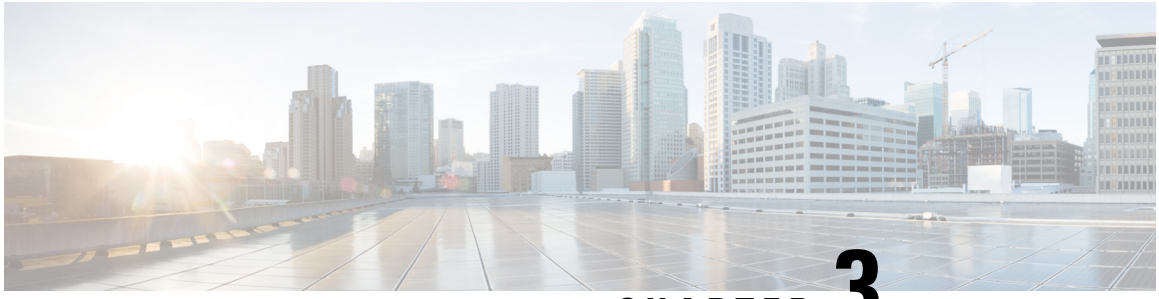
CHAPTER 2

Protocols: 4

- 4CHAN, on page 5

4CHAN

Name/CLI Keyword	4chan
Full Name	4chan
Description	4chan - Website that hosts found images and discussions on them.
Introduced	14.0.0
Deprecated	-
Reference	http://4chan.org
Global ID	13:763
ID	1693
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False



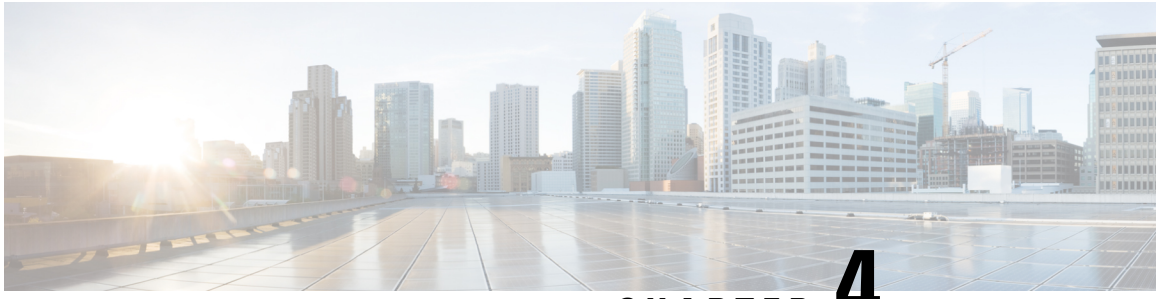
CHAPTER 3

Protocols: 5

- 58-CITY, on page 7

58-CITY

Name/CLI Keyword	58-city
Full Name	58 City
Description	58 City - Classified information about 58 cities in China.
Introduced	14.0.0
Deprecated	-
Reference	http://58.com
Global ID	13:704
ID	1634
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False



CHAPTER 4

Protocols: 9

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- 9PFS, on page 10

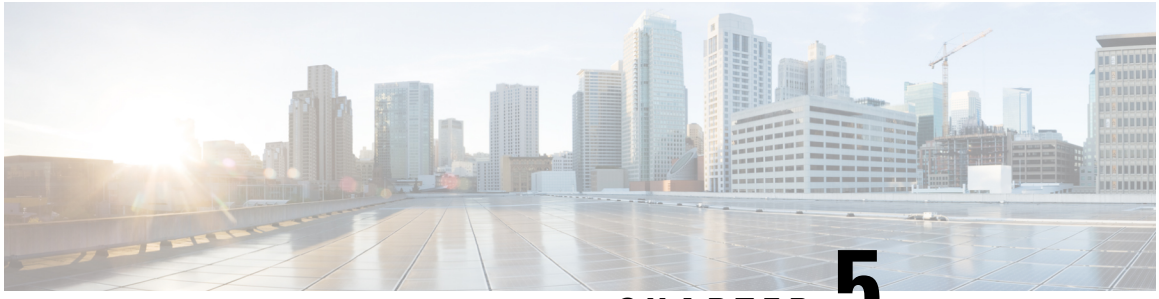
914C/G

Name/CLI Keyword	914c/g
Full Name	Texas Instruments 914 Terminal
Description	Registered with IANA on port 211 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:211
ID	1109
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt

Tunnel	False

9PFS

Name/CLI Keyword	9pfs
Full Name	9P
Description	9P (or the Plan 9 Filesystem Protocol or Styx) is a network protocol developed for the Plan 9 from Bell Labs distributed operating system as the means of connecting the components of a Plan 9 system. Files are key objects in Plan 9. They represent windows, network connections, processes, and almost anything else available in the operating system. Unlike NFS, 9P encourages caching and also serving synthetic files.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/9P
Global ID	3:564
ID	479
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False



CHAPTER 5

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ABC-NEWS

Name/CLI Keyword	abc-news
Full Name	ABC
Description	ABC - Web Portal for television network.
Introduced	-
Deprecated	-
Reference	http://abc.com

Global ID	13:721
ID	1651
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ACAP

Name/CLI Keyword	acap
Full Name	ACAP
Description	The Application Configuration Access Protocol (ACAP) is a protocol for storing and synchronizing general configuration and preference data. It was originally developed so that IMAP clients can easily access address books, user options, and other data on a central server and be kept in sync across all clients.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc2244.txt
Global ID	3:674
ID	582
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant

Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

ACAS

Name/CLI Keyword	acas
Full Name	ACA Services
Description	Registered with IANA on port 62 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:62
ID	939
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ACCESSBUILDER

Name/CLI Keyword	accessbuilder
Full Name	AccessBuilder
Description	AccessBuilder (Access Builder) is a family of dial-in remote access servers that give mobile computer users and remote office workers full access to workgroup, departmental, and enterprise network resources. Remote users dial into AccessBuilder via analog or digital connections to get direct, transparent links to Ethernet and Token Ring LANs-just as if they were connected locally. AccessBuilder products support a broad range of computing platforms, network operating systems, and protocols to fit a variety of network environments. They provide multi-protocol bridging and routing for wide area Client-to-LAN connections and remote LAN extensions to the central site.
Introduced	-
Deprecated	-
Reference	http://www.all3com.com/accessbuilder.html
Global ID	3:888
ID	662
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ACCESSNETWORK

Name/CLI Keyword	accessnetwork
Full Name	Access Network

Description	Registered with IANA on port 699 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:699
ID	607
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ACCUWEATHER

Name/CLI Keyword	accuweather
Full Name	AccuWeather
Description	AccuWeather - Weather forecasting website.
Introduced	-
Deprecated	-
Reference	http://accuweather.com
Global ID	13:680
ID	1610
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ACP

Name/CLI Keyword	acp
Full Name	Aeolon Core Protocol
Description	Registered with IANA on port 599 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:599
ID	513
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ACR-NEMA

Name/CLI Keyword	acr-nema
Full Name	ACR-NEMA Digital Img
Description	ACR-NEMA Digital Img is a standard for handling, storing, printing, and transmitting information in medical imaging.
Introduced	-
Deprecated	-
Reference	http://medical.nema.org/Dicom/2011/11_01pu.pdf
Global ID	3:104
ID	975
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ACTIVE-DIRECTORY

Name/CLI Keyword	active-directory
Full Name	Active Directory
Description	Active-Directory (AD) is a directory service created by Microsoft for Windows domain networks, responsible for authenticating and authorizing all users and computers within a network of Windows domain type, assigning and enforcing security policies for all computers in a network and installing or updating software on network computers

Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Active_Directory
Global ID	13:473
ID	1194
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	True
Traffic-class	ops-admin-mgmt
Tunnel	False

ACTIVESYNC

Name/CLI Keyword	activesync
Full Name	ActiveSync
Description	ActiveSync is a mobile data synchronization technology and protocol based on HTTP, developed by Microsoft. One implementation of the technology is that it synchronizes data and information with handheld devices and a specific desktop computer. The other technology, commonly known as Exchange ActiveSync (EAS), provides push synchronization of contacts, calendars, tasks, and email between ActiveSync-enabled servers and devices.
Introduced	-
Deprecated	-
Reference	http://msdn.microsoft.com/en-us/library/dd299446(v=exchg.80).aspx
Global ID	13:490
ID	1419

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	business-and-productivity-tools
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

ADCASH

Name/CLI Keyword	adcash
Full Name	Adcash
Description	Adcash - Advertising network.
Introduced	14.0.0
Deprecated	-
Reference	http://adcash.com
Global ID	13:616
ID	1064
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False

Traffic-class	transactional-data
Tunnel	False

ADDTHIS

Name/CLI Keyword	addthis
Full Name	AddThis
Description	AddThis - Social bookmarking service.
Introduced	14.0.0
Deprecated	-
Reference	http://addthis.com
Global ID	13:683
ID	1613
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ADOBE-CONNECT

Name/CLI Keyword	adobe-connect
Full Name	Web Conferencing Solution For Web Meetings
Description	Adobe Connect is a web conferencing platform for web meetings, eLearning and webinars.

Introduced	-
Deprecated	-
Reference	http://www.adobe.com/products/adobeconnect.html
Global ID	13:505
ID	1441
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

ADOBE-SERVICES

Name/CLI Keyword	adobe-services
Full Name	Adobe Services
Description	Set of tools and APIs used by Adobe Applications
Introduced	36.0.0
Deprecated	-
Reference	http://www.adobe.com
Global ID	13:1203
ID	1203
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-relevant
Category	browsing
Sub Category	enterprise-cloud-services
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

ADP

Name/CLI Keyword	adp
Full Name	ADP
Description	Human resources management software and services.
Introduced	35.0.0
Deprecated	-
Reference	www.adp.com
Global ID	13:1185
ID	1185
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	adp-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	unassigned
Traffic-class	transactional-data
Tunnel	False

ADWEEK

Name/CLI Keyword	adweek
Full Name	Adweek
Description	Adweek - Marketing, Media and advertising news.
Introduced	14.0.0
Deprecated	-
Reference	http://adweek.com
Global ID	13:718
ID	1648
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

AED-512

Name/CLI Keyword	aed-512
Full Name	AED 512 Emulation service
Description	Registered with IANA on port 149 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml

Global ID	3:149
ID	963
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

AFPOVERTCP

Name/CLI Keyword	afpovertcp
Full Name	AFP over TCP
Description	Apple Filing Protocol (AFP) is a proprietary network protocol that offers file services for Mac OS X and original Mac OS.
Introduced	-
Deprecated	-
Reference	https://developer.apple.com/library/mac/#documentation/Networking/Conceptual/AFP/Introduction/Introduction.html
Global ID	3:548
ID	1327
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	backup-and-storage

Sub Category	backup-systems
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

AGENTX

Name/CLI Keyword	agentx
Full Name	AgentX
Description	AgentX is a protocol used to communicate between processing entities called master, agents and subagents, and the elements of procedure by which the extensible agent processes SNMP protocol messages.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc2741.txt
Global ID	3:705
ID	609
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	snmp-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

AIRBNB

Name/CLI Keyword	airbnb
Full Name	Airbnb
Description	Airbnb - Online accommodation rental service.
Introduced	14.0.0
Deprecated	-
Reference	http://airbnb.com
Global ID	13:735
ID	1665
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

AIRPLAY

Name/CLI Keyword	airplay
Full Name	AirPlay
Description	AirPlay (previously called AirTunes) is a proprietary protocol stack/suite developed by Apple Inc. that allows wireless streaming of audio, video and photos, together with related metadata between devices.
Introduced	-
Deprecated	-

Reference	http://www.apple.com/airplay/
Global ID	13:549
ID	1483
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	unassigned
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

AKAMAI

Name/CLI Keyword	akamai
Full Name	Akamai
Description	Akamai Technologies, Inc. is an American content delivery network (CDN) and cloud services provider. The company operates a network of servers around the world and rents capacity on these servers to customers who want their websites to work faster by distributing content from locations close to the user.
Introduced	34.0.0
Deprecated	-
Reference	https://www.akamai.com/
Global ID	13:1171
ID	1171
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-irrelevant
Category	browsing
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

ALIWANGWANG

Name/CLI Keyword	aliwangwang
Full Name	AliWangwang
Description	AliWangwang is a free instant messenger for Alibaba.com and Taobao.com members. It allows text, voice and video chat between buyers and sellers who use Alibaba web e-commerce services. The English version of AliWangwang is called TradeManager.
Introduced	10.0.0
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Taobao
Global ID	13:581
ID	1520
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data

Tunnel	False

ALLRECIPES

Name/CLI Keyword	allrecipes
Full Name	AllRecipes
Description	AllRecipes - Recipes and cooking guide.
Introduced	14.0.0
Deprecated	-
Reference	http://allrecipes.com
Global ID	13:741
ID	1671
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ALPES

Name/CLI Keyword	alpes
Full Name	Administration Delocalisee Par Emissions Securisee (remote administration using secured messages)

Description	ALPES is a client server protocol build on top of TCP. Its main goal is to secure the administration of a network of computers by transferring configuration text files between an information server and its clients and executing programs on them.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/id/draft-durand-alpes-00.txt
Global ID	3:463
ID	377
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

AMANDA

Name/CLI Keyword	amanda
Full Name	Advanced Maryland Automatic Network Disk Archiver
Description	Advanced Maryland Automatic Network Disk Archiver
Introduced	-
Deprecated	-
Reference	http://amanda.org/
Global ID	3:10080
ID	1492

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

AMAZON

Name/CLI Keyword	amazon
Full Name	Amazon
Description	A collection of services offered by Amazon.
Introduced	12.0.0
Deprecated	-
Reference	http://www.amazon.com
Global ID	13:830
ID	1760
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	amazon-group
Business Relevance	business-irrelevant
Category	browsing
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True

Traffic-class	bulk-data
Tunnel	False

AMAZON-CHIME

Name/CLI Keyword	amazon-chime
Full Name	Amazon Chime
Description	Amazon Chime is a service for videoconferencing and chats. Cisco NBAR supports classifying traffic generated by (a) the Amazon Chime application operating on Windows or macOS, and (b) Amazon Chime operating through a web browser.
Introduced	63.0.0
Deprecated	-
Reference	https://aws.amazon.com/chime/
Global ID	13:1282
ID	1282
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

AMAZON-CHIME-MEDIA

Name/CLI Keyword	amazon-chime-media
Full Name	Amazon Chime Media

Description	Media traffic produced by Amazon Chime for video conference meetings and calls.
Introduced	63.0.0
Deprecated	-
Reference	https://aws.amazon.com/chime/
Global ID	13:1283
ID	1283
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

AMAZON-CLOUDFRONT

Name/CLI Keyword	amazon-cloudfront
Full Name	Amazon CloudFront
Description	Amazon CloudFront is a content delivery network offered by Amazon Web Services. Content delivery networks provide a globally-distributed network of proxy servers which cache content.
Introduced	40.0.0
Deprecated	-
Reference	https://aws.amazon.com/cloudfront/
Global ID	13:1249
ID	1249

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	amazon-group
Business Relevance	default
Category	browsing
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

AMAZON-COMPREHEND

Name/CLI Keyword	amazon-comprehend
Full Name	Amazon Comprehend
Description	Amazon Comprehend uses natural language processing (NLP) to extract insights about the content of documents. It develops insights by recognizing the entities, key phrases, language, sentiments, and other common elements in a document.
Introduced	75.0.0
Deprecated	-
Reference	https://aws.amazon.com/comprehend/
Global ID	13:1765
ID	1765
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	amazon-group
Business Relevance	business-relevant
Category	gen-ai
Sub Category	consumer-web-browsing
P2P Technology	False

Encrypted	True
Traffic-class	transactional-data
Tunnel	False

AMAZON-EC2

Name/CLI Keyword	amazon-ec2
Full Name	Amazon EC2
Description	Amazon Elastic Compute Cloud (Amazon EC2) is a web service that provides secure, resizable compute capacity in the cloud. It is designed to make web-scale cloud computing easier for developers.
Introduced	40.0.0
Deprecated	-
Reference	https://aws.amazon.com/ec2
Global ID	13:1247
ID	1247
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	amazon-group
Business Relevance	default
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-data-storage
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

AMAZON-INSTANT-VIDEO

Name/CLI Keyword	amazon-instant-video

Full Name	Amazon Instant Video
Description	Amazon instant video is a VOD service by Amazon, which offers television shows and films for rental and purchase. The service is available only in the US, UK, Germany and Japan.
Introduced	-
Deprecated	-
Reference	http://www.amazon.com/Instant-Video/b?node=2858778011
Global ID	13:602
ID	1541
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	amazon-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

AMAZON-REKOGNITION

Name/CLI Keyword	amazon-rekognition
Full Name	Amazon Rekognition
Description	Amazon Rekognition is a cloud-based service that enables developers to add image and video analysis capabilities to their applications. Its primary purpose is to facilitate the automated detection and recognition of objects, people, text, scenes, and activities within images and videos.
Introduced	75.0.0
Deprecated	-
Reference	https://aws.amazon.com/rekognition/

Global ID	13:1769
ID	1769
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	amazon-group
Business Relevance	business-relevant
Category	gen-ai
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

AMAZON-S3

Name/CLI Keyword	amazon-s3
Full Name	Amazon S3
Description	Amazon S3 provides object storage through web services interfaces (REST, SOAP, and BitTorrent).
Introduced	40.0.0
Deprecated	-
Reference	https://aws.amazon.com/s3/
Global ID	13:1248
ID	1248
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	amazon-group
Business Relevance	default
Category	backup-and-storage
Sub Category	enterprise-cloud-data-storage

P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

AMAZON-SAGEMAKER

Name/CLI Keyword	amazon-sagemaker
Full Name	Amazon SageMaker
Description	Amazon SageMaker is a fully managed service that enables developers and data scientists to build, train, and deploy machine learning models quickly and efficiently.
Introduced	75.0.0
Deprecated	-
Reference	https://aws.amazon.com/sagemaker/
Global ID	13:1490
ID	1490
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	amazon-group
Business Relevance	business-relevant
Category	gen-ai
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

AMAZON-WEB-SERVICES

Name/CLI Keyword	amazon-web-services
Full Name	AWS
Description	Amazon web services is a collection of remote computing services that together make up a cloud computing platform. Amongst its most popular services are EC2 and S3. The service is known for having large capacity and being faster and cheaper than a physical server farm.
Introduced	-
Deprecated	-
Reference	http://aws.amazon.com/
Global ID	13:603
ID	1542
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	amazon-group
Business Relevance	default
Category	backup-and-storage
Sub Category	enterprise-cloud-data-storage
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

AMAZON-WORKSPACES

Name/CLI Keyword	amazon-workspaces
Full Name	Amazon-Workspaces
Description	Amazon WorkSpaces is an Amazon product that provides a cloud-based virtual desktop experience.
Introduced	69.0.0

Deprecated	-
Reference	https://docs.aws.amazon.com/workspaces/
Global ID	13:1803
ID	1803
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	amazon-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

AMEBA

Name/CLI Keyword	ameba
Full Name	Ameba
Description	Ameba - Japanese blogging and social networking website.
Introduced	14.0.0
Deprecated	-
Reference	http://ameba.jp
Global ID	13:695
ID	1625
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant

Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

AMERICAN-EXPRESS

Name/CLI Keyword	american-express
Full Name	American Express
Description	American Express - Financial services company.
Introduced	14.0.0
Deprecated	-
Reference	http://americanexpress.com
Global ID	13:664
ID	1593
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

AMINET

Name/CLI Keyword	aminet
Full Name	AMInet
Description	AMInet Protocol is used for communication and control of Alcorn McBride Inc. products.
Introduced	-
Deprecated	-
Reference	http://www.alcorn.com/library/manuals/man_dvmhd.pdf
Global ID	3:2639
ID	558
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

AN

Name/CLI Keyword	an
Full Name	Active Networks
Description	Active Networks is a networking technology used to enable unique processing of each network packet. This is accomplished by sending the proper processing code along with the payload of each packet, or in a separate control flow. This code can then be executed by certain nodes, called Active Nodes, inside the network.

Introduced	-
Deprecated	-
Reference	http://www.isi.edu/active-signal/ARP/DOCUMENTS/DANCE.ARP.FINAL.pdf
Global ID	1:107
ID	861
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

ANCESTRY-COM

Name/CLI Keyword	ancestry-com
Full Name	Ancestry.com
Description	Ancestry.com - Online family history resource.
Introduced	14.0.0
Deprecated	-
Reference	http://ancestry.com
Global ID	13:742
ID	1672
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ANDROID-UPDATES

Name/CLI Keyword	android-updates
Full Name	Android Updates
Description	Android updates is the OS updating service for Google's Android OS. Most devices are capable of receiving the updates OTA. Due to the extensive variation in hardware of Android devices and the Android OS versions, updates need to be specially tailored for each device or software. Another aspect of this situation is updates don't have a specific source. Currently we support SAMSUNG, LG, HTC and devices with cyanogenmod ROM.
Introduced	11.0.0
Deprecated	-
Reference	http://www.android.com/
Global ID	13:587
ID	1526
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	default
Category	software-updates
Sub Category	os-updates
P2P Technology	False
Encrypted	True

Traffic-class	bulk-data
Tunnel	False

ANET

Name/CLI Keyword	anet
Full Name	ATEXSSTR
Description	Registered with IANA on port 212 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:212
ID	1110
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ANSANOTIFY

Name/CLI Keyword	ansanotify
Full Name	ANSA REX Notify

Description	The Remote EXecution Protocol (REX) provides a simple service for process-to-process interactions across a network, as part of ANSA Engineering Module.
Introduced	-
Deprecated	-
Reference	http://www.ansa.co.uk/ANSATech/89/ANSAREF/Aref_07b.pdf
Global ID	3:116
ID	986
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ANSATRADER

Name/CLI Keyword	ansatrader
Full Name	ANSA REX Trader
Description	ANSAware is an infrastructure for developing and running distributed application. It is available for a number of operating system like SunOS, HP/UX, VMS and MS DOS. A factory server is able to create server processes called capsules, and interfaces for a certain service type dynamically on the local computer node. References to these interfaces are mediated by a server called trader.
Introduced	-
Deprecated	-
Reference	http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.42.275&rep=rep1&type=pdf

Global ID	3:124
ID	993
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ANY-HOST-INTERNAL

Name/CLI Keyword	any-host-internal
Full Name	Any Host Internal Protocol
Description	Registered with IANA as IP Protocol 61
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:61
ID	815
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

AODV

Name/CLI Keyword	aodv
Full Name	AODV
Description	Ad hoc On-Demand Distance Vector (AODV) is a routing protocol for mobile ad hoc networks (MANETs) and other wireless ad-hoc networks.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc3561.txt
Global ID	3:654
ID	563
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

AOL-MESSENGER

Name/CLI Keyword	aol-messenger

Full Name	AIM Text Chat
Description	AOL Instant Messenger Text Chat is the instant messaging part of AOL Instant Messenger, a software that allows users to communicate either through AIM contacts or Facebook/Google-talk contacts and share photos. AIM uses mixed protocols to support its rich feature sets, which include OSCAR, HTTP, STUN, UDP, TCP as well as SIP / RTP.
Introduced	-
Deprecated	32.0.0
Reference	http://www.aim.com/
Global ID	13:79
ID	79
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	aol-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

AOL-MESSENGER-AUDIO

Name/CLI Keyword	aol-messenger-audio
Full Name	AIM Audio
Description	AOL Instant Messenger (AIM) Audio Calls classification. Flows can be over TCP or over UDP if the two clients are on the same network. AIM uses RTP over STUN to send audio data over UDP.
Introduced	-
Deprecated	32.0.0
Reference	http://www.aim.com/

Global ID	13:500
ID	1436
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	aol-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	voip-telephony
Tunnel	False

AOL-MESSENGER-FT

Name/CLI Keyword	aol-messenger-ft
Full Name	AIM File Transfer
Description	AOL Instant Messenger File transfer flows classification. AIM File transfer flows Flows are TCP flows.
Introduced	-
Deprecated	38.0.0
Reference	http://www.aim.com
Global ID	13:502
ID	1438
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	aol-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	consumer-multimedia-messaging

P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

AOL-MESSENGER-VIDEO

Name/CLI Keyword	aol-messenger-video
Full Name	AIM Video
Description	AOL Instant Messenger (AIM) video calls classification. Flows can run over TCP or over UDP if the two clients are on the same network. It uses RTP over STUN to send video data over UDP.
Introduced	-
Deprecated	32.0.0
Reference	http://www.aim.com/
Global ID	13:501
ID	1437
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	aol-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

AOL-PROTOCOL

Name/CLI Keyword	aol-protocol
Full Name	AOL Protocol
Description	AOL-Protocol (also known as OSCAR) is an underlying protocol used in AIM and ICQ.
Introduced	-
Deprecated	-
Reference	http://daol.aol.com/software/aoldesktop97
Global ID	3:5190
ID	1224
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	aol-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

APC-POWERCHUTE

Name/CLI Keyword	apc-powerchute
Full Name	American Power Conversion PowerChute
Description	PowerChute is a computer program by American Power Conversion (APC) used to control the uninterruptible power supplies (UPS) the company produces. It provides unattended shutdown of servers and workstations in the event of an extended power outage. It also monitors and logs the UPS status.
Introduced	-

Deprecated	-
Reference	http://www.apc.com/
Global ID	3:2160
ID	1374
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

APERTUS-LDP

Name/CLI Keyword	apertus-ldp
Full Name	Apertus Tech Load Distribution
Description	Registered with IANA on port 539 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:539
ID	457
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

APPLE-APP-STORE

Name/CLI Keyword	apple-app-store
Full Name	Apple App Store
Description	Apple App Store is a digital distribution platform for iOS/OS X applications, developed by Apple Inc. The service allows users to browse, download and update applications into their MAC/Apple devices.
Introduced	11.0.0
Deprecated	-
Reference	http://www.apple.com/osx/apps/app-store.html,http://www.apple.com/itunes/features/#store
Global ID	13:588
ID	1527
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group
Business Relevance	default
Category	software-updates
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

APPLE-IOS-UPDATES

Name/CLI Keyword	apple-ios-updates
Full Name	Apple iOS updates
Description	Apple iOS updates is a service that provides updates for the iOS operating system and its installed components.
Introduced	11.0.0
Deprecated	-
Reference	http://www.apple.com/softwareupdate/
Global ID	13:586
ID	1525
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group
Business Relevance	default
Category	software-updates
Sub Category	os-updates
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

APPLE-LOCATION-SERVICES

Name/CLI Keyword	apple-location-services
Full Name	Apple Location Services
Description	Apple Location Services allows Apple and third-party apps and websites to gather and use information based on the current location of your iPhone or Apple Watch to provide a variety of location-based services.
Introduced	39.0.0

Deprecated	-
Reference	https://www.apple.com/
Global ID	13:294
ID	294
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group
Business Relevance	default
Category	location-based-services
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

APPLE-PAY

Name/CLI Keyword	apple-pay
Full Name	Apple Pay
Description	Apple Pay is a mobile payment and digital wallet service by Apple Inc. that lets users make payments using an iPhone, Apple Watch, iPad or Mac.
Introduced	31.0.0
Deprecated	-
Reference	https://www.apple.com/apple-pay/
Global ID	13:1117
ID	1117
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group
Business Relevance	business-irrelevant

Category	consumer-internet
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

APPLE-PUSH-NOTIFICATION

Name/CLI Keyword	apple-push-notification
Full Name	APNs
Description	Apple Push Notification Service (APNs) is a platform notification service created by Apple Inc. that enables third party application developers to send notification data to applications installed on Apple devices.
Introduced	34.0.0
Deprecated	-
Reference	https://developer.apple.com/go/?id=push-notifications
Global ID	13:1169
ID	1169
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

APPLE-REMOTE-DESKTOP

Name/CLI Keyword	apple-remote-desktop
Full Name	Apple Remote Desktop(ARD)
Description	Apple Remote Desktop (ARD), is a desktop management system for Mac OS X produced by Apple Inc. which allows users to remotely control or monitor other computers over a network. Apple Remote Desktop replaced a similar product called Apple Network Assistant.
Introduced	-
Deprecated	-
Reference	http://www.apple.com/remotedesktop/
Global ID	3:3283
ID	1475
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

APPLE-SERVICES

Name/CLI Keyword	apple-services
Full Name	Apple Services
Description	apple-services is a set of tools and APIs used by Apple applications. such as: AppStore, apple website and etc.
Introduced	-

Deprecated	-
Reference	http://www.apple.com
Global ID	13:577
ID	1516
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

APPLE-TV-UPDATES

Name/CLI Keyword	apple-tv-updates
Full Name	Apple TV Updates
Description	AppleTV updates is a service that provides updates for the AppleTV operating system and its installed components.
Introduced	11.0.0
Deprecated	-
Reference	http://www.apple.com/softwareupdate/
Global ID	13:593
ID	1532
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group
Business Relevance	default

Category	software-updates
Sub Category	os-updates
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

APPLE-UPDATES

Name/CLI Keyword	apple-updates
Full Name	Apple Updates
Description	Apple updates is the service that provides updates for Apple platforms and applications.
Introduced	31.0.0
Deprecated	-
Reference	https://support.apple.com/downloads/
Global ID	13:1095
ID	1095
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group
Business Relevance	default
Category	software-updates
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

APPLEJUICE

Name/CLI Keyword	applejuice
Full Name	AppleJuice P2P File Sharing
Description	Apple juice P2P file sharing is a semi-centralized peer-to-peer file sharing network. The network is decentralized over many servers. It offers server and client software for Applejuicenet. The Applejuicenet is used for content distribution with a given Hashlink. The system has a built-in search tool to search servers for keywords.
Introduced	-
Deprecated	-
Reference	http://www.applejuicenet.de/
Global ID	3:9022
ID	1375
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

APPLEQTC

Name/CLI Keyword	appleqtc
Full Name	Apple QuickTime

Description	Apple QuickTime is an extensible proprietary multimedia framework developed by Apple Inc., capable of handling various formats of digital video, picture, sound, panoramic images, and interactivity. QuickTime is available for Windows XP and later, as well as Mac OS X Leopard and later operating systems.
Introduced	-
Deprecated	-
Reference	http://www.apple.com/quicktime/
Global ID	3:458
ID	92
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

APPLEQTCSRVR

Name/CLI Keyword	appleqtcsrvr
Full Name	Appleqtcsrvr
Description	Registered with IANA on port 545 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:545
ID	463

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

APPLIX

Name/CLI Keyword	applix
Full Name	Applix ac
Description	Registered with IANA on port 999 UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	13:264
ID	680
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False

Traffic-class	bulk-data
Tunnel	False

ARCISDMS

Name/CLI Keyword	arcisdms
Full Name	Arcisdms
Description	Registered with IANA on port 262 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:262
ID	1134
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ARES

Name/CLI Keyword	ares
Full Name	Ares

Description	Ares is a P2P network which was originally operating on the Gnutella network. After that, it switched to its own network with a leaves-and-super nodes architecture. Ares Galaxy, which is an open source P2P software, is the main client which makes use of Ares network.
Introduced	-
Deprecated	60.0.0
Reference	http://aresgalaxy.sourceforge.net/
Global ID	13:565
ID	1502
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ARGUS

Name/CLI Keyword	argus
Full Name	Argus
Description	Registered with IANA as IP Protocol 13
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:13
ID	768

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

ARIEL1

Name/CLI Keyword	ariel1
Full Name	Ariel1
Description	Ariel is a client/server application developed to facilitate transfer of documents between libraries that are located in different geographical locations.
Introduced	-
Deprecated	-
Reference	http://www.infotrieve.com/sites/default/files/ariel-userguide-4-1.pdf
Global ID	3:419
ID	334
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False

Traffic-class	bulk-data
Tunnel	False

ARIEL2

Name/CLI Keyword	ariel2
Full Name	Ariel2
Description	Ariel allows users to send high-detail electronic images to other Ariel workstations anywhere in the world, using either FTP or email, converting the images to PDF files for easy delivery.
Introduced	-
Deprecated	-
Reference	http://www.infotrieve.com/ariel-interlibrary-loan-software
Global ID	3:421
ID	336
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ARIEL3

Name/CLI Keyword	ariel3
Full Name	Ariel3

Description	Ariel allows users to send high-detail electronic images to other Ariel workstations anywhere in the world, using either FTP or email, converting the images to PDF files for easy delivery.
Introduced	-
Deprecated	-
Reference	http://www.infotrieve.com/ariel-interlibrary-loan-software
Global ID	3:422
ID	337
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ARIS

Name/CLI Keyword	aris
Full Name	Aggregate Route-based IP Switching
Description	Aggregate Route-Based IP Switching (ARIS) establishes switched paths through a network, leveraging the advantages of switching technologies in an internet network.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/draft-viswanathan-aris-overview-00
Global ID	1:104
ID	858

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

ARNS

Name/CLI Keyword	arns
Full Name	Adaptive Receive Node Scheduling
Description	Registered with IANA on port 384 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:384
ID	300
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False

Traffic-class	bulk-data
Tunnel	False

ART-NET

Name/CLI Keyword	art-net
Full Name	Art-Net
Description	Art-Net is a communications protocol that transmits DMX512 (a communication standard for controlling lighting and effects) and remote device management (RDM) lighting data over a network.
Introduced	61.0.0
Deprecated	-
Reference	https://art-net.org.uk/
Global ID	13:1278
ID	1278
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

ARUBA-PAPI

Name/CLI Keyword	aruba-papi
Full Name	PAPI

Description	Process Application Programming Interface (PAPI) is used by Aruba Networks in their network management tools to control and manage access points.
Introduced	-
Deprecated	-
Reference	http://papi.rediris.es/
Global ID	3:8211
ID	1328
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

AS-SERVERMAP

Name/CLI Keyword	as-servermap
Full Name	AS Server Mapper
Description	The server mapper daemon is a batch job that runs in some IBM subsystems. It provides a method for client applications to determine the port number associated with a particular server.
Introduced	-
Deprecated	-
Reference	http://publib.boulder.ibm.com/infocenter/iseries/v5r4/index.jsp?topic=%2Frzaii%2Frzaiidaemon.htm
Global ID	3:449
ID	364

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ASA

Name/CLI Keyword	asa
Full Name	ASA MROD
Description	Registered with IANA on port 386 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:386
ID	302
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False

Traffic-class	bulk-data
Tunnel	False

ASA-APPL-PROTO

Name/CLI Keyword	asa-appl-proto
Full Name	ASA Application Protocol
Description	Registered with IANA on port 502 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:502
ID	416
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ASIP-WEBADMIN

Name/CLI Keyword	asip-webadmin
Full Name	AppleShare IP WebAdmin

Description	AppleShare is a product from Apple which implemented various network services such as file server, a print server, web server, electronic mail server. AppleShare IP is a version of AppleShare that supports the use of TCP/IP protocol stack. AppleShare IP WebAdmin is the remote administration service of AppleShare IP where an administrator can perform administrative operations using a web browser.
Introduced	-
Deprecated	-
Reference	http://support.apple.com/kb/TA26109?viewlocale=en_US
Global ID	3:311
ID	1151
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

ASIPREGISTRY

Name/CLI Keyword	asipregistry
Full Name	ASIP Registry
Description	Registered with IANA on port 687 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:687

ID	595
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

ASK-COM

Name/CLI Keyword	ask-com
Full Name	Ask.com
Description	Ask.com - Search engine.
Introduced	14.0.0
Deprecated	-
Reference	http://ask.com
Global ID	13:607
ID	755
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False

Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ASUS

Name/CLI Keyword	asus
Full Name	Asus
Description	Asus - Manufacturer of PCs and PC components.
Introduced	14.0.0
Deprecated	-
Reference	http://asus.com
Global ID	13:762
ID	1692
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

AT-3

Name/CLI Keyword	at-3
Full Name	AppleTalk Unused
Description	Registered with IANA on port 203 TCP/UDP

Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:203
ID	1101
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-talk-group
Business Relevance	default
Category	layer3-over-ip
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

AT-5

Name/CLI Keyword	at-5
Full Name	AppleTalk Unused
Description	Registered with IANA on port 205 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:205
ID	1103
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	apple-talk-group
Business Relevance	default
Category	layer3-over-ip
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

AT-7

Name/CLI Keyword	at-7
Full Name	AppleTalk Unused
Description	Registered with IANA on port 207 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:207
ID	1105
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-talk-group
Business Relevance	default
Category	layer3-over-ip
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

AT-8

Name/CLI Keyword	at-8
Full Name	AppleTalk Unused
Description	Registered with IANA on port 208 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:208
ID	1106
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-talk-group
Business Relevance	default
Category	layer3-over-ip
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

AT-ECHO

Name/CLI Keyword	at-echo
Full Name	AppleTalk Echo
Description	AppleTalk Echo Protocol (AEP) is a transport layer protocol designed to test the reachability of network nodes. AEP generates packets to be sent to the network node and is identified in the Type field of a packet as an AEP packet.
Introduced	-

Deprecated	-
Reference	http://en.wikipedia.org/wiki/AppleTalk#AppleTalk_Echo_Protocol
Global ID	3:204
ID	1102
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-talk-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

AT-NBP

Name/CLI Keyword	at-nbp
Full Name	AppleTalk Name Binding
Description	AppleTalk Name Binding (NBP) was a dynamic, distributed system for managing AppleTalk names. When a service started up on a machine, it registered a name for itself as chosen by a human administrator.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/AppleTalk#Name_Binding_Protocol
Global ID	3:202
ID	1100
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-talk-group

Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

AT-RTMP

Name/CLI Keyword	at-rtmp
Full Name	AppleTalk RTMP
Description	The AppleTalk Routing Table Maintenance Protocol (RTMP) was the protocol by which routers kept each other informed about the topology of the network.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/AppleTalk#Routing_Table_Maintenance_Protocol
Global ID	3:201
ID	1099
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-talk-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

AT-ZIS

Name/CLI Keyword	at-zis
Full Name	AppleTalk ZIP
Description	The Zone Information Protocol was the protocol by which AppleTalk network numbers were associated with zone names. A zone was a subdivision of the network that made sense to humans. While a network number had to be assigned to a topologically-contiguous section of the network, a zone could include several different discontiguous portions of the network.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/AppleTalk#Zone_Information_Protocol
Global ID	3:206
ID	1104
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-talk-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

ATLASSIAN

Name/CLI Keyword	atlassian
Full Name	Atlassian
Description	Atlassian - Project Control and Management Software.
Introduced	14.0.0

Deprecated	-
Reference	http://atlassian.com
Global ID	13:769
ID	1699
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	atlassian-group
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ATT-WEB-SERVICES

Name/CLI Keyword	att-web-services
Full Name	AT&T Web Services
Description	ATT - Telecom and Internet provider.
Introduced	14.0.0
Deprecated	-
Reference	http://att.com
Global ID	13:698
ID	1628
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant

Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

AUDIBLE-COM

Name/CLI Keyword	audible-com
Full Name	Audible.com
Description	Audible.com - Digital audio version for books, magazines, information and more.
Introduced	14.0.0
Deprecated	-
Reference	http://audible.com
Global ID	13:730
ID	1660
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

AUDIO-OVER-HTTP

Name/CLI Keyword	audio-over-http
Full Name	Audio Over HTTP
Description	Audio over HTTP represents a classification of transferring Audio data (such as radio and audio) streaming over the HTTP protocol. If a flow is classified as a more specific protocol, it will not be classified by audio-over-http.
Introduced	-
Deprecated	-
Reference	N A
Global ID	13:430
ID	120
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	voice-and-video
Sub Category	enterprise-rich-media-content
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

AUDIT

Name/CLI Keyword	audit
Full Name	Unisys Audit SITP
Description	Registered with IANA on port 182 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:182
ID	1025
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

AUDITD

Name/CLI Keyword	auditd
Full Name	Digital Audit daemon
Description	The audit daemon, auditd, operates as a server, monitoring /dev/audit for local audit data, monitoring a known port for data from remote cooperating audit daemons, and monitoring an AF_UNIX socket for input from the system administrator.
Introduced	-
Deprecated	-
Reference	http://h30097.www3.hp.com/docs/base_doc/DOCUMENTATION/V51_HTML/MAN/MAN8/0030____.HTM
Global ID	3:48
ID	928
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

AURORA-CMGR

Name/CLI Keyword	aurora-cmgr
Full Name	Aurora CMGR
Description	Registered with IANA on port 364 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:364
ID	280
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

AURP

Name/CLI Keyword	aurp
Full Name	AppleTalk Update-based Routing Protocol
Description	The AppleTalk Update-based Routing Protocol (AURP) provides wide area routing enhancements to the AppleTalk routing protocols and is fully compatible with AppleTalk Phase 2.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1504
Global ID	3:387
ID	303
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	True

AUTH

Name/CLI Keyword	auth
Full Name	Authentication Service
Description	The Identification Protocol (formerly called the Authentication Server Protocol) provides a means to determine the identity of a user of a particular TCP connection. Given a TCP port number pair, it returns a character string which identifies the owner of that connection on the server's system.

Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc1413.txt
Global ID	3:113
ID	983
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

AUTH-SERVICE

Name/CLI Keyword	auth-service
Full Name	Auth service
Description	authentication service
Introduced	-
Deprecated	-
Reference	https://en.wikipedia.org/wiki/Authentication_protocol
Global ID	13:823
ID	1755
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ldap-group

Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

AVAST-ANTIVIRUS

Name/CLI Keyword	avast-antivirus
Full Name	Avast Antivirus
Description	Avast Antivirus and security
Introduced	22.0.0
Deprecated	-
Reference	www.avast.com
Global ID	13:1017
ID	1017
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	False
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	False

AVIAN

Name/CLI Keyword	avian
Full Name	Avian
Description	Registered with IANA on port 486 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:486
ID	400
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

AVOCENT

Name/CLI Keyword	avocent
Full Name	Secure Management and Installation Discovery
Description	Registered with IANA on ports 3211,3502,3871 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:3211
ID	1376
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

AWEBER

Name/CLI Keyword	aweber
Full Name	AWeber
Description	Aweber - Email marketing Service.
Introduced	14.0.0
Deprecated	-
Reference	http://aweber.com
Global ID	13:728
ID	1658
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing

Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

AX25

Name/CLI Keyword	ax25
Full Name	AX.25 Frames
Description	AX.25 is a data link layer protocol derived from the X.25 protocol suite and designed for use by amateur radio operators. It is used extensively on amateur packet radio networks. It occupies the first, second, and often the third layers of the OSI networking model, and is responsible for transferring data (encapsulated in packets) between nodes and detecting errors introduced by the communications channel.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/AX.25
Global ID	1:93
ID	847
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

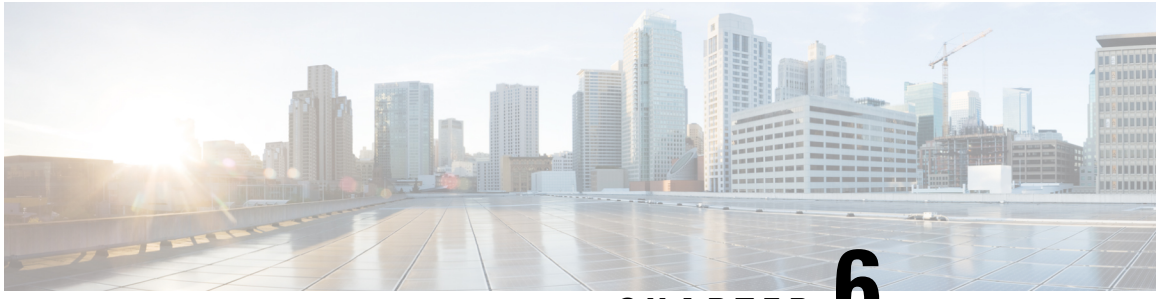
AYIYA-IPV6-TUNNELED

Name/CLI Keyword	ayiya-ipv6-tunneled
Full Name	Ayiya IPv6 Tunneled
Description	Anything In Anything (AYIYA) is a tunneling protocol that connects islands of IP traffic. The protocol in NBAR supports only IPV6 tunneled over IPV4 (not IPV6 over IPV6).
Introduced	-
Deprecated	-
Reference	http://www.sixxs.net/tools/ayiya/
Global ID	13:327
ID	1220
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	True

AZURE-AI

Name/CLI Keyword	azure-ai
Full Name	Azure AI Services
Description	Azure AI services help developers and organizations rapidly create intelligent and market-ready applications with out-of-the-box and prebuilt and customizable APIs and models.
Introduced	75.0.0

Deprecated	-
Reference	https://learn.microsoft.com/en-us/azure/ai-services/
Global ID	13:1774
ID	1774
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	gen-ai
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False



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BABELGUM

Name/CLI Keyword	babelgum
Full Name	Babelgum
Description	Babelgum **was** an internet TV website based on streaming TV shows and music videos. Also supporting Apple mobile devices, including the iPhone, iPod Touch and iPad.
Introduced	-
Deprecated	39.0.0
Reference	http://www.babelgum.com/
Global ID	13:454
ID	1066
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False

Traffic-class	bulk-data
Tunnel	False

BACKPAGE

Name/CLI Keyword	backpage
Full Name	Backpage.com
Description	Backpage.com - Free classified ads.
Introduced	-
Deprecated	66.0.0
Reference	http://backpage.com
Global ID	13:760
ID	1690
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

BACKUP-SERVICE

Name/CLI Keyword	backup-service
Full Name	Backup Service
Description	Backup Software Services
Introduced	20.0.0

Deprecated	-
Reference	https://en.wikipedia.org/wiki/Backup_software
Global ID	13:1757
ID	1757
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	backup-and-storage
Sub Category	enterprise-data-center-storage
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

BACNET

Name/CLI Keyword	bacnet
Full Name	BACnet
Description	Building Automation and Control Networks (BACnet) is a communications protocol designed to allow communication of building automation and control systems for applications such as heating, ventilating, air-conditioning control, lighting control, access control, and fire detection systems and their associated equipment.
Introduced	-
Deprecated	-
Reference	http://www.bacnet.org/
Global ID	3:47808
ID	1330
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

BADOO

Name/CLI Keyword	badoo
Full Name	Badoo
Description	Badoo - Social networking service.
Introduced	14.0.0
Deprecated	-
Reference	http://badoo.com
Global ID	13:684
ID	1614
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

BAIDU-MOVIE

Name/CLI Keyword	baidu-movie
Full Name	Baidu Movie
Description	Baidu movie is an Internet TV web-based application popular in China.
Introduced	-
Deprecated	-
Reference	http://video.baidu.com/
Global ID	13:442
ID	1043
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

BANDCAMP-COM

Name/CLI Keyword	bandcamp-com
Full Name	Bandcamp
Description	Bandcamp - Explore online music posted by independent artists.
Introduced	14.0.0
Deprecated	-
Reference	http://bandcamp.com

Global ID	13:638
ID	1567
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

BANK-OF-AMERICA

Name/CLI Keyword	bank-of-america
Full Name	Bank of America
Description	Bank of America - Global financial services company.
Introduced	14.0.0
Deprecated	-
Reference	http://bankofamerica.com
Global ID	13:643
ID	1572
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

BANYAN-RPC

Name/CLI Keyword	banyan-rpc
Full Name	Banyan-RPC
Description	Registered with IANA on port 567 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:567
ID	482
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	banyan-group
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

BANYAN-VIP

Name/CLI Keyword	banyan-vip

Full Name	Banyan VIP
Description	Banyan VINES Internet Protocol. Banyan Virtual Integrated Network Service (VINES) was a computer network operating system and the set of computer network protocols it used to talk to client machines on the network. Banyan Systems ran as a collection of services on top of AT&T System 5 Unix, and based its core network protocols on the archetypical Xerox XNS stack.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Banyan_VINES#Protocol_Stack
Global ID	3:573
ID	487
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	banyan-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

BASECAMP

Name/CLI Keyword	basecamp
Full Name	Basecamp
Description	Basecamp - Web based project management tool.
Introduced	14.0.0
Deprecated	-
Reference	http://basecamp.com
Global ID	13:738

ID	1668
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

BB

Name/CLI Keyword	bb
Full Name	Systems and Network Monitoring Tool
Description	Big Brother (BB) is a tool for systems and network monitoring, generally used by system administrators. Big Brother produces HTML pages containing a simple matrix of hosts and tests with red and green dots to denote system status.
Introduced	-
Deprecated	-
Reference	http://www.bb4.com/
Global ID	3:1984
ID	1331
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management

P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

BBC

Name/CLI Keyword	bbc
Full Name	BBC
Description	BBC - Web Portal for news update.
Introduced	14.0.0
Deprecated	-
Reference	http://bbc.com
Global ID	13:621
ID	1464
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

BBNRCCMON

Name/CLI Keyword	bbnrccmon
Full Name	BBN RCC Monitoring

Description	Registered with IANA as IP Protocol 10
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:10
ID	765
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

BDP

Name/CLI Keyword	bdp
Full Name	Multi-link Multi-node PPP Bundle Discovery Protocol
Description	The Bundle Discovery Protocol is used to determine where the Bundle Head is in a Multi-link PPP (MP) Link Control Protocol (LCP) phase. When a user dials into a Remote Access Server (RAS) and negotiates an MP connection in the LCP phase, the RAS must determine if a Bundle Head exists, and if not create it.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc2701
Global ID	3:581
ID	495

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

BFTP

Name/CLI Keyword	bftp
Full Name	BFTP
Description	Background File Transfer Program (BFTP) is a file transfer service that is built upon the third-party transfer model of FTP. It performs file transfer asynchronously and eliminates requirement for a human user to be directly involved at the time that a file transfer takes place.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1068
Global ID	3:152
ID	992
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ftp-group
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

BGMP

Name/CLI Keyword	bgmp
Full Name	BGMP
Description	The Border Gateway Multicast Protocol (BGMP) is an IETF on-going project in an attempt to design a true inter-domain multicast routing protocol. BGMP should be able to scale in order to operate in the global Internet.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc3913.txt
Global ID	3:264
ID	1136
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

BGP

Name/CLI Keyword	bgp
Full Name	BGP
Description	Border Gateway Protocol (BGP) is a protocol designed to share network information (for example network reachability) between autonomous systems (AS). According to the information, the BGP routers build/modify their routing tables. The protocol was designed to replace the Exterior Gateway Protocol (EGP).
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc4274
Global ID	3:179
ID	11
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

BGS-NSI

Name/CLI Keyword	bgs-nsi
Full Name	BGS-NSI
Description	Registered with IANA on port 482 TCP/UDP
Introduced	-

Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:482
ID	396
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

BHEVENT

Name/CLI Keyword	bhevent
Full Name	Bhevent
Description	Registered with IANA on port 357 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:357
ID	273
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

BHFHS

Name/CLI Keyword	bhfhs
Full Name	Bhfhs
Description	Registered with IANA on port 248 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:248
ID	1128
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

BHMDS

Name/CLI Keyword	bhmds
Full Name	BHMD
Description	Registered with IANA on port 310 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:310
ID	1150
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

BILD-DE

Name/CLI Keyword	bild-de
Full Name	Bild.de
Description	Bild.de - Online edition of German tabloid.
Introduced	14.0.0
Deprecated	-
Reference	http://bild.de

Global ID	13:675
ID	1605
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

BINARY-OVER-HTTP

Name/CLI Keyword	binary-over-http
Full Name	Binary over HTTP
Description	Binary over HTTP represents the transfer of binary data (for example, executive and compressed files such as .exe, .zip , and .rar) over HTTP protocol.
Introduced	-
Deprecated	-
Reference	N A
Global ID	13:431
ID	121
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

BING

Name/CLI Keyword	bing
Full Name	Bing
Description	Bing - Microsofts internet search engine.
Introduced	14.0.0
Deprecated	-
Reference	http://bing.com
Global ID	13:465
ID	258
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

BITBUCKET

Name/CLI Keyword	bitbucket
Full Name	Bitbucket

Description	Bitbucket - Source code hosting site.
Introduced	14.0.0
Deprecated	-
Reference	http://bitbucket.org
Global ID	13:746
ID	1676
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	atlassian-group
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

BITCOIN

Name/CLI Keyword	bitcoin
Full Name	Bitcoin
Description	Bitcoin is a worldwide cryptocurrency and digital payment system.
Introduced	33.0.0
Deprecated	-
Reference	https://en.wikipedia.org/wiki/Bitcoin
Global ID	13:1125
ID	1125
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-irrelevant
Category	epayement
Sub Category	other
P2P Technology	True
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

BITLY

Name/CLI Keyword	bitly
Full Name	Bitly
Description	bitly - Web portal for bookmarking and sharing links.
Introduced	14.0.0
Deprecated	-
Reference	http://bitly.com
Global ID	13:693
ID	1623
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

BITTORRENT

Name/CLI Keyword	bittorrent
Full Name	BitTorrent
Description	BitTorrent is a p2p file sharing protocol used for distributing files over the internet. It identifies content by URL and is designed to integrate seamlessly with the web. The BitTorrent protocol is based on a BitTorrent tracker (server) that initializes the connections between the clients (peers).
Introduced	-
Deprecated	-
Reference	http://jonas.nitro.dk/bittorrent/bittorrent-rfc.html
Global ID	13:69
ID	69
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	bittorrent-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

BITTORRENT-NETWORKING

Name/CLI Keyword	bittorrent-networking
Full Name	BitTorrent Networking
Description	BitTorrent Networking is the part of the BitTorrent protocol responsible for acquiring peers from the tracker, DHT network or any other means, and initiating data transfer sessions between the client and these peers.

Introduced	-
Deprecated	-
Reference	http://jonas.nitro.dk/bittorrent/bittorrent-rfc.html
Global ID	13:543
ID	1477
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	bittorrent-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-networking
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

BL-IDM

Name/CLI Keyword	bl-idm
Full Name	Britton Lee IDM
Description	Britton Lee IDM is a protocol developed in the late 1980's as part of the Britton Lee company's relational database system.
Introduced	-
Deprecated	-
Reference	http://archive.computerhistory.org/resources/access/text/2011/09/102685092-05-01.acc.pdf
Global ID	3:142
ID	935
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

BLACKBOARD-COM

Name/CLI Keyword	blackboard-com
Full Name	Blackboard
Description	Blackboard - Online course management system.
Introduced	14.0.0
Deprecated	-
Reference	http://blackboard.com
Global ID	13:747
ID	1677
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

BLAZE-NEWS

Name/CLI Keyword	blaze-news
Full Name	The Blaze
Description	The Blaze - News and Opinion website.
Introduced	14.0.0
Deprecated	-
Reference	http://theblaze.com
Global ID	13:773
ID	1703
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

BLEACHER-REPORT

Name/CLI Keyword	bleacher-report
Full Name	Bleacher Report
Description	Bleacher Report - Web Portal for Sports news update.
Introduced	14.0.0
Deprecated	-
Reference	http://bleacherreport.com

Global ID	13:676
ID	1606
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

BLIZWOW

Name/CLI Keyword	blizwow
Full Name	World of Warcraft
Description	World of warcraft (WOW) is a massive multiplayer online role playing gaming protocol that was developed by Blizzard Entertainment.
Introduced	-
Deprecated	-
Reference	http://us.battle.net/wow/en/
Global ID	3:3724
ID	85
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	gaming
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

BLOGGER

Name/CLI Keyword	blogger
Full Name	Blogger
Description	Blogger is a blog-publishing service that allows private or multi-user blogs. The blogs are hosted by Google at a sub domain of blogspot.com. It enables to create or edit new or existing blog and share it with viewers. in addition it enables features such as: label organization, drag-and-drop template editing interface, reading permissions for private blogs and more.
Introduced	-
Deprecated	-
Reference	http://www.blogger.com/home
Global ID	13:525
ID	1461
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

BLUEHOST

Name/CLI Keyword	bluehost
Full Name	Bluehost
Description	Bluehost - Web hosting portal.
Introduced	14.0.0
Deprecated	-
Reference	http://bluehost.com
Global ID	13:750
ID	1680
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

BMPP

Name/CLI Keyword	bmpp
Full Name	BMPP
Description	BMPP is a protocol for identifying the bulk mail receipt preferences of an e-mail address, which allows bulk e-mailers to discover if a mailbox is willing to accept bulk email.
Introduced	-
Deprecated	-

Reference	http://tools.ietf.org/html/draft-rollo-bmpp-03
Global ID	3:632
ID	541
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

BNA

Name/CLI Keyword	bna
Full Name	BNA
Description	BNA is a software architecture and associated products that connect enterprise servers, V Series information hubs, CTOS workstations, and other devices so that the resources at one can be used at another. These resources include files, programs, and processors.
Introduced	-
Deprecated	-
Reference	http://public.support.unisys.com/aseries/docs/clearpath-mcp-13.1/pdf/37897014-207.pdf
Global ID	1:49
ID	803
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

BNET

Name/CLI Keyword	bnet
Full Name	BNet
Description	BNet, Registered with IANA on port 415 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:415
ID	330
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	gaming
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

BORLAND-DSJ

Name/CLI Keyword	borland-dsj
Full Name	Borland DSJ
Description	Deployment Server for Java (DSJ) is a deployment service. It is a part of Jbuilder, an integrated development environment (IDE) for the programming language Java, originally developed by Borland Software Corporation.
Introduced	-
Deprecated	-
Reference	http://edn.embarcadero.com/article/10158
Global ID	3:707
ID	611
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

BOX

Name/CLI Keyword	box
Full Name	Box
Description	Box is an online file sharing and content management service for businesses.
Introduced	26.0.0
Deprecated	-

Reference	http://www.box.com/
Global ID	13:1074
ID	1074
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	box-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-data-storage
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

BR-SAT-MON

Name/CLI Keyword	br-sat-mon
Full Name	Backroom SATNET Monitoring
Description	Registered with IANA as IP Protocol 76
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:76
ID	830
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other

Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

BRIGHTTALK

Name/CLI Keyword	brighttalk
Full Name	BrightTALK
Description	BrightTalk professional webinar and video solutions
Introduced	34.0.0
Deprecated	-
Reference	http://www.brighttalk.com
Global ID	13:1170
ID	1170
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

BUFFER-COM

Name/CLI Keyword	buffer-com

Full Name	Buffer
Description	Buffer - App to share web pages with social media.
Introduced	14.0.0
Deprecated	-
Reference	http://bufferapp.com
Global ID	13:796
ID	1724
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

BUSINESS-INSIDER

Name/CLI Keyword	business-insider
Full Name	Business Insider
Description	Business Insider - Online news web portal.
Introduced	14.0.0
Deprecated	-
Reference	http://businessinsider.com
Global ID	13:653
ID	1582
IPv4 Support	Yes

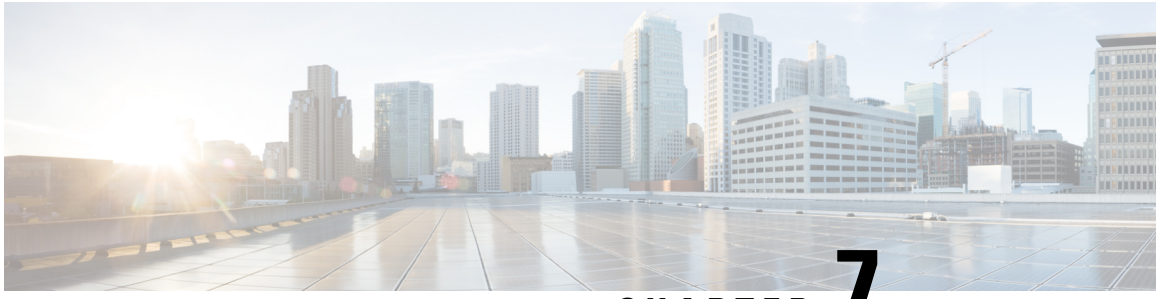
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

BUZZFEED

Name/CLI Keyword	buzzfeed
Full Name	BuzzFeed
Description	BuzzFeed - News portal.
Introduced	14.0.0
Deprecated	-
Reference	http://buzzfed.com
Global ID	13:626
ID	1555
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data

Tunnel	False

BUZZFEED



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CAB-PROTOCOL

Name/CLI Keyword	cab-protocol
Full Name	CAB Protocol
Description	CAB Protocol provides a real estate developer and/or a facility manager with a suite of standardized methods for exchanging real-time data between building automation systems.
Introduced	-
Deprecated	-
Reference	http://tech-env.com/cab.html
Global ID	3:595
ID	509
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

CABLEPORT-AX

Name/CLI Keyword	cableport-ax
Full Name	Cable Port A/X
Description	Registered with IANA on port 282 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:282
ID	1143
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CADLOCK

Name/CLI Keyword	cadlock
Full Name	CadLock
Description	Cadlock is used to access AutoCad drawings protected by CadVault, a CadLock Incorporated product for digital rights management of graphical and non-graphical elements within AutoCAD drawing files.
Introduced	-

Deprecated	-
Reference	http://www.cadlock.com/
Global ID	3:770
ID	640
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CAILIC

Name/CLI Keyword	CAIlic
Full Name	Computer Associates Intl License Server
Description	Registered with IANA on port 216 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:216
ID	1113
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CALIFORNIA-GOV

Name/CLI Keyword	california-gov
Full Name	California.gov
Description	California.gov - California government official website.
Introduced	14.0.0
Deprecated	-
Reference	http://ca.gov
Global ID	13:733
ID	1663
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CALL-OF-DUTY

Name/CLI Keyword	call-of-duty
Full Name	Call of Duty
Description	Call of Duty is a first-person and third-person shooter video game series franchise. The series began on the PC, and later expanded to consoles and handhelds. The Call of Duty games are published and owned by Activision. Users can play together online.
Introduced	-
Deprecated	-
Reference	http://www.callofduty.com/
Global ID	3:20500
ID	1377
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	gaming
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CAPITAL-ONE

Name/CLI Keyword	capital-one
Full Name	Capital One
Description	Capital One - U.S. based bank holding company.
Introduced	14.0.0

Deprecated	-
Reference	http://capitalone.com
Global ID	13:690
ID	1620
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CAPWAP-CONTROL

Name/CLI Keyword	capwap-control
Full Name	CAPWAP
Description	Control And Provisioning of Wireless Access Points (CAPWAP) is a protocol used for Access Controllers (AC) to manage and control Wireless Termination Points (WTPs). CAPWAP is designed to centralize WLANs. CAPWAP control represents the control traffic passed from the WTP to AC or vice versa.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc5415
Global ID	3:5246
ID	1221
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	capwap-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	True
Traffic-class	network-control
Tunnel	True

CAPWAP-DATA

Name/CLI Keyword	capwap-data
Full Name	CAPWAP Data Protocol
Description	Control And Provisioning of Wireless Access Points (CAPWAP) is a protocol used for Access Controllers (AC) to manage and control Wireless Termination Points (WTPs). CAPWAP is designed to centralize WLANs. CAPWAP data represents the data traffic passed from the WTP to AC or vice versa.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc5415
Global ID	3:5247
ID	1325
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	capwap-group
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	False
Encrypted	True

Traffic-class	bulk-data
Tunnel	True

CASSANDRA

Name/CLI Keyword	cassandra
Full Name	Cassandra
Description	Apache Cassandra is an open source distributed database management system designed to handle large amounts of data across many commodity servers, providing high availability with no single point of failure.
Introduced	20.0.0
Deprecated	-
Reference	https://www.cassandradb.org/
Global ID	3:27018
ID	1768
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CBS

Name/CLI Keyword	cbs
Full Name	CBS

Description	CBS - CBS news website.
Introduced	14.0.0
Deprecated	-
Reference	http://cbs.com
Global ID	13:755
ID	1685
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CBS-SPORTS

Name/CLI Keyword	cbs-sports
Full Name	CBS Sports
Description	CBS Sports - Sports news website.
Introduced	14.0.0
Deprecated	-
Reference	http://cbssports.com
Global ID	13:749
ID	1679
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CBT

Name/CLI Keyword	cbt
Full Name	Core-Based Trees
Description	The Core-Based Trees protocol (CBT) is designed to build and maintain a shared multicast distribution tree that spans only those networks and links leading to interested receivers. CBT builds a shared multicast distribution tree per group, and is suited for inter- and intra-domain multicast routing. CBT may use a separate multicast routing table, or it may use that of an underlying unicast routing table, to establish paths between senders and receivers.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc2189.txt
Global ID	1:7
ID	762
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned

Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

CDC

Name/CLI Keyword	cdc
Full Name	Certificate Distribution Center
Description	Registered with IANA on port 223 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:223
ID	1120
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CDDBP-ALT

Name/CLI Keyword	cddbp-alt
Full Name	Compact Disc DataBase Protocol

Description	Compact Disc Database (CDDB) is a database for software applications to look up audio CD (compact disc) information over the Internet. This is performed by a client which calculates a (nearly) unique disc ID and then queries the database. As a result, the client is able to display the artist name, CD title, track list and some additional information.
Introduced	-
Deprecated	-
Reference	http://ftp.freedb.org/pub/freedb/latest/CDDBPROTO
Global ID	3:8880
ID	1378
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CFDPTKT

Name/CLI Keyword	cfdptkt
Full Name	CFDP
Description	The Coherent File Distribution Protocol (CFDP) has been designed to speed up one-to-many file transfer operations that exhibit traffic coherence on media with broadcast capability. Examples of such coherent file transfers are identical diskless workstations booting simultaneously, software upgrades being distributed to more than one machines at a site, a certain "object" (bitmap, graph, plain text, etc.) that is being discussed in a real-time electronic conference or class being sent to all participants, and so on. A CFDP client that wants to receive a file first contacts a server to acquire a "ticket" for the file in question. This server could be a suitably modified BOOTP server, the equivalent of the tftpd daemon, etc. The server responds with a 32-bit ticket that will be used in the actual file transfers.

Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1235
Global ID	3:120
ID	989
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CFTP

Name/CLI Keyword	cftp
Full Name	cFTP
Description	Clients-Oriented File Transfer Protocol (cFTP) is a client-oriented PHP-based file transfer protocol that allows the user to create a repository to send/receive files with multiple clients. The user can create multiple clients accounts with a very easy to use front end, and upload an unlimited number of files under each account, with the ability to add a title and description to each one.
Introduced	-
Deprecated	-
Reference	http://blog.dreamcss.com/dev-tools/cftp-clients-oriented-file-transfer-protocol-ftp/
Global ID	1:62
ID	816
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

CHAOS

Name/CLI Keyword	chaos
Full Name	Chaosnet
Description	CHAOSNet is one of the earliest local area network hardware implementations. The Chaosnet protocol implementation was over CATV coaxial cable modeled on the early Xerox PARC 3 megabit/second Ethernet, over ARPANET, and over Transmission Control Protocol (TCP).
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/CHAOSnet
Global ID	1:16
ID	771
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned

Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

CHARGEN

Name/CLI Keyword	chargen
Full Name	CharGen
Description	The Character Generator Protocol (CHARGEN) is a service of the Internet Protocol Suite. It is intended for testing, debugging, and measurement purposes.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc864.txt
Global ID	3:19
ID	104
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CHASE-BANK

Name/CLI Keyword	chase-bank
Full Name	Chase

Description	Chase - Consumer and commercial banking company.
Introduced	14.0.0
Deprecated	-
Reference	http://chase.com
Global ID	13:635
ID	1564
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CHECKPOINT-CPMI

Name/CLI Keyword	checkpoint-cpmi
Full Name	Checkpoint CPMI
Description	Check Point Management Interface (CPMI) is a proprietary protocol of Check Point Software Technologies. CPMI provides security services for their VPN-1 virtual private network/firewall software. The protocol contributes to Check Point Software's Open Platform for Security (OPSEC), which is a framework for network security. Typically CPMI uses TCP port 18190 as default.
Introduced	-
Deprecated	-
Reference	http://read.pudn.com/downloads142/doc/614417/CPMI.pdf
Global ID	3:18190
ID	1332

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CHSHELL

Name/CLI Keyword	chshell
Full Name	Chshell
Description	Registered with IANA on port 562 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:562
ID	477
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False

Traffic-class	ops-admin-mgmt
Tunnel	False

CIFS

Name/CLI Keyword	cifs
Full Name	CIFS
Description	Common Internet File System (CIFS) is a standard protocol that allows users to share files across intranets and the internet. It is cross platform since it works in Windows OS and is also supported in MAC OS and Linux OS. CIFS protocol defines a remote file system protocol. It is implemented over TCP/IP and utilizes the DNS for scalability and is using Microsoft NetBIOS protocol. The protocols origin is from Microsofts SMB protocol group.
Introduced	-
Deprecated	-
Reference	http://technet.microsoft.com/en-us/library/cc939973.aspx
Global ID	13:80
ID	80
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CIMPLEX

Name/CLI Keyword	cimplex

Full Name	CIMPLEX
Description	Registered with IANA on port 673 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:673
ID	581
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CIRCUIT

Name/CLI Keyword	circuit
Full Name	Circuit
Description	Circuit is unified communications platform formerly known as Project Ansible, a single common platform for all aspects of business communications, from voice and video to messaging, screen sharing and file sharing. Circuit was released by Unify corporation. Circuit is available on Chrome, Firefox, Windows, Mac, Linux, iOS und Android.
Introduced	48.0.0
Deprecated	-
Reference	https://www.circuit.com/

Global ID	13:1266
ID	1266
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	True
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

CIRCUIT-AUDIO

Name/CLI Keyword	circuit-audio
Full Name	Circuit Audio
Description	Audio portion of Circuit video chat or voice call
Introduced	48.0.0
Deprecated	-
Reference	https://www.circuit.com
Global ID	13:1269
ID	1269
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing

P2P Technology	True
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

CIRCUIT-MEDIA

Name/CLI Keyword	circuit-media
Full Name	Circuit Media
Description	Video or audio portion of Circuit call
Introduced	48.0.0
Deprecated	-
Reference	https://www.circuit.com
Global ID	13:1267
ID	1267
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	True
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

CIRCUIT-VIDEO

Name/CLI Keyword	circuit-video
Full Name	Circuit Video

Description	Video portion of Circuit video call
Introduced	48.0.0
Deprecated	-
Reference	https://www.circuit.com
Global ID	13:1268
ID	1268
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	True
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

CISCO-CMX

Name/CLI Keyword	cisco-cmx
Full Name	Cisco CMX
Description	Cisco Connected Mobile Experiences is now a family of products, so you can find the right solution for your business. CMX leverages open-architecture principles, intent-driven work flows, and contextual relevance at the core of the Cisco Digital Network Architecture (DNA) to deliver solutions that extend your network.
Introduced	35.0.0
Deprecated	-
Reference	https://www.cisco.com/c/en/us/solutions/enterprise-networks/connected-mobile-experiences/index.html
Global ID	13:1178

ID	1178
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-services
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

CISCO-COLLAB-AUDIO

Name/CLI Keyword	cisco-collab-audio
Full Name	Cisco Collaboration Audio
Description	Cisco Collaboration Voice by various Cisco unified communication clients.
Introduced	20.0.0
Deprecated	-
Reference	http://ciscospark.com
Global ID	13:815
ID	1759
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False

Encrypted	False
Traffic-class	voip-telephony
Tunnel	False

CISCO-COLLAB-CONTROL

Name/CLI Keyword	cisco-collab-control
Full Name	Cisco Collaboration Control
Description	Cisco Collaboration Control messages by various Cisco clients.
Introduced	20.0.0
Deprecated	-
Reference	http://ciscospark.com
Global ID	13:1764
ID	1764
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

CISCO-COLLAB-VIDEO

Name/CLI Keyword	cisco-collab-video
Full Name	Cisco Collaboration Video
Description	Cisco Collaboration Video by various Cisco unified communication clients.

Introduced	20.0.0
Deprecated	-
Reference	http://ciscospark.com
Global ID	13:1762
ID	1762
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

CISCO-COLLABORATION

Name/CLI Keyword	cisco-collaboration
Full Name	Cisco Collaboration Media
Description	Cisco Collaboration Media - Voice, video and desktop sharing by various Cisco unified communication clients.
Introduced	16.0.0
Deprecated	-
Reference	http://ciscospark.com
Global ID	13:811
ID	1740
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group

Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

CISCO-CONTROLLER

Name/CLI Keyword	cisco-controller
Full Name	Cisco Controller
Description	Cisco network controller device and SDN solutions
Introduced	31.0.0
Deprecated	-
Reference	http://www.cisco.com/c/en/us/solutions/software-defined-networking/overview.html
Global ID	13:1122
ID	1122
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CISCO-CTA

Name/CLI Keyword	cisco-cta
Full Name	Cisco Cognitive Threat Analytics
Description	Cognitive Threat Analytics pinpoints attacks before they can exfiltrate sensitive data. It analyzes web traffic, endpoint data from Cisco AMP for Endpoints, and network data from Cisco Stealthwatch Enterprise. It then uses machine learning to identify malicious activity.
Introduced	39.0.0
Deprecated	-
Reference	https://cognitive.cisco.com/
Global ID	13:395
ID	395
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	internet-security
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CISCO-FNA

Name/CLI Keyword	cisco-fna
Full Name	Cisco FNATIVE
Description	Cisco FNATIVE, Registered with IANA on port 130 TCP/UDP
Introduced	-

Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:130
ID	999
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CISCO-IP-CAMERA

Name/CLI Keyword	cisco-ip-camera
Full Name	Cisco IP Camera
Description	The Cisco Video Surveillance Solution relies on an IP network infrastructure to link all components. The designs of a highly available hierarchical network have been proven and tested for many years and allow applications to converge on an intelligent and resilient infrastructure.
Introduced	-
Deprecated	-
Reference	http://www.cisco.com/en/US/products/ps6712/index.html
Global ID	13:456
ID	1315
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-video-broadcast
P2P Technology	False
Encrypted	False
Traffic-class	broadcast-video
Tunnel	False

CISCO-IP-SLA

Name/CLI Keyword	cisco-ip-sla
Full Name	Cisco IP SLA
Description	IP SLA (Internet Protocol Service Level Agreement) is an active computer network measurement technology
Introduced	28.0.0
Deprecated	-
Reference	https://en.wikipedia.org/wiki/Service_Assurance_Agent
Global ID	13:1076
ID	1076
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

CISCO-JABBER-AUDIO

Name/CLI Keyword	cisco-jabber-audio
Full Name	Cisco Jabber Audio
Description	Cisco Jabber is a unified communications client application that provides presence, instant messaging (IM), voice, and video calling capabilities on many platforms. This protocol classifies the audio calls part of Cisco Jabber
Introduced	-
Deprecated	-
Reference	http://www.cisco.com/web/products/voice/jabber.html
Global ID	13:558
ID	1494
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-jabber-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	voip-telephony
Tunnel	False

CISCO-JABBER-CONTROL

Name/CLI Keyword	cisco-jabber-control
Full Name	Cisco Jabber Control
Description	Cisco Jabber is a unified communications client application that provides presence, instant messaging (IM), voice, and video calling capabilities on many platforms. This protocol classifies the control and signaling part of Cisco Jabber
Introduced	-

Deprecated	-
Reference	http://www.cisco.com/web/products/voice/jabber.html
Global ID	13:556
ID	1498
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-jabber-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

CISCO-JABBER-IM

Name/CLI Keyword	cisco-jabber-im
Full Name	Cisco Jabber IM
Description	Cisco Jabber is a unified communications client application that provides presence, instant messaging (IM), voice, and video calling capabilities on many platforms. This protocol classifies the Text Messaging part of Cisco Jabber
Introduced	-
Deprecated	-
Reference	http://www.cisco.com/web/products/voice/jabber.html
Global ID	13:557
ID	1493
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-jabber-group

Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

CISCO-JABBER-VIDEO

Name/CLI Keyword	cisco-jabber-video
Full Name	Cisco Jabber Video
Description	Cisco Jabber is a unified communications client application that provides presence, instant messaging (IM), voice, and video calling capabilities on many platforms. This protocol classifies the video calls part of Cisco Jabber
Introduced	-
Deprecated	-
Reference	http://www.cisco.com/web/products/voice/jabber.html
Global ID	13:561
ID	1495
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-jabber-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

CISCO-MEDIA-AUDIO

Name/CLI Keyword	cisco-media-audio
Full Name	Cisco Media Audio
Description	Cisco-media is used mainly in corporations and can be used on or off site.
Introduced	20.0.0
Deprecated	72.0.0
Reference	https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-phones/index.html
Global ID	13:1746
ID	1746
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	voip-telephony
Tunnel	False

CISCO-MEDIA-VIDEO

Name/CLI Keyword	cisco-media-video
Full Name	Cisco Media Video
Description	Cisco-media is used mainly in corporations and can be used on or off site.
Introduced	20.0.0
Deprecated	72.0.0

Reference	https://www.cisco.com/c/en/us/products/collaboration-endpoints/ip-phones/index.html
Global ID	13:1747
ID	1747
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

CISCO-MERAKI

Name/CLI Keyword	cisco-meraki
Full Name	Cisco Meraki
Description	Cisco Meraki is a cloud managed solution, which includes wireless, switching, security, EMM, communications, and security cameras, all centrally managed from the web.
Introduced	39.0.0
Deprecated	-
Reference	https://meraki.cisco.com/
Global ID	13:1243
ID	1243
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-relevant
Category	net-admin
Sub Category	enterprise-cloud-services
P2P Technology	False
Encrypted	True
Traffic-class	network-control
Tunnel	False

CISCO-NAC

Name/CLI Keyword	cisco-nac
Full Name	Cisco NAC
Description	Cisco Network Admission Control (NAC) is a system that provides integrated network security solutions. It offers authentication and authorization of wired, wireless, and VPN users and devices (access control), end-point security policies, simple guest access control, audition and information logging of network activity. Typically NAC uses UDP ports 8905 and 8906.
Introduced	-
Deprecated	-
Reference	http://www.cisco.com/go/nac
Global ID	3:8905
ID	1334
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt

Tunnel	False

CISCO-NMSP

Name/CLI Keyword	cisco-nmsp
Full Name	Cisco NMSP
Description	Network Mobility Services Protocol (NMSP) manages communication between the mobility service engine and the wireless controller. Transport of telemetry, emergency, and RSSI values between the mobility service and the controller is managed by this protocol.
Introduced	35.0.0
Deprecated	-
Reference	https://www.cisco.com/en/US/docs/wireless/mse/3350/6.0/CAS/configuration/guide/msecg_ch4_CAS.html,%20https://mrncciew.com/2014/09/25/what-is-nmsp/
Global ID	13:1177
ID	1177
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	network-management
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

CISCO-PHONE

Name/CLI Keyword	cisco-phone
Full Name	Cisco Phone

Description	Cisco-ip-phone is a VoIP telephone used mainly in corporations and can be used on or off site.
Introduced	-
Deprecated	-
Reference	http://www.cisco.com/en/US/prod/collateral/voicesw/ps6788/phones/ps379/ps1854/product_data_sheet09186a008008884a.html
Global ID	13:81
ID	81
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

CISCO-PHONE-AUDIO

Name/CLI Keyword	cisco-phone-audio
Full Name	Cisco Phone Audio
Description	Cisco-ip-phone is a VoIP telephone used mainly in corporations and can be used on or off site. Cisco Phone Audio is the audio part of Cisco-Phone calls when the signaling is over SIP and the media is over RTP.
Introduced	13.0.0
Deprecated	-
Reference	http://www.cisco.com/en/US/prod/collateral/voicesw/ps6788/phones/ps379/ps1854/product_data_sheet09186a008008884a.html
Global ID	13:612

ID	1551
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	voip-telephony
Tunnel	False

CISCO-PHONE-CONTROL

Name/CLI Keyword	cisco-phone-control
Full Name	Cisco Phone Control
Description	Control flow of Cisco-Ip-phone.
Introduced	20.0.0
Deprecated	-
Reference	http://www.cisco.com/en/US/prod/collateral/voicesw/ps6788/phones/ps379/ps1854/product_data_sheet09186a008008884a.html
Global ID	13:1763
ID	1763
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	False

Encrypted	False
Traffic-class	signaling
Tunnel	False

CISCO-PHONE-MEDIA

Name/CLI Keyword	cisco-phone-media
Full Name	Cisco Phone Media
Description	Cisco-media is used mainly in corporations and can be used on or off site.
Introduced	20.0.0
Deprecated	-
Reference	None
Global ID	13:1745
ID	1745
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

CISCO-PHONE-VIDEO

Name/CLI Keyword	cisco-phone-video
Full Name	Cisco Phone Video

Description	Cisco-ip-phone is a VoIP telephone used mainly in corporations and can be used on or off site. Cisco Phone Video is the video part of Cisco-Phone calls when the signaling is over SIP and the media is over RTP.
Introduced	13.0.0
Deprecated	-
Reference	http://www.cisco.com/en/US/prod/collateral/voicesw/ps6788/phones/ps379/ps1854/product_data_sheet09186a008008884a.html
Global ID	13:613
ID	1552
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

CISCO-RTMT

Name/CLI Keyword	cisco-rtmt
Full Name	Cisco RTMT
Description	Cisco Unified Real-Time Monitoring Tool
Introduced	26.0.0
Deprecated	-
Reference	http://www.cisco.com/c/en/us/td/docs/voice_ip_comm/cucm/service/7_1_2/rtmt/RTMT/rtinst.html,%20http://www.cisco.com/c/en/us/support/unified-communications/unified-communications-manager-callmanager/products-maintenance-guides-list.html
Global ID	13:1060

ID	1060
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CISCO-SD-AVC

Name/CLI Keyword	cisco-sd-avc
Full Name	Cisco SD-AVC
Description	Cisco software-defined AVC (SD-AVC) is a network-level component of Cisco AVC that provides services to participating devices in a network.
Introduced	33.0.0
Deprecated	-
Reference	https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/avc/sd-avc/rn/1-0/sd-avc-rn-1-0.html
Global ID	13:1146
ID	1146
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CISCO-SDWAN-CONTROL

Name/CLI Keyword	cisco-sdwan-control
Full Name	Cisco SD-WAN Control
Description	Cisco Software defined WAN, formerly Viptela SDWAN, control Protocols
Introduced	44.0.0
Deprecated	-
Reference	https://www.cisco.com/c/en/us/solutions/enterprise-networks/sd-wan/index.html
Global ID	13:1261
ID	1261
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	network-management
P2P Technology	False
Encrypted	True
Traffic-class	network-control
Tunnel	False

CISCO-SDWAN-IPSEC

Name/CLI Keyword	cisco-sdwan-ipsec
Full Name	Cisco SD-WAN IPSec

Description	Cisco Software defined WAN, formerly Viptela SDWAN, IPsec Protocols
Introduced	44.0.0
Deprecated	-
Reference	https://www.cisco.com/c/en/us/solutions/enterprise-networks/sd-wan/index.html
Global ID	13:1262
ID	1262
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	business-and-productivity-tools
Sub Category	tunneling-protocols
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	True

CISCO-SMART-PROBE

Name/CLI Keyword	cisco-smart-probe
Full Name	Cisco Smart Probe
Description	Smart Probing is used to help collecting performance metrics when there is no actual user traffic
Introduced	36.0.0
Deprecated	-
Reference	http://docwiki.cisco.com/wiki/PfRv3:Technology_Overview
Global ID	13:1207
ID	1207
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	False
Traffic-class	voip-telephony
Tunnel	False

CISCO-SPARK

Name/CLI Keyword	cisco-spark
Full Name	Cisco Spark
Description	Cisco Spark / Webex Teams - unified communications client and SaaS with mobile team communication: group chat, private chat, video calls with screen sharing and file sharing.
Introduced	-
Deprecated	63.0.0
Reference	http://ciscospark.com
Global ID	13:809
ID	1741
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing

Tunnel	False

CISCO-SPARK-AUDIO

Name/CLI Keyword	cisco-spark-audio
Full Name	Cisco Spark Audio
Description	Cisco Spark / Webex Teams Audio - Audio of unified communications client and SaaS with mobile team communication: group chat, private chat, video calls with screen sharing and file sharing.
Introduced	-
Deprecated	63.0.0
Reference	http://ciscospark.com
Global ID	13:1050
ID	1050
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	False
Traffic-class	voip-telephony
Tunnel	False

CISCO-SPARK-MEDIA

Name/CLI Keyword	cisco-spark-media
Full Name	Cisco Spark Media

Description	Cisco Spark / Webex Teams Media - Media of unified communications client and SaaS with mobile team communication: group chat, private chat, video calls with screen sharing and file sharing.
Introduced	-
Deprecated	63.0.0
Reference	http://ciscospark.com
Global ID	13:1051
ID	1051
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

CISCO-SPARK-VIDEO

Name/CLI Keyword	cisco-spark-video
Full Name	Cisco Spark Video
Description	Cisco Spark / Webex Teams Video - Video of unified communications client and SaaS with mobile team communication: group chat, private chat, video calls with screen sharing and file sharing.
Introduced	-
Deprecated	63.0.0
Reference	http://ciscospark.com
Global ID	13:1048
ID	1048

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

CISCO-STEALTHWATCH

Name/CLI Keyword	cisco-stealthwatch
Full Name	Cisco Stealthwatch
Description	Cisco Stealthwatch provides continuous real-time monitoring of, and pervasive views into, all network traffic.
Introduced	39.0.0
Deprecated	-
Reference	https://www.cisco.com/c/en/us/products/security/stealthwatch/index.html
Global ID	13:340
ID	340
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	internet-security
Sub Category	network-management
P2P Technology	False
Encrypted	False

Traffic-class	ops-admin-mgmt
Tunnel	False

CISCO-SYS

Name/CLI Keyword	cisco-sys
Full Name	Cisco SYSMAINT
Description	Cisco SYSMAINT, Registered with IANA on port 132 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:132
ID	1161
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CISCO-TDP

Name/CLI Keyword	cisco-tdp
Full Name	Tag Distribution Protocol

Description	Tag Distribution Protocol (TDP) is a two party protocol that runs over a connection oriented transport layer with guaranteed sequential delivery. Tag Switching Routers use TDP to communicate tag binding information to their peers. TDP supports multiple network layer protocols including but not limited to IPv4, IPv6, IPX and AppleTalk.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/id/draft-doolan-tdp-spec-00
Global ID	3:711
ID	614
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

CISCO-THOUSANDEYES

Name/CLI Keyword	cisco-thousandeyes
Full Name	Cisco ThousandEyes
Description	Cisco ThousandEyes is a SaaS-based platform that monitors network infrastructure, troubleshoots application delivery, and maps internet performance.
Introduced	67.0.0
Deprecated	-
Reference	https://www.thousandeyes.com/
Global ID	13:1298

ID	1298
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

CISCO-TNA

Name/CLI Keyword	cisco-tna
Full Name	Cisco TNATIVE
Description	Cisco TNATIVE, Registered with IANA on port 131 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:131
ID	1160
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False

Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CISCO-TV

Name/CLI Keyword	cisco-tv
Full Name	Cisco TV
Description	Corporate TV with Interactive Web Streaming, and live studio shows
Introduced	35.0.0
Deprecated	-
Reference	http://ciscotv.cisco.com
Global ID	13:1176
ID	1176
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-video-broadcast
P2P Technology	False
Encrypted	False
Traffic-class	broadcast-video
Tunnel	False

CISCO-UMBRELLA

Name/CLI Keyword	cisco-umbrella
Full Name	Cisco Umbrella

Description	Cisco umbrella is a security tool that provides DNS encryption, and blocks malware botnets and phishing.
Introduced	37.0.0
Deprecated	-
Reference	https://umbrella.cisco.com/
Global ID	13:1211
ID	1211
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	internet-security
Sub Category	enterprise-cloud-data-storage
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

CITI-BANK

Name/CLI Keyword	citi-bank
Full Name	Citi
Description	Citi - Financial services company.
Introduced	14.0.0
Deprecated	-
Reference	http://citibank.com
Global ID	13:706
ID	1636
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CITRIX

Name/CLI Keyword	citrix
Full Name	Citrix
Description	Citrix is an application that mediates users remotely to their corporate applications. ICA: Independent Computing Architecture is a designated protocol for application server system; it is used for transferring data between clients and servers. CGP: CGP is a tunneling protocol, the latest addition to the family of Citrix protocol. As of today it encapsulates ICA protocol but will be extended to other Citrix protocol such as RDP, HTTP/HTTPS.IMA: used for server-server communication. Server-Browser: Used mainly a control connection which has Published Application Name and triggers an ICA connection
Introduced	13.0.0
Deprecated	-
Reference	http://www.citrix.com/site/resources/dynamic/additional/ICA_Acceleration_0709a.pdf
Global ID	13:56
ID	56
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	gotomeeting-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization

P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

CITRIX-AUDIO

Name/CLI Keyword	citrix-audio
Full Name	Citrix Audio
Description	Citrix-Audio refers to all audio traffic in Citrix multistream configuration.
Introduced	-
Deprecated	-
Reference	http://www.citrix.com/site/resources/dynamic/additional/ICA_Acceleration_0709a.pdf
Global ID	13:609
ID	1548
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	True
Traffic-class	voip-telephony
Tunnel	False

CITRIX-STATIC

Name/CLI Keyword	citrix-static

Full Name	Citrix Static
Description	Citrix is an application that mediates users remotely to their corporate applications. ICA: Independent Computing Architecture is a designated protocol for application server system; it is used for transferring data between clients and servers. CGP: CGP is a tunneling protocol, the latest addition to the family of Citrix protocol. As of today it encapsulates ICA protocol but will be extended to other Citrix protocol such as RDP, HTTP/HTTPS.IMA: used for server-server communication. Server-Browser: Used mainly a control connection which has Published Application Name and triggers an ICA connection
Introduced	-
Deprecated	-
Reference	http://www.citrix.com/site/resources/dynamic/additional/ICA_Acceleration_0709a.pdf
Global ID	3:1604
ID	1433
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

CLEARCASE

Name/CLI Keyword	clearcase
Full Name	Rational ClearCase
Description	Rational ClearCase is a software configuration management system that provides version control, workspace management, parallel development support and build auditing.
Introduced	-

Deprecated	-
Reference	http://www-01.ibm.com/software/awdtools/clearcase/
Global ID	3:371
ID	91
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CLICKBANK

Name/CLI Keyword	clickbank
Full Name	ClickBank
Description	ClickBank - Online marketplace for Digital products.
Introduced	14.0.0
Deprecated	-
Reference	http://clickbank.com
Global ID	13:642
ID	1571
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant

Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CLOANTO-NET-1

Name/CLI Keyword	cloanto-net-1
Full Name	Cloanto Net 1
Description	Cloanto is a service developed by the Cloanto Corporation for use in the company's software components for electronic marketing, publishing, commerce and internationalization.
Introduced	-
Deprecated	-
Reference	http://www.cloanto.com/
Global ID	3:356
ID	272
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	False

CLOUDFLARE_WARP

Name/CLI Keyword	cloudflare_warp
Full Name	Cloudflare WARP
Description	The Cloudflare WARP client operates between a device and the internet to provide faster, more secure, and more private internet connectivity.
Introduced	61.0.0
Deprecated	-
Reference	https://developers.cloudflare.com/warp-client/
Global ID	13:1280
ID	1280
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	anonymizers
Sub Category	tunneling-protocols
P2P Technology	True
Encrypted	True
Traffic-class	bulk-data
Tunnel	True

CMIP-AGENT

Name/CLI Keyword	cmip-agent
Full Name	CMIP/TCP Agent

Description	The Common Management Information Protocol (CMIP) is the OSI specified network management protocol. Defined in ITU-T Recommendation X.711, ISO/IEC International Standard 9596-1. It provides an implementation for the services defined by the Common Management Information Service (CMIS) specified in ITU-T Recommendation X.710, ISO/IEC International Standard 9595, allowing communication between network management applications and management agents. CMIS/CMIP is the network management protocol specified by the ISO/OSI Network management model and is further defined by the ITU-T in the X.700 series of recommendations.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Common_Management_Information_Protocol
Global ID	3:164
ID	1009
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CMIP-MAN

Name/CLI Keyword	cmip-man
Full Name	CMIP/TCP Manager

Description	The Common Management Information Protocol (CMIP) is the OSI specified network management protocol. Defined in ITU-T Recommendation X.711, ISO/IEC International Standard 9596-1. It provides an implementation for the services defined by the Common Management Information Service (CMIS) specified in ITU-T Recommendation X.710, ISO/IEC International Standard 9595, allowing communication between network management applications and management agents. CMIS/CMIP is the network management protocol specified by the ISO/OSI Network management model and is further defined by the ITU-T in the X.700 series of recommendations.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Common_Management_Information_Protocol
Global ID	3:163
ID	1008
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CNBC

Name/CLI Keyword	cnbc
Full Name	CNBC
Description	CNBC - Official website of CNBC channel for Business and Financial market news.
Introduced	14.0.0
Deprecated	-

Reference	http://cnbc.com
Global ID	13:756
ID	1686
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CNET

Name/CLI Keyword	cnet
Full Name	CNET
Description	CNET - Tech and gadget related news, reviews, and shopping.
Introduced	14.0.0
Deprecated	-
Reference	http://cnet.com
Global ID	13:645
ID	1574
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing

Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CNN

Name/CLI Keyword	cnn
Full Name	CNN
Description	Cable News Network (CNN) is an American basic cable and satellite television news channel.
Introduced	34.0.0
Deprecated	-
Reference	http://www.cnn.com/
Global ID	13:1167
ID	1167
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

COAP

Name/CLI Keyword	coap
Full Name	CoAP
Description	The Constrained Application Protocol (CoAP) is a specialized web transfer protocol for use with constrained nodes and constrained (e.g., low-power, lossy) networks.
Introduced	38.0.0
Deprecated	-
Reference	http://coap.technology/
Global ID	13:1239
ID	1239
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	True

COAUTHOR

Name/CLI Keyword	coauthor
Full Name	Oracle Coauthor
Description	Registered with IANA on port 1529 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:1529
ID	693
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CODAAUTH2

Name/CLI Keyword	codaauth2
Full Name	Coda Authentication Server
Description	Coda Authentication Server represents the authentication procedure, as part of Coda, a distributed file system.
Introduced	-
Deprecated	-
Reference	http://www.coda.cs.cmu.edu/
Global ID	3:370
ID	286
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant

Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CODE42-SERVICES

Name/CLI Keyword	code42-services
Full Name	Code42 Services
Description	Code42 software addresses data loss protection, endpoint backup, and insider threat detection. Code42 tools protect and secure data, both on endpoint devices and in the cloud.
Introduced	67.0.0
Deprecated	-
Reference	https://www.code42.com
Global ID	13:1301
ID	1301
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

COLLABORATOR

Name/CLI Keyword	collaborator
Full Name	Collaborator
Description	Registered with IANA on port 622 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:622
ID	531
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

COMMERCE

Name/CLI Keyword	commerce
Full Name	Commerce
Description	Registered with IANA on port 542 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:542
ID	460
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

COMPAQ-PEER

Name/CLI Keyword	compaq-peer
Full Name	Compaq-Peer Protocol
Description	Compaq-Peer Protocol is a specific proprietary protocol used by HP to set up peer-to-peer networks within a network infrastructure.
Introduced	-
Deprecated	-
Reference	http://www.compaq.com/info/SP5108/SP5108PF.PDF
Global ID	1:110
ID	864
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

COMPRESSNET

Name/CLI Keyword	compressnet
Full Name	Management Utility
Description	Registered with IANA on port 2 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:2
ID	900
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

COMSCM

Name/CLI Keyword	comscm
Full Name	COMSCM
Description	Registered with IANA on port 437 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:437
ID	352
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CON

Name/CLI Keyword	con
Full Name	Con
Description	Registered with IANA on port 759 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:759
ID	631
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CONCUR

Name/CLI Keyword	concur
Full Name	Concur
Description	Concur SaaS, provider of travel and expense management services to businesses.
Introduced	35.0.0
Deprecated	-
Reference	https://www.concur.com
Global ID	13:1182
ID	1182
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	concur-group
Business Relevance	business-relevant
Category	other

Sub Category	enterprise-cloud-services
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CONDUIT-COM

Name/CLI Keyword	conduit-com
Full Name	Conduit
Description	Conduit - Online website to create community toolbar.
Introduced	14.0.0
Deprecated	-
Reference	http://conduit.com
Global ID	13:468
ID	260
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CONFERENCE

Name/CLI Keyword	conference

Full Name	Chat
Description	Registered with IANA on port 531 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:531
ID	449
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CONFERENCE-SERVER

Name/CLI Keyword	conference-server
Full Name	Conferencing Server
Description	Conferencing Server establish communication between SIP users.
Introduced	20.0.0
Deprecated	-
Reference	None
Global ID	13:1748
ID	1748
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	cisco-phone-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

CONFERENCING

Name/CLI Keyword	conferencing
Full Name	Conferencing
Description	Audio-Video Conferencing, Videotelephony, Telepresence and Collaboration Solutions
Introduced	20.0.0
Deprecated	-
Reference	https://en.wikipedia.org/wiki/Videoconferencing
Global ID	13:822
ID	1753
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	telepresence-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing

Tunnel	False

CONNECTED-BACKUP

Name/CLI Keyword	connected-backup
Full Name	Connected Backup
Description	Connected-Backup ensures enterprise-proven, secure, and efficient data protection without disrupting users at work.
Introduced	12.0.0
Deprecated	-
Reference	http://www.autonomy.com/products/connected-backup
Global ID	13:605
ID	1544
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	backup-and-storage
Sub Category	enterprise-data-center-storage
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

CONNENDP

Name/CLI Keyword	connendp
Full Name	Almanid Connection Endpoint
Description	Almanid Connection Endpoint (connendp) is a common module that serves the Almanid IdentityProtector. IdentityProtector is a backup product for Novell Directory Services and Novell eDirectory.

Introduced	-
Deprecated	-
Reference	http://www.almanid.com/en/products/identityprotector/index.html
Global ID	3:693
ID	601
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CONSTANT-CONTACT-COM

Name/CLI Keyword	constant-contact-com
Full Name	Constant Contact
Description	Constant Contact - Online marketing service.
Introduced	14.0.0
Deprecated	-
Reference	http://constantcontact.com
Global ID	13:714
ID	1644
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CONSUMER-CLOUD-STORAGE

Name/CLI Keyword	consumer-cloud-storage
Full Name	Consumer Cloud Storage
Description	The Consumer Cloud Storage protocol gathers the leading websites on the internet that offer cloud storage services, mainly for media consumers, such as PutLocker, Rapidshare and more.
Introduced	-
Deprecated	-
Reference	http://www.rapidshare.com/,%20http://www.easyshare.com/,%20http://www.megashare.com/,%20http://www.ultrashare.net/,%20http://www.filefactory.com/,%20http://www.filefront.com/,%20http://www.massmirror.com/,%20http://www.filer.net/,%20http://www.upload.com/,%20http://www.download.com/,%20http://www.filestube.com/,%20http://www.4shared.com/,%20http://www.hotfile.com/,%20http://www.zshares.net/,%20http://www.mediafire.com/,%20http://www.easynews.com/,%20http://www.putlocker.com/,%20http://clouddrive.com,%20http://www.thumbr.io/
Global ID	13:582
ID	1521
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	consumer-cloud-storage

P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

CONTENTSERVER

Name/CLI Keyword	contentserver
Full Name	ContentServer
Description	ContentServer is a Frontier 6 application that allows members of a website team to contribute to a Frontier-managed site, even if they don't use Frontier.
Introduced	-
Deprecated	-
Reference	http://contentserver.userland.com/
Global ID	3:3365
ID	369
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

COOLTALK

Name/CLI Keyword	cooltalk

Full Name	Internet telephony tool
Description	An earlier set of data conferencing and telephony extensions for Netscape Navigator from Netscape. It included an Internet phone, chat window, whiteboard and application sharing.
Introduced	-
Deprecated	-
Reference	http://besser.tsoa.nyu.edu/impact/f96/Reviews/djiang/
Global ID	3:6499
ID	1335
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

CORBA-IIOP

Name/CLI Keyword	corba-iiop
Full Name	CORBA IIOP
Description	The Common Object Request Broker Architecture (CORBA) and the Internet Inter-ORB Protocol (IIOP) are two technologies that enable distributed computing across heterogeneous systems. CORBA defines the total architecture required for communication between distributed objects and IIOP is the most important specification of CORBA. IIOP focuses on interoperability of distributed objects in heterogeneous environments. CORBA enables an application's components to communicate without regard for their locations on a network. A CORBA-compliant object is guaranteed to be able to communicate with other distributed objects because the technology defines a common interface.
Introduced	-

Deprecated	-
Reference	http://cyberobject.com/co/whitepaper/Corba_IIOP.PDF
Global ID	3:683
ID	111
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	corba-group
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CORBA-IIOP-SSL

Name/CLI Keyword	corba-iiop-ssl
Full Name	secure CORBA Internet Inter-ORB Protocol
Description	The Common Object Request Broker Architecture (CORBA) and the Internet Inter-ORB Protocol (IIOP) are two technologies that enable distributed computing across heterogeneous systems. CORBA defines the total architecture required for communication between distributed objects and IIOP is the most important specification of CORBA. secure cobra-iiop is working over SSL protocol , register in IANA on port 684.
Introduced	-
Deprecated	-
Reference	http://www.opengroup.org/infosrv/Brand/SPS_pdf/X01OB.pdf
Global ID	3:684
ID	592
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	corba-group
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

CORERJD

Name/CLI Keyword	corerjd
Full Name	Corejrd
Description	Registered with IANA on port 284 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:284
ID	1145
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data

Tunnel	False

COUPONS-COM

Name/CLI Keyword	coupons-com
Full Name	Coupons.com
Description	Coupons.com - An online coupons and deals website.
Introduced	14.0.0
Deprecated	-
Reference	http://coupons.com
Global ID	13:797
ID	1725
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

COURIER

Name/CLI Keyword	courier
Full Name	Courier Mail Server

Description	Courier Mail Server is a mail transfer agent (MTA) server that provides ESMTP, IMAP, POP3, SMAP, webmail, and mailing list services with individual components. It is best known for its IMAP server component. Individual components can be enabled or disabled at will. The Courier Mail Server implements basic web-based calendaring and scheduling services integrated in the webmail module.
Introduced	-
Deprecated	-
Reference	http://www.courier-mta.org/
Global ID	3:530
ID	448
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

COURSERA

Name/CLI Keyword	coursera
Full Name	Coursera
Description	Coursera - Educational site, offer online courses from top universities.
Introduced	14.0.0
Deprecated	-
Reference	http://coursera.com
Global ID	13:765

ID	1695
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

COVIA

Name/CLI Keyword	covia
Full Name	Communications Integrator
Description	Covia is used mainly by emergency response teams and the military to enable audio, video, data and other types of communication between multiple systems and devices running different operating systems.
Introduced	-
Deprecated	-
Reference	http://www.covialabs.com
Global ID	3:64
ID	941
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CPHB

Name/CLI Keyword	cphb
Full Name	Computer Protocol Heart Beat
Description	Registered with IANA as IP Protocol 73
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:73
ID	827
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

CPNX

Name/CLI Keyword	cpnx
Full Name	Computer Protocol Network Executive

Description	Registered with IANA as IP Protocol 72
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:72
ID	826
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

CPQ-WBEM

Name/CLI Keyword	cpq-wbem
Full Name	Compaq Insight Manager Service
Description	Compaq Insight Manager Service (cpq-wbem) is a service used by the Compaq Insight Manager software. In 2002 Compaq was acquired by HP, and the Insight Manager software is now known as HP Insight Control.
Introduced	-
Deprecated	-
Reference	http://h18000.www1.hp.com/products/servers/management/index.html
Global ID	3:2301
ID	1336
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CRAIGSLIST

Name/CLI Keyword	craigslist
Full Name	Craigslist
Description	Craigslist - Popular online classifieds.
Introduced	14.0.0
Deprecated	-
Reference	http://craigslist.org
Global ID	13:617
ID	1068
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data

Tunnel	False

CRASHPLAN

Name/CLI Keyword	crashplan
Full Name	CrashPlan
Description	Online data backup software. Provides continuous, silent backup of end user data.
Introduced	17.0.0
Deprecated	-
Reference	http://www.code42.com/crashplan/
Global ID	13:820
ID	1749
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	backup-and-storage
Sub Category	enterprise-data-center-storage
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

CREATIVEPARTNR

Name/CLI Keyword	creativepartnr
Full Name	Creative Partner
Description	Registered with IANA on port 455 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:455
ID	370
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CREATIVESERVER

Name/CLI Keyword	creativeserver
Full Name	Creative Server
Description	Registered with IANA on port 453 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:453
ID	368
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CRS

Name/CLI Keyword	crs
Full Name	Microsoft Content Replication System
Description	Registered with IANA on port 507 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:507
ID	421
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CRTP

Name/CLI Keyword	crtp
Full Name	Combat Radio Transport Protocol
Description	Combat Radio Transport Protocol transports the combat radio's data through in an internet network.
Introduced	-
Deprecated	-
Reference	http://www.springerlink.com/content/a761662632006m51/fulltext.pdf
Global ID	1:126
ID	880
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

CRUDP

Name/CLI Keyword	crudp
Full Name	Combat Radio User Datagram
Description	Registered with IANA as IP Protocol 127
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml

Global ID	1:127
ID	1225
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CRYPTOADMIN

Name/CLI Keyword	cryptoadmin
Full Name	CRYPTOAdmin
Description	CRYPTOAdmin a remote authentication solution, enabling its users to access a remote enterprise's LAN. The solution is built of two parts: the CRYPTOAdmin authentication server and CRYPTOCard tokens and smartcards. Together, these provide strongly secured access to a remote enterprise network.
Introduced	-
Deprecated	-
Reference	http://www.cryptocard.com/
Global ID	3:624
ID	533
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant

Category	voice-and-video
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CSDN

Name/CLI Keyword	csdn
Full Name	CSDN
Description	CSDN - Chinese IT community/forum for Software related issues.
Introduced	14.0.0
Deprecated	-
Reference	http://csdn.net
Global ID	13:737
ID	1667
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CSI-SGWP

Name/CLI Keyword	csi-sgwp
Full Name	Cabletron Management Protocol
Description	Registered with IANA on port 348 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:348
ID	915
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CSNET-NS

Name/CLI Keyword	csnet-ns
Full Name	CSNET Mailbox Name Nameserver
Description	The Computer Science Network (CSNET) was a computer network that began operation in 1981 in the United States. Its purpose was to extend networking benefits for computer science departments at academic and research institutions that could not be directly connected to ARPANET, due to funding or authorization limitations. The CSNET name service allowed manual and automated email address lookup based on various user attributes, such as name, title, or institution.

Introduced	-
Deprecated	-
Reference	http://www.isoc.org/internet/history/documents/Comm83.pdf
Global ID	3:105
ID	976
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	naming-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CTF

Name/CLI Keyword	ctf
Full Name	CTF
Description	Registered with IANA on port 84 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:84
ID	957
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CUSEEME

Name/CLI Keyword	cuseeme
Full Name	Internet video conference system
Description	CU-SeeMe is an Internet video conferencing client. CU-SeeMe can make point-to-point video calls without a server or make multi-point calls through server software. Later commercial versions of CU-SeeMe could also make point-to-point or multi-point calls to other vendor's standard-based H.323 endpoints and servers.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/CU-SeeMe
Global ID	13:12
ID	12
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing

Tunnel	False

CUSTIX

Name/CLI Keyword	custix
Full Name	Customer Ixchange
Description	Registered with IANA on port 528 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:528
ID	446
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CVC_HOSTD

Name/CLI Keyword	cvc_hostd
Full Name	CVC Host Daemon
Description	Registered with IANA on port 442 TCP/UDP
Introduced	-

Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:442
ID	357
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CVSPSERVER

Name/CLI Keyword	cvspserver
Full Name	CVS pserver
Description	CVS pserver is an insecure method of giving remote access to a Concurrent Versions System (CVS) repository.
Introduced	-
Deprecated	-
Reference	http://www.nongnu.org/cvs/
Global ID	3:2401
ID	1337
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CVSUP

Name/CLI Keyword	cvsup
Full Name	CVSup
Description	CVSup is a computer program written for Unix/Linux based systems that synchronizes files and directories from one location to another while minimizing data transfer using file-type specific delta encoding when appropriate. CVSup was designed for keeping source code repositories - such as CVS - synchronized, but has been extended to support synchronizing any type of file.
Introduced	-
Deprecated	-
Reference	http://www.cvsup.org/
Global ID	3:5999
ID	1338
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data

Tunnel	False

CYBERCASH

Name/CLI Keyword	cybercash
Full Name	Cybercash
Description	CyberCash serves as a conduit through which payments can be transported quickly, easily and safely between buyers, sellers and their banks. The CyberCash system provides several separate payment services on the Internet including credit card and electronic cash.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1898
Global ID	3:551
ID	468
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	epayement
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CYCLESERV

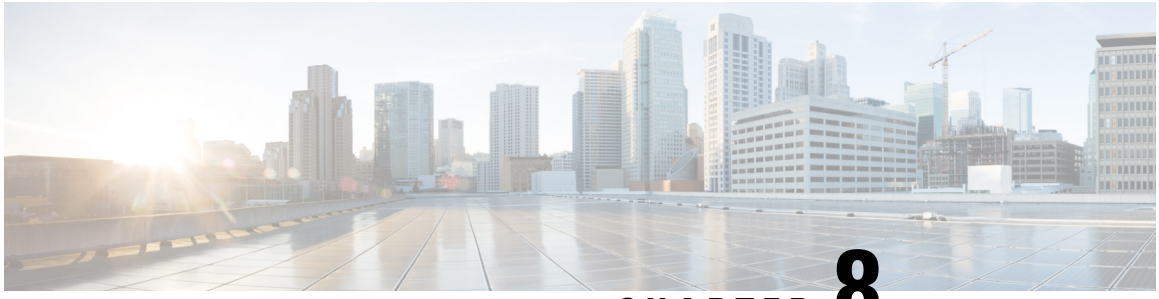
Name/CLI Keyword	cycleserv
Full Name	Cycleserv
Description	Registered with IANA on port 763 TCP/UDP

Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:763
ID	635
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CYCLESERV2

Name/CLI Keyword	cycleserv2
Full Name	Cycleserv2
Description	Registered with IANA on port 772 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:772
ID	642
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False



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DAILY-MAIL

Name/CLI Keyword	daily-mail
Full Name	Daily Mail
Description	Daily Mail - Web Portal for news update.
Introduced	14.0.0
Deprecated	-
Reference	http://dailymail.co.uk
Global ID	13:633
ID	1562
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

DAMEWARE-MRC

Name/CLI Keyword	dameware-mrc
Full Name	DameWare Mini Remote Control

Description	DameWare Mini Remote Control provides powerful remote control software for connecting to remote desktops, laptops and servers to troubleshoot and solve issues. MRC lets users remotely control Mac OS X, Windows and Linux systems, either by using the proprietary MRC protocol, or using other protocols like Microsoft RDP, VNC, and Intel AMT KVM.
Introduced	-
Deprecated	-
Reference	http://www.dameware.com/products/mini-remote-control/product-overview.aspx
Global ID	13:547
ID	1481
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	dameware-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

DANGDANG

Name/CLI Keyword	dangdang
Full Name	Dangdang
Description	Dangdang - Chinese general E-commerce company.
Introduced	14.0.0
Deprecated	-
Reference	http://dangdang.com
Global ID	13:795
ID	1723

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

DANTZ

Name/CLI Keyword	dantz
Full Name	Dantz Retrospect
Description	Retrospect is a family of backup software applications for the Mac OS, Mac OS X, and Microsoft Windows operating systems.
Introduced	-
Deprecated	-
Reference	http://www.retrospect.com/
Global ID	3:497
ID	411
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False

Traffic-class	bulk-data
Tunnel	False

DASP

Name/CLI Keyword	dasp
Full Name	DASP
Description	Datagram Authenticated Session Protocol (DASP) is designed to provide an unordered, reliable, secure session for full-duplex datagram exchange that can be implemented for low power wireless networks and low cost devices.
Introduced	-
Deprecated	-
Reference	http://sedonadev.org/doc/dasp.html
Global ID	3:439
ID	354
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DATASURFSRV

Name/CLI Keyword	datasurfsrv
Full Name	DataRamp Svr

Description	Registered with IANA on port 461 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:461
ID	375
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DATASURFSRVSEC

Name/CLI Keyword	datasurfsrvsec
Full Name	DataRampSrvSec
Description	Registered with IANA on port 462 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:462
ID	376
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DATEX-ASN

Name/CLI Keyword	datex-asn
Full Name	Datex-ASN
Description	DATEX-ASN (AP-DATEX) provides a communications stack that supports routing, sequencing, and file transfer over point-to-point links, based on (sockets) TCP, IP, and PPP.
Introduced	-
Deprecated	-
Reference	http://www.standards.its.dot.gov/fact_sheet.asp?f=33
Global ID	3:355
ID	271
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	industrial-protocols
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False

Traffic-class	signaling
Tunnel	False

DAUM

Name/CLI Keyword	daum
Full Name	Daum
Description	Daum - Popular South Korean web portal.
Introduced	14.0.0
Deprecated	-
Reference	http://daum.net
Global ID	13:647
ID	1576
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

DAYTIME

Name/CLI Keyword	daytime
Full Name	Daytime Protocol

Description	The Daytime Protocol is a debugging and measurement service. A host may connect to a server, that in turn returns an ASCII character string of the current date and time in an unspecified format.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc867).txt
Global ID	13:103
ID	103
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

DB-SERVICE

Name/CLI Keyword	db-service
Full Name	DB service
Description	Data base service
Introduced	20.0.0
Deprecated	-
Reference	https://en.wikipedia.org/wiki/Database
Global ID	13:824
ID	1756
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

DBASE

Name/CLI Keyword	dbase
Full Name	dBase
Description	dBase is a relational database management system. dBase II was the first widely used database management system (DBMS) for microcomputers. A major upgrade was released as dBase III, and ported to a wider variety of platforms, adding UNIX and VMS.
Introduced	-
Deprecated	-
Reference	http://www.dbase.com/
Global ID	3:217
ID	1114
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False

Encrypted	False
Traffic-class	transactional-data
Tunnel	False

DCCP

Name/CLI Keyword	dccp
Full Name	DCCP
Description	The Datagram Congestion Control Protocol (DCCP) is a message-oriented transport layer protocol. DCCP implements reliable connection setup, teardown, Explicit Congestion Notification (ECN), congestion control, and feature negotiation.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc4340.txt
Global ID	1:33
ID	1238
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DCLINK

Name/CLI Keyword	dclink

Full Name	Automated Data Collection Solution
Description	dcLINK Data Collection is an inventory management software. It offers pre-built, standard or customizable workflows for processing data.
Introduced	-
Deprecated	-
Reference	http://www.dsionline.com/en/DATACOLLECTION.aspx
Global ID	3:6305
ID	1379
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DCN-MEAS

Name/CLI Keyword	dcn-meas
Full Name	DCN Measurement Subsystems
Description	Registered with IANA as IP Protocol 19
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:19
ID	773
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

DCP

Name/CLI Keyword	dcp
Full Name	Device Control Protocol
Description	The Device Control Protocol (DCP) is an application level protocol optimized for the integration, monitoring and control of devices on a network. It provides a framework for integrating unconventional network devices attached to networks either directly or as computer periphery.
Introduced	-
Deprecated	-
Reference	http://dcp.chrisarmbruster.com/Introduction.html
Global ID	3:93
ID	964
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False

Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

DCTP

Name/CLI Keyword	dctp
Full Name	DCTP
Description	Registered with IANA on port 675 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:675
ID	583
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DDM-DFM

Name/CLI Keyword	ddm-dfm
Full Name	DDM Distributed File management

Description	Registered with IANA on port 447 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:447
ID	362
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

DDM-RDB

Name/CLI Keyword	ddm-rdb
Full Name	DDM-Remote Relational Database Access
Description	Distributed Data Management (DDM) is a function of the operating system that allows an application program or user on one system to use database files stored on remote systems. The systems must be connected by a communications network, and the remote systems must also be using DDM. With distributed relational database, information the application requester (AR) needs to connect to a database is provided in the relational database directory.
Introduced	-
Deprecated	-
Reference	http://publib.boulder.ibm.com/infocenter/iseries/v5r4/index.jsp?topic=%2Frzajt%2Frzajtrzajtddm.htm

Global ID	3:446
ID	361
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

DDM-SSL

Name/CLI Keyword	ddm-ssl
Full Name	Domino Domain Monitor database - Remote DB Access Using Secure Sockets
Description	IBM Lotus Domino domain monitoring (DDM) provides one location in the Domino Administrator client that you can use to view the overall status of multiple servers across one or more domains, and then use the information provided by DDM to quickly resolve problems.
Introduced	-
Deprecated	-
Reference	http://www-10.lotus.com/ldd/dominowiki.nsf/dx/domino-domain-monitoring
Global ID	3:448
ID	363
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant

Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

DDP

Name/CLI Keyword	ddp
Full Name	DDP
Description	Datagram Delivery Protocol (DDP) is a member of the AppleTalk networking protocol suite. It is the network-layer protocol that is responsible for the socket-to-socket delivery of datagrams over the AppleTalk Internet.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc1742.txt
Global ID	1:37
ID	791
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

DDX

Name/CLI Keyword	ddx
Full Name	D-II Data Exchange
Description	Registered with IANA as IP Protocol 116
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:116
ID	870
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

DEC_DLM

Name/CLI Keyword	dec_dlm
Full Name	DEC DLM
Description	Registered with IANA on port 625 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml

Global ID	3:625
ID	534
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DECAP

Name/CLI Keyword	decap
Full Name	decap
Description	Registered with IANA on port 403 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:403
ID	318
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DECAUTH

Name/CLI Keyword	decauth
Full Name	DEC Auth
Description	Registered with IANA on port 316 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:316
ID	1156
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

DECBSRV

Name/CLI Keyword	decbsrv

Full Name	DEC Business Server
Description	Registered with IANA on port 579 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:579
ID	493
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DECLADEBUG

Name/CLI Keyword	decladebug
Full Name	DECLadebug Remote Debug Protocol
Description	Registered with IANA on port 410 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:410
ID	325

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DECVMS-SYSMGT

Name/CLI Keyword	decvms-sysmgt
Full Name	DEC VMS System Management
Description	Registered with IANA on port 441 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:441
ID	356
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False

Traffic-class	ops-admin-mgmt
Tunnel	False

DEI-ICDA

Name/CLI Keyword	dei-icda
Full Name	DEI-ICDA
Description	Registered with IANA on port 618 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:618
ID	527
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DEMANDWARE

Name/CLI Keyword	demandware
Full Name	Demandware

Description	Demandware is a software technology company providing a cloud-based e-commerce platform and related services for retailers and brand manufacturers around the world.
Introduced	35.0.0
Deprecated	-
Reference	https://www.demandware.com
Global ID	13:1189
ID	1189
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	demandware-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-services
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

DEOS

Name/CLI Keyword	deos
Full Name	Distributed External Object Store
Description	Registered with IANA on port 76 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:76
ID	952

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DESKNETS

Name/CLI Keyword	desknets
Full Name	Desknet's
Description	Desknet's (by NEO) is a Japanese groupware application for resource sharing.
Introduced	-
Deprecated	-
Reference	http://www.desknets.com/
Global ID	3:52300
ID	1339
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False

Traffic-class	bulk-data
Tunnel	False

DEVICE

Name/CLI Keyword	device
Full Name	Device
Description	Registered with IANA on port 801 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:801
ID	655
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DGP

Name/CLI Keyword	dgp
Full Name	Dissimilar Gateway Protocol
Description	Dissimilar Gateway Protocol

Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	1:86
ID	840
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

DHCP

Name/CLI Keyword	dhcp
Full Name	DHCP
Description	Dynamic Host Configuration Protocol (DHCP) provides a framework for passing configuration information to hosts on a TCP/IP network. The information given by designated DHCP servers include: IP address, subnet mask and default gateway. A DHCP server usually listens on UDP port 67 and DHCP client usually listens on UDP 68.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc2131.txt
Global ID	13:13
ID	13

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

DHCP-FAILOVER

Name/CLI Keyword	dhcp-failover
Full Name	DHCP Failover
Description	DHCP Failover Protocol supports automatic failover from a primary server to its secondary server. The failover mechanism allows the secondary server to perform DHCP actions while the primary is down, or when a network failure prevents the primary and secondary from communicating.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/draft-ietf-dhc-failover-03
Global ID	3:647
ID	556
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management

P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

DHCP-FAILOVER2

Name/CLI Keyword	dhcp-failover2
Full Name	DHCP Failover 2
Description	DHCP Failover Protocol provides synchronization between two DHCP servers, for redundancy in case of a server failure.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/draft-ietf-dhc-failover-12
Global ID	3:847
ID	658
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

DHCPV6

Name/CLI Keyword	dhcpv6

Full Name	DHCPv6
Description	DHCPv6 is a network protocol that is used for configuring IPv6 hosts with IP addresses, IP prefixes and/or other configuration required to operate on an IPv6 network. IPv6 hosts can acquire IP addresses using stateless address autoconfiguration, or by using DHCPv6. DHCP tends to be preferred at sites where central management of hosts is valued; stateless autoconfiguration does not require any sort of central management, and is therefore preferable in networks where no management is readily available, such as a typical home network.
Introduced	45.0.0
Deprecated	-
Reference	http://tools.ietf.org/html/rfc3315
Global ID	13:1263
ID	1263
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

DHCPV6-CLIENT

Name/CLI Keyword	dhcpv6-client
Full Name	DHCPv6 Client

Description	DHCPv6 is a network protocol that is used for configuring IPv6 hosts with IP addresses, IP prefixes and/or other configuration required to operate on an IPv6 network. IPv6 hosts can acquire IP addresses using stateless address autoconfiguration, or by using DHCPv6. DHCP tends to be preferred at sites where central management of hosts is valued; stateless autoconfiguration does not require any sort of central management, and is therefore preferable in networks where no management is readily available, such as a typical home network.
Introduced	-
Deprecated	46.0.0
Reference	http://tools.ietf.org/html/rfc3315
Global ID	3:546
ID	464
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

DHCPV6-SERVER

Name/CLI Keyword	dhcpv6-server
Full Name	DHCPv6 Server
Description	DEPRECATED, traffic won't be matched. Please use dhcpv6 protocol instead
Introduced	-
Deprecated	46.0.0
Reference	http://www.ietf.org/rfc/rfc3315.txt
Global ID	3:547

ID	465
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

DHT

Name/CLI Keyword	dht
Full Name	Distributed Hash Table
Description	A distributed hash table (DHT) is a class of a decentralized distributed system that provides a lookup service similar to a hash table. BitTorrent uses DHT for storing peer contact information for trackerless torrents. In effect, each peer becomes a tracker. The protocol is based on Kademila and is implemented over UDP.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/proceedings/65/slides/plenaryt-2.pdf
Global ID	13:439
ID	886
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-file-sharing

Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DICOM

Name/CLI Keyword	dicom
Full Name	DICOM
Description	Digital Imaging and Communication in Medicine (DICOM) is used to handle, store, print, and transmit medical imaging.
Introduced	-
Deprecated	-
Reference	http://dicom.nema.org/
Global ID	13:76
ID	76
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DIGITAL-VRC

Name/CLI Keyword	digital-vrc
Full Name	Digital-VRC
Description	Registered with IANA on port 466 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:466
ID	380
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DINGTALK

Name/CLI Keyword	dingtalk
Full Name	DingTalk
Description	DingTalk is an enterprise communication and collaboration platform developed by Alibaba Group. The main services are all messaging types including text messages, voice messages, pictures, files, DingMails. DingTalk provides iOS and Android apps as well as Mac and PC clients.
Introduced	55.0.0

Deprecated	-
Reference	www.dingtalk.com
Global ID	13:1270
ID	1270
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

DINGTALK-MEDIA

Name/CLI Keyword	dingtalk-media
Full Name	DingTalk Media
Description	Video or VOIP portion of Dingtalk calls
Introduced	55.0.0
Deprecated	-
Reference	www.dingtalk.com
Global ID	13:1273
ID	1273
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant

Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

DIRECTCONNECT

Name/CLI Keyword	directconnect
Full Name	Direct Connect
Description	Direct Connect is a peer-to-peer (P2P) file sharing protocol. Clients connect to a main hub that mediates them to other clients in order to download files. The hubs hold a database of clients and files and mediate the clients. Once clients are connected in a P2P manner, they can download files and chat with one another.
Introduced	-
Deprecated	-
Reference	http://wiki.gusari.org
Global ID	13:70
ID	70
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DIRECTPLAY

Name/CLI Keyword	directplay
Full Name	DirectPlay
Description	DirectPlay is part of Microsoft's DirectX API. It is a network communication library intended for computer game development. DirectPlay features a set of tools that allow players to find game sessions and sites to manage the flow of information between hosts and players. It provides a way for applications to communicate with each other, regardless of the underlying online service or protocol.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Directplay
Global ID	3:2234
ID	716
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	gaming
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DIRECTPLAY8

Name/CLI Keyword	directplay8
Full Name	DirectPlay8

Description	DirectPlay is part of Microsoft's DirectX API. DirectPlay is a network communication library intended for computer game development, although its general nature allows it to be used for other purposes.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Directplay
Global ID	3:6073
ID	717
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	gaming
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DIRECTV-CATLG

Name/CLI Keyword	directv-catlg
Full Name	DirecTV Data Catalog
Description	A DirecTV service - Data Catalog. DirecTV (DIRECTV) is an American direct broadcast satellite service provider and broadcaster.
Introduced	-
Deprecated	-
Reference	http://www.directv.com
Global ID	3:3337
ID	723

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

DIRECTV-SOFT

Name/CLI Keyword	directv-soft
Full Name	DirectTV Software Updates
Description	Registered with IANA on port 3335 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:3335
ID	721
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False

Traffic-class	multimedia-streaming
Tunnel	False

DIRECTV-TICK

Name/CLI Keyword	directv-tick
Full Name	DirectTV Tickers
Description	Registered with IANA on port 3336 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:3336
ID	722
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

DIRECTV-WEB

Name/CLI Keyword	directv-web
Full Name	DirecTV Webcasting

Description	A DirecTV service - Webcasting. DirecTV (DIRECTV) is an American direct broadcast satellite service provider and broadcaster.
Introduced	-
Deprecated	-
Reference	http://www.directv.com
Global ID	3:3334
ID	720
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

DISCARD

Name/CLI Keyword	discard
Full Name	Discard
Description	The Discard Protocol is a service intended for testing, debugging, and measurement purposes. A host sends data to another host that supports the Discard Protocol. The data is simply discarded by the receiving host, and no response is returned.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc863
Global ID	3:9
ID	903

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DISCLOSE

Name/CLI Keyword	disclose
Full Name	Campaign Contribution Disclosures
Description	Registered with IANA on port 667 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:667
ID	575
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False

Traffic-class	bulk-data
Tunnel	False

DISCORD

Name/CLI Keyword	discord
Full Name	Discord
Description	Discord is an instant messaging and VoIP social platform providing text messaging, voice calls, video calls, and media file transfer.
Introduced	67.0.0
Deprecated	-
Reference	https://discord.com/
Global ID	13:1305
ID	1305
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

DISCOVER-COM

Name/CLI Keyword	discover-com
Full Name	Discover
Description	Discover - Financial services company.

Introduced	14.0.0
Deprecated	-
Reference	http://discover.com
Global ID	13:740
ID	1670
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

DISNEY-WEB-PORTAL

Name/CLI Keyword	disney-web-portal
Full Name	Disney
Description	Disney - Official Disney website.
Introduced	14.0.0
Deprecated	-
Reference	http://disney.com
Global ID	13:757
ID	1687
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

DISTCC

Name/CLI Keyword	distcc
Full Name	Distributed Compiler
Description	Distributed Compiler Protocol (distcc) is a tool used in software development for speeding up compilation of source code by using distributed computing over a computer network.
Introduced	-
Deprecated	-
Reference	http://distcc.googlecode.com/
Global ID	3:3632
ID	1340
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

DIXIE

Name/CLI Keyword	dixie
Full Name	DIXIE Protocol Specification
Description	OSI Directory Service defines a powerful mechanism for storing and retrieving information about objects, and for arranging those objects in a hierarchical structure. Many types of objects and information can be stored in The Directory, including white pages information, application information, service information, etc. The OSI protocol defined to allow access to this information is the Directory Access Protocol (DAP). The DAP, being an OSI application-layer program, is fairly heavy-weight and requires a substantial amount of computing power and coding investment to implement. The DIXIE protocol is designed for use by smaller hosts (e.g., Macintoshes and PCs) that do not have the computing power or necessary software to implement a full OSI protocol stack. The DIXIE protocol is also useful for any Internet application that wants a simple interface to X.500 that requires very little coding investment.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/rfc/rfc1249
Global ID	3:96
ID	967
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DLS

Name/CLI Keyword	dls
Full Name	DLS
Description	Registered with IANA on port 197 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:197
ID	1078
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DLS-MON

Name/CLI Keyword	dls-mon
Full Name	Directory Location Service Monitor
Description	Registered with IANA on port 198 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:198
ID	1085
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DMP

Name/CLI Keyword	dmp
Full Name	Cisco DMP
Description	Digital Media Player is an IP-based integrated component of the Cisco Digital Media Suite. It controls the display and playback of rich digital media. DMP is fully manageable as a standalone device, however, when it is a part of the integrated Cisco Digital Signs and Cisco Cast systems, it functions as a digital media publishing endpoint. Managing the DMP can be achieved with using the Cisco Digital Media Manager (DMM), the centralized management system component of the Cisco Digital Media Suite. The underlying protocols are FTP (for transferring files), HTTP and HTTPS for browsing, RTP and RTSP for unicast streaming. The classification is for the traffic between DMM and DMP.
Introduced	-
Deprecated	-
Reference	http://www.cisco.com/en/US/products/ps7220/index.html
Global ID	13:492
ID	1422

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-video-broadcast
P2P Technology	False
Encrypted	True
Traffic-class	broadcast-video
Tunnel	False

DN6-NLM-AUD

Name/CLI Keyword	dn6-nlm-aud
Full Name	DNSIX Network Level Module Audit
Description	Registered with IANA on port 195 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:195
ID	1044
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	naming-services
P2P Technology	False
Encrypted	False

Traffic-class	ops-admin-mgmt
Tunnel	False

DNA-CML

Name/CLI Keyword	dna-cml
Full Name	DNA-CML
Description	Registered with IANA on port 436 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:436
ID	351
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DNP

Name/CLI Keyword	dnp
Full Name	DNP3

Description	Distributed Network Protocol (DNP3) is a set of open source and public communications protocols managed by DNP3 Users Group. It is developed for communications between various types of data acquisition and control equipment mainly in utilities such as electric and water companies. It is very important in SCADA systems. It was originally developed for serial connections, hence its architecture has a data link layer, a pseudo transport layer and an application layer, but with the advent of TCP/IP networks, it was ported to IP networks.
Introduced	-
Deprecated	-
Reference	http://dnp3.org
Global ID	3:20000
ID	1341
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	industrial-protocols
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

DNS

Name/CLI Keyword	dns
Full Name	DNS
Description	Domain Name Server (DNS) is a server that translates URLs into IP addresses based on client queries. It is based on client-server architecture.
Introduced	-
Deprecated	-
Reference	https://www1.ietf.org/rfc/rfc1035.txt

Global ID	3:53
ID	72
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	naming-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

DNSIX

Name/CLI Keyword	dnsix
Full Name	DNSIX Securit Attribute Token Map
Description	Registered with IANA on port 90 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:90
ID	961
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	naming-services

P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

DOOM

Name/CLI Keyword	doom
Full Name	DOOM
Description	A first person shooter game with multiplayer support developed by Id Software
Introduced	-
Deprecated	-
Reference	http://www.idsoftware.com/games/doom/
Global ID	3:666
ID	99
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	gaming
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

DOUBAN

Name/CLI Keyword	douban
Full Name	Douban

Description	Douban - Chinese social networking service.
Introduced	14.0.0
Deprecated	-
Reference	http://douban.com
Global ID	13:639
ID	1568
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

DOUYIN

Name/CLI Keyword	douyin
Full Name	Douyin
Description	Douyin, the Chinese version for TikTok, is a video-sharing social networking service owned by ByteDance. The social media platform is used to make a variety of short-form videos, from genres like dance, comedy, and education,that have a duration from 3 seconds to 1 minute.
Introduced	54.0.0
Deprecated	-
Reference	https://www.douyin.com/
Global ID	13:1271
ID	1271

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	tiktok-group
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

DOUYIN-MEDIA

Name/CLI Keyword	douyin-media
Full Name	Douyin Media
Description	Video or audio portion of Douyin calls
Introduced	56.0.0
Deprecated	-
Reference	https://www.douyin.com/
Global ID	13:1274
ID	1274
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	tiktok-group
Business Relevance	business-irrelevant
Category	voice-and-video
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True

Traffic-class	multimedia-conferencing
Tunnel	False

DPSI

Name/CLI Keyword	dpsi
Full Name	DPSI
Description	Registered with IANA on port 315 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:315
ID	1155
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DROPBOX

Name/CLI Keyword	dropbox
Full Name	Dropbox

Description	Dropbox is a free cloud storage service that lets users synchronize and share files and folders. It can be installed and viewed through multiple desktop and mobile platforms.
Introduced	-
Deprecated	-
Reference	http://www.dropbox.com/
Global ID	3:17500
ID	1485
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	dropbox-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	consumer-cloud-storage
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

DRUDGE-REPORT-COM

Name/CLI Keyword	drudge-report-com
Full Name	Drudge Report
Description	Drudge Report - News aggregator.
Introduced	14.0.0
Deprecated	-
Reference	http://drudgereport.com
Global ID	13:745
ID	1675
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

DSFGW

Name/CLI Keyword	dsfgw
Full Name	Dsfgw
Description	Registered with IANA on port 438 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:438
ID	353
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data

Tunnel	False

DSP

Name/CLI Keyword	dsp
Full Name	Display Support Protocol
Description	Registered with IANA on port 33 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:33
ID	917
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DSP3270

Name/CLI Keyword	dsp3270
Full Name	Display Systems Protocol

Description	DSP3270 was created in 1980 in order to allow bisynchronous (BSC) 3270 terminals to communicate through an X.25 network. A PAD (packet assembler-disassembler) connected to a BSC 3270 type device communicates over the packet switched network with another PAD connected to a host computer. The protocol defines the communication between the two PADs, it is carried above the X.25 level 3 layer and so it could be called a level 4 protocol although it is not compatible with the OSI Transport layer.
Introduced	-
Deprecated	-
Reference	http://www.euclideanspace.com/coms/protocol/bi_sync/systems/dsp/index.htm
Global ID	3:246
ID	1126
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DSR

Name/CLI Keyword	dsr
Full Name	DSR Protocol
Description	Dynamic Source Routing (DSR) is a routing protocol for wireless mesh networks. It forms a route on-demand when a transmitting computer requests one, and uses source routing instead of relying on the routing table at each intermediate device.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc4728

Global ID	1:48
ID	1240
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DTAG-STE-SB

Name/CLI Keyword	dtag-ste-sb
Full Name	DTAG
Description	Registered with IANA on port 352 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:352
ID	268
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

DTK

Name/CLI Keyword	dtk
Full Name	DTK
Description	The Deception ToolKit (DTK) is a toolkit designed to give defenders a couple of orders of magnitude advantage over attackers. In DTK, the deception is intended to make it appear to attackers as if the system running DTK has a large number of widely known vulnerabilities.
Introduced	-
Deprecated	-
Reference	http://all.net/dtk/index.html
Global ID	3:365
ID	281
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

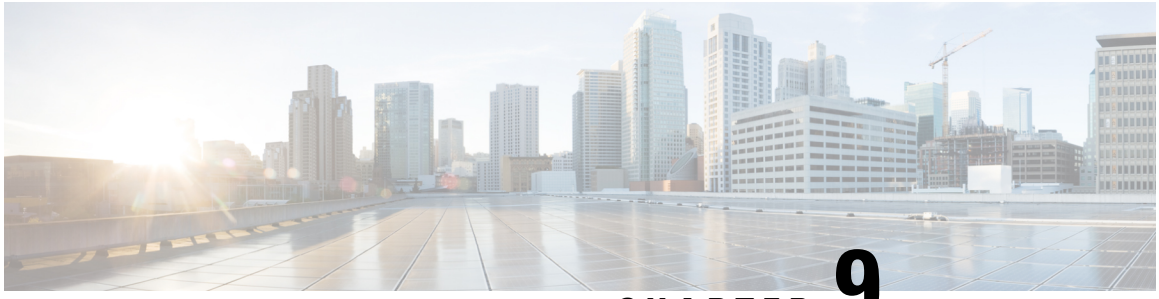
DTLS

Name/CLI Keyword	dtls
Full Name	DTLS
Description	The DTLS protocol provides communications privacy for datagram protocols. The protocol allows client/server applications to communicate in a way that is designed to prevent eavesdropping, tampering, or message forgery. The DTLS protocol is based on the Transport Layer Security (TLS) protocol and provides equivalent security guarantees. Datagram semantics of the underlying transport are preserved by the DTLS protocol.
Introduced	-
Deprecated	-
Reference	https://tools.ietf.org/html/rfc4347
Global ID	13:1077
ID	1077
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	browsing
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	True

DWR

Name/CLI Keyword	dwr
Full Name	DWR

Description	Registered with IANA on port 644 TCP/UDP. Domain-Wide Multicast Group Membership Reports (DWRs) are a group membership protocol at the domain level.
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:644
ID	553
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False



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E-ONLINE

Name/CLI Keyword	e-online
Full Name	E! Online
Description	E! Online - Online entertainment news.
Introduced	14.0.0
Deprecated	-
Reference	http://eonline.com
Global ID	13:723
ID	1653
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

EBAY

Name/CLI Keyword	ebay

Full Name	eBay
Description	ebay is a multinational e-commerce corporation that facilitates consumer-to-consumer and business-to-consumer sales through its website.
Introduced	38.0.0
Deprecated	-
Reference	http://ebay.com
Global ID	13:270
ID	270
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

ECHO

Name/CLI Keyword	echo
Full Name	Echo Protocol
Description	Echo is a protocol that is used for debugging and measurement. It works by sending back all the data that was received from the source. The protocol works on TCP and UDP, typically on port 7.
Introduced	-
Deprecated	-
Reference	http://www.faqs.org/rfcs/rfc862.html
Global ID	3:7

ID	101
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

EDONKEY

Name/CLI Keyword	edonkey
Full Name	eDonkey
Description	eDonkey is peer-to-peer file sharing adopted to share large files. The network is based on multiple decentralized servers. Each client must be connected to a server to enter the network. edonkey-static and eMule are also required to fully detect or prevent this application traffic.
Introduced	-
Deprecated	-
Reference	http://web.archive.org/web/20010213200827/www.edonkey2000.com/overview.html
Global ID	13:67
ID	67
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	edonkey-emule-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing

Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

EDONKEY-STATIC

Name/CLI Keyword	edonkey-static
Full Name	eDonkey Static
Description	eDonkey is a peer-to-peer file sharing adopted to share large files. The network is based on multiple decentralized servers ,each client must be connected to a server to enter the network. edonkey-static and eMule are also required to fully detect or prevent this application traffic.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/EDonkey_network
Global ID	13:416
ID	1333
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	edonkey-emule-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

EGP

Name/CLI Keyword	egp
Full Name	EGP
Description	Exterior Gateway Protocol (EGP) is a protocol used to convey network information between neighboring gateways, or autonomic systems. This way the gateways acquire neighbors, monitor neighbor reachability and exchange net-reachability information in the form of update messages. EGP is IP protocol number 8.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc904
Global ID	1:8
ID	4
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

EHOW-WEB-PORTAL

Name/CLI Keyword	ehow-web-portal
Full Name	eHow
Description	eHow - Website featuring tutorials on a wide variety of subjects.
Introduced	14.0.0

Deprecated	-
Reference	http://ehow.com
Global ID	13:727
ID	1657
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

EIGRP

Name/CLI Keyword	eigrp
Full Name	IGRP
Description	Enhanced Interior Gateway Routing Protocol (EIGRP) is an interior gateway protocol. It is an advanced distance-vector routing protocol, with optimizations to minimize both the routing instability incurred after topology changes, as well as the use of bandwidth and processing power in the router. The protocol is usually known as IP protocol 88 as default.
Introduced	-
Deprecated	-
Reference	http://www.cisco.com/en/US/tech/tk365/technologies_white_paper09186a0080094cb7.shtml
Global ID	1:88
ID	7
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

ELCSD

Name/CLI Keyword	elcsd
Full Name	Errlog Copy/Server Daemon
Description	Registered with IANA on port 704 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:704
ID	608
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	ops-admin-mgmt

Tunnel	unassigned

EMBL-NDT

Name/CLI Keyword	embl-ndt
Full Name	EMBL Nucleic Data Transfer
Description	Registered with IANA on port 394 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:394
ID	310
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

EMCON

Name/CLI Keyword	emcon
Full Name	Emission Control Protocol
Description	Registered with IANA as IP Protocol 14
Introduced	-

Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:14
ID	769
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

EMFIS-CNTL

Name/CLI Keyword	emfis-cntl
Full Name	EMFIS Control Service
Description	Registered with IANA on port 141 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:141
ID	933
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

EMFIS-DATA

Name/CLI Keyword	emfis-data
Full Name	EMFIS Data Service
Description	Registered with IANA on port 140 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:140
ID	929
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ENCAP

Name/CLI Keyword	encap
Full Name	Encapsulation Header
Description	Encapsulation Protocol is an IP tunneling protocol implemented by encapsulating the IP datagram within an additional IP header, thus enabling a destination to be reached transparently without the source having to know topology specifics.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1241
Global ID	1:98
ID	852
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

ENCRYPTED-BITTORRENT

Name/CLI Keyword	encrypted-bittorrent
Full Name	Encrypted BitTorrent
Description	Encrypted BitTorrent is an attempt to provide anonymous and private BitTorrent traffic. BitTorrent is a peer-to-peer file sharing protocol used for distributing files over the internet. It identifies content by URL and is designed to integrate seamlessly with the web. The BitTorrent protocol is based on a BitTorrent tracker (server) that initializes the connections between the clients (peers).

Introduced	-
Deprecated	-
Reference	http://www.bittorrent.com/
Global ID	13:313
ID	1206
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	bittorrent-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

ENCRYPTED-EMULE

Name/CLI Keyword	encrypted-emule
Full Name	Encrypted eMule
Description	encrypted-emule, represents the encrypted traffic of eMule which is a peer-to-peer file sharing application based on eDonkey, eDonkey2000 and Kad network
Introduced	-
Deprecated	-
Reference	http://www.emule-project.net/
Global ID	13:417
ID	885
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	edonkey-emule-group

Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

ENGADGET

Name/CLI Keyword	engadget
Full Name	Engadget
Description	Engadget - E-commerce for gadgets and electronics.
Introduced	14.0.0
Deprecated	-
Reference	http://engadget.com
Global ID	13:667
ID	1596
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ENTERTAINMENT-WEEKLY

Name/CLI Keyword	entertainment-weekly
Full Name	Entertainment Weekly
Description	Entertainment Weekly - Entertainment new and video clips.
Introduced	14.0.0
Deprecated	-
Reference	http://ew.com
Global ID	13:800
ID	1728
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ENTOMB

Name/CLI Keyword	entomb
Full Name	Entomb
Description	Registered with IANA on port 775 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml

Global ID	3:775
ID	647
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ENTRUST-AAAS

Name/CLI Keyword	entrust-aaas
Full Name	Entrust-Aaas
Description	Registered with IANA on port 680 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:680
ID	588
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services

P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

ENTRUST-AAMS

Name/CLI Keyword	entrust-aams
Full Name	Entrust-AAMS
Description	Registered with IANA on port 681 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:681
ID	589
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

ENTRUST-ASH

Name/CLI Keyword	entrust-ash

Full Name	Entrust Administration Service Handler
Description	Registered with IANA on port 710 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:710
ID	613
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

ENTRUST-KMSH

Name/CLI Keyword	entrust-kmsh
Full Name	Entrust KMSH
Description	Entrust Key Management Service Handler (Entrust-KMSH) is a cryptographic key management service for Entrust, a network security company, authentication products.
Introduced	-
Deprecated	-
Reference	http://www.entrust.com/
Global ID	3:709

ID	612
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

ENTRUST-SPS

Name/CLI Keyword	entrust-sps
Full Name	Entrust SPS
Description	Registered with IANA on port 640 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:640
ID	549
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	authentication-services
P2P Technology	False

Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

EPMAP

Name/CLI Keyword	epmap
Full Name	DCE Endpoint Resolution
Description	Registered with IANA on port 135 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:135
ID	1311
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ERPC

Name/CLI Keyword	erpc
Full Name	Encore Expedited Remote Pro.Call

Description	Registered with IANA on port 121 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:121
ID	990
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ESCP-IP

Name/CLI Keyword	escp-ip
Full Name	ESCP
Description	Registered with IANA on port 621 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:621
ID	530
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ESIGNAL

Name/CLI Keyword	esignal
Full Name	eSignal
Description	Used by eSignal in their online trading line of products.
Introduced	-
Deprecated	-
Reference	http://www.esignal.com/
Global ID	3:2189
ID	1380
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data

Tunnel	False

ESPN-BROWSING

Name/CLI Keyword	espn-browsing
Full Name	ESPN Web Browsing
Description	ESPN is a global television network focused on sports-related programming. Espn-browsing protocol is used for accessing and browsing the network's websites and mobile applications for iPhone, iPad, Android and WinRT. There is a separate protocol, espn-video, for the network's video streaming services.
Introduced	-
Deprecated	-
Reference	http://www.espn.com/
Global ID	13:551
ID	1486
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	espn-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

ESPN-VIDEO

Name/CLI Keyword	espn-video
Full Name	ESPN video streaming

Description	ESPN is a global television network focused on sports-related programming. Espn-video is the protocol used for watching video streams using browser or mobile applications for iPhone, iPad, Android and WinRT.
Introduced	-
Deprecated	-
Reference	http://www.espn.com/
Global ID	13:552
ID	1487
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	espn-group
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

ESRO-EMSDP

Name/CLI Keyword	esro-emsdp
Full Name	ESRO-EMSDP V1.3
Description	Registered with IANA on port 642 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:642
ID	551

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ESRO-GEN

Name/CLI Keyword	esro-gen
Full Name	Efficient Short Remote Operations
Description	Efficient Short Remote Operations (ESRO) provide an efficient mechanism for realization of Remote Procedure Call.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc2188
Global ID	3:259
ID	1131
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False

Traffic-class	transactional-data
Tunnel	False

ETHERIP

Name/CLI Keyword	etherip
Full Name	EtherIP
Description	EtherIP is a protocol used for tunneling Ethernet packets and IEEE 802.3 MAC frames across an IP internet. It is usually used when the Layer 3 protocol is not IP, or when the Layer 3 data is obscured by encryption. EtherIP is IP protocol number 97.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc3378
Global ID	1:97
ID	851
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

ETSY

Name/CLI Keyword	etsy
Full Name	Etsy

Description	Etsy - E-commerce website for homemade or vintage items.
Introduced	14.0.0
Deprecated	-
Reference	http://etsy.com
Global ID	13:646
ID	1575
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

EUDORA-SET

Name/CLI Keyword	eudora-set
Full Name	Eudora Set
Description	Registered with IANA on port 592 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:592
ID	506
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

EUROPEAN-UNION-PORTAL

Name/CLI Keyword	european-union-portal
Full Name	European Union
Description	European Union - Official website for European Union.
Introduced	-
Deprecated	-
Reference	http://europa.eu
Global ID	13:784
ID	1712
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

EVENTBRITE

Name/CLI Keyword	eventbrite
Full Name	Eventbrite
Description	Eventbrite - Event organization and invite site.
Introduced	14.0.0
Deprecated	-
Reference	http://eventbrite.com
Global ID	13:717
ID	1647
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

EVERNOTE

Name/CLI Keyword	evernote
Full Name	Evernote
Description	Evernote - Synched note taking and web bookmarking app.
Introduced	14.0.0
Deprecated	-
Reference	http://evernote.com

Global ID	13:687
ID	1617
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

EXCHANGE

Name/CLI Keyword	exchange
Full Name	Microsoft Exchange
Description	Exchange is a protocol that allows users to synchronize and connect to their exchange server
Introduced	-
Deprecated	-
Reference	http://support.microsoft.com/kb/262986
Global ID	13:49
ID	49
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps

P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

EXEC

Name/CLI Keyword	exec
Full Name	Remote Execution Protocol
Description	Remote Execution (EXEC) protocol is used to run a program on a remote server as if it was being run on the local machine. This is accomplished by redirecting standard in/out and standard error through the connection.
Introduced	-
Deprecated	-
Reference	http://wiki.wireshark.org/Exec
Global ID	3:512
ID	426
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

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FACEBOOK

Name/CLI Keyword	facebook
Full Name	Facebook
Description	Facebook is a social network service and website.
Introduced	-
Deprecated	-
Reference	http://www.facebook.com/
Global ID	13:518
ID	1454
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	meta-group
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

FACEBOOK-AUDIO

Name/CLI Keyword	facebook-audio
Full Name	Facebook Audio Streaming
Description	Facebook audio streaming services.

Introduced	23.0.0
Deprecated	-
Reference	http://www.facebook.com
Global ID	13:1063
ID	1063
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	meta-group
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	voip-telephony
Tunnel	False

FACEBOOK-MEDIA

Name/CLI Keyword	facebook-media
Full Name	Facebook Media Streaming
Description	Facebook media streaming services.
Introduced	23.0.0
Deprecated	-
Reference	http://www.facebook.com
Global ID	13:1070
ID	1070
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	meta-group

Business Relevance	business-irrelevant
Category	social-networking
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

FACEBOOK-VIDEO

Name/CLI Keyword	facebook-video
Full Name	Facebook Video Streaming
Description	Facebook video streaming services.
Introduced	23.0.0
Deprecated	-
Reference	http://www.facebook.com
Global ID	13:1065
ID	1065
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	meta-group
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

FACETIME

Name/CLI Keyword	facetime
Full Name	FaceTime
Description	FaceTime is a video calling (video telephone) software application and related protocol developed by Apple Inc. for supported mobile devices running iOS, in addition to Macintosh computers running Mac OS X 10.6.6 and higher. FaceTime is supported on any iOS device with a forward-facing camera (that is, all iOS devices released since the iPhone 4) and on any Macintosh computer equipped with a FaceTime Camera (formerly known as an iSight Camera).
Introduced	-
Deprecated	-
Reference	http://www.apple.com/iphone/built-in-apps/facetime.html
Global ID	13:535
ID	1469
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

FASTTRACK

Name/CLI Keyword	fasttrack
Full Name	FastTrack

Description	FastTrack is a file sharing client software that is based on peer-to-peer connection. FastTrack is used by multiple file sharing applications such as Kazaa, Grokster, iMesh, and Morpheus. Initialization: Initial the connection with FastTrack server over HTTP. Search: Searching for files in FastTrack server. Download: Download request from FastTracker server.
Introduced	-
Deprecated	9.0.0
Reference	http://developer.berlios.de/projects/gift-fasttrack/
Global ID	13:57
ID	57
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

FASTTRACK-STATIC

Name/CLI Keyword	fasttrack-static
Full Name	FastTrack
Description	FastTrack is a peer-to-peer (P2P) protocol that was used by the Kazaa, Grokster, iMesh, and Morpheus file sharing programs. It is a file sharing network used mainly for the exchange of music mp3 files. FastTrack uses supernodes to improve scalability, and UUHash hashing algorithm to allow downloading from multiple sources.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/FastTrack

Global ID	13:467
ID	1322
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	fasttrack-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-networking
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

FATSERV

Name/CLI Keyword	fatserv
Full Name	Fatmen Server
Description	Registered with IANA on port 347 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:347
ID	305
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

FC

Name/CLI Keyword	fc
Full Name	Fibre Channel
Description	Internet Fibre Channel Protocol (iFCP) is a gateway-to-gateway network protocol standard which provides Fibre Channel (FC) fabric functionality to fibre channel devices over an IP network. Within the IP network, the fibre channel switching and routing infrastructure is replaced by IP components and technology.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Internet_Fibre_Channel_Protocol
Global ID	1:133
ID	1231
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

FC2

Name/CLI Keyword	fc2
Full Name	FC2
Description	FC2 is a popular Japanese blogging host and the third most popular video hosting service in Japan. Among its other services are also websites tools such as ad-free hosting, analyzer, counters and more.
Introduced	10.0.0
Deprecated	-
Reference	http://www.fc2.com
Global ID	13:580
ID	1519
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	consumer-cloud-storage
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

FCP

Name/CLI Keyword	fcp
Full Name	FirstClass Protocol

Description	FirstClass Protocol (FCP) is a transport layer networking protocol that all FirstClass communications used. The protocol guarantees error-free communications for all activities. FCP could run on several different physical layers, starting with modems and AppleTalk, and later adding Novell's IPX and TCP/IP. Both the client and server could communicate over any of these links, allowing a user to move from office to home and have access to the same server.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/FirstClass
Global ID	3:510
ID	424
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

FEDEX

Name/CLI Keyword	fedex
Full Name	FedEx
Description	FedEx - Courier delivery services.
Introduced	14.0.0
Deprecated	-
Reference	http://fedex.com
Global ID	13:681

ID	1611
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

FEEDLY

Name/CLI Keyword	feedly
Full Name	Feedly
Description	Feedly - News Aggregator.
Introduced	14.0.0
Deprecated	-
Reference	http://feedly.com
Global ID	13:652
ID	1581
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False

Encrypted	False
Traffic-class	transactional-data
Tunnel	False

FILEMAKER-ANNOUNCEMENT

Name/CLI Keyword	filemaker-announcement
Full Name	Filemaker Relational Database Application
Description	FileMaker Pro is a cross-platform relational database application from FileMaker Inc., formerly Claris, a subsidiary of Apple Inc. It integrates a database engine with a GUI-based interface, allowing users to modify the database by dragging new elements into layouts, screens, or forms.
Introduced	-
Deprecated	-
Reference	http://www.filemaker.com/
Global ID	3:2399
ID	1381
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

FILETOPIA

Name/CLI Keyword	filetopia

Full Name	Filetopia
Description	Filetopia is a secured peer to peer file sharing software which enables the user to chat, message and share files with other users online. Filetopia provides high level of security and privacy which protect users IP
Introduced	-
Deprecated	-
Reference	http://www.filetopia.org/
Global ID	13:433
ID	432
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

FINGER

Name/CLI Keyword	finger
Full Name	Finger Protocol
Description	The Finger/Name protocol provides an interface to the Name and Finger programs at several network sites. These programs return a friendly, human-oriented status report on either the system at the moment or a particular person in depth.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc1288.txt
Global ID	3:79

ID	14
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

FIRE

Name/CLI Keyword	fire
Full Name	Fire
Description	Registered with IANA as IP Protocol 125
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:125
ID	879
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned

Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

FIVER

Name/CLI Keyword	fiver
Full Name	Fiverr
Description	Fiverr - E-Commerce site generally for $5.
Introduced	14.0.0
Deprecated	-
Reference	http://fiverr.com
Global ID	13:682
ID	1612
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

FIX

Name/CLI Keyword	fix
Full Name	FIX Protocol

Description	Financial Information eXchange (FIX) is a standard way to communicate trading information electronically between brokers, institutions and markets. The underlying protocol is SSL.
Introduced	-
Deprecated	-
Reference	http://www.fixprotocol.org/what-is-fix.shtml
Global ID	13:74
ID	74
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

FLASH-VIDEO

Name/CLI Keyword	flash-video
Full Name	Flash Video
Description	Flash video is a format used to stream videos on the web; the user only needs a flash player in order to view a flash video. The format uses HTTP as its underlying protocol.
Introduced	-
Deprecated	-
Reference	http://download.macromedia.com/f4v/video_file_format_spec_v10_1.pdf
Global ID	13:299
ID	117

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	flash-group
Business Relevance	default
Category	browsing
Sub Category	enterprise-rich-media-content
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

FLASHMYSPACE

Name/CLI Keyword	flashmyspace
Full Name	Flash Myspace
Description	Flash-myspace is a flash based video originated by MySpace website. Flash video is a format used to stream videos on the web, the user required only for a flash player in order to view a flash video.
Introduced	-
Deprecated	-
Reference	http://download.macromedia.com/f4v/video_file_format_spec_v10_1.pdf
Global ID	13:300
ID	119
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	flash-group
Business Relevance	business-irrelevant
Category	browsing
Sub Category	enterprise-rich-media-content
P2P Technology	False

Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

FLASHYAHOO

Name/CLI Keyword	flashyahoo
Full Name	Flash Yahoo
Description	Flash video is a format used to stream videos on the web; the user only needs a flash player in order to view a flash video. The format uses HTTP as its underlying protocol. Flash-Yahoo is the same as Flash video protocol, but specifically from the Yahoo website.
Introduced	-
Deprecated	-
Reference	http://developer.yahoo.com/flash/
Global ID	13:301
ID	118
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	flash-group
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

FLEXLM

Name/CLI Keyword	flexlm

Full Name	Flexible License Manager
Description	FlexNet Publisher (formerly known as FLEXlm) is a software license manager which implements license management and is intended to be used in corporate environments to provide floating licenses to multiple end users of computer software.
Introduced	-
Deprecated	-
Reference	http://www.flexerasoftware.com/products/flexnet-publisher.htm
Global ID	3:744
ID	620
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

FLICKR

Name/CLI Keyword	flickr
Full Name	Flickr
Description	Flickr - Image and video hosting website, web services and online community
Introduced	14.0.0
Deprecated	-
Reference	http://flickr.com
Global ID	13:641

ID	1570
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

FLN-SPX

Name/CLI Keyword	fln-spx
Full Name	Berkeley rlogind with SPX auth
Description	Registered with IANA on port 221 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:221
ID	1118
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False

Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

FONT-SERVICE

Name/CLI Keyword	font-service
Full Name	X Font Service
Description	The X Font Server is a service that serves font files to its clients. Clients connect to the server to request a font set, and the server reads the font files off the disk and serves them to the clients.
Introduced	-
Deprecated	-
Reference	http://docs.oracle.com/cd/E18728_01/html/821-2848/dsdl_sample-2.html
Global ID	3:7100
ID	1370
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

FOODNETWORK

Name/CLI Keyword	foodnetwork

Full Name	Food Network
Description	Food Network - Official website for the TV network about food and cooking.
Introduced	14.0.0
Deprecated	-
Reference	http://foodnetwork.com
Global ID	13:758
ID	1688
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

FOURSQUARE

Name/CLI Keyword	foursquare
Full Name	Foursquare
Description	Foursquare - helps you find the perfect places to go with friends.
Introduced	14.0.0
Deprecated	-
Reference	http://foursquare.com
Global ID	13:806
ID	1734
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

FOX-NEWS

Name/CLI Keyword	fox-news
Full Name	Fox News
Description	Fox News - Web Portal for news update.
Introduced	14.0.0
Deprecated	-
Reference	http://foxnews.com
Global ID	13:659
ID	1588
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data

Tunnel	False

FRING

Name/CLI Keyword	fring
Full Name	Fring
Description	Deprecated: Fring is a peer-to-peer mobile service enabling live chat, audio and video calls from mobile phones. Fring technology is a Mobile VoIP based internet telephony service. Fring runs on various mobile devices including iPhone, Android and Nokia. Fring refers to session initiation, IM and Ads.
Introduced	-
Deprecated	32.0.0
Reference	http://www.fring.com/what-is-fring
Global ID	13:54
ID	1052
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	fring-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	True
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

FRING-VIDEO

Name/CLI Keyword	fring-video
Full Name	Fring Video

Description	Deprecated: Fring Video refers to Fring video calls. Fring is a peer-to-peer mobile service enabling live chat, audio and video calls from mobile phones. Fring technology is a Mobile VoIP based internet telephony service. Fring runs on various mobile devices including iPhone, Android and Nokia.
Introduced	-
Deprecated	32.0.0
Reference	http://www.fring.com/what-is-fring
Global ID	13:60
ID	1040
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	fring-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	True
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

FRING-VOIP

Name/CLI Keyword	fring-voip
Full Name	Fring VoIP
Description	Deprecated: Fring VoIP refers to Fring audio calls. Fring is a peer-to-peer mobile service enabling live chat, audio and video calls from mobile phones. Fring technology is a Mobile VoIP based internet telephony service. Fring runs on various mobile devices including iPhone, Android and Nokia.
Introduced	-
Deprecated	32.0.0
Reference	http://www.fring.com/what-is-fring
Global ID	13:444

ID	1053
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	fring-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	True
Encrypted	False
Traffic-class	voip-telephony
Tunnel	False

FTP

Name/CLI Keyword	ftp
Full Name	File Transfer Protocol
Description	File Transfer Protocol (FTP) is used to transfer files between hosts over TCP networks and is based on client-server architecture. An FTP server usually listens on port 21.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc959.txt
Global ID	3:21
ID	2
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ftp-group
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

FTP-AGENT

Name/CLI Keyword	ftp-agent
Full Name	FTP Software Agent System
Description	Registered with IANA on port 574 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:574
ID	488
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ftp-group
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

FTP-DATA

Name/CLI Keyword	ftp-data

Full Name	FTP
Description	FTP is built on a client-server architecture and uses separate control and data connections between the client and the server. FTP users may authenticate themselves using a clear-text sign-in protocol, normally in the form of a username and password, but can connect anonymously if the server is configured to allow it.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc959
Global ID	3:20
ID	909
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ftp-group
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

FTPS-DATA

Name/CLI Keyword	ftps-data
Full Name	Secure FTP
Description	FTPS (also known as FTP Secure and FTP-SSL) is an extension to the commonly used File Transfer Protocol (FTP) that adds support for the Transport Layer Security (TLS) and the Secure Sockets Layer (SSL) cryptographic protocols.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/FTPS

Global ID	3:989
ID	668
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ftp-group
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

FUJITSU-DEV

Name/CLI Keyword	fujitsu-dev
Full Name	Fujitsu Device Control
Description	Fujitsu Device Control is a system that controls devices within a house, to reduce the effort required of a user during authentication, as well as to prevent unauthorized access by a third party. By Fujitsu Limited, a Japanese IT services provider.
Introduced	-
Deprecated	-
Reference	http://www.fujitsu.com/global/
Global ID	3:747
ID	621
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

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GACP

Name/CLI Keyword	gacp
Full Name	Gateway Access Control Protocol
Description	Registered with IANA on port 190 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:190

ID	1034
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

GAME-SPY

Name/CLI Keyword	game-spy
Full Name	GameSpy Online Gaming
Description	GameSpy is network of game websites that provides online video game related services and software. GameSpy is available on PC and many other game platforms.
Introduced	-
Deprecated	-
Reference	http://www.gamespy.com/
Global ID	13:506
ID	1349
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	gaming
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

GBRIDGE

Name/CLI Keyword	gbridge
Full Name	Gbridge
Description	Deprecated: Gbridge is a free software that allows users to control PCs remotely, sync folders, share files and chat securely using a Google Account.
Introduced	-
Deprecated	32.0.0
Reference	http://www.gbridge.com
Global ID	13:530
ID	1465
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

GDOMAP

Name/CLI Keyword	gdomap

Full Name	gdomap
Description	The gdomap daemon is used by GNUstep programs to look up distributed objects of processes running across the network (and between different user accounts on a single machine). The deamon is not used for lookup where two processes belonging to the same user are using a host-local connection.
Introduced	-
Deprecated	-
Reference	http://www.gnustep.org/resources/documentation/Developer/Tools/Reference/gdomap.html
Global ID	3:538
ID	456
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

GDS_DB

Name/CLI Keyword	gds_db
Full Name	GDS DataBase
Description	Registered with IANA on port 3050 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml

Global ID	3:3050
ID	1343
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

GENIE

Name/CLI Keyword	genie
Full Name	Genie Protocol
Description	Registered with IANA on port 402 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:402
ID	317
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

GENRAD-MUX

Name/CLI Keyword	genrad-mux
Full Name	GenRad MUX
Description	Registered with IANA on port 176 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:176
ID	1021
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

GGF-NCP

Name/CLI Keyword	ggf-ncp

Full Name	GNU Generation Foundation NCP
Description	Registered with IANA on port 678 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:678
ID	586
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

GGP

Name/CLI Keyword	ggp
Full Name	GGP
Description	The Gateway-to-Gateway Protocol (GGP) is an obsolete protocol defined for routing datagrams between Internet gateways. The Gateway-to-Gateway Protocol was designed as an Internet Protocol (IP) datagram service similar to the Transmission Control Protocol (TCP) and the User Datagram Protocol (UDP). However, it is classified as an Internet Layer protocol. GGP uses a minimum hop algorithm, in which it measures distance in router hops. A router is defined to be zero hops from directly connected networks, one hop from networks that are reachable through one other gateway. The protocol implements a distributed shortest-path methodologies, and therefore requires global convergence of the routing tables after any change of link connectivity in the network.
Introduced	-

Deprecated	-
Reference	http://en.wikipedia.org/wiki/Gateway-to-Gateway_Protocol
Global ID	1:3
ID	759
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

GHOSTSURF

Name/CLI Keyword	ghostsurf
Full Name	GhostSurf Anonymous Internet Surfing Application
Description	GhostSurf is an Internet privacy product that makes users virtually invisible on the Internet and ensures a secure surfing experience. GhostSurf uses an advanced encryption model to encrypt the Internet connection
Introduced	-
Deprecated	7.0.0
Reference	http://www.ghostsurf-pro.com/
Global ID	13:503
ID	1439
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

GINAD

Name/CLI Keyword	ginad
Full Name	Ginad
Description	Registered with IANA on port 634 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:634
ID	543
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

GITHUB

Name/CLI Keyword	github
Full Name	GitHub
Description	GitHub - Code management portal for open Source projects.
Introduced	14.0.0
Deprecated	-
Reference	http://github.com
Global ID	13:625
ID	1554
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

GITHUB-COPILOT

Name/CLI Keyword	github-copilot
Full Name	GitHub Copilot
Description	GitHub Copilot (owned by Microsoft) is an AI coding assistant that helps you write code faster and with less effort.
Introduced	75.0.0
Deprecated	-
Reference	https://docs.github.com/en/copilot

Global ID	13:1770
ID	1770
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	gen-ai
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

GIZMODO

Name/CLI Keyword	gizmodo
Full Name	Gizmodo
Description	Gizmodo - Blogs about design and technology.
Introduced	14.0.0
Deprecated	-
Reference	http://gizmodo.com
Global ID	13:688
ID	1618
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

GKRELLM

Name/CLI Keyword	gkrellm
Full Name	GKrellM
Description	GNU Krell Monitors (GKrellM) is a computer program based on the GTK+ toolkit that creates a single process stack of system monitors. It can be used to monitor the status of CPUs, main memory, hard disks, network interfaces, local and remote mailboxes, and many other things. Plugins are available for a multitude of tasks, for example, controlling the XMMS media player or a SETI@home client from within the stacked monitor. GKrellM is popular among users of Linux and other Unix-like operating systems.
Introduced	-
Deprecated	-
Reference	http://www.gkrellm.net/
Global ID	3:19150
ID	1344
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

GMAIL

Name/CLI Keyword	gmail
Full Name	Gmail
Description	GMAIL is a free web based email service provided by Google Inc. The underlying protocols for GMAIL are SSL and HTTP.
Introduced	-
Deprecated	-
Reference	http://mail.google.com/mail/
Global ID	13:462
ID	1073
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

GMTP

Name/CLI Keyword	gmtp
Full Name	GMTP
Description	Graphical Media Transfer Protocol (gMTP) is a lightweight graphical MTP media client for UNIX and UNIX-like systems. It supports all MTP-based devices including MP3 players, Media Players, Tablets and Mobile Phones. gMTP Is IP protocol number 100.
Introduced	-

Deprecated	-
Reference	http://gmtp.sourceforge.net
Global ID	1:100
ID	854
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

GMX-MAIL

Name/CLI Keyword	gmx-mail
Full Name	GMX Mail
Description	GMX Mail - German based webmail service.
Introduced	14.0.0
Deprecated	-
Reference	http://gmx.co
Global ID	13:662
ID	1591
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant

Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

GNUTELLA

Name/CLI Keyword	gnutella
Full Name	Gnutella
Description	Gnutella is decentralized and open-source peer-to-peer file sharing protocol used by various clients such as BearShare, Shareeza, Morpheus, etc. Using a Gnutella client, files can be shared, located and downloaded by another Gnutella client.
Introduced	-
Deprecated	-
Reference	http://rfc-gnutella.sourceforge.net/
Global ID	13:58
ID	58
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	gnutella-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

GO-LOGIN

Name/CLI Keyword	go-login
Full Name	GraphOn Login
Description	GraphOn Login is a protocol used by GraphOn, a company that develops secure cloud application delivery solutions.
Introduced	-
Deprecated	-
Reference	http://www.graphon.com/
Global ID	3:491
ID	405
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

GOBOOGY

Name/CLI Keyword	goboogy
Full Name	GoBoogy
Description	A korean P2P file sharing software.
Introduced	-
Deprecated	-
Reference	http://goboogy.com/

Global ID	3:5325
ID	1345
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	file-transfer
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

GODADDY

Name/CLI Keyword	godaddy
Full Name	GoDaddy
Description	GoDaddy - Domain registrar.
Introduced	14.0.0
Deprecated	-
Reference	http://godaddy.com
Global ID	13:640
ID	1569
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

GOODREADS

Name/CLI Keyword	goodreads
Full Name	Goodreads
Description	Goodreads - Book review and cataloging.
Introduced	14.0.0
Deprecated	-
Reference	http://goodreads.com
Global ID	13:670
ID	1599
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

GOOGLE-ACCOUNTS

Name/CLI Keyword	google-accounts
Full Name	Google Accounts Authentication

Description	Google Accounts Authentication protocol covers the traffic logging into Google services using Google certificates.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Google_Account
Global ID	13:528
ID	1440
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

GOOGLE-AI

Name/CLI Keyword	google-ai
Full Name	GOOGLE AI
Description	Google AI services affect a range of Google products, including the Gemini AI assistant and Google Workspace applications.
Introduced	75.0.0
Deprecated	-
Reference	https://ai.google/
Global ID	13:1482
ID	1482
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-relevant
Category	gen-ai
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

GOOGLE-CHAT

Name/CLI Keyword	google-chat
Full Name	Google Chat
Description	Google Chat is a messaging and team collaboration platform supporting text, images, video, and file transfer.
Introduced	64.0.0
Deprecated	-
Reference	https://chat.google.com
Global ID	13:1288
ID	1288
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data

Tunnel	False

GOOGLE-DOCS

Name/CLI Keyword	google-docs
Full Name	Google Docs\Drive
Description	Google Docs also known as Google Drive, is a free, web-based office suite and data storage service, offered by Google Inc. It enables the user to create and edit documents in different formats. In addition, it allows to upload, host view and share files with other users.
Introduced	-
Deprecated	-
Reference	https://docs.google.com/#home
Global ID	13:522
ID	1458
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	consumer-cloud-storage
P2P Technology	True
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

GOOGLE-DOWNLOADS

Name/CLI Keyword	google-downloads
Full Name	Google Downloads Services
Description	Google downloads and updates used by google applications.

Introduced	-
Deprecated	-
Reference	http://dl.google.com/
Global ID	13:1081
ID	1081
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	default
Category	software-updates
Sub Category	other
P2P Technology	False
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	False

GOOGLE-EARTH

Name/CLI Keyword	google-earth
Full Name	Google Earth
Description	Google Earth is an application that lets the user view the world virtually though satellite imagery, maps and 3D buildings, etc. The application runs on Windows, MAC and Linux OS. The underlying protocol of Google Earth is HTTP.
Introduced	-
Deprecated	-
Reference	http://www.google.com/earth/index.html
Global ID	13:441
ID	897
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	google-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

GOOGLE-MAPS

Name/CLI Keyword	google-maps
Full Name	Google Maps
Description	Google Maps is a platform for creating maps, and a consumer application for viewing maps, street views, satellite imagery, and so on.
Introduced	65.0.0
Deprecated	-
Reference	https://maps.google.com/
Global ID	13:1290
ID	1290
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

GOOGLE-MEET

Name/CLI Keyword	google-meet
Full Name	Google Meet
Description	Google Meet (formerly Hangouts Meet) is a videoconferencing service.
Introduced	64.0.0
Deprecated	-
Reference	https://meet.google.com/
Global ID	13:1284
ID	1284
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

GOOGLE-MEET-AUDIO

Name/CLI Keyword	google-meet-audio
Full Name	Google Meet Audio
Description	Audio traffic for Google Meet (formerly Hangouts Meet).
Introduced	64.0.0
Deprecated	-
Reference	https://meet.google.com/

Global ID	13:1285
ID	1285
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	True
Encrypted	True
Traffic-class	voip-telephony
Tunnel	False

GOOGLE-MEET-MEDIA

Name/CLI Keyword	google-meet-media
Full Name	Google Meet Media
Description	Media traffic for Google Meet (formerly Hangouts Meet).
Introduced	64.0.0
Deprecated	-
Reference	https://meet.google.com/
Global ID	13:1287
ID	1287
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging

P2P Technology	True
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

GOOGLE-MEET-VIDEO

Name/CLI Keyword	google-meet-video
Full Name	Google Meet Video
Description	Video traffic for Google Meet (formerly Hangouts Meet).
Introduced	64.0.0
Deprecated	-
Reference	https://meet.google.com/
Global ID	13:1286
ID	1286
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	True
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

GOOGLE-PHOTOS

Name/CLI Keyword	google-photos
Full Name	Google Photos

Description	Google Photos is a photo sharing and storage service developed by Google.
Introduced	46.0.0
Deprecated	-
Reference	https://photos.google.com/
Global ID	13:1264
ID	1264
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	consumer-cloud-storage
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

GOOGLE-PLAY

Name/CLI Keyword	google-play
Full Name	Google Play
Description	Google Play, formerly known as Android Market, is a Google operated digital store for applications developed with the Android operating system SDK, published through Google.
Introduced	11.0.0
Deprecated	-
Reference	https://play.google.com
Global ID	13:589
ID	1528
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	google-group
Business Relevance	default
Category	software-updates
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

GOOGLE-PLUS

Name/CLI Keyword	google-plus
Full Name	Google+
Description	Google plus is a social networking web and mobile application provided by Google Inc. It enables the user to open account, invite other friends and sort them into circles. It also has features such as chat, video chat, games, apps, photos sharing and more.
Introduced	-
Deprecated	65.0.0
Reference	https://plus.google.com/
Global ID	13:521
ID	1457
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	consumer-web-browsing
P2P Technology	True

Encrypted	True
Traffic-class	transactional-data
Tunnel	False

GOOGLE-SERVICES

Name/CLI Keyword	google-services
Full Name	Google Services
Description	google-services is a set of tools and APIs used by Google applications.
Introduced	-
Deprecated	-
Reference	https://www.google.com/
Global ID	13:520
ID	1456
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	True
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

GOOGLE-SERVICES-AUDIO

Name/CLI Keyword	google-services-audio
Full Name	Google Services Audio

Description	Audio streaming related to various Google services, APIs and collaboration software.
Introduced	23.0.0
Deprecated	-
Reference	http://www.google.com
Global ID	13:1061
ID	1061
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	default
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	False
Traffic-class	voip-telephony
Tunnel	False

GOOGLE-SERVICES-MEDIA

Name/CLI Keyword	google-services-media
Full Name	Google Services Media
Description	Media streaming related to various Google services, APIs and collaboration software.
Introduced	23.0.0
Deprecated	-
Reference	http://www.google.com
Global ID	13:1071
ID	1071
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	google-group
Business Relevance	default
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

GOOGLE-SERVICES-VIDEO

Name/CLI Keyword	google-services-video
Full Name	Google Services Video
Description	Video streaming related to various Google services, APIs and collaboration software.
Introduced	23.0.0
Deprecated	-
Reference	http://www.google.com
Global ID	13:1062
ID	1062
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	default
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing

Tunnel	False

GOOGLE-TRANSLATE

Name/CLI Keyword	google-translate
Full Name	Google Translate
Description	Google Translate is a multilingual translation service.
Introduced	65.0.0
Deprecated	-
Reference	https://translate.google.com/
Global ID	13:1289
ID	1289
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

GOPHER

Name/CLI Keyword	gopher
Full Name	Gopher
Description	Gopher is a TCP/IP application layer protocol designed for distributing, searching, and retrieving documents over the Internet. The protocol is based on a client-server architecture and usually uses TCP port 70 as default.

Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1436
Global ID	3:70
ID	15
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

GOTODEVICE

Name/CLI Keyword	gotodevice
Full Name	GotoDevice
Description	GoToDevice is a cross-platform control and administration software. It offers the remote manager different management options such as remote control of the desktop, file system browsing, services and processes control, registry editing and viewing. The software usually uses TCP/UDP port 2217.
Introduced	-
Deprecated	-
Reference	http://www.gotodevice.com/
Global ID	3:2217
ID	1346
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

GOTOMEETING

Name/CLI Keyword	gotomeeting
Full Name	GoToMeeting
Description	GoToMeeting is a web-hosted service for online meeting, desktop sharing, and video conferencing that enables the user to meet with other computer users, customers, clients or colleagues via the Internet in real time.
Introduced	34.0.0
Deprecated	-
Reference	https://www.gotomeeting.com/
Global ID	13:1166
ID	1166
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	gotomeeting-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True

Traffic-class	multimedia-conferencing
Tunnel	False

GOTOMYPC

Name/CLI Keyword	gotomypc
Full Name	GoToMyPC
Description	GoToMyPC is a remote control software service that enables users to operate their computer remotely from any device. It is produced by Critix Online.
Introduced	-
Deprecated	-
Reference	http://www.gotomypc.com/
Global ID	13:499
ID	1435
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

GRAPHICS

Name/CLI Keyword	graphics
Full Name	Graphics
Description	Registered with IANA on port 41 TCP/UDP

Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:41
ID	921
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

GRE

Name/CLI Keyword	gre
Full Name	GRE
Description	Generic Routing Encapsulation (GRE) is a protocol used for encapsulation of a network layer over another. The protocol encapsulates the packet and saves the protocol type of the payload packet so the receivers know what network layer was encapsulated, and digests the packet respectively. Usually the protocol uses IP port 47.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc2784
Global ID	1:47
ID	5

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

GREE

Name/CLI Keyword	gree
Full Name	GREE
Description	GREE is a Japanese social gaming platform. Games developed for GREE offer the users a gaming intended social network on which they can share comments and likes, upload photos and game screenshots, create avatars, share games and more.
Introduced	12.0.0
Deprecated	-
Reference	http://gree.net
Global ID	13:597
ID	1536
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	gaming
Sub Category	other

P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

GRIDFTP

Name/CLI Keyword	gridftp
Full Name	GridFTP
Description	GridFTP is an extension of the standard File Transfer Protocol (FTP) for use with Grid computing. It is defined as part of the Globus toolkit, under the organization of the Global Grid Forum. The aim of GridFTP is to provide a more reliable and high performance file transfer for Grid computing applications.
Introduced	-
Deprecated	-
Reference	http://www.globus.org/grid_software/data/gridftp.php
Global ID	13:451
ID	1309
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ftp-group
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

GROOVE

Name/CLI Keyword	groove
Full Name	Groove
Description	Microsoft SharePoint Workspace, previously known as Microsoft Office Groove, is a desktop application designed for document collaboration in teams with members who are regularly off-line or who do not share the same network security clearance.
Introduced	-
Deprecated	-
Reference	http://office.com/sharepoint-workspace/
Global ID	3:2492
ID	715
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

GROUPWISE

Name/CLI Keyword	groupwise
Full Name	GroupWise

Description	Novell GroupWise is a messaging and collaborative (groupware) platform that provides email, instant messaging, calendar, documents and personal information management. The platform is based on a client-server architecture where client software is available for Windows, Mac OS X, and Linux and server software is supported on Windows Server, NetWare, and Linux. GroupWise usually uses TCP/UDP port 1677.
Introduced	-
Deprecated	-
Reference	http://www.novell.com/products/groupwise/
Global ID	3:1677
ID	1347
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

GSIFTP

Name/CLI Keyword	gsiftp
Full Name	Globus GridFTP
Description	The Globus GridFTP (GSI-FTP, Grid Security Infrastructure) server and client tools and libraries make up a robust product suite designed to move large amounts of data faster, more securely, and more reliably than standard FTP.
Introduced	-
Deprecated	-
Reference	http://www.globus.org/toolkit/data/gridftp/

Global ID	3:2811
ID	1313
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ftp-group
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

GSS-HTTP

Name/CLI Keyword	gss-http
Full Name	GSS-HTTP
Description	GSS-HTTP is an authentication mechanism for HTTP based on a multi-roundrip handshake using base64-encoded GSS-API tokens encoded in the WWW-Authenticate Response Header and the Authorization Request Header.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/draft-johansson-http-gss-04#page-4
Global ID	3:488
ID	402
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	browsing

Sub Category	authentication-services
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	ops-admin-mgmt
Tunnel	unassigned

GSS-XLICEN

Name/CLI Keyword	gss-xlicen
Full Name	GNU Generation Foundation NCP
Description	Registered with IANA on port 128 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:128
ID	997
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

GTALK

Name/CLI Keyword	gtalk
Full Name	Google Talk
Description	Google Talk (GTALK) is an instant messaging service that provides both text and voice communication. Gtalk is available as an application or as a plugin in gmail. Gtalk service is being replaced with "Hangouts" service.
Introduced	-
Deprecated	63.0.0
Reference	http://en.wikipedia.org/wiki/Google_talk
Global ID	13:470
ID	1030
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

GTALK-CHAT

Name/CLI Keyword	gtalk-chat
Full Name	Google Talk Chat
Description	Google Talk Chat is the instant messaging feature of Google Talk. The underlying protocol for Google TalkChat is Extensible Messaging and Presence Protocol(XMPP), which allows users of other XMPP clients tocommunicate with Google Talk users. Google Talk isnow being replaced by Google Hangouts

Introduced	-
Deprecated	63.0.0
Reference	http://en.wikipedia.org/wiki/Google_talk
Global ID	13:464
ID	1324
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

GTALK-FT

Name/CLI Keyword	gtalk-ft
Full Name	Google Talk File Transfer
Description	Google Talk File Transfer (FT) is a feature of Google Talk (GTALK) that allows users to transfer files via GTALK. The underlying protocols for Google Talk File Transfer are Google Talk (GTALK), STUN and HTTP. Google Talk is now being replaced by Google Hangouts
Introduced	-
Deprecated	63.0.0
Reference	http://en.wikipedia.org/wiki/Google_talk
Global ID	13:308
ID	1201
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

GTALK-VIDEO

Name/CLI Keyword	gtalk-video
Full Name	Google Talk Video
Description	Google talk-video is a feature of GTALK that allows users to make video calls via Google-talk (GTALK). The underlying protocols for GTALK-VIDEO are GTALK, STUN and HTTP. Google Talk is now being replaced by Google Hangouts
Introduced	-
Deprecated	63.0.0
Reference	http://en.wikipedia.org/wiki/Google_talk
Global ID	13:471
ID	1403
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False

Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

GTALK-VOIP

Name/CLI Keyword	gtalk-voip
Full Name	Google Talk Voice
Description	Google Talk Voice is a feature of Google Talk (GTALK) that allows users to make VoIP calls. The protocol is based on Google Talk (GTALK), STUN and HTTP. Google Talk is now being replaced by Google Hangouts
Introduced	-
Deprecated	63.0.0
Reference	http://en.wikipedia.org/wiki/Google_talk
Global ID	13:305
ID	1198
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	voip-telephony
Tunnel	False

GTP-USER

Name/CLI Keyword	gtp-user

Full Name	GTP-U Plane
Description	GTP-U is a GPRS Tunneling Protocol used for carrying user data within the GPRS Core Network and between the Radio Access Network and the core network. The user data transported can be packets in any of IPv4,IPv6, or PPP formats.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/GPRS_Tunnelling_Protocol
Global ID	3:2152
ID	740
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	net-admin
Sub Category	tunneling-protocols
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	True

GURUGURU

Name/CLI Keyword	guruguru
Full Name	guruguru
Description	The Guruguru protocol is used by the Guruguru file-sharing application mostly in Japan.
Introduced	-
Deprecated	7.0.0
Reference	http://www.guruguru.co.jp
Global ID	13:436

ID	757
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

GYAO

Name/CLI Keyword	gyao
Full Name	Gyao
Description	Gyao is a video site operated by yahoo Japan
Introduced	34.0.0
Deprecated	-
Reference	https://gyao.yahoo.co.jp/
Global ID	13:1164
ID	1164
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False

Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

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H225

Name/CLI Keyword	h225
Full Name	H.225
Description	H.225 is part of the H.323 family of telecommunication protocols, used for call signaling and control.
Introduced	34.0.0
Deprecated	-
Reference	http://www.h323forum.org/standards/
Global ID	13:1172
ID	1172
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False

Traffic-class	signaling
Tunnel	False

H245

Name/CLI Keyword	h245
Full Name	H.245
Description	H.245 is a control channel protocol used within H.323 and H.324 communication sessions, and involves the line transmission of non-telephone signals.
Introduced	34.0.0
Deprecated	-
Reference	http://www.h323forum.org/standards/
Global ID	13:1173
ID	1173
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

H323

Name/CLI Keyword	h323
Full Name	H.323

Description	H.323 is a recommendation from the ITU Telecommunication Standardization Sector (ITU-T) that defines the protocols to provide audio-visual communication sessions on any packet network. The H.323 standard addresses call signaling and control, multimedia transport and control, and bandwidth control for point-to-point and multi-point conferences.
Introduced	-
Deprecated	-
Reference	http://www.h323forum.org/
Global ID	13:64
ID	64
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

HA-CLUSTER

Name/CLI Keyword	ha-cluster
Full Name	HA Cluster
Description	High-availability clusters (also known as HA clusters or failover clusters) are groups of computers that support server applications that can be reliably utilized with a minimum of downtime. They operate by harnessing redundant computers in groups or clusters that provide continued service when system components fail. HA clusters usually use a private network connection to monitor the health and status of each node in the cluster.
Introduced	-
Deprecated	-

Reference	http://en.wikipedia.org/wiki/Ha-cluster
Global ID	3:694
ID	602
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

HAMACHI

Name/CLI Keyword	hamachi
Full Name	Hamachi VPN Application
Description	Hamachi is a zero-configuration virtual private network (VPN) shareware application that is capable of establishing direct links between computers that are behind NAT firewalls without requiring reconfiguration. It is available for Microsoft Windows, Linux and MAC OS.
Introduced	-
Deprecated	-
Reference	http://www.hamachi.cc/
Global ID	3:12975
ID	1382
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

HANGOUTS

Name/CLI Keyword	hangouts
Full Name	Hangouts
Description	Google Hangouts is a communication platform developed by Google which includes instant messaging, video chat, SMS and VOIP features
Introduced	-
Deprecated	64.0.0
Reference	https://hangouts.google.com/
Global ID	13:1087
ID	1087
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

HANGOUTS-AUDIO

Name/CLI Keyword	hangouts-audio
Full Name	Hangouts Audio
Description	Google Hangouts audio
Introduced	-
Deprecated	64.0.0
Reference	https://hangouts.google.com/
Global ID	13:1090
ID	1090
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	True
Encrypted	True
Traffic-class	voip-telephony
Tunnel	False

HANGOUTS-CHAT

Name/CLI Keyword	hangouts-chat
Full Name	Hangouts Chat
Description	Google Hangouts chat
Introduced	-
Deprecated	64.0.0
Reference	https://hangouts.google.com/

Global ID	13:1091
ID	1091
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

HANGOUTS-FILE-TRANSFER

Name/CLI Keyword	hangouts-file-transfer
Full Name	Hangouts File Transfer
Description	Google Hangouts file transfer
Introduced	-
Deprecated	64.0.0
Reference	https://hangouts.google.com/
Global ID	13:1092
ID	1092
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	file-transfer

P2P Technology	True
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

HANGOUTS-MEDIA

Name/CLI Keyword	hangouts-media
Full Name	Hangouts Media
Description	Google Hangouts media
Introduced	-
Deprecated	64.0.0
Reference	https://hangouts.google.com/
Global ID	13:1088
ID	1088
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	True
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

HANGOUTS-VIDEO

Name/CLI Keyword	hangouts-video
Full Name	Hangouts Video

Description	Google Hangouts video
Introduced	-
Deprecated	64.0.0
Reference	https://hangouts.google.com/
Global ID	13:1089
ID	1089
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	True
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

HAP

Name/CLI Keyword	hap
Full Name	Host Access Protocol
Description	The Host Access Protocol (HAP) is a network layer protocol that defines the different types of host-to-network control messages and host-to-host data messages that may be exchanged over the access link connecting a host and the network packet switch node. The protocol establishes formats for these messages, and describes procedures for determining when each type of message should be transmitted and what it means when one is received.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1221
Global ID	3:661

ID	569
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	trojan
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

HASSLE

Name/CLI Keyword	hassle
Full Name	Hierarchical Access System for Sequence Libraries in Europe
Description	Registered with IANA on port 375 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:375
ID	291
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False

Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

HCP-WISMAR

Name/CLI Keyword	hcp-wismar
Full Name	Hardware Control Protocol Wismar
Description	Registered with IANA on port 686 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:686
ID	594
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

HDAP

Name/CLI Keyword	hdap
Full Name	HDAP

Description	Registered with IANA on port 263 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:263
ID	1135
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

HELLO-PORT

Name/CLI Keyword	hello-port
Full Name	HELLO Port
Description	The Dynamic Tunnel Configuration Protocol (DTCP) protocol provides a means for receivers to dynamically discover the presence of feeds and to maintain a list of operational tunnel end-points. Feeds periodically announce their tunnel end-point addresses over the unidirectional link using the HELLO message.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc3077
Global ID	3:652
ID	561

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

HEMS

Name/CLI Keyword	hems
Full Name	High-Level Entity Management System
Description	High-Level Entity Management System (HEMS) is made up of three parts: a query processor which can reside on any addressable entity, an event generator which also resides on entities, and applications which know how to send requests to the query processor and interpret the replies.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1021
Global ID	3:151
ID	981
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

HEROIX-LONGITUDE

Name/CLI Keyword	heroix-longitude
Full Name	Heroix Longitude
Description	Heroix Longitude is a self-service applications and networking performance monitoring solution. It delivers immediate, comprehensive performance information to solve multiple monitoring challenges.
Introduced	-
Deprecated	-
Reference	http://www.heroix.com/longitude_overview.html
Global ID	3:7220
ID	1383
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

HIP

Name/CLI Keyword	hip
Full Name	HIP
Description	The Host Identity Protocol (HIP) is a host identification technology for use on Internet Protocol (IP) networks. The Internet has two main name spaces, IP addresses and the Domain Name System. HIP separates the end-point identifier and locator roles of IP addresses. It introduces a Host Identity (HI) name space, based on a public key security infrastructure.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc5201
Global ID	1:139
ID	1237
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

HITACHI-SPC

Name/CLI Keyword	hitachi-spc
Full Name	Hitachi USP
Description	Hitachi Universal Storage Platform is the brand name for an Hitachi Data Systems line of enterprise storage arrays.

Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Universal_Storage_Platform
Global ID	3:20016
ID	1348
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

HL7

Name/CLI Keyword	hl7
Full Name	Health Level 7
Description	Health Level Seven is a protocol designated to exchange information between health applications. The protocol is messaged based and can give the client various information regarding his health.
Introduced	-
Deprecated	-
Reference	http://www.hl7.org/about/index.cfm?ref=nav
Global ID	13:73
ID	73
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

HMMP-IND

Name/CLI Keyword	hmmp-ind
Full Name	HMMP Indication
Description	Registered with IANA on port 612 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:612
ID	521
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

HMMP-OP

Name/CLI Keyword	hmmp-op
Full Name	HMMP Operation
Description	Registered with IANA on port 613 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:613
ID	522
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

HMP

Name/CLI Keyword	hmp
Full Name	HMP
Description	The Host Monitoring Protocol (HMP) is a connection less transport protocol. It was designed to facilitate certain simple interactions between two internet entities, one of which may be considered to be monitoring the other. It is used to collect information from Internet Gateways and TACs, and from hosts in various networks.

Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc869
Global ID	1:20
ID	774
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

HOLLYWOOD-REPORTER

Name/CLI Keyword	hollywood-reporter
Full Name	The Hollywood Reporter
Description	The Hollywood Reporter - News related to the entertainment industry.
Introduced	14.0.0
Deprecated	-
Reference	http://hollywoodreporter.com
Global ID	13:790
ID	1718
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

HOOTSUITE

Name/CLI Keyword	hootsuite
Full Name	HootSuite
Description	HootSuite - Social Network management.
Introduced	14.0.0
Deprecated	-
Reference	http://hootsuite.com
Global ID	13:668
ID	1597
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

HOPOPT

Name/CLI Keyword	hopopt
Full Name	HOPOPT
Description	Deprecated: IPv6 Hop-by-Hop Option
Introduced	-
Deprecated	9.0.0
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:0
ID	756
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

HOSTGATOR

Name/CLI Keyword	hostgator
Full Name	HostGator
Description	HostGator - Web hosting portal.
Introduced	14.0.0
Deprecated	-
Reference	http://hostgator.com

Global ID	13:709
ID	1639
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

HOSTNAME

Name/CLI Keyword	hostname
Full Name	NIC Internet Hostname Server
Description	NIC Internet Hostname Server is a TCP-based host information program and protocol running on the SRI-NIC machine. The function of this particular server is to deliver machine-readable name/address information describing networks, gateways, hosts and eventually domains, within the internet environment. As currently implemented, the server provides the information outlined in the DoD Internet Host Table Specification.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc953
Global ID	3:101
ID	972
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-relevant
Category	net-admin
Sub Category	naming-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

HOTELS-COM

Name/CLI Keyword	hotels-com
Full Name	Hotels.com
Description	Hotels.com - Webportal for finding hotel deals and booking it online.
Introduced	14.0.0
Deprecated	-
Reference	http://hotels.com
Global ID	13:715
ID	1645
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

HOTMAIL

Name/CLI Keyword	hotmail
Full Name	Hotmail Email Services
Description	Hotmail is a well-known email service provider, it is also known as Microsoft Hotmail and Live Hotmail; it provides email services (send, receive, file attachments, ... etc.) and Hotmail Calendar service as well. Hotmail service is replaced with Outlook.com .
Introduced	-
Deprecated	7.0.0
Reference	http://www.hotmail.com
Global ID	13:511
ID	1446
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

HP-ALARM-MGR

Name/CLI Keyword	hp-alarm-mgr
Full Name	HP NMC
Description	Used by HP OpenView product family that consists of network and systems management products. In 2007, HP OpenView was rebranded as HP Network Management Center.

Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/HP_OpenView
Global ID	3:383
ID	299
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

HP-COLLECTOR

Name/CLI Keyword	hp-collector
Full Name	HP Performance Data Collector
Description	Registered with IANA on port 381 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:381
ID	297
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

HP-MANAGED-NODE

Name/CLI Keyword	hp-managed-node
Full Name	HP Performance Data Managed Node
Description	The HP OpenView Performance manager, agents, and monitor combine to provide flexible distributed management solution. This solution is a single interface for centrally monitoring, analyzing, and forecasting resource utilization for distributed multivendor environments.
Introduced	-
Deprecated	-
Reference	https://h20392.www2.hp.com/portal/swdepot/displayProductInfo.do?productNumber=PERFMINFO
Global ID	3:382
ID	298
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt

Tunnel	False

HP-PDL-DATASTR

Name/CLI Keyword	hp-pdl-datastr
Full Name	PDL Data Streaming Port
Description	Page description language (PDL) is a language that describes the appearance of a printed page in a higher level than an actual output bitmap.
Introduced	-
Deprecated	-
Reference	http://www.pclviewer.com/resources/reference/
Global ID	3:9100
ID	1384
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

HTC-SERVICES

Name/CLI Keyword	htc-services
Full Name	HTC Services
Description	HTC Services are HTC mobile devices software support and HTC website traffic.
Introduced	11.0.0

Deprecated	-
Reference	http://www.htc.com
Global ID	13:595
ID	1534
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

HTTP

Name/CLI Keyword	http
Full Name	HTTP
Description	Hypertext Transfer Protocol (HTTP) is a standard for communication between web browsers and servers over the World Wide Web. The protocol works in a request-response manner over a client server computing model. The server usually listens on port 80.
Introduced	-
Deprecated	-
Reference	http://www.w3.org/Protocols/rfc2616/rfc2616.html
Global ID	3:80
ID	3
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	default
Category	browsing
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

HTTP-ALT

Name/CLI Keyword	http-alt
Full Name	HTTP Alternate
Description	HTTP Alternate is alternative port to port 80 that is used by HTTP.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc2616.txt
Global ID	3:591
ID	505
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

HTTP-LOCAL-NET

Name/CLI Keyword	http-local-net
Full Name	Local Network HTTP
Description	Local network generic HTTP traffic.
Introduced	-
Deprecated	-
Reference	None
Global ID	13:812
ID	1743
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	browsing
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

HTTP-MGMT

Name/CLI Keyword	http-mgmt
Full Name	HTTP Management
Description	Registered with IANA on port 280 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml

Global ID	3:280
ID	1141
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

HTTP-RPC-EPMAP

Name/CLI Keyword	http-rpc-epmap
Full Name	HTTP RPC Ep Map
Description	The http-rpc-epmap endpoint mapper provides CIS (COM+ Internet Services) parameters for RPC (Remote Procedure Call).
Introduced	-
Deprecated	-
Reference	http://www.cavionplus.com/pdfs/RVA_Sample.pdf
Global ID	3:593
ID	507
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	enterprise-transactional-apps

P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

HTTPS

Name/CLI Keyword	https
Full Name	HTTPS
Description	Hypertext Transfer Protocol Secure (HTTPS)
Introduced	-
Deprecated	-
Reference	https://tools.ietf.org/html/rfc2818
Global ID	3:1443
ID	1738
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	browsing
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

HUBSPOT

Name/CLI Keyword	hubspot
Full Name	HubSpot

Description	HubSpot is a developer and marketer of software products for inbound marketing and sales. Its products and services aim to provide tools for social media marketing, content management, web analytics and search engine optimization.
Introduced	35.0.0
Deprecated	-
Reference	https://www.hubspot.com/
Global ID	13:1197
ID	1197
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	hubspot-group
Business Relevance	business-irrelevant
Category	other
Sub Category	enterprise-cloud-services
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

HUFFINGTONPOST

Name/CLI Keyword	huffingtonpost
Full Name	The Huffington Post
Description	The Huffington Post - Online news website.
Introduced	14.0.0
Deprecated	-
Reference	http://huffingtonpost.co.uk
Global ID	13:628
ID	1557
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

HULU

Name/CLI Keyword	hulu
Full Name	Hulu
Description	Hulu is a Flash-based, ad-supported streaming video website that carries movies and TV series.
Introduced	-
Deprecated	-
Reference	http://www.hulu.com
Global ID	13:458
ID	1317
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming

Tunnel	False

HYBRID-POP

Name/CLI Keyword	hybrid-pop
Full Name	Hybrid Point of Presence
Description	A Hybrid Point of Presence (PoP) is an Internet router with T1 lines into the internet. The POP takes TCP/IP packets from the Internet, modulates them into a standard TV channels and feeds them to a TV system.
Introduced	-
Deprecated	-
Reference	http://cookreport.com/hybrid.shtml
Global ID	3:473
ID	387
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

HYPER-G

Name/CLI Keyword	hyper-g
Full Name	Hyper-G
Description	Hyper-G is a multi-user, multi-protocol, structured hypermedia information system. It runs as a client-server application on the Internet.

Introduced	-
Deprecated	-
Reference	http://www.jucs.org/jucs_1_4/the_hyper_g_network/Andrews_K.pdf
Global ID	3:418
ID	333
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

HYPERWAVE-ISP

Name/CLI Keyword	hyperwave-isp
Full Name	Hyperwave-ISP
Description	Hyperwave-ISP is part of the Hyperwave document management system, which focuses on document and knowledge management in intranet environments.
Introduced	-
Deprecated	-
Reference	http://www.hyperwave.com/e/index.html
Global ID	3:692
ID	600
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

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I-NLSP

Name/CLI Keyword	i-nlsp
Full Name	I-NLSP
Description	Integrated Net Layer Security Protocol (i-nlsp) was a proposition that might have been used by End Systems (ESs) and Intermediate Systems (ISs) in order to provide security services in support of TUBA (TCP and UDP with Bigger Addresses).
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/draft-ietf-tuba-inlsp-00#section-1
Global ID	1:52
ID	806
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned

Traffic-class	bulk-data
Tunnel	unassigned

IAFDBASE

Name/CLI Keyword	iafdbase
Full Name	Iafdbase
Description	Registered with IANA on port 480 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:480
ID	394
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IAFSERVER

Name/CLI Keyword	iafserver
Full Name	IAF Server

Description	IAFServer is part of the Integrated Authentication Framework (IAF), a token-based infrastructure that enables Software AG's enterprise single sign-on. In addition, it allows usage of a configurable authentication system (user database) with Software AG products across platforms.
Introduced	-
Deprecated	-
Reference	http://documentation.softwareag.com/webmethods/wmsuites/wmsuite8-2_ga/EntireX/8-2-SP1_EntireX/security/iaf.htm
Global ID	3:479
ID	393
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IASD

Name/CLI Keyword	iasd
Full Name	IASD
Description	Registered with IANA on port 432 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:432

ID	347
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IATP

Name/CLI Keyword	iatp
Full Name	IATP
Description	Registered with IANA as IP Protocol 117
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:117
ID	871
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned

Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

IAX

Name/CLI Keyword	iax
Full Name	Inter-Asterisk eXchange
Description	Inter-Asterisk eXchange protocol (IAX) is native to Asterisk PBX and is supported by a number of other softswitches and PBXs. It is used for enabling VoIP connections between servers beside client-server communication.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc5456
Global ID	3:4569
ID	1329
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IBM-APP

Name/CLI Keyword	ibm-app

Full Name	IBM Application
Description	Registered with IANA on port 385 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:385
ID	301
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IBM-DB2

Name/CLI Keyword	ibm-db2
Full Name	IBM Db2
Description	IBM DB2 is a database software solution that works on different operating systems (Linux, Unix, Windows) which provide performance for mixed workloads on distributed systems, and offers efficiencies for staffing and storage.
Introduced	-
Deprecated	-
Reference	http://www-01.ibm.com/software/data/db2/
Global ID	3:523

ID	95
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

IBM-DIRECTOR

Name/CLI Keyword	ibm-director
Full Name	IBM Director
Description	IBM Director is an element management system that manages the operation of a set of connected network resources and monitors their performance. IBM Director works on multiple server platforms including Windows and Linux. The software typically uses the TCP/UDP ports 15988, 15989, 34572, 4491, 6090, 13991, 14247-14249.
Introduced	-
Deprecated	-
Reference	http://www.ibm.com/systems/management/director
Global ID	3:4490
ID	1398
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other

Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IBPROTOCOL

Name/CLI Keyword	ibprotocol
Full Name	IBP
Description	Internet Backplane Protocol (IBP) is middleware for managing and using remote storage. It was invented to support Logistical Networking in large scale distributed systems and applications. IBP provides a mechanism for using distributed storage for logistical purposes.
Introduced	-
Deprecated	-
Reference	http://loci.cs.utk.edu/ibp/
Global ID	3:6714
ID	737
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ICLCNET-LOCATE

Name/CLI Keyword	iclcnet-locate
Full Name	ICL coNETion Locate Server
Description	Registered with IANA on port 886 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:886
ID	660
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ICLCNET_SVINFO

Name/CLI Keyword	iclcnet_svinfo
Full Name	ICL coNETion server info
Description	Registered with IANA on port 887 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:887
ID	661
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ICLOUD

Name/CLI Keyword	icloud
Full Name	iCloud
Description	iCloud is Apple's cloud computing and storage service. It provides data storage (such as music, files and iOS applications) over remote servers and enables downloading stored data to multiple devices.
Introduced	-
Deprecated	-
Reference	http://www.apple.com/icloud/
Global ID	13:564
ID	1501
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group

Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	consumer-cloud-storage
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

ICMP

Name/CLI Keyword	icmp
Full Name	ICMP
Description	Internet Control Message Protocol (ICMP) messages are typically generated in response to errors in IP datagrams or for diagnostic or routing purposes. ICMP errors are always reported to the original source IP address of the originating datagram. ICMP is IP protocol number 1. Traffic is classified only if its identified as ICMP but was not recognized as any other more granular classification such as Ping.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc792
Global ID	1:1
ID	6
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False

Traffic-class	ops-admin-mgmt
Tunnel	False

ICQ

Name/CLI Keyword	icq
Full Name	ICQ
Description	I seek you (ICQ) software is used for IM, text messaging, email, phone, and paging. The software runs on multiple platforms including PC, MAC, UNIX, pocket PC and Palm OS. ICQ is using AOL's OSCAR (Open System for CommunicAtion in Realtime). It was the first IM program and was developed by Mirabilis, then bought by AOL and currently owned by Digital Sky Technologies.
Introduced	-
Deprecated	-
Reference	http://www.icq.com/en
Global ID	13:269
ID	902
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	icq-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

ICQ-FILETRANSFER

Name/CLI Keyword	icq-filetransfer

Full Name	ICQ File Transfer
Description	ICQ File Transfer is a file transfer feature in client ICQ (I Seek You). It is based on the Open System for CommunicAtion in Realtime (OSCAR) File Transfer protocol.
Introduced	-
Deprecated	9.0.0
Reference	http://www.icq.com/support/icq_7/file_transfer/en
Global ID	13:311
ID	1204
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IDFP

Name/CLI Keyword	idfp
Full Name	IDFP
Description	Registered with IANA on port 549 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:549

ID	466
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IDPR

Name/CLI Keyword	idpr
Full Name	Inter-Domain Policy Routing Protocol
Description	Inter-Domain Policy Routing Protocol (IDPR) constructs and maintains routes between source and destination administrative domains, that provide user traffic with the services requested within the constraints stipulated for the domains transited. IDPR supports link state routing information distribution and route generation in conjunction with source specified message forwarding.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1479
Global ID	1:35
ID	789
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin

Sub Category	routing-protocol
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	network-control
Tunnel	unassigned

IDPR-CMTP

Name/CLI Keyword	idpr-cmtp
Full Name	IDPR Control Message Transport Protocol
Description	IDPR Control Message Transport Protocol constructs and maintains routes between source and destination administrative domains. These domains provide user traffic with the services requested within the constraints stipulated for the domains transited.
Introduced	-
Deprecated	-
Reference	https://trac.tools.ietf.org/rfc/rfc1477.txt
Global ID	1:38
ID	792
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

IDRP

Name/CLI Keyword	idrp
Full Name	IDRP
Description	Inter-Domain Routing Protocol (IDRP) permits a routing domain to exchange information with other routing domains to facilitate the operation of the routing and relaying functions of the Network Layer.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/draft-ietf-idr-idrp2-00
Global ID	1:45
ID	799
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	network-control
Tunnel	unassigned

IEEE-MMS

Name/CLI Keyword	ieee-mms
Full Name	IEEE MMS

Description	The IEEE Media Management System (MMS) is a distributed, multi-platform system for managing removable media. The IEEE MMS standards define a software component model for working with removable media as well as a number of protocols that define interfaces between the components. These standards enable vendors to construct applications that use removable media as well as components of an MMS that interoperate with other MMS components.
Introduced	-
Deprecated	-
Reference	http://grouper.ieee.org/groups/1619/email/pdf00001.pdf
Global ID	3:651
ID	560
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IEEE-MMS-SSL

Name/CLI Keyword	ieee-mms-ssl
Full Name	IEEE MMS SSL
Description	The IEEE Media Management System (MMS) is a distributed, multi-platform system for managing removable media. The IEEE MMS standards de?ne a software component model for working with removable media as well as a number of protocols that de?ne interfaces between the components. These standards enable vendors to construct applications that use removable media as well as components of an MMS that interoperate with other MMS components.
Introduced	-
Deprecated	-

Reference	http://grouper.ieee.org/groups/1619/email/pdf00001.pdf
Global ID	3:695
ID	603
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

IFMP

Name/CLI Keyword	ifmp
Full Name	Ipsilon Flow Management Protocol
Description	The Ipsilon Flow Management Protocol (IFMP), is a protocol for allowing a node to instruct an adjacent node to attach a layer 2 label to a specified IP flow. The label allows more efficient access to cached routing information for that flow. The label can also enable a node to switch further packets belonging to the specified flow at layer 2 rather than forwarding them at layer 3.
Introduced	-
Deprecated	-
Reference	http://www.rfc-editor.org/rfc/rfc1953.txt
Global ID	1:101
ID	855
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

IGMP

Name/CLI Keyword	igmp
Full Name	IGMP
Description	Internet Group Management Protocol, used by IP hosts to report their multicast group memberships to routers.
Introduced	37.0.0
Deprecated	-
Reference	https://tools.ietf.org/html/rfc2236
Global ID	13:1210
ID	1210
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

IGRP

Name/CLI Keyword	igrp
Full Name	Cisco IGRP
Description	Interior Gateway Routing Protocol (IGRP) is a distance vector interior routing protocol (IGP) invented by Cisco. It is used by routers to exchange routing data within an autonomous system. IGRP is a proprietary protocol. IGRP supports multiple metrics for each route, including bandwidth, delay, load, MTU, and reliability. IGRP is considered a classful routing protocol.
Introduced	-
Deprecated	-
Reference	http://www.cisco.com/en/US/tech/tk365/technologies_white_paper09186a00800c8ae1.shtml
Global ID	1:9
ID	764
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	network-control
Tunnel	unassigned

IIOP

Name/CLI Keyword	iiop
Full Name	GIOP

Description	General Inter-ORB Protocol (GIOP) is the abstract protocol by which object request brokers (ORBs) communicate. Standards associated with the protocol are maintained by the Object Management Group (OMG).
Introduced	-
Deprecated	-
Reference	http://www2.informatik.hu-berlin.de/~obecker/Lehre/SS2001/CORBA/specs/01-02-51.pdf
Global ID	3:535
ID	453
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	corba-group
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

IL

Name/CLI Keyword	il
Full Name	Internal Link Transport Protocol
Description	The Internet Link Protocol or IL is a connection-based transport layer protocol designed at Bell Labs originally as part of the Plan 9 operating system and is used to carry 9P. It is similar to TCP but much simpler.
Introduced	-
Deprecated	-
Reference	http://doc.cat-v.org/plan_9/4th_edition/papers/il/
Global ID	1:40

ID	794
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

IMAP

Name/CLI Keyword	imap
Full Name	IMAP4
Description	Internet Message Access protocol (IMAP) allows users to acess their email servers and to receive and send emails. The protocol simulates a local use when in fact it is a connection to a server. An IMAP server usually listens on port 143.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc3501
Global ID	3:143
ID	17
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	imap-group
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IMDB

Name/CLI Keyword	imdb
Full Name	IMDB
Description	IMDB - Movie information, reviews and previews.
Introduced	14.0.0
Deprecated	-
Reference	http://imdb.com
Global ID	13:529
ID	262
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

IMGUR

Name/CLI Keyword	imgur
Full Name	Imgur

Description	Imgur is an online image sharing community and image host.
Introduced	38.0.0
Deprecated	-
Reference	https://imgur.com/
Global ID	13:292
ID	292
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

IMSP

Name/CLI Keyword	imsp
Full Name	IMSP
Description	The Internet Message Support Protocol (IMSP) is designed to support the provision of mail in a medium to large scale operation. It is intended to be used as a companion to the IMAP4 protocol, providing services which are either outside the scope of mail access or which pertain to environments which must run more than one IMAP4 server in the same mail domain. The services that IMSP provides are extended mailbox management, configuration options, and address books.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/IMSP
Global ID	3:406

ID	321
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	imap-group
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

INBUSINESS

Name/CLI Keyword	inbusiness
Full Name	Intel InBusiness
Description	The Intel InBusiness eMail Station is a highly integrated email server which provides small businesses with the ability to locally manage and configure their own email accounts.
Introduced	-
Deprecated	-
Reference	http://www.intel.com/support/inbusiness/emailstation/sb/cs-014773.htm
Global ID	3:244
ID	1124
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

INDEED-COM

Name/CLI Keyword	indeed-com
Full Name	Indeed
Description	Indeed - The job search engine.
Introduced	14.0.0
Deprecated	-
Reference	http://indeed.com
Global ID	13:649
ID	1578
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

INDEPENDENT-NEWS

Name/CLI Keyword	independent-news
Full Name	Destructoid

Description	Destructoid - An independent blog focused on video games.
Introduced	14.0.0
Deprecated	-
Reference	http://independent.co.uk
Global ID	13:724
ID	1654
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

INDIATIMES

Name/CLI Keyword	indiatimes
Full Name	Indiatimes
Description	Indiatimes - Online news portal.
Introduced	14.0.0
Deprecated	-
Reference	http://indiatimes.com
Global ID	13:632
ID	1561
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

INDIEGOGO

Name/CLI Keyword	indiegogo
Full Name	Indiegogo
Description	Indiegogo - Online Fund raiser for new ideas/products.
Introduced	14.0.0
Deprecated	-
Reference	http://indiegogo.com
Global ID	13:805
ID	1733
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

INFOSEEK

Name/CLI Keyword	infoseek
Full Name	InfoSeek
Description	A popular search engine founded in 1994, bought later by The Walt Disney Company, now it's no longer in use
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Infoseek
Global ID	3:414
ID	329
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

INFUSIONSOFT

Name/CLI Keyword	infusionsoft
Full Name	Infusionsoft
Description	Infusionsoft - Software company providing solutions for sales and marketing.
Introduced	14.0.0
Deprecated	-
Reference	http://infusionsoft.com

Global ID	13:713
ID	1643
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

INGRES-NET

Name/CLI Keyword	ingres-net
Full Name	Ingres/Net
Description	Ingres/Net allows services and applications to access Ingres databases over the network.
Introduced	-
Deprecated	-
Reference	http://www.actian.com/products/ingres
Global ID	3:134
ID	1163
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps

P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

INSTAGRAM

Name/CLI Keyword	instagram
Full Name	Instagram
Description	Instagram is an online photo-sharing, video-sharing and social networking service that enables its users to take pictures and videos, apply digital filters to them, and share them on a variety of social networking services.
Introduced	12.0.0
Deprecated	-
Reference	http://instagram.com/
Global ID	13:598
ID	1537
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	meta-group
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

INSTITUT-SF

Name/CLI Keyword	institut-sf
Full Name	Institut-SF
Description	Institut Studio Francais, Institution teaching the French language. Offers online private French courses.
Introduced	37.0.0
Deprecated	-
Reference	https://www.institut-sf.com/
Global ID	13:1212
ID	1212
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

INSTITUTE-OF-HEALTH

Name/CLI Keyword	institute-of-health
Full Name	NIH
Description	NIH - National Institute of Health and Human services.
Introduced	14.0.0
Deprecated	-
Reference	http://nih.gov

Global ID	13:661
ID	1590
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

INTECOURIER

Name/CLI Keyword	intecourier
Full Name	Intecourier
Description	Registered with IANA on port 495 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:495
ID	409
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

INTEGRA-SME

Name/CLI Keyword	integra-sme
Full Name	Integra Software Management Environment
Description	Integra Software Management Environment is part of Symantec Management Platform, which provides a set of services that IT-related solutions can leverage. Solutions plug into the platform and take advantage of the platform services, such as security, reporting, communications, package deployment, and Configuration Management Database (CMDB) data.
Introduced	-
Deprecated	-
Reference	http://eval.symantec.com/mktginfo/enterprise/other_resources/b-symantec_management_platform_installation_guide_01-2009.en-us.pdf
Global ID	3:484
ID	398
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

INTERNET-AUDIO-STREAMING

Name/CLI Keyword	internet-audio-streaming
Full Name	Internet Audio Streaming Web Apps
Description	The internet audio streaming protocol gathers the top websites and web applications for audio streaming on the internet such as SoundCloud, Grooveshark and more.
Introduced	-
Deprecated	-
Reference	http://www.rdio.com/,%20http://www.soundcloud.com/,%20http://www.grooveshark.com/,%20http://www.last.fm/,%20http://www.maestro.fm/,%20http://www.mog.com/,%20http://www.slacker.com/,%20http://www.songza.com/,%20http://www.siriusxm.com/,%20http://www.deezer.com/,%20http://www.iheart.com/,%20http://www.blinkboxmusic.com/
Global ID	13:575
ID	1514
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-audio-streaming
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

INTERNET-VIDEO-STREAMING

Name/CLI Keyword	internet-video-streaming
Full Name	Internet Video Streaming Web Apps

Description	The internet video streaming protocol gathers the top websites and web applications for video streaming on the internet such as Ustream, DailyMotion and more.
Introduced	-
Deprecated	-
Reference	http://www.ustream.tv/,%20http://www.dailymotion.com/,%20http://xfinitytv.comcast.net/,%20http://www.blip.tv/,%20http://www.vimeo.com/,%20http://www.gorillavid.in/,%20http://www.veoh.com/,%20http://www.metacafe.com/,%20http://www.primewire.ag/,%20http://www.dishanywhere.com/,%20http://www.blockbusternow.com/,%20http://www.justin.tv/,%20http://www.new.livestream.com/,%20http://www.crackle.com/,%20http://www.afreeca.com/,%20http://www.filmon.com/,%20http://www.movieclips.com/,%20http://www.redbox.com/,%20http://www.crunchyroll.com/,%20http://www.adnstream.com/,%20http://www.sunshion.com/,%20http://www.marca.com/,%20http://www.telly.com/,%20http://www.freecast.com/,%20http://www.rutube.ru/,%20http://www.putlocker.com/,%20http://www.sockshare.com/,%20http://www.nowvideo.sx/,%20http://www.novamov.com/,%20http://www.videosweed.com/,%20http://www.divxstage.eu/,%20http://www.vidbux.com/,%20http://www.vidxden.com/,%20http://www.free-tv-video-online.me/,%20http://www.tubeplus.com/,%20http://www.sidereel.com/,%20http://www.tentkotta.com/,%20http://video.nationalgeographic.com/,%20http://www.videogram.com/,%20http://www.yupptv.com/
Global ID	13:574
ID	1513
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

INTRINSA

Name/CLI Keyword	intrinsa
Full Name	Intrinsa
Description	Registered with IANA on port 503 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:503
ID	417
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

INTUIT

Name/CLI Keyword	intuit
Full Name	Intuit
Description	Intuit - Software company for financial and tax related services.
Introduced	14.0.0
Deprecated	-
Reference	http://intuit.com

Global ID	13:665
ID	1594
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	intuit-group
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

INVESTOPEDIA

Name/CLI Keyword	investopedia
Full Name	Investopedia
Description	Investopedia - A wiki focused on information related to investments.
Introduced	14.0.0
Deprecated	-
Reference	http://investopedia.com
Global ID	13:783
ID	1711
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

IP-MESSENGER

Name/CLI Keyword	ip-messenger
Full Name	IP Messenger
Description	IP Messenger is a LAN Messenger for multi platforms (Windows, Mac OS, iPhone, Android). It is based on TCP/IP (UDP). It does not require server machine, its simple, lightweight and has compact size. This messenger provides instant messaging and file-transfer services.
Introduced	-
Deprecated	-
Reference	http://ipmsg.org/index.html.en
Global ID	13:475
ID	1326
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

IPASS

Name/CLI Keyword	ipass
Full Name	iPass
Description	ipass allow users to connect millions of hotspots around the world
Introduced	22.0.0
Deprecated	-
Reference	http://ipass.com/
Global ID	13:1007
ID	1007
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IPCD

Name/CLI Keyword	ipcd
Full Name	IPCD
Description	Registered with IANA on port 576 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml

Global ID	3:576
ID	490
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IPCOMP

Name/CLI Keyword	ipcomp
Full Name	IPComp
Description	IP payload compression is a protocol to reduce the size of IP datagrams. IPComp protocol will increase the overall communication performance by compressing the datagrams, provided the nodes have sufficient computation power and the communication is over slow or congested links.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc3173
Global ID	1:108
ID	862
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

IPCSERVER

Name/CLI Keyword	ipcserver
Full Name	Sun IPC server
Description	ipcserver is a client-server communication program that listens for connections from local-domain clients.
Introduced	-
Deprecated	-
Reference	http://www.superscript.com/ucspi-ipc/ipcserver.html
Global ID	3:600
ID	514
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

IPCV

Name/CLI Keyword	ipcv
Full Name	Internet Packet Core Utility
Description	Registered with IANA as IP Protocol 71
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:71
ID	825
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

IPDD

Name/CLI Keyword	ipdd
Full Name	Ipdd
Description	Registered with IANA on port 578 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml

Global ID	3:578
ID	492
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IPERF

Name/CLI Keyword	iperf
Full Name	iPerf
Description	iPerf is a widely used tool for network performance measurement and tuning.
Introduced	39.0.0
Deprecated	-
Reference	https://iperf.fr
Global ID	13:335
ID	335
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	network-management

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IPFIX

Name/CLI Keyword	ipfix
Full Name	IPFIX
Description	IPFIX is the 10th version of the protocol Netflow, which is a network protocol developed by Cisco Systems for collecting IP traffic information and monitoring network traffic. The 9th version of this protocol is classified as Netflow.
Introduced	14.0.0
Deprecated	-
Reference	https://en.wikipedia.org/wiki/IP_Flow_Information_Export
Global ID	13:606
ID	1545
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

IPINIP

Name/CLI Keyword	ipinip
Full Name	IP-in-IP
Description	IP in IP tunneling is a protocol used to encapsulate IP headers to a different IP header to share information between endpoints in different internet-networks (for example forwarding traffic from one intranet to another).
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1853
Global ID	1:4
ID	8
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	True

IPIP

Name/CLI Keyword	ipip
Full Name	IP-within-IP Encapsulation Protocol
Description	IP-within-IP Encapsulation is a method by which an IP datagram may be encapsulated (carried as payload) within an IP datagram. Encapsulation is suggested as a means to alter the normal IP routing for datagrams, by delivering them to an intermediate destination that would otherwise not be selected by the (network part of the) IP Destination Address field in the original IP header.

Introduced	-
Deprecated	-
Reference	https://tools.ietf.org/rfc/rfc2003
Global ID	1:94
ID	848
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	True

IPLT

Name/CLI Keyword	iplt
Full Name	IPLT
Description	Registered with IANA as IP Protocol 129
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:129
ID	1227
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IPP

Name/CLI Keyword	ipp
Full Name	Internet Printing Protocol(IPP)
Description	Internet Printing Protocol (IPP) provides a standard network protocol for remote printing as well as for managing print jobs, media size, resolution, and so forth. IPP can run locally or over the Internet to remote printers, and supports access control, authentication, and encryption, making it a much more capable and secure printing solution than older ones.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc2910
Global ID	3:631
ID	540
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data

Tunnel	False

IPPC

Name/CLI Keyword	ippc
Full Name	Internet Pluribus Packet Core
Description	Registered with IANA as IP Protocol 67
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:67
ID	821
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

IPSEC

Name/CLI Keyword	ipsec
Full Name	IPsec
Description	Internet Protocol Security (IPSec) is a framework used to help ensure a private and secure IP communication using cryptographic services.
Introduced	-

Deprecated	-
Reference	http://www.ietf.org/rfc/rfc2401.txt
Global ID	13:9
ID	9
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ipsec-group
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	True

IPV6-FRAG

Name/CLI Keyword	ipv6-frag
Full Name	IPv6 Fragmentation
Description	Deprecated: Fragment Header for IPv6
Introduced	-
Deprecated	9.0.0
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:44
ID	798
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IPV6-ICMP

Name/CLI Keyword	ipv6-icmp
Full Name	ICMPv6
Description	Internet Control Message Protocol version 6 (ICMPv6) is the implementation of the Internet Control Message Protocol (ICMP) for Internet Protocol version 6 (IPv6). ICMPv6 is an integral part of IPv6 and performs error reporting, diagnostic functions (e.g., ping), and a framework for extensions to implement future changes.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc4443
Global ID	1:58
ID	812
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	ops-admin-mgmt
Tunnel	unassigned

IPV6-NONXT

Name/CLI Keyword	ipv6-nonxt
Full Name	ipv6-nonxt
Description	Deprecated: No Next Header for IPv6
Introduced	-
Deprecated	9.0.0
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:59
ID	813
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IPV6-OPTS

Name/CLI Keyword	ipv6-opts
Full Name	IPv6-opts
Description	Deprecated: Destination Options for IPv6
Introduced	-
Deprecated	9.0.0
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml

Global ID	1:60
ID	814
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IPV6-ROUTE

Name/CLI Keyword	ipv6-route
Full Name	IPv6-route
Description	Deprecated: Routing Header for IPv6
Introduced	-
Deprecated	9.0.0
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:43
ID	797
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IPV6INIP

Name/CLI Keyword	ipv6inip
Full Name	IPv6 encapsulation
Description	A method and generic mechanism by which a packet is encapsulated and carried as payload within an IPv6 packet. The resulting packet is called an IPv6 tunnel packet. The forwarding path between the source and destination of the tunnel packet is called an IPv6 tunnel. The technique is called IPv6 tunneling.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc2473
Global ID	1:41
ID	795
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	True

IPX-IN-IP

Name/CLI Keyword	ipx-in-ip
Full Name	IPX-in-IP
Description	Internetwork Packet Exchange (IPX) is the OSI-model Network layer protocol in the IPX/SPX protocol stack. The IPX/SPXM protocol stack is supported by Novell's NetWare network operating system. IPX could be transported over IP, mainly for backward compatibility.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1234
Global ID	1:111
ID	865
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	True

IRC

Name/CLI Keyword	irc
Full Name	IRC
Description	Internet Relay Chat (IRC) protocol is used for chat messaging in real time. It can be used for conferencing or one-on-one chatting. The protocol works on client-server architecture with a distributed manner. An IRC server usually listens on TCP port 194.

Introduced	-
Deprecated	-
Reference	http://www.irchelp.org/irchelp/rfc/rfc.html
Global ID	3:194
ID	19
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	irc-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

IRC-SERV

Name/CLI Keyword	irc-serv
Full Name	IRC Server
Description	An IRCd, short for Internet Relay Chat daemon, is a server software that implements the IRC "Internet Relay Chat" protocol, enabling people to talk to each other via the Internet (exchanging textual messages in real time). The server listens to connections from IRC clients on a set of TCP ports. When the server is part of an IRC network, it also keeps one or more established connections to other servers/daemons.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc1459
Global ID	3:529
ID	447

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	irc-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

IRTP

Name/CLI Keyword	irtp
Full Name	IRTP
Description	The Internet Reliable Transaction Protocol (IRTP) is a transport level host-to-host protocol designed for an internet environment. It provides reliable, sequenced delivery of packets of data between hosts and multiplexer/demultiplexer streams of packets from/to user processes representing ports. It is simple to implement, with a minimum of connection management, at the possible expense of efficiency.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc938
Global ID	1:28
ID	782
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

IS99C

Name/CLI Keyword	is99c
Full Name	TIA/EIA/IS-99 modem client
Description	TIA/EIA/IS-99 modem client is a data services option standard for wideband spread spectrum digital cellular systems.
Introduced	-
Deprecated	-
Reference	http://www.tiaonline.org/standards/technology/cdma2000/documents/TIA-EIA-IS-707-A.pdf
Global ID	3:379
ID	295
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

IS99S

Name/CLI Keyword	is99s
Full Name	TIA/EIA/IS-99 modem server
Description	TIA/EIA/IS-99 modem server (IS99C) is a data services option standard for wideband spread spectrum digital cellular systems.
Introduced	-
Deprecated	-
Reference	http://www.tiaonline.org/standards/technology/cdma2000/documents/TIA-EIA-IS-707-A.pdf
Global ID	3:380
ID	296
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ISAKMP

Name/CLI Keyword	isakmp
Full Name	ISAKMP
Description	Internet Security Association and Key Management Protocol (ISAKMP) is used for establishing Security Associations and cryptographic keys in an Internet environment. Besides standard ports, the protocol also works behind NAT. The protocol usually uses UDP port 500.

Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc2408.txt
Global ID	3:500
ID	94
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ipsec-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	tunneling-protocols
P2P Technology	False
Encrypted	True
Traffic-class	network-control
Tunnel	True

ISATAP-IPV6-TUNNELED

Name/CLI Keyword	isatap-ipv6-tunneled
Full Name	ISATAP IPv6 Tunneled
Description	ISATAP is an automatic overlay tunneling mechanism that uses the underlying IPv4 network as an non-broadcast multiple access network (NBMA) link layer for IPv6. ISATAP is designed for transporting IPv6 packets within a site where a native IPv6 infrastructure is not yet available; for example, when sparse IPv6 hosts are deployed for testing. ISATAP tunnels allow individual IPv4 or IPv6 dual-stack hosts within a site to communicate with other such hosts on the same virtual link, basically creating an IPv6 network using the IPv4 infrastructure.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/ISATAP
Global ID	13:329
ID	1222

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	True

ISCSI

Name/CLI Keyword	iscsi
Full Name	iSCSI
Description	Internet Small Computer System Interface (iSCSI) is an IP-based storage networking standard for linking data storage facilities.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc3720.txt
Global ID	3:860
ID	1449
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	backup-and-storage
Sub Category	enterprise-data-center-storage
P2P Technology	False
Encrypted	False

Traffic-class	bulk-data
Tunnel	False

ISCSI-TARGET

Name/CLI Keyword	iscsi-target
Full Name	iSCSI
Description	Internet Small Computer System Interface (iSCSI) is an IP-based storage networking standard for linking data storage facilities.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc3720.txt
Global ID	3:3260
ID	1350
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ISI-GL

Name/CLI Keyword	isi-gl
Full Name	ISI Graphics Language
Description	Registered with IANA on port 55 TCP/UDP

Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:55
ID	106
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ISIS

Name/CLI Keyword	isis
Full Name	IS-IS
Description	Intermediate System-to-Intermediate System (IS-IS) routing protocol is an Interior Gateway Protocol (IGP) commonly used in large Service Provider networks. IS-IS may also be deployed in extremely large Enterprise networks. IS-IS is a link-state routing protocol, intended to provide fast convergence and excellent scalability. IS-IS is known to be very efficient in its use of network bandwidth. IS-IS is IP protocol number 124.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1142
Global ID	1:124
ID	878

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	network-control
Tunnel	unassigned

ISO-ILL

Name/CLI Keyword	iso-ill
Full Name	ISO ILL Protocol
Description	Interlibrary Loan (ILL) protocol is used for communication between various document exchange systems. It allows ILL systems at different libraries that are residing on different hardware platforms and using different software packages such as VDX to communicate with each other to request and receive electronic documents.
Introduced	-
Deprecated	-
Reference	http://www.lac-bac.gc.ca/iso/ill/main.htm
Global ID	3:499
ID	413
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ISO-IP

Name/CLI Keyword	iso-ip
Full Name	ISO-IP
Description	ISO-IP is an encapsulation of the OSI connectionless network layer protocol (CLNP) packets in IP datagrams. The intent is for implementations to use OSI network layer protocols directly over links locally, and to use the IP subnet as a link only when necessary to reach a site that is separated from the source by an IP gateway.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/rfc/rfc1070.txt
Global ID	3:147
ID	953
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ISO-TP0

Name/CLI Keyword	iso-tp0
Full Name	ISO-TP0
Description	A protocol that is used to bridge ISO TP0 packets between X.25 and TCP networks. This technique is useful when interconnecting a DDN IP internet to an X.25 subnetwork.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1086
Global ID	3:146
ID	947
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ISO-TP4

Name/CLI Keyword	iso-tp4
Full Name	ISO-TP4
Description	Transport Protocol Class 4 (TP4), one of the five transport layer protocols existing in the OSI suite, offers error recovery, performs segmentation and reassembly, and supplies multiplexing and demultiplexing of data streams over a single virtual circuit.

Introduced	-
Deprecated	-
Reference	http://www.javvin.com/protocol/TP4.html
Global ID	1:29
ID	783
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

ISO-TSAP

Name/CLI Keyword	iso-tsap
Full Name	ISO TSAP
Description	A Service Access Point (SAP) is an identifying label for network endpoints used in Open Systems Interconnection (OSI) networking. The Transport Services Access Point (TSAP) is a label for the transport layer. This protocol is an implementation of TSAP over TCP.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1006
Global ID	3:102
ID	973
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	ops-admin-mgmt
Tunnel	unassigned

ISO-TSAP-C2

Name/CLI Keyword	iso-tsap-c2
Full Name	ISO-TP2 Non-Control over TCP
Description	Implementation of ISO Transport Class 2 Non-use of Explicit Flow Control on top of TCP.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1859
Global ID	3:399
ID	314
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data

Tunnel	False

ITM-MCELL-S

Name/CLI Keyword	itm-mcell-s
Full Name	Itm-Mcell-S
Description	Registered with IANA on port 828 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:828
ID	656
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ITUNES

Name/CLI Keyword	itunes
Full Name	iTunes

Description	iTunes is a media player and media library application developed by Apple Inc. It is used to play, download, and organize digital audio and video on personal computers running the OS X and Microsoft Windows operating systems. Through the iTunes Store, users can purchase and download music, music videos, television shows, audiobooks, podcasts, movies and etc. in their MAC/ Win PC/ iDevices running iTunes. iTunes refers to all general data generated by iTunes except streaming audio and video
Introduced	-
Deprecated	-
Reference	http://www.apple.com/itunes/
Global ID	13:434
ID	461
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	os-updates
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

ITUNES-AUDIO

Name/CLI Keyword	itunes-audio
Full Name	iTunes Audio
Description	iTunes is a media player and media library application developed by Apple Inc. It is used to play, download, and organize digital audio and video on personal computers running the OS X and Microsoft Windows operating systems. Through the iTunes Store, users can purchase and download music, music videos, television shows, audiobooks, podcasts, movies, etc. on their MAC/ Win PC/ iDevices running iTunes. iTunes-audio refers to all audio streaming media services generated by iTunes such as: play music, podcasts, audiobooks, etc.

Introduced	-
Deprecated	-
Reference	http://www.apple.com/itunes/
Global ID	13:571
ID	1510
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-audio-streaming
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

ITUNES-MEDIA

Name/CLI Keyword	itunes-media
Full Name	iTunes Media
Description	Media streaming for iTunes media player and media library application.
Introduced	23.0.0
Deprecated	-
Reference	http://www.apple.com
Global ID	13:1075
ID	1075
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

ITUNES-VIDEO

Name/CLI Keyword	itunes-video
Full Name	iTunes video
Description	iTunes is a media player and media library application developed by Apple Inc. It is used to play, download, and organize digital audio and video on personal computers running the OS X and Microsoft Windows operating systems. Through the iTunes Store, users can purchase and download music, music videos, television shows, audiobooks, podcasts, movies, etc. on their MAC/ Win PC/ iDevices running iTunes. iTunes-video refers to all video streaming media services generated by iTunes such as: play movies, TV shows, videocasts, video, etc.
Introduced	-
Deprecated	-
Reference	http://www.apple.com/itunes/
Global ID	13:572
ID	1511
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	True

Traffic-class	multimedia-streaming
Tunnel	False

CHAPTER 14

Protocols: J

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JABBER

Name/CLI Keyword	jabber
Full Name	Jabber
Description	Communications protocol for message-oriented middleware based on XML (Extensible Markup Language). It enables the near-real-time exchange of structured yet extensible data between any two or more network entities.
Introduced	-
Deprecated	-
Reference	http://www.jabber.org/
Global ID	13:1038
ID	1038
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-relevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

JABBER-AUDIO

Name/CLI Keyword	jabber-audio
Full Name	Jabber Audio
Description	Communications protocol for message-oriented middleware based on XML (Extensible Markup Language). It enables the near-real-time exchange of structured yet extensible data between any two or more network entities.
Introduced	-
Deprecated	-
Reference	http://www.jabber.org/
Global ID	13:1045
ID	1045
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	voip-telephony
Tunnel	False

JABBER-VIDEO

Name/CLI Keyword	jabber-video
Full Name	Jabber Video
Description	Communications protocol for message-oriented middleware based on XML (Extensible Markup Language). It enables the near-real-time exchange of structured yet extensible data between any two or more network entities.
Introduced	-
Deprecated	-
Reference	http://www.jabber.org/
Global ID	13:1046
ID	1046
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

JARGON

Name/CLI Keyword	jargon
Full Name	Jargon
Description	Registered with IANA on port 148 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:148
ID	959
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

JAVA-WEB-PORTAL

Name/CLI Keyword	java-web-portal
Full Name	Java Update
Description	Java Update - Java update software service.
Introduced	14.0.0
Deprecated	-
Reference	http://java.com
Global ID	13:716
ID	1646
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing

Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

JIMDO

Name/CLI Keyword	jimdo
Full Name	Jimdo
Description	Jimdo - Portal for to creating web site and blog.
Introduced	14.0.0
Deprecated	-
Reference	http://jimdo.com
Global ID	13:748
ID	1678
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

JINGDONG-360BUY

Name/CLI Keyword	jingdong-360buy

Full Name	JD.com
Description	Jingdong (360buy.com) - Chinese e-commerce site.
Introduced	14.0.0
Deprecated	-
Reference	http://360buy.com
Global ID	13:624
ID	1550
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

JIRA

Name/CLI Keyword	jira
Full Name	Jira
Description	Jira is a proprietary issue tracking product, developed by Atlassian.
Introduced	35.0.0
Deprecated	-
Reference	https://jira.atlassian.com/
Global ID	13:1179
ID	1179
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	atlassian-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

JIVE-SOFTWARE

Name/CLI Keyword	jive-software
Full Name	Jive Software
Description	Jive Software is a provider of communication and collaboration solutions for business.
Introduced	35.0.0
Deprecated	-
Reference	https://www.jivesoftware.com
Global ID	13:1191
ID	1191
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	jive-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing

Tunnel	False

JOOMLA

Name/CLI Keyword	joomla
Full Name	Joomla
Description	Joomla - Content Management System for building web sites.
Introduced	14.0.0
Deprecated	-
Reference	http://joomla.org
Global ID	13:419
ID	255
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CHAPTER 15

Protocols: K

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K-BLOCK

Name/CLI Keyword	k-block
Full Name	K-Block
Description	Registered with IANA on port 287 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml

Global ID	3:287
ID	1147
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

KAFKA

Name/CLI Keyword	kafka
Full Name	Apache Kafka
Description	Apache Kafka is an open-source platform for distributed event streaming.
Introduced	67.0.0
Deprecated	-
Reference	https://kafka.apache.org/
Global ID	13:1297
ID	1297
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

KAKAO-SERVICES

Name/CLI Keyword	kakao-services
Full Name	Kakao-Services
Description	kakao-services is a set of tools and APIs used by Kakao applications such as: kakao story, kakao music, kakao website and etc.
Introduced	10.0.0
Deprecated	-
Reference	http://www.kakao.com/
Global ID	13:583
ID	1522
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	kakao-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

KAKAO-TALK

Name/CLI Keyword	kakao-talk

Full Name	KakaoTalk
Description	Kakao-Talk is a free mobile messenger application for smartphones with free multimedia messaging and free call features. Kakao-Talk was released by Kakao corporation which is based in Seoul, South Korea. It is available on most common mobile operating systems including IOS, Android and also available on PC by syncing between your PC and mobile device.
Introduced	10.0.0
Deprecated	-
Reference	http://www.kakao.com/talk/
Global ID	13:579
ID	1518
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	kakao-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

KALI

Name/CLI Keyword	kali
Full Name	IPX Network Emulator For DOS and Windows
Description	Kali is an IPX network emulator for DOS and Windows, enabling legacy multiplayer games to work over a modern TCP/IP network such as the Internet. Later versions of the software also functioned as a server browser for games that natively supported TCP/IP.
Introduced	-
Deprecated	-

Reference	http://www.kali.net/
Global ID	3:2213
ID	718
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	gaming
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

KAYAK-COM

Name/CLI Keyword	kayak-com
Full Name	KAYAK
Description	Kayak - Online Flight and Hotel reservation/deals website.
Introduced	14.0.0
Deprecated	-
Reference	http://kayak.com
Global ID	13:708
ID	1638
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing

Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

KAZAA2

Name/CLI Keyword	kazaa2
Full Name	Kazaa2
Description	Kazaa is an online music subscription service that is based on second generation peer-to-peer technology FastTracker.
Introduced	-
Deprecated	9.0.0
Reference	http://www.kazaa.com/#!/about
Global ID	13:59
ID	59
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

KERBEROS

Name/CLI Keyword	kerberos
Full Name	Kerberos
Description	Kerberos is a network authentication protocol. The protocol is used to verify identities over the internet using a trusted third party. Extensions of the protocol also use the exchange of cryptographic certification of a public key. Usually the protocol uses TCP/UDP ports 88/749 as default.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc4120.txt
Global ID	3:88
ID	21
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	kerberos-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

KERBEROS-ADM

Name/CLI Keyword	kerberos-adm
Full Name	Kerberos Administration
Description	Kerberos is a network authentication protocol. The protocol is used to verify identities over the internet using a trusted third party. Extensions of the protocol also use the exchange of cryptographic certification of a public key. Usually the protocol uses TCP/UDP ports 88/749 as default.

Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc4120
Global ID	3:749
ID	623
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

KEYHOLETV

Name/CLI Keyword	keyholetv
Full Name	KeyHoleTV
Description	KeyHoleTV is an online television portal that links to a limited selection of Japanese television channels, radio stations, and user-made channels. It has clients on Windows, Mac, Linux and iOS.
Introduced	11.0.0
Deprecated	-
Reference	http://www.oiseyer.com/index-e.php
Global ID	13:591
ID	1530
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-video-streaming
P2P Technology	True
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

KEYSERVER

Name/CLI Keyword	keyserver
Full Name	Key Server
Description	Akey server is a computer that receives and then serves existing cryptographic keys for users or other programs.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Key_server_(cryptographic)
Global ID	3:584
ID	498
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

KICKSTARTER

Name/CLI Keyword	kickstarter
Full Name	Kickstarter
Description	Kickstarter - Platform for creative projects with funding goal and deadline.
Introduced	14.0.0
Deprecated	-
Reference	http://kickstarter.com
Global ID	13:686
ID	1616
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

KIS

Name/CLI Keyword	kis
Full Name	KIS Protocol
Description	Registered with IANA on port 186 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml

Global ID	3:186
ID	1029
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

KLOGIN

Name/CLI Keyword	klogin
Full Name	Klogin
Description	Registered with IANA on port 543 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:543
ID	87
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal

P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

KNET-CMP

Name/CLI Keyword	knet-cmp
Full Name	KNET/VM Command/Message Protocol
Description	Registered with IANA on port 157 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:157
ID	1003
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

KONSPIRE2B

Name/CLI Keyword	Konspire2b

Full Name	Konspire2b
Description	konspire2b is a content distribution system that takes the standard peer-to-peer model and turns it upside-down. Instead of downloaders broadcasting search requests, content sources send out announcements for the content that they have. This simple change gives the konspire2b network several nice properties, including log-bounded distribution times.
Introduced	-
Deprecated	-
Reference	http://konspire.sourceforge.net/
Global ID	3:6085
ID	1190
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

KPASSWD

Name/CLI Keyword	kpasswd
Full Name	Kpasswd
Description	Kerberos change-password protocol (kpasswd) is a password changing service that is implemented on hosts in Kerberos realms.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/draft-ietf-cat-kerb-chg-password-02

Global ID	3:464
ID	378
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	kerberos-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	True
Traffic-class	ops-admin-mgmt
Tunnel	False

KRYPTOLAN

Name/CLI Keyword	kryptolan
Full Name	Kryptolan
Description	LAN/WAN Krypto (LWK) is a infrastructure that provides two secure functions; transport protection and data object protection. It was developed by Sectra.
Introduced	-
Deprecated	-
Reference	http://liu.diva-portal.org/smash/get/diva2:16958/FULLTEXT01
Global ID	3:398
ID	313
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

KSHELL

Name/CLI Keyword	kshell
Full Name	Kshell
Description	Registered with IANA on port 544 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:544
ID	88
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

KURO

Name/CLI Keyword	kuro

Full Name	Kuro
Description	The Kuro protocol is used by the Kuro file-sharing application popular in Japan.
Introduced	-
Deprecated	-
Reference	http://www.kuro.cn
Global ID	13:437
ID	801
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-audio-streaming
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	multimedia-streaming
Tunnel	unassigned

CHAPTER 16

Protocols: L

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L2TP

Name/CLI Keyword	l2tp
Full Name	L2TP
Description	Layer 2 Tunneling Protocol (L2TP) is a tunneling protocol used to support virtual private networks (VPNs) or as part of the delivery of services by ISPs. It does not provide any encryption or confidentiality by itself; it relies on an encryption protocol that it passes within the tunnel to provide privacy.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc2661
Global ID	1:115
ID	22
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	True

LA-MAINT

Name/CLI Keyword	la-maint
Full Name	IMP Logical Address Maintenance
Description	Registered with IANA on port 51 TCP/UDP
Introduced	-

Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:51
ID	931
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

LANSERVER

Name/CLI Keyword	lanserver
Full Name	LAN Server
Description	Registered with IANA on port 637 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:637
ID	546
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ldap-group

Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	True
Traffic-class	ops-admin-mgmt
Tunnel	False

LARP

Name/CLI Keyword	larp
Full Name	LARP
Description	Registered with IANA as IP Protocol 91
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:91
ID	845
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

LDAP

Name/CLI Keyword	ldap
Full Name	LDAP
Description	Lightweight Directory Access Protocol (LDAP) is a protocol designed to access distributed directory services. Typically it uses port 389 for TCP and UDP.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc4510
Global ID	3:389
ID	23
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ldap-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

LDP

Name/CLI Keyword	ldp
Full Name	LDP
Description	Label Distribution Protocol (LDP) is a protocol in which routers capable of Multiprotocol Label Switching (MPLS) exchange label mapping information. LDP is used to build and maintain LSP databases that are used to forward traffic through MPLS networks.
Introduced	-

Deprecated	-
Reference	http://tools.ietf.org/html/rfc5036
Global ID	3:646
ID	555
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

LEAF-1

Name/CLI Keyword	leaf-1
Full Name	Leaf-1
Description	The Leaf File Access Protocol is one of the first protocols to enable remote access to files.
Introduced	-
Deprecated	-
Reference	http://infolab.stanford.edu/TR/CS-TR-86-1137.html
Global ID	1:25
ID	779
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

LEAF-2

Name/CLI Keyword	leaf-2
Full Name	Leaf-2
Description	The Leaf File Access Protocol is one of the first protocols to enable remote access to files.
Introduced	-
Deprecated	-
Reference	http://infolab.stanford.edu/TR/CS-TR-86-1137.html
Global ID	1:26
ID	780
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

LEGENT-1

Name/CLI Keyword	legent-1
Full Name	Legent Corporation
Description	Registered with IANA on port 373 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:373
ID	289
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

LEGENT-2

Name/CLI Keyword	legent-2
Full Name	Legent Corporation
Description	Registered with IANA on port 374 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:374
ID	290
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

LETV-COM

Name/CLI Keyword	letv-com
Full Name	LeTV
Description	LeTV - Chinese online video portal.
Introduced	14.0.0
Deprecated	-
Reference	http://letv.com
Global ID	13:771
ID	1701
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing

Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

LIFESIZE

Name/CLI Keyword	lifesize
Full Name	Lifesize
Description	Lifesize is a video and audio telecommunications company providing high definition videoconferencing endpoints and accessories, touchscreen conference room phones and a cloud-based video collaboration platform.
Introduced	38.0.0
Deprecated	-
Reference	https://www.lifesize.com/
Global ID	13:1215
ID	1215
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

LINKEDIN

Name/CLI Keyword	linkedin
Full Name	LinkedIn
Description	LinkedIn is a business-oriented social networking site. It is mainly used for professional networking.
Introduced	-
Deprecated	-
Reference	http://www.linkedin.com/
Global ID	13:527
ID	1463
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

LIVEDOOR

Name/CLI Keyword	livedoor
Full Name	Livedoor
Description	Livedoor - Japanese Internet service provider.
Introduced	14.0.0
Deprecated	-
Reference	http://livedoor.com

Global ID	13:631
ID	1560
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

LIVEMEETING

Name/CLI Keyword	livemeeting
Full Name	Live Meeting
Description	Microsoft Office Live Meeting is a web conferencing service operated by Microsoft. Live Meeting includes software that is installed on client PCs, and uses a central server for all clients to connect to.
Introduced	-
Deprecated	7.0.0
Reference	http://en.wikipedia.org/wiki/Microsoft_Office_Live_Meeting
Global ID	13:474
ID	1402
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other

Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

LIVEPERSON

Name/CLI Keyword	liveperson
Full Name	LivePerson
Description	LivePerson - Online Marketing and Web analytics service provider.
Introduced	14.0.0
Deprecated	-
Reference	http://liveperson.com
Global ID	13:801
ID	1729
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

LIVESTATION

Name/CLI Keyword	livestation

Full Name	LiveStation
Description	Livestation is a platform for distributing live television and radio broadcasts over a data network. It works on Windows, Macintosh, Linux and iPhone. The underlying protocols are RTMP, HTTP and SSL.
Introduced	-
Deprecated	-
Reference	http://www.livestation.com/
Global ID	13:480
ID	1405
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

LIVESTRONG-COM

Name/CLI Keyword	livestrong-com
Full Name	LiveStrong.com
Description	LiveStrong.com - Health and fitness information.
Introduced	14.0.0
Deprecated	-
Reference	http://livestrong.com
Global ID	13:780
ID	1708

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

LJK-LOGIN

Name/CLI Keyword	ljk-login
Full Name	Ljk-Login
Description	Registered with IANA on port 472 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:472
ID	386
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False

Traffic-class	bulk-data
Tunnel	False

LLMNR

Name/CLI Keyword	llmnr
Full Name	LLMNR
Description	The Link-Local Multicast Name Resolution (LLMNR) is a protocol based on the Domain Name System (DNS) packet format that allows both IPv4 and IPv6 hosts to perform name resolution for hosts on the same local link.
Introduced	39.0.0
Deprecated	-
Reference	https://technet.microsoft.com/library/bb878128
Global ID	13:1246
ID	1246
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	naming-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

LOCKD

Name/CLI Keyword	lockd
Full Name	NFS Lock Daemon Manager

Description	NFS file locking is mainly provided by the RPC-based network lock manager (NLM) service. The program implementing NLM is usually called rpc.lockd, and must be running on both the NFS client and server machine. When a user process wants to lock a part or the whole of a file from an NFS-mounted volume, the kernel sends the lock request to the local lock daemon. This is usually done using the KLM (Kernel Lock Manager) protocol.
Introduced	-
Deprecated	-
Reference	http://www.swb.de/personal/okir/lockd.html
Global ID	3:4045
ID	96
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

LOCUS-CON

Name/CLI Keyword	locus-con
Full Name	Locus PC-Interface Conn Server
Description	Registered with IANA on port 127 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:127

ID	996
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

LOCUS-MAP

Name/CLI Keyword	locus-map
Full Name	Locus PC-Interface Net Map Server
Description	Registered with IANA on port 125 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:125
ID	994
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False

Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

LOGIN

Name/CLI Keyword	login
Full Name	Rlogin
Description	The rlogin facility provides a remote-echoed, locally flow-controlled virtual terminal with proper flushing of output.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1282
Global ID	3:513
ID	428
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

LOGLOGIC

Name/CLI Keyword	loglogic
Full Name	LogLogic

Description	LogLogic provides enterprise-class log management infrastructure and analysis that enables customers to instantly collect, centralize and analyze their data. The software collects data from both physical and virtual (cloud) sources. It stores, alerts, and reports data to help defend against security risks and threats and to monitor performance. The software typically uses TCP port 4514 for RealTime Viewer and TCP port 11965 for Loglogic Tunnel.
Introduced	-
Deprecated	-
Reference	http://www.loglogic.com/about
Global ID	3:4514
ID	1351
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

LOGMEIN

Name/CLI Keyword	logmein
Full Name	LogMeIn
Description	LogMeIn is a remote-access software that allows a user to access a PC through a web browser (logmein.com) or through mobile phones (iPhone and Android).
Introduced	-
Deprecated	-
Reference	https://secure.logmein.com/welcome/products/
Global ID	13:519

ID	1455
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

LONTALK

Name/CLI Keyword	lontalk
Full Name	LonTalk
Description	LonTalk is a networking protocol developed by the Echelon Corporation, used for communication in control networks.
Introduced	-
Deprecated	-
Reference	http://www.echelon.com/
Global ID	13:1279
ID	1279
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	network-management
P2P Technology	False

Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

LOTUS-NOTES

Name/CLI Keyword	lotus-notes
Full Name	IBM Lotus Notes
Description	IBM Lotus Notes provides integrated collaboration functionality, including email, calendaring, contacts management, to do tracking, instant messaging, an office productivity suite (IBM Lotus Symphony), and access to other Lotus Domino applications and databases.
Introduced	-
Deprecated	-
Reference	http://www-01.ibm.com/software/lotus/notesanddomino/
Global ID	3:1352
ID	1470
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	email
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

LWAPP

Name/CLI Keyword	lwapp

Full Name	LWAPP
Description	Lightweight Access Point Protocol (LWAPP) is a protocol that can control multiple Wi-Fi access points at once. This can reduce the amount of time spent on configuring, monitoring or troubleshooting a large network. The system also allows network administrators to closely analyze the network.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/RFC5412
Global ID	13:378
ID	1352
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

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MAC-OS-X-UPDATES

Name/CLI Keyword	mac-os-x-updates

Full Name	MAC OS X updates
Description	MAC OS X updates is a service that provides updates for the MAC OS X operating system and its installed components.
Introduced	11.0.0
Deprecated	-
Reference	http://www.apple.com/softwareupdate/
Global ID	13:585
ID	1524
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group
Business Relevance	default
Category	software-updates
Sub Category	os-updates
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

MAC-SRVR-ADMIN

Name/CLI Keyword	mac-srvr-admin
Full Name	MacOS Server Admin
Description	Server Admin is one of the remote administration/configuration tools for Mac OS X Server. It is used for remote administration of one or more servers. It can be used to install and setup Mac OS X Server on a remote computer, manage file share points, and configure service settings.
Introduced	-
Deprecated	-
Reference	http://support.apple.com/kb/HT5050
Global ID	3:660

ID	568
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

MAGENTA-LOGIC

Name/CLI Keyword	magenta-logic
Full Name	Magenta Logic
Description	Registered with IANA on port 313 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:313
ID	1153
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False

Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MAIL-RU

Name/CLI Keyword	mail-ru
Full Name	Mail.ru
Description	mail.ru, Russian communication web portal, Email and cloud storage services.
Introduced	13.0.0
Deprecated	-
Reference	http://mail.ru/
Global ID	13:614
ID	1553
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	consumer-cloud-storage
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

MAIL-SERVICE

Name/CLI Keyword	mail-service
Full Name	Mail Service
Description	Electronic mail Services

Introduced	20.0.0
Deprecated	-
Reference	https://en.wikipedia.org/wiki/Email
Global ID	13:1754
ID	1754
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

MAILBOX-LM

Name/CLI Keyword	mailbox-lm
Full Name	Mailbox LM
Description	Mailbox-LM is a used by FTP Daemon, a file transfer protocol server designed to work with IBM Sterling Gentran:Server for UNIX with ADD. The daemon is a tool that provides the user's trading partners direct access to their mailboxes while enabling the user to limit their access to other components of the user's EDI system.
Introduced	-
Deprecated	-
Reference	http://www-01.ibm.com/support/docview.wss?uid=swg21532169
Global ID	3:505
ID	419
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MAILCHIMP

Name/CLI Keyword	mailchimp
Full Name	MailChimp
Description	MailChimp - Email service provider.
Introduced	14.0.0
Deprecated	-
Reference	http://mailchimp.com
Global ID	13:651
ID	1580
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data

Tunnel	False

MAILQ

Name/CLI Keyword	mailq
Full Name	MAILQ
Description	Mailer transport queue for Zmailer, a mail transfer agent for Linux, BSD and other Unix-like systems.
Introduced	-
Deprecated	-
Reference	http://www.zmailer.org/
Global ID	3:174
ID	1019
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MAITRD

Name/CLI Keyword	maitrd
Full Name	Maitrd
Description	Registered with IANA on port 997 TCP/UDP
Introduced	-

Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:997
ID	676
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MANET

Name/CLI Keyword	manet
Full Name	MANETs
Description	A set of protocols used for Mobile Ad hoc Networking. With recent performance advancements in computer and wireless communications technologies, advanced mobile wireless computing is expected to see increasingly widespread use and application, much of which will involve the use of the Internet Protocol (IP) suite. The vision of mobile ad hoc networking is to support robust and efficient operation in mobile wireless networks by incorporating routing functionality into mobile nodes. Such networks are envisioned to have dynamic, sometimes rapidly-changing, random, multihop topologies which are likely composed of relatively bandwidth-constrained wireless links.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc2501
Global ID	1:138

ID	1236
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MANOLITO

Name/CLI Keyword	manolito
Full Name	Manolito
Description	Manolito is a fast peer to peer filesharing and IM application. Manolito is the base protocol for RockItNet, Piolet and Blubster.
Introduced	-
Deprecated	-
Reference	http://www.manolito.com/
Global ID	13:266
ID	383
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True

Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MAPI

Name/CLI Keyword	mapi
Full Name	MAPI
Description	Messaging Application Programming Interface (MAPI) is a built-in system in Microsoft Windows. It enables numerous email applications to work together. Microsoft Outlook uses MAPI to communicate with Microsoft Exchange.
Introduced	-
Deprecated	-
Reference	http://msdn.microsoft.com/en-us/library/aa142548(v=exchg.65).aspx
Global ID	13:78
ID	78
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MAPLESTORY

Name/CLI Keyword	maplestory

Full Name	MapleStory
Description	Maplestory is a massively multiplayer online (2D) role playing game (MMORPG) developed by the South Korean company Wizet. The protocol runs over TCP traffic and is divided into control traffic and data traffic.
Introduced	-
Deprecated	-
Reference	http://maplestory.nexon.net/
Global ID	13:448
ID	1086
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	gaming
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

MARKETO

Name/CLI Keyword	marketo
Full Name	Marketo
Description	Marketo Inc. makes marketing automation software for companies.
Introduced	35.0.0
Deprecated	-
Reference	https://www.marketo.com
Global ID	13:1180
ID	1180

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	marketo-group
Business Relevance	business-irrelevant
Category	other
Sub Category	enterprise-cloud-services
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

MASHABLE

Name/CLI Keyword	mashable
Full Name	Mashable
Description	Mashable - News blog website for social network and new technology.
Introduced	14.0.0
Deprecated	-
Reference	http://mashable.com
Global ID	13:658
ID	1587
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False

Traffic-class	transactional-data
Tunnel	False

MASQDIALER

Name/CLI Keyword	masqdialer
Full Name	Masqdialer
Description	The masqdialer system is designed to provide easily accessible control of multiple dialout modem connections to the members of a LAN using IP Masquerade for their internet connectivity. The system is a client/server design, so as long as a client can be written for a particular platform, that platform can take advantage of masqdialer's offerings.
Introduced	-
Deprecated	-
Reference	http://archive.debian.net/potato/net/masqdialer
Global ID	3:224
ID	1121
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

MATIP-TYPE-A

Name/CLI Keyword	matip-type-a

Full Name	MATIP Type A
Description	Mapping of Airline Traffic over IP Type A (MATIP) is a communication application that connects an airline office or travel agency to a central computer system for seat reservations and ticket issuing. A dumb terminal or a PC accesses the central system (IBM or UNISYS) through a data network.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc2351
Global ID	3:350
ID	266
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MATIP-TYPE-B

Name/CLI Keyword	matip-type-b
Full Name	MATIP Type B
Description	Mapping of Airline Traffic over IP Type B (MATIP) is an e-mail application where real-time is not needed. The addressing scheme uses an international format defined by IATA and contains the city and airline codes. It is transmitted with a high level of protection, multi-addressing and four levels of priority.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc2351

Global ID	3:351
ID	267
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MAXDB

Name/CLI Keyword	maxdb
Full Name	MaxDB relational database management system
Description	MaxDB is an ANSI SQL-92 (entry level) compliant relational database management system (RDBMS) from SAP AG, which was delivered also by MySQL AB from 2003 to 2007. MaxDB is targeted for large SAP environments e.g. mySAP Business Suite and other applications that require enterprise-level database functionality. It is able to run terabyte-range data in continuous operation.
Introduced	-
Deprecated	-
Reference	http://maxdb.sap.com/
Global ID	3:7210
ID	1353
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MCAFEE-ANTIVIRUS

Name/CLI Keyword	mcafee-antivirus
Full Name	McAfee Antivirus
Description	McAfee Antivirus and security
Introduced	22.0.0
Deprecated	-
Reference	http://www.mcafee.com
Global ID	13:1031
ID	1031
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	False
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	False

MCAFEE-UPDATE

Name/CLI Keyword	mcafee-update
Full Name	McAfee AutoUpdate
Description	McAfee AutoUpdate is the virus signature updating service for McAfee VirusScan. This service provides a mechanism for customers to monitor and measure the average bandwidth used in updates.
Introduced	-
Deprecated	33.0.0
Reference	http://www.mcafee.com/
Global ID	3:8801
ID	1354
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MCIDAS

Name/CLI Keyword	mcidas
Full Name	McIDAS Data Transmission Protocol
Description	McIDAS (Man computer Interactive Data Access System) is a suite of sophisticated software packages that perform a wide variety of functions with satellite imagery, observational reports, numerical forecasts, and other geophysical data. Those functions include displaying, analyzing, interpreting, acquiring and managing the data.

Introduced	-
Deprecated	-
Reference	http://www.ssec.wisc.edu/mcidas/
Global ID	3:112
ID	982
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MCNS-SEC

Name/CLI Keyword	mcns-sec
Full Name	Mcns-Sec
Description	Registered with IANA on port 638 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:638
ID	547
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MDC-PORTMAPPER

Name/CLI Keyword	mdc-portmapper
Full Name	MDC Portmapper
Description	Registered with IANA on port 685 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:685
ID	593
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MDNS

Name/CLI Keyword	mdns
Full Name	mDNS
Description	The multicast DNS (mDNS) protocol resolves host names to IP addresses within small networks that do not include a local name server.
Introduced	39.0.0
Deprecated	-
Reference	https://tools.ietf.org/html/rfc6762
Global ID	13:1244
ID	1244
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	naming-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

MECOMM

Name/CLI Keyword	mecomm
Full Name	Memcomm
Description	Registered with IANA on port 668 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:668
ID	576
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	trojan
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MEGAVIDEO

Name/CLI Keyword	megavideo
Full Name	Megavideo
Description	MegaVideo is a video sharing website run by the creators of Megaupload, the website officially claims to aim replacing YouTube as the leader in online video. MegaVideo is a website, therefore the underlying protocol is HTTP.
Introduced	-
Deprecated	7.0.0
Reference	http://www.megavideo.com/
Global ID	13:459
ID	1318
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MEREGISTER

Name/CLI Keyword	meregister
Full Name	Meregister
Description	Registered with IANA on port 669 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:669
ID	577
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MERIT-INP

Name/CLI Keyword	merit-inp
Full Name	MERIT-INP
Description	MERIT Internodal Protocol
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	1:32
ID	786
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

META5

Name/CLI Keyword	meta5
Full Name	Meta5
Description	Used by Meta5 in their products.
Introduced	-
Deprecated	-
Reference	http://www.meta5.com/

Global ID	3:393
ID	309
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

METAGRAM

Name/CLI Keyword	metagram
Full Name	Metagram Relay
Description	Registered with IANA on port 99 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:99
ID	970
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

METER

Name/CLI Keyword	meter
Full Name	Meter
Description	Registered with IANA on port 570 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:570
ID	485
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MFCOBOL

Name/CLI Keyword	mfcobol

Full Name	Micro Focus COBOL
Description	Used by Micro Focus applications such as Enterprise Server, COBOL Server Express and more.
Introduced	-
Deprecated	-
Reference	http://www.microfocus.com/
Global ID	3:86
ID	958
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

MFE-NSP

Name/CLI Keyword	mfe-nsp
Full Name	MFE-NSP
Description	Registered with IANA as IP Protocol 31
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:31
ID	785
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

MFTP

Name/CLI Keyword	mftp
Full Name	MFTP
Description	Multisource File Transfer Protocol (MFTP) is designed for the purpose of file sharing. It is still under development, and therefore may acquire more features. This is the communication protocol used by such clients as eMule and eDonkey and, in its extended implementation, by the Overnet network.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/draft-miller-mftp-spec-02
Global ID	3:349
ID	265
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	True

Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MGCP

Name/CLI Keyword	mgcp
Full Name	MGCP
Description	Media Gateway Control Protocol (MGCP) 1.0 is a protocol for the control of Voice over IP (VoIP) calls by external call-control elements known as Media Gateway Controllers (MGCs) or Call Agents (CAs).
Introduced	-
Deprecated	-
Reference	http://www.packetizer.com/rfc/rfc3435/
Global ID	13:62
ID	62
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

MICOM-PFS

Name/CLI Keyword	micom-pfs

Full Name	Micom-Pfs
Description	Registered with IANA on port 490 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:490
ID	404
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MICP

Name/CLI Keyword	micp
Full Name	MICP
Description	The Mobile Internetworking Control Protocol is used by the MSSs (Mobile Support Stations) to exchange control information, and by the MHs (mobile hosts) to signal to their MSSs that they have changed cells.
Introduced	-
Deprecated	-
Reference	http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.30.8911
Global ID	1:95

ID	849
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

MICROMUSE-LM

Name/CLI Keyword	micromuse-lm
Full Name	Micromuse-lm
Description	Registered with IANA on port 1534 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:1534
ID	702
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False

Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

MICROSOFTDS

Name/CLI Keyword	microsoftds
Full Name	Microsoft-DS
Description	Microsoft-DS is a port that replaces the Windows NetBIOS ports, for all versions of Windows after NT, as the preferred port for carrying Windows file sharing and other services.
Introduced	-
Deprecated	-
Reference	http://support.microsoft.com/default.aspx?scid=kb;en-us;832017
Global ID	3:445
ID	98
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	netbios-group
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MIKOGO

Name/CLI Keyword	mikogo

Full Name	Mikogo
Description	mikogo is an online meeting and desktop sharing software that provides web conferencing between users, in addition to file transfer, whiteboard, instant chat and other facilities.
Introduced	-
Deprecated	-
Reference	http://www.mikogo.com/
Global ID	13:514
ID	1450
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

MINDTOUCH

Name/CLI Keyword	mindtouch
Full Name	MindTouch
Description	MindTouch allows for a team to create, publish, and edit content, and then structure that content within a responsive user interface.
Introduced	39.0.0
Deprecated	-
Reference	https://mindtouch.com/
Global ID	13:1245

ID	1245
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

MINT-COM

Name/CLI Keyword	mint-com
Full Name	Mint.com
Description	Mint.com - Web-based personal finance tool.
Introduced	14.0.0
Deprecated	-
Reference	http://mint.com
Global ID	13:759
ID	1689
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False

Encrypted	False
Traffic-class	transactional-data
Tunnel	False

MIT-DOV

Name/CLI Keyword	mit-dov
Full Name	MIT Dover Spooler
Description	Registered with IANA on port 91 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:91
ID	962
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MIT-ML-DEV

Name/CLI Keyword	mit-ml-dev
Full Name	MIT ML Device

Description	Registered with IANA on port 83 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:83
ID	956
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MIXI

Name/CLI Keyword	mixi
Full Name	Mixi
Description	Mixi is an online Japanese social networking service
Introduced	11.0.0
Deprecated	-
Reference	https://mixi.jp
Global ID	13:592
ID	1531
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

MLB-COM

Name/CLI Keyword	mlb-com
Full Name	MLB.com
Description	Official Major League Baseball - Web Portal for Sports news update.
Introduced	-
Deprecated	-
Reference	http://mlb.com
Global ID	13:754
ID	1684
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

MNDP

Name/CLI Keyword	mndp
Full Name	MNDP
Description	MicroTik neighbor discovery protocol (MNDP) is a protocol for finding devices compatible with MNDP, Cisco discovery protocol (CDP), or link layer discovery protocol (LLDP) in a Layer 2 broadcast domain.
Introduced	67.0.0
Deprecated	-
Reference	https://help.mikrotik.com/docs/display/ROS/Neighbor+discovery
Global ID	13:1308
ID	1308
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

MOBILE

Name/CLI Keyword	mobile
Full Name	IP Mobility
Description	Mobile IP (also known as IP mobility) is an Internet Engineering Task Force (IETF) standard communications protocol that is designed to allow mobile device users to move from one network to another while maintaining a permanent IP address.

Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc5944
Global ID	1:55
ID	809
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	True

MOBILEIP-AGENT

Name/CLI Keyword	mobileip-agent
Full Name	Mobile IP Agent
Description	Mobile IP (or IP mobility) is an Internet Engineering Task Force(IETF) standard communications protocol that is designed to allow mobile device users to move from one network to another while maintaining a permanent IP address.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc5944
Global ID	3:434
ID	349
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

MOBILIP-MN

Name/CLI Keyword	mobilip-mn
Full Name	MobilIP-MN
Description	Registered with IANA on port 435 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:435
ID	350
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MOBILITYSRV

Name/CLI Keyword	MobilitySrv
Full Name	Mobility XE protocol
Description	Mobility XE is a mobile VPN that provides authentication of a user, device or both, and FIPS 140-2 validated encryption. It is designed specifically for mobile workers using wireless networks. Mobility XE is optimized for cellular data networks, public and private Wi-Fi hotspots, or any other IP-based network that mobile workers use for remote access including Ethernet LANs, home networks and even dial-up connections.
Introduced	-
Deprecated	-
Reference	http://www.ttmarketingservices.com/nmw/images/stories/pdf/netmotion%20mobility%20xe%20security%202009.pdf
Global ID	3:6997
ID	1386
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MODBUS

Name/CLI Keyword	modbus
Full Name	Modbus TCP/IP

Description	Modbus is a standard communication protocol for connecting industrial electronic devices, Modbus TCP/IP used the Modbus instruction set and wraps TCP/IP around it
Introduced	-
Deprecated	-
Reference	http://www.modbus.org/docs/Modbus_Messaging_Implementation_Guide_V1_0b.pdf
Global ID	13:555
ID	1491
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	True

MONDEX

Name/CLI Keyword	mondex
Full Name	Mondex
Description	Mondex is a smart card electronic cash system. The main protocol of Mondex implements electronic cash transfer, using either a device (wallet) with two slots, or an Internet connection.
Introduced	-
Deprecated	-
Reference	http://vsr.sourceforge.net/mondex.htm
Global ID	3:471

ID	385
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	epayement
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

MONGO

Name/CLI Keyword	mongo
Full Name	MongoDB
Description	mongo is a leading no SQL db designed with both scalability and developer agility in mind. Instead of storing your data in tables and rows as you would with a relational database, in MongoDB you store JSON-like documents with dynamic schemas
Introduced	-
Deprecated	-
Reference	https://www.mongodb.org/
Global ID	3:27017
ID	1751
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	database

Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

MONITOR

Name/CLI Keyword	monitor
Full Name	Monitor
Description	Registered with IANA on port 561 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:561
ID	476
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

MONSTER-COM

Name/CLI Keyword	monster-com
Full Name	Monster.com
Description	Monster.com - Online job search portal.
Introduced	14.0.0
Deprecated	-
Reference	http://monster.com
Global ID	13:785
ID	1713
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

MORTGAGEWARE

Name/CLI Keyword	mortgageware
Full Name	Mortgageware
Description	Registered with IANA on port 367 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml

Global ID	3:367
ID	283
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MPEG2-TS

Name/CLI Keyword	mpeg2-ts
Full Name	MPEG-2 Transport Stream
Description	MPEG2-TS (MPEG2 transport stream, MTS or TS) is a standard format for transmission and storage of audio, video, and Program and System Information Protocol (PSIP) data. It is used in broadcast systems such as DVB, ATSC and IPTV.
Introduced	13.0.0
Deprecated	-
Reference	http://mpeg.chiariglione.org/standards/mpeg-2
Global ID	13:610
ID	1549
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant

Category	consumer-messaging
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

MPLS-IN-IP

Name/CLI Keyword	mpls-in-ip
Full Name	MPLS-in-IP
Description	Multiprotocol Label Switching (MPLS) is a mechanism in high-performance telecommunications networks that directs data from one network node to the next based on short path labels rather than long network addresses, avoiding complex lookups in a routing table.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc4023
Global ID	1:137
ID	1235
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MPM

Name/CLI Keyword	mpm
Full Name	Message Processing Module
Description	Message Processing Module (MPM) is part of the Internet message system. It is responsible for routing and delivering messages.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc759
Global ID	3:45
ID	925
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MPM-FLAGS

Name/CLI Keyword	mpm-flags
Full Name	MPM FLAGS Protocol
Description	Registered with IANA on port 44 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:44
ID	924
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MPM-SND

Name/CLI Keyword	mpm-snd
Full Name	MPM
Description	Registered with IANA on port 46 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:46
ID	926
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MPP

Name/CLI Keyword	mpp
Full Name	Netix Message Posting Protocol
Description	Message Posting Protocol (MPP) is a network protocol that is used for posting messages from a computer to a mail service host. It is based on 2 basic structures: command and reply.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1204
Global ID	3:218
ID	1115
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MPTN

Name/CLI Keyword	mptn
Full Name	MPTN
Description	The Multiprotocol Transport Networking (MPTN) architecture is a general solution to providing interconnectivity for applications. The MPTN architecture provides a protocol-independent system interface that includes most functions provided by existing transport protocols.
Introduced	-
Deprecated	-
Reference	http://www.ieee-icnp.org/1993/papers/1993-2.pdf
Global ID	3:397
ID	312
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

MQTT

Name/CLI Keyword	mqtt
Full Name	MQTT
Description	MQTT (Message Queuing Telemetry Transport) is A lightweight broker-based publish/subscribe messaging protocol. It is designed for constrained devices and low-bandwidth, high-latency or unreliable networks.

Introduced	38.0.0
Deprecated	-
Reference	http://mqtt.org/
Global ID	13:1233
ID	1233
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	True

MRM

Name/CLI Keyword	mrm
Full Name	MRM
Description	The Multicast Routing Monitor (MRM) is a feature is Cisco products. It is a management diagnostic tool that provides network fault detection and isolation in a large multicast routing infrastructure. It is designed to notify a network administrator of multicast routing problems in near real time.
Introduced	-
Deprecated	-
Reference	http://www.cisco.com/en/US/docs/ios/12_1/iproute/configuration/guide/1cdtools.html
Global ID	3:679
ID	587
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

MS-DEV-TUNNEL

Name/CLI Keyword	ms-dev-tunnel
Full Name	Microsoft Dev Tunnel
Description	Microsoft dev tunnels are a tool for ad hoc connections between network devices. Dev tunnels allow developers to securely share local web services across the internet. This enables connecting a local development environment with cloud services, building webhooks, and sharing work with colleagues. Dev tunnels are not intended for production-level connections.
Introduced	69.0.0
Deprecated	-
Reference	https://learn.microsoft.com/en-us/azure/developer/dev-tunnels/overview
Global ID	13:1802
ID	1802
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	other
Sub Category	tunneling-protocols
P2P Technology	True

Encrypted	False
Traffic-class	transactional-data
Tunnel	True

MS-DIAGNOSTICS

Name/CLI Keyword	ms-diagnostics
Full Name	Microsoft Diagnostics
Description	Microsoft diagnostics tools collect Windows diagnostic data to keep Windows up to date, secure, and operating properly.
Introduced	67.0.0
Deprecated	-
Reference	https://learn.microsoft.com/
Global ID	13:1302
ID	1302
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

MS-DYNAMICS-CRM-ONLINE

Name/CLI Keyword	ms-dynamics-crm-online
Full Name	Microsoft CRM Dynamics Online

Description	Microsoft CRM Dynamics Online is a customer relationship software package delivered as a cloud service. It provides sales and marketing services and allows customers to customize the product using a .NET framework
Introduced	-
Deprecated	-
Reference	http://crm.dynamics.com/en-us/on-demand
Global ID	13:508
ID	1443
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-services
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

MS-IIS

Name/CLI Keyword	ms-iis
Full Name	MS RPC IIS
Description	Microsoft Internet Information Services (IIS) is a web server application and set of feature extension modules created by Microsoft for use with Microsoft Windows. The underlying protocol is Microsoft Remote Procedure Call (MS RPC).
Introduced	-
Deprecated	-
Reference	http://www.iis.net/
Global ID	13:482

ID	1411
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

MS-INTUNE

Name/CLI Keyword	ms-intune
Full Name	Microsoft Intune
Description	Microsoft Intune is a cloud-based endpoint management solution that securely manages identities, apps, and devices.
Introduced	67.0.0
Deprecated	-
Reference	https://learn.microsoft.com/en-us/mem/intune/fundamentals/what-is-intune
Global ID	13:1303
ID	1303
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False

Encrypted	True
Traffic-class	transactional-data
Tunnel	False

MS-LIVE-ACCOUNTS

Name/CLI Keyword	ms-live-accounts
Full Name	Microsoft Windows Live Services Authentication
Description	Ms-live-accounts is used for login to various microsoft services.
Introduced	-
Deprecated	-
Reference	http://login.live.com/
Global ID	13:498
ID	1434
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	consumer-internet
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

MS-LYNC

Name/CLI Keyword	ms-lync
Full Name	Skype for Business

Description	Skype for Business (formerly Microsoft Lync) is a communications and collaboration platform that brings together an experience inspired by Skype with enterprise-grade security, compliance and control. It offers features including presence, IM, voice and video calls, and online meetings. Since it is built right in to Microsoft Office, initiating chats, calls and meetings is an integrated experience within Office.
Introduced	-
Deprecated	-
Reference	http://www.skype.com/en/business/
Global ID	13:531
ID	1466
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

MS-LYNC-AUDIO

Name/CLI Keyword	ms-lync-audio
Full Name	Skype for Business (MS-Lync) Audio
Description	Skype for Business (formerly Microsoft Lync) is a communications and collaboration platform that brings together an experience inspired by Skype with enterprise-grade security, compliance and control. It offers features including presence, IM, voice and video calls, and online meetings. Since it is built right in to Microsoft Office, initiating chats, calls and meetings is an integrated experience within Office. This protocol classifies the audio traffic of this app.
Introduced	-
Deprecated	-

Reference	http://www.skype.com/en/business/
Global ID	13:559
ID	1496
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	voip-telephony
Tunnel	False

MS-LYNC-CONTROL

Name/CLI Keyword	ms-lync-control
Full Name	Skype for Business Control
Description	Skype for Business (formerly Microsoft Lync) is a communications and collaboration platform that brings together an experience inspired by Skype with enterprise-grade security, compliance and control. It offers features including presence, IM, voice and video calls, and online meetings. Since it is built right in to Microsoft Office, initiating chats, calls and meetings is an integrated experience within Office.
Introduced	24.0.0
Deprecated	-
Reference	http://www.skype.com/en/business/
Global ID	13:1059
ID	1059
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	True
Traffic-class	signaling
Tunnel	False

MS-LYNC-MEDIA

Name/CLI Keyword	ms-lync-media
Full Name	Microsoft Lync Media
Description	Microsoft Lync Media is the audio and video calls support in Microsoft Lync. Based on STUN and RTP.
Introduced	-
Deprecated	7.0.0
Reference	http://lync.microsoft.com
Global ID	13:532
ID	1467
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MS-LYNC-VIDEO

Name/CLI Keyword	ms-lync-video
Full Name	Skype for Business Video
Description	Skype for Business (formerly Microsoft Lync) is a communications and collaboration platform that brings together an experience inspired by Skype with enterprise-grade security, compliance and control. It offers features including presence, IM, voice and video calls, and online meetings. Since it is built right in to Microsoft Office, initiating chats, calls and meetings is an integrated experience within Office. This protocol classifies the video traffic of this app.
Introduced	-
Deprecated	-
Reference	http://www.skype.com/en/business/
Global ID	13:560
ID	1497
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

MS-NETLOGON

Name/CLI Keyword	ms-netlogon
Full Name	MS RPC Netlogon

Description	The Net Logon service verifies logon requests, and it registers, authenticates, and locates domain controllers. To maintain backward compatibility Net Logon manages replication of the user account database to back-up domain controllers running Windows NT 4.0 and earlier. It is based on Microsoft Remote Procedure Call (MS RPC).
Introduced	-
Deprecated	-
Reference	http://technet.microsoft.com/en-us/library/cc962284.aspx
Global ID	13:483
ID	1412
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

MS-OCS-FILE-TRANSFER

Name/CLI Keyword	ms-ocs-file-transfer
Full Name	Microsoft Office Communications Server and File Transfer
Description	Microsoft Office Communications Server and File Transfer is used by Microsoft Office Communicator (an instant messaging software) for file transfer.
Introduced	-
Deprecated	-
Reference	http://technet.microsoft.com/en-us/office/ocs/bb267356.aspx
Global ID	3:6891

ID	1356
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MS-OFFICE-365

Name/CLI Keyword	ms-office-365
Full Name	Microsoft Office 365
Description	Microsoft Office 365 is a commercial software plus services that offers the Microsoft Office suite of desktop applications as well as hosted versions of Microsoft's Server products delivered and accessed over the Internet
Introduced	-
Deprecated	-
Reference	http://www.microsoft.com/en-us/office365/online-software.aspx
Global ID	13:495
ID	1431
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-services

P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

MS-OFFICE-WEB-APPS

Name/CLI Keyword	ms-office-web-apps
Full Name	Microsoft Office Web Applications
Description	Microsoft Office Web Apps is the web-based version of the Microsoft Office productivity suite. It includes the web-based versions of Microsoft Word, Microsoft Excel, Microsoft PowerPoint and Microsoft OneNote. The web applications allow users to access their documents within a web browser and collaborate with other users online.
Introduced	-
Deprecated	-
Reference	http://office.microsoft.com/en-us/web-apps/
Global ID	13:563
ID	1500
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-services
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

MS-OLAP

Name/CLI Keyword	ms-olap
Full Name	Microsoft OLAP
Description	Online Analytical Processing (OLAP) is part of the Microsoft SQL Server database management system. It is a technology that is used to organize large business databases in order to support business intelligence and swiftly answer multi-dimensional analytical (MDA) queries.
Introduced	-
Deprecated	-
Reference	http://office.microsoft.com/en-us/excel-help/overview-of-online-analytical-processing-olap-HP010177437.aspx#BMwhat_is_on-line_analytical_processing
Global ID	3:2393
ID	686
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

MS-ROME

Name/CLI Keyword	ms-rome
Full Name	Microsoft Rome
Description	Registered with IANA on port 569 TCP/UDP

Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:569
ID	484
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MS-RPC

Name/CLI Keyword	ms-rpc
Full Name	MS-RPC
Description	Microsoft Remote Procedure Call (MS-RPC) is an interprocess communication (IPC) mechanism that enables data exchange and invocation of functionality residing in a different process. That process can be on the same computer, on the local area network (LAN) or across the Internet.
Introduced	-
Deprecated	-
Reference	http://technet.microsoft.com/en-us/library/cc958781.aspx
Global ID	13:1310
ID	1310
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

MS-SERVICES

Name/CLI Keyword	ms-services
Full Name	Microsoft Services
Description	ms-services is a set of tools, APIs and web services used by Microsoft applications.
Introduced	-
Deprecated	-
Reference	http://www.microsoft.com
Global ID	13:777
ID	1737
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data

Tunnel	False

MS-SHUTTLE

Name/CLI Keyword	ms-shuttle
Full Name	Microsoft Shuttle
Description	Registered with IANA on port 568 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:568
ID	483
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MS-SMS

Name/CLI Keyword	ms-sms
Full Name	MS-RPC System Management Server

Description	Systems Management Server (SMS) is a systems management software product made by Microsoft for managing large groups of Windows-based computer systems. SMS provides remote control, patch management, software distribution, and hardware and software inventory. Its based on Microsoft Remote Procedure Call (MS RPC).
Introduced	-
Deprecated	-
Reference	http://technet.microsoft.com/en-us/library/cc751130.aspx
Global ID	13:484
ID	1413
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	software-updates
Sub Category	enterprise-sw-deployment-tools
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MS-SQL-M

Name/CLI Keyword	ms-sql-m
Full Name	Microsoft SQL Monitor
Description	Microsoft SQL Monitor uses the SQL Server Resolution Protocol. It is an application-layer request/response protocol that facilitates connectivity to a database server and provides for Communication endpoint information and Database instance enumeration.
Introduced	-
Deprecated	-
Reference	http://msdn.microsoft.com/en-us/library/cc219703(v=prot.10)

Global ID	3:1434
ID	685
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

MS-STREAM

Name/CLI Keyword	ms-stream
Full Name	Microsoft Stream
Description	Microsoft Stream - video service in Office 365 enable you to create, share, and interact with video, whether in a team or across your organization.
Introduced	44.0.0
Deprecated	-
Reference	https://products.office.com/en/microsoft-stream
Global ID	13:1255
ID	1255
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-services

P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

MS-STREAMING

Name/CLI Keyword	ms-streaming
Full Name	MMS
Description	Microsoft Media Server (MMS) is Microsoft's proprietary network streaming protocol used to transfer unicast data in Windows Media Services.
Introduced	-
Deprecated	44.0.0
Reference	http://msdn.microsoft.com/en-us/library/cc239490.aspx
Global ID	3:1755
ID	1355
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MS-TEAMS

Name/CLI Keyword	ms-teams

Full Name	Microsoft Teams
Description	Microsoft Teams is a platform that combines workplace chat, meetings, notes, and attachments. The service integrates with the company's Office 365 subscription office productivity suite, including Microsoft Office and Skype.
Introduced	37.0.0
Deprecated	-
Reference	https://products.office.com/en-us/microsoft-teams/group-chat-software
Global ID	13:1208
ID	1208
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	True
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

MS-TEAMS-APP-SHARING

Name/CLI Keyword	ms-teams-app-sharing
Full Name	MS Teams App Sharing
Description	Microsoft Teams is a unified communications platform that combines persistent workplace chat, video meetings, file storage, and application integration.
Introduced	43.0.0
Deprecated	-
Reference	https://products.office.com/en-us/microsoft-teams
Global ID	13:1260

ID	1260
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	True
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

MS-TEAMS-AUDIO

Name/CLI Keyword	ms-teams-audio
Full Name	MS Teams Audio
Description	Audio portion of Microsoft Teams' video chat or voice call
Introduced	37.0.0
Deprecated	-
Reference	https://products.office.com/en-us/microsoft-teams/group-chat-software
Global ID	13:1214
ID	1214
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	True

Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

MS-TEAMS-MEDIA

Name/CLI Keyword	ms-teams-media
Full Name	MS Teams Media
Description	Video or audio portion of Microsoft Teams' call
Introduced	37.0.0
Deprecated	-
Reference	https://news.microsoft.com/microsoft-teams/
Global ID	13:1213
ID	1213
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	True
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

MS-TEAMS-VIDEO

Name/CLI Keyword	ms-teams-video
Full Name	MS Teams Video
Description	Video portion of Microsoft Teams' video chat

Introduced	37.0.0
Deprecated	-
Reference	https://products.office.com/en-us/microsoft-teams/group-chat-software
Global ID	13:1209
ID	1209
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	True
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

MS-UPDATE

Name/CLI Keyword	ms-update
Full Name	Microsoft Windows Update Service
Description	Microsoft Windows Update Service provides updates for the Microsoft Windows operating system and its installed components.
Introduced	-
Deprecated	-
Reference	http://windows.microsoft.com/en-us/windows/help/windows-update
Global ID	13:497
ID	1432
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group

Business Relevance	default
Category	software-updates
Sub Category	os-updates
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

MS-WBT

Name/CLI Keyword	ms-wbt
Full Name	RDP
Description	Remote Desktop Protocol (RDP) is a protocol developed by Microsoft. It was formerly known as Microsoft Windows Based Terminal (MS WBT). By default, RDP communication travels over TCP port 3389. The most common use of this protocol is the Remote Desktop Connection or Terminal Services client. The protocol is an extension of the ITU-T T.128 application sharing protocol. Clients exist for most versions of Microsoft Windows (including Windows Mobile), Linux, Unix, Mac OS X and other modern operating systems.
Introduced	-
Deprecated	-
Reference	http://technet.microsoft.com/en-us/library/cc960973.aspx
Global ID	3:3389
ID	689
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	False

Traffic-class	multimedia-streaming
Tunnel	False

MS-WIN-DNS

Name/CLI Keyword	ms-win-dns
Full Name	MS RPC Windows DNS
Description	Microsoft Windows Internet Name Service (WINS) name resolution method is the implementation of NetBios name system services provided in Microsoft Windows operating systems. The underlying protocol is Microsoft Remote Procedure Call (MS RPC).
Introduced	-
Deprecated	-
Reference	http://technet.microsoft.com/en-us/library/cc784180%28WS.10%29.aspx
Global ID	13:481
ID	1410
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	naming-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

MS-WUDO

Name/CLI Keyword	ms-wudo
Full Name	Windows Update Delivery Optimization

Description	Microsoft Windows Update Delivery Optimization (WUDO) optimizes updates of Windows and Microsoft Store apps by downloading updates from numerous possible sources, including Microsoft, PCs in your local network, or PCs on the internet that are downloading the same files.
Introduced	67.0.0
Deprecated	-
Reference	https://learn.microsoft.com/en-us/windows/deployment/do/waas-delivery-optimization
Global ID	13:1304
ID	1304
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	default
Category	software-updates
Sub Category	os-updates
P2P Technology	True
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

MSDP

Name/CLI Keyword	msdp
Full Name	MSDP
Description	Multicast Source Discovery Protocol (MSDP) is a multicast routing protocol belonging to the Protocol Independent Multicast (PIM) family. MSDP interconnects multiple IPv4 PIM Sparse-Mode (PIM-SM) domains, which enables PIM-SM to have Rendezvous Point (RP) redundancy and inter-domain multicasting.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc3618

Global ID	3:639
ID	548
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

MSEXCH-ROUTING

Name/CLI Keyword	msexch-routing
Full Name	MS Exchange Routing
Description	MS Exchange Routing is Used by Microsoft Exchange servers to exchange routing information.
Introduced	-
Deprecated	-
Reference	http://technet.microsoft.com/en-us/library/bb123812
Global ID	3:691
ID	599
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MSFT-GC

Name/CLI Keyword	msft-gc
Full Name	Microsoft Global Catalog
Description	The Microsoft Global Catalog is a distributed data repository that contains a searchable, partial representation of every object in every domain in a multidomain ActiveDirectory Domain Services (ADDS) forest. The global catalog is stored on domain controllers that have been designated as global catalog servers and is distributed through multimaster replication.
Introduced	-
Deprecated	-
Reference	http://technet.microsoft.com/en-us/library/cc728188(v=ws.10).aspx
Global ID	3:3268
ID	687
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

MSFT-GC-SSL

Name/CLI Keyword	msft-gc-ssl
Full Name	Microsoft Global Catalog with LDAP/SSL
Description	The Microsoft Global Catalog enables searching for Active Directory objects in any domain in the forest without the need for subordinate referrals, and users can find objects of interest quickly without having to know what domain holds the object.
Introduced	-
Deprecated	-
Reference	http://technet.microsoft.com/en-us/library/how-global-catalog-servers-work(v=ws.10).aspx
Global ID	3:3269
ID	688
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	True
Traffic-class	ops-admin-mgmt
Tunnel	False

MSG-AUTH

Name/CLI Keyword	msg-auth
Full Name	Message Authentication
Description	Registered with IANA on port 31 TCP/UDP
Introduced	-

Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:31
ID	916
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MSG-ICP

Name/CLI Keyword	msg-icp
Full Name	Msg-Icp
Description	Registered with IANA on port 29 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:29
ID	913
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MSN-MESSENGER

Name/CLI Keyword	msn-messenger
Full Name	Windows Live Messenger
Description	MSN-Messenger (recently renamed to Windows Live Messenger) software is used to connect clients to each other. The clients can chat and make audio and video calls with one-another. The software uses multiple underlying protocols: HTTP, SOCKS and MS-WBT. Windows live messenger was replaced by Skype except for China
Introduced	-
Deprecated	14.0.0
Reference	http://explore.live.com/messenger
Global ID	13:75
ID	75
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	msn-messenger-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing

Tunnel	False

MSN-MESSENGER-FT

Name/CLI Keyword	msn-messenger-ft
Full Name	Windows Live Messenger File Transfer
Description	MSN Messenger (recently renamed to Windows Live Messenger) is an instant messaging client created by Microsoft that is designed to Work with Windows XP, Vista and Windows 7 etc. In June 2009 Microsoft reported the service attracted over 330 million active users each month. MSN-Messenger-Video represents the MSN-Messenger-Video network traffic. MSN-video traffic underlying protocol is rtp over stun traffic. Windows live messenger was replaced by Skype except for China
Introduced	-
Deprecated	14.0.0
Reference	http://explore.live.com/messenger
Global ID	13:309
ID	1202
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	msn-messenger-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

MSN-MESSENGER-VIDEO

Name/CLI Keyword	msn-messenger-video

Full Name	Windows Live Messenger Video
Description	Msn-Messenger-Video represents the video traffic within the MS-Live-Messenger client. Windows live messenger was replaced by Skype except for China
Introduced	-
Deprecated	14.0.0
Reference	http://explore.live.com/messenger
Global ID	13:323
ID	1216
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	msn-messenger-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

MSNP

Name/CLI Keyword	msnp
Full Name	MSNP
Description	Microsoft Notification Protocol (MSNP) is an instant messaging protocol developed by Microsoft for use by the .NET Messenger Service and the instant messaging clients that connect to it, such as Windows Live Messenger, its earlier incarnations MSN Messenger and Windows Messenger, and Microsoft Messenger for Mac. Third-party clients such as Pidgin and Trillian can also communicate using the protocol.
Introduced	-
Deprecated	-
Reference	http://msnpiki.msnfanatic.com/

Global ID	3:1863
ID	713
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	msn-messenger-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

MSP

Name/CLI Keyword	msp
Full Name	SEND
Description	The Message Send Protocol (SEND) is used to send a short message to a given user on a given terminal on a given host.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc1312
Global ID	3:18
ID	907
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MTP

Name/CLI Keyword	mtp
Full Name	MTP
Description	Media Transfer Protocol is a set of custom extensions to the Picture Transfer Protocol (PTP). PTP is used for downloading photographs from digital cameras, whereas MTP adds support for the transfer of music files on digital audio players, media files on portable media players and personal information on personal digital assistants. Media Transfer Protocol (commonly referred to as MTP) is part of the "Windows Media" framework and thus closely related to Windows Media Player. Windows Vista has built-in support for MTP. Support for Media Transfer Protocol in Windows XP requires the installation of Windows Media Player 10 or higher. Mac and Linux systems have software packages to support it.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Media_Transfer_Protocol
Global ID	1:92
ID	846
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

MTV

Name/CLI Keyword	mtv
Full Name	MTV
Description	MTV - Official website for MTV.
Introduced	14.0.0
Deprecated	-
Reference	http://mtv.com
Global ID	13:619
ID	1193
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

MULTILING-HTTP

Name/CLI Keyword	multiling-http
Full Name	Multiling HTTP
Description	Registered with IANA on port 777 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml

Global ID	3:777
ID	650
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MULTIPLEX

Name/CLI Keyword	multiplex
Full Name	Network Innovations Multiplex
Description	Registered with IANA on port 171 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:171
ID	1016
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MUMPS

Name/CLI Keyword	mumps
Full Name	Plus Fives MUMPS
Description	Registered with IANA on port 188 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:188
ID	1032
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

MUX

Name/CLI Keyword	mux

Full Name	Multiplexing
Description	The Multiplexing Protocol is defined to allow the combining of transmission units of different higher level protocols in one transmission unit of a lower level protocol.
Introduced	-
Deprecated	-
Reference	http://www.rfc-editor.org/ien/ien90.txt
Global ID	1:18
ID	772
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

MY-JABBER-FT

Name/CLI Keyword	my-jabber-ft
Full Name	My Jabber FT
Description	My Jabber File Transfer (My Jabber FT) is a feature that allows users to transfer files with each other. MyJabber interacts with AIM, ICQ, MSN, and Yahoo, and it has the ability to create conference rooms and person-to-person text talk. Transfers with Jabber can either be done direct client-to-client or via a proxy.
Introduced	-
Deprecated	9.0.0
Reference	http://www.myjabber.com/

Global ID	13:312
ID	1205
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MYLEX-MAPD

Name/CLI Keyword	mylex-mapd
Full Name	Mylex MAPD
Description	Registered with IANA on port 467 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:467
ID	381
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

MYSQL

Name/CLI Keyword	mysql
Full Name	MySQL
Description	MySQL is a relational database management system (RDBMS) that runs as a server, providing multi-user access to a number of databases. The SQL phrase stands for Structured Query Language.
Introduced	-
Deprecated	-
Reference	http://www.mysql.com/
Global ID	3:3306
ID	711
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

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NAME

Name/CLI Keyword	name
Full Name	Nameserver
Description	The ARPA Host Name Server Protocol (NAMESERVER), is an obsolete network protocol used in translating a host name to an Internet address. IANA Transmission Control Protocol (TCP) and User Datagram Protocol (UDP) port 42 for NAMESERVER; this port is more commonly used by the Windows Internet Name Service (WINS) on Microsoft operating systems.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/ARPA_Host_Name_Server_Protocol
Global ID	3:42
ID	922
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NAMP

Name/CLI Keyword	namp
Full Name	NAMP

Description	Neighbour Aware Multicast Routings Protocol (NAMP), is a tree based, hybrid multicast routing protocol for A Mobile Ad Hoc Network (MANET). MANET is a system of wireless mobile nodes that can freely and dynamically self-organize into arbitrary and temporary network topologies without the presence of any fixed communication infrastructure.
Introduced	-
Deprecated	-
Reference	http://www.ccis2k.org/iajit/PDF/vol.5,no.1/14-116.pdf
Global ID	3:167
ID	1012
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

NAPSTER

Name/CLI Keyword	napster
Full Name	Napster
Description	Napster is an online music store. Users can hear online music and radio without downloading content to a local device. It's supported on various mobile platforms: iOS products and Blackberry.
Introduced	-
Deprecated	-
Reference	http://www.rhapsody.com/napster
Global ID	13:268

ID	462
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-audio-streaming
P2P Technology	True
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

NARP

Name/CLI Keyword	narp
Full Name	NARP
Description	NBMA Address Resolution Protocol (NARP) can be used by a source terminal (host or router) connected to a Non-Broadcast, Multi-Access link layer (NBMA) network to find out the NBMA addresses of the a destination terminal provided that the destination terminal is connected to the same NBMA network.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1735
Global ID	1:54
ID	808
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other

Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

NAS

Name/CLI Keyword	nas
Full Name	NAS
Description	The Netnews Administration System (NAS) is a framework to simplify the administration and usage of network news (also known as Netnews) on the Internet. Data for the administration of newsgroups and hierarchies are kept in a distributed hierarchical database and are available through a client-server protocol.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc4707
Global ID	3:991
ID	670
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NATE-COM

Name/CLI Keyword	nate-com
Full Name	Nate
Description	Nate - Web portal and Search engine.
Introduced	14.0.0
Deprecated	-
Reference	http://nate.com
Global ID	13:775
ID	1705
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

NATIONAL-PUBLIC-RADIO

Name/CLI Keyword	national-public-radio
Full Name	NPR
Description	National Public Radio - US radio station to provide news and other programs.
Introduced	14.0.0
Deprecated	-
Reference	http://npr.org

Global ID	13:711
ID	1641
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

NAVER-LINE

Name/CLI Keyword	naver-line
Full Name	Naver Line
Description	Naver-line is a Japanese proprietary application for instant messaging on smartphones and PCs. Naver-Line users exchange text messages, graphics, video and audio media, make free VoIP calls, and hold free audio or video conferences
Introduced	-
Deprecated	-
Reference	http://line.me/ko/
Global ID	13:573
ID	1512
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-messaging

Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

NBC-NEWS

Name/CLI Keyword	nbc-news
Full Name	NBC News
Description	NBC News - NBC Universals news website.
Introduced	14.0.0
Deprecated	-
Reference	http://nbcnews.com
Global ID	13:719
ID	1649
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

NCED

Name/CLI Keyword	nced

Full Name	Nced
Description	Registered with IANA on port 404 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:404
ID	319
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NCLD

Name/CLI Keyword	ncld
Full Name	NCLD
Description	Registered with IANA on port 405 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:405
ID	320

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NCP

Name/CLI Keyword	ncp
Full Name	NetWare Core Protocol
Description	NetWare Core Protocol (NCP) is a protocol used to access network service functions (such as access file, print, clock synchronization) remotely. The protocol is developed by Novell Inc. and is used by NetWare operating systems, as well as being partially used in other OS. Typically, NCP uses TCP/UDP port 524.
Introduced	-
Deprecated	-
Reference	http://www.faqs.org/rfcs/rfc801.html
Global ID	3:524
ID	442
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management

P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NCUBE-LM

Name/CLI Keyword	ncube-lm
Full Name	nCube License Manager
Description	nCube License Manager is a service used by nCube, a series of parallel computing computers. nCube used server class chips manufactured by a third party in massively parallel hardware deployments, primarily for the purposes of on-demand video. nCube was acquired and is now a part of the telecommunications company AARIS.
Introduced	-
Deprecated	-
Reference	http://www.ncube.com/
Global ID	3:1521
ID	1389
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NDMP

Name/CLI Keyword	ndmp
Full Name	Network Data Management Protocol
Description	Network Data Management Protocol (NDMP) is a protocol invented by the NetApp and Legato companies, meant to transport data between Network Attached Storage (NAS) devices and backup devices. This removes the need for transporting the data through the backup server itself, thus enhancing speed and removing load from the backup server.
Introduced	-
Deprecated	-
Reference	http://www.ndmp.org/
Global ID	3:10000
ID	1357
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	backup-and-storage
Sub Category	backup-systems
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NDSAUTH

Name/CLI Keyword	ndsauth
Full Name	NDS Authentication

Description	NDS authentication is the process of proving one's identification to Network Domain Security. Authentication is accomplished by having an object in the NDS tree represent the user requesting access. This object contains or has access to all of the pertinent information about the user (i.e., password signature, encryption keys, etc.) that NDS needs to prove that users communicating from client machines are who they say they are.
Introduced	-
Deprecated	-
Reference	http://ldapwiki.willeke.com/wiki/NDS%20Authentication
Global ID	3:353
ID	269
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NEST-PROTOCOL

Name/CLI Keyword	nest-protocol
Full Name	Nest Protocol
Description	NEST , by Novell, defines a systems architecture, and supplies a set of implementation tools and strategies, to add value to embedded systems by making NetWare services available for their use. These services range from file and print, to communications with other network nodes.
Introduced	-
Deprecated	-
Reference	http://support.novell.com/techcenter/articles/dnd19941103.html

Global ID	3:489
ID	403
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NET-ASSISTANT

Name/CLI Keyword	net-assistant
Full Name	Net Assistant
Description	Apple Net Assistant is part of an administrators package developed for Apple OS based networks, giving the administrator remote desktop access.
Introduced	-
Deprecated	3.0.0
Reference	http://www.apple.com/remotedesktop/
Global ID	3:3300
ID	712
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NET8-CMAN

Name/CLI Keyword	net8-cman
Full Name	Oracle Net8 CMan Admin
Description	Oracle Net8 CMan Admin refers to general administrative commands to Oracle Connection Manager.
Introduced	-
Deprecated	-
Reference	http://docs.oracle.com/cd/A64702_01/doc/network.805/a58230/toc.htm
Global ID	3:1830
ID	697
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

NETAPP-SNAPMIRROR

Name/CLI Keyword	netapp-snapmirror

Full Name	NetApp SnapMirror
Description	NetApp SnapMirror software is an enterprise-level disaster recovery and data distribution solution. SnapMirror mirrors data to one or more network filers at high speed over LAN or WAN connections.
Introduced	-
Deprecated	-
Reference	http://www.netapp.com/us/products/protection-software/snapmirror.html
Global ID	13:401
ID	1293
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	backup-and-storage
Sub Category	backup-systems
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NETBIOS

Name/CLI Keyword	netbios
Full Name	NetBIOS
Description	Deprecated: Network Basic Input/Output System (NetBIOS)
Introduced	-
Deprecated	9.0.0
Reference	http://www.ietf.org/rfc/rfc1001.txt
Global ID	13:26
ID	26

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NETBIOS-DGM

Name/CLI Keyword	netbios-dgm
Full Name	NetBIOS-DGM
Description	NetBIOS's datagram distribution service is the part of the NetBIOS-over-TCP/UDP protocol suite for connectionless communication. NetBIOS provides services related to the session layer of the OSI model allowing applications on separate computers to communicate over a local area network. NetBIOS's datagram distribution service provides a connectionless service which means that the error detection and recovery are the application responsibility.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1002
Global ID	13:138
ID	1505
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	netbios-group
Business Relevance	business-relevant
Category	net-admin

Sub Category	naming-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NETBIOS-NS

Name/CLI Keyword	netbios-ns
Full Name	NetBIOS Naming Service
Description	NetBIOS Name Service is part of the NetBIOS-over-TCP/UDP protocol suite for name registration and resolution. It provides services related to the session layer of the OSI model allowing applications on separate computers to communicate over a local area network. In NetBIOS, each participant must register on the network using a unique name. NetBIOS over TCP/IP can implement a central repository or Name Service that records all name registrations. It only supports IPV4 addresses and typically works on TCP/UDP port 137.
Introduced	-
Deprecated	-
Reference	http://publibz.boulder.ibm.com/cgi-bin/bookmgr_OS390/BOOKS/BK8P7001/1.12?DT=19960430153053
Global ID	3:137
ID	1421
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	netbios-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	naming-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt

Tunnel	False

NETBIOS-SSN

Name/CLI Keyword	netbios-ssn
Full Name	NetBIOS-SSN
Description	NetBIOS's session service is the part of the NetBIOS-over-TCP/UDP protocol suite for connection oriented communication. NetBIOS provides services related to the session layer of the OSI model allowing applications on separate computers to communicate over a local area network. NetBIOS's session service allows two machines to form a connection, mechanisms for error detection and recovery and multiple packets messages.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1002
Global ID	3:139
ID	1506
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	netbios-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	naming-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NETBLT

Name/CLI Keyword	netblt
Full Name	Bulk Data Transfer Protocol

Description	NETBLT (NETwork BLock Transfer) is a transport level protocol intended for the rapid transfer of a large quantity of data between computers. It provides a transfer that is reliable and flow controlled, and is designed to provide maximum throughput over a wide variety of networks. Although NETBLT currently runs on top of the Internet Protocol (IP), it should be able to operate on top of any datagram protocol similar in function to IP.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc998
Global ID	1:30
ID	784
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

NETFLIX

Name/CLI Keyword	netflix
Full Name	Netflix
Description	Netflix is an American provider of on-demand internet streaming media in the United States, Canada, and Latin America. Netflix on-demand Internet video streaming ("Watch Instantly") works on Windows or Mac OS X and compatible devices. The services underlying protocols are HTTP and SSL.
Introduced	-
Deprecated	-
Reference	http://www.netflix.com/

Global ID	13:457
ID	1316
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

NETFLOW

Name/CLI Keyword	netflow
Full Name	NetFlow
Description	NetFlow is a network protocol developed by Cisco Systems for collecting IP traffic information and monitoring network traffic. This protocol classifies version 9 of Netflow, while version 10 is classified as IPFIX.
Introduced	14.0.0
Deprecated	-
Reference	https://en.wikipedia.org/wiki/NetFlow
Global ID	13:604
ID	1543
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin

Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NETGW

Name/CLI Keyword	netgw
Full Name	netGW
Description	Registered with IANA on port 741 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:741
ID	618
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NETNEWS

Name/CLI Keyword	netnews
Full Name	Netnews
Description	Netnews (Usenet) is a worldwide distributed Internet discussion system. It was developed from the general purpose UUCP architecture of the same name.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Usenet
Global ID	3:532
ID	450
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	nntp-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NETOP-REMOTE-CONTROL

Name/CLI Keyword	netop-remote-control
Full Name	Netop Remote Control

Description	Netop Remote Control provides solutions for the remote management and support of enterprise IT infrastructure, help desk, customer service, kiosk and POS devices. The cross-platform capabilities make it possible to access the most common operating systems from any operating system of the same selection. Connection over the Internet is possible to both pre-installed clients as well as on-demand clients. Netop supports access to computers not having loaded the operating system for maintenance of BIOS etc.
Introduced	-
Deprecated	-
Reference	http://www.netop.com/products/administration/remote.htm
Global ID	3:1970
ID	1399
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NETRCS

Name/CLI Keyword	netrcs
Full Name	Netrcs
Description	Registered with IANA on port 742 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml

Global ID	3:742
ID	619
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NETRJS-1

Name/CLI Keyword	netrjs-1
Full Name	Remote Job Service
Description	NETRJS is a private protocol for remote job entry service, was defined and implemented by the UCLA Campus Computing Network (CCN). CCN's NETRJS server allows a remote user, or a daemon process working in behalf of a user, to access CCN's Remote Job Service (RJS) subsystem.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc740
Global ID	3:71
ID	948
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant

Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NETRJS-2

Name/CLI Keyword	netrjs-2
Full Name	Remote Job Service
Description	NETRJS is a private protocol for remote job entry service, was defined and implemented by the UCLA Campus Computing Network (CCN). CCN's NETRJS server allows a remote user, or a daemon process working in behalf of a user, to access CCN's Remote Job Service (RJS) subsystem.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc740
Global ID	3:72
ID	949
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NETRJS-3

Name/CLI Keyword	netrjs-3
Full Name	Remote Job Service
Description	NETRJS is a private protocol for remote job entry service, was defined and implemented by the UCLA Campus Computing Network (CCN). CCN's NETRJS server allows a remote user, or a daemon process working in behalf of a user, to access CCN's Remote Job Service (RJS) subsystem.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc740
Global ID	3:73
ID	950
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NETRJS-4

Name/CLI Keyword	netrjs-4
Full Name	Remote Job Service
Description	NETRJS is a private protocol for remote job entry service, was defined and implemented by the UCLA Campus Computing Network (CCN). CCN's NETRJS server allows a remote user, or a daemon process working in behalf of a user, to access CCN's Remote Job Service (RJS) subsystem.

Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc740
Global ID	3:74
ID	951
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NETSC-DEV

Name/CLI Keyword	netsc-dev
Full Name	NETSC
Description	Registered with IANA on port 155 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:155
ID	1002
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NETSC-PROD

Name/CLI Keyword	netsc-prod
Full Name	NETSC
Description	Registered with IANA on port 154 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:154
ID	1001
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NETSHOW

Name/CLI Keyword	netshow
Full Name	Windows Media
Description	Netshow is a Microsoft software designed to stream media over intranets and the internet. NetShow can transfer live multicast and on-demand streamed audio, illustrated audio and video. Typically, Netshow uses TCP port 1755 and UDP ports between 1024-5000.
Introduced	-
Deprecated	35.0.0
Reference	http://www.microsoft.com/presspass/press/1997/mar97/nsbta2pr.mspx
Global ID	13:426
ID	53
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

NETSUITE

Name/CLI Keyword	netsuite
Full Name	NetSuite
Description	NetSuite Inc. is an American cloud computing company that sells a group of software services used to manage a business's financials, operations and customer relations.

Introduced	35.0.0
Deprecated	-
Reference	http://www.netsuite.com/
Global ID	13:1187
ID	1187
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	netsuite-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-services
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

NETVIEWDM1

Name/CLI Keyword	netviewdm1
Full Name	IBM NetView DM/6000 Server/Client
Description	IBM NetView Distribution Manager provides centralized management capabilities. It enables customers to automate the distribution of software and data to a large number of remote targets when utilizing the S/390 computers as the primary management system, and provides centralized tracking, automated error recovery, and efficient utilization of the network during the distribution process and shows the customer a history of the distribution process
Introduced	-
Deprecated	-
Reference	http://www-01.ibm.com/software/tivoli/products/netview_distmgr/
Global ID	3:729
ID	615

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NETVIEWDM2

Name/CLI Keyword	netviewdm2
Full Name	IBM NetView DM
Description	IBM NetView Distribution Manager (IBM NetView DM) provides centralized management capabilities. It enables customers to automate the distribution of software and data to a large number of remote targets when utilizing the S/390 computers as the primary management system. It provides centralized tracking, automated error recovery, and efficient utilization of the network during the distribution process and shows the customer a history of the distribution process.
Introduced	-
Deprecated	-
Reference	http://www-01.ibm.com/software/tivoli/products/netview_distmgr/
Global ID	3:730
ID	616
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin

Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NETVIEWDM3

Name/CLI Keyword	netviewdm3
Full Name	IBM NetView DM
Description	IBM NetView Distribution Manager (IBM NetView DM) provides centralized management capabilities. It enables customers to automate the distribution of software and data to a large number of remote targets when utilizing the S/390 computers as the primary management system. It provides centralized tracking, automated error recovery, and efficient utilization of the network during the distribution process and shows the customer a history of the distribution process.
Introduced	-
Deprecated	-
Reference	http://www-01.ibm.com/software/tivoli/products/netview_distmgr/
Global ID	3:731
ID	617
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NETVMG-TRACEROUTE

Name/CLI Keyword	netvmg-traceroute
Full Name	Routing Diagnostics Tool
Description	netvmg-traceroute is a network diagnostic tool used by NetVMG (who were acquired by Internap in 2003) products to optimize routing.
Introduced	-
Deprecated	-
Reference	http://venturebeatprofiles.com/company/profile/netvmg
Global ID	3:33435
ID	1358
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

NETWALL

Name/CLI Keyword	netwall
Full Name	Netwall, for emergency broadcasts
Description	Registered with IANA on port 533 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:533
ID	451
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NETWARE-IP

Name/CLI Keyword	netware-ip
Full Name	Novell Netware over IP
Description	NetWare is a computer network operating system by Novell. NetWare Over TCP/IP feature makes both NetWare Core Protocol (NCP) and Novell Directory Services (NDS) application-layer protocols in the Internet protocol suite without the need for IPX encapsulation or special naming support.
Introduced	-
Deprecated	-
Reference	http://support.novell.com/techcenter/articles/ana19970303.html
Global ID	3:396
ID	311
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NETWORKING-GNUTELLA

Name/CLI Keyword	networking-gnutella
Full Name	Networking-Gnutella
Description	Gnutella-network represents the control traffic for Gnutella, which is a peer to peer application used for file sharing.
Introduced	-
Deprecated	-
Reference	http://www.gnutellaforums.com/
Global ID	13:420
ID	358
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	gnutella-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-networking
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NEW-RWHO

Name/CLI Keyword	new-rwho
Full Name	New who
Description	Registered with IANA on port 550 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:550
ID	467
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NEXTSTEP

Name/CLI Keyword	nextstep
Full Name	NextStep Window Server
Description	NeXTSTEP (also written NeXTstep, NeXTStep, and NEXTSTEP) was the object-oriented, multitasking operating system developed by NeXT Computer to run on its range of proprietary workstation computers, such as the NeXTcube. It was later ported to several other computer architectures.
Introduced	-

Deprecated	-
Reference	http://en.wikipedia.org/wiki/Nextstep
Global ID	3:178
ID	1022
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NFS

Name/CLI Keyword	nfs
Full Name	NFS
Description	Network File System (NFS) is a distributed file system that allows users to access and modify files remotely as if they were local files. The protocol is based on client server architecture and typically uses TCP/UDP port 2049.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc3530.txt
Global ID	3:2049
ID	27
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NHL-COM

Name/CLI Keyword	nhl-com
Full Name	NHL.com
Description	NHL.com - The National Hockey League official website.
Introduced	14.0.0
Deprecated	-
Reference	http://nhl.com
Global ID	13:761
ID	1691
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

NI-FTP

Name/CLI Keyword	ni-ftp
Full Name	NI FTP
Description	The NI FTP is a two-party file transfer protocol. The transfer occurs in two phases. In the first, the transfer is defined and the attributes of the data to be transferred are negotiated. In the second, the data is actually transferred.
Introduced	-
Deprecated	-
Reference	http://www.rfc-editor.org/ien/ien99.txt
Global ID	3:47
ID	927
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ftp-group
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NI-MAIL

Name/CLI Keyword	ni-mail
Full Name	NI MAIL
Description	NI MAIL is a program for email mass sending with SOCKS proxy support. It is free for noncommercial use and is most common in Russia.
Introduced	-

Deprecated	-
Reference	http://www.kivlab.com/soft/ma/
Global ID	3:61
ID	938
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NICNAME

Name/CLI Keyword	nicname
Full Name	NICNAME/WHOIS
Description	The NICNAME/WHOIS Server is an NCP/TCP transaction based query/response server, running on the SRI-NIC machine, that provides netwide directory service to ARPANET users.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/rfc/rfc812
Global ID	3:43
ID	110
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NICO-VIDEO

Name/CLI Keyword	nico-video
Full Name	Niconico
Description	Nico-video (also known as nico-nico) is a video sharing website in Japan managed by Niwango, a subsidiary of Dwango. Users can upload, view and share video clips. Unlike other video sharing sites, comments are overlaid directly onto the video, synced to a specific playback time.
Introduced	12.0.0
Deprecated	-
Reference	http://www.nicovideo.jp/
Global ID	13:596
ID	1535
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	flash-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming

Tunnel	False

NIKE

Name/CLI Keyword	nike
Full Name	Nike
Description	Nike - Shoe and sports apparel manufacturer.
Introduced	14.0.0
Deprecated	-
Reference	http://nike.com
Global ID	13:734
ID	1664
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

NLOGIN

Name/CLI Keyword	nlogin
Full Name	Nlogin
Description	Registered with IANA on port 758 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:758
ID	630
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NMAP

Name/CLI Keyword	nmap
Full Name	Network Mapper
Description	Network Mapper (Nmap) is a security scanner used to discover hosts and services on a computer network, thus creating a "map" of the network. To accomplish its goal, Nmap sends specially crafted packets to the target host and then analyzes the responses. Nmap is able to determine the operating system of the target, names and versions of the listening services, estimated uptime, type of device, and presence of a firewall.
Introduced	-
Deprecated	-
Reference	http://nmap.org/
Global ID	3:689
ID	597
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NMSP

Name/CLI Keyword	nmsp
Full Name	Networked Media Streaming Protocol
Description	Registered with IANA on port 537 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:537
ID	455
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

NNSP

Name/CLI Keyword	nnsp
Full Name	NNSP
Description	Registered with IANA on port 433 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:433
ID	348
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	nntp-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NNTP

Name/CLI Keyword	nntp
Full Name	NNTP
Description	Network News Transfer Protocol (NNTP) is an Internet transfer protocol used for reading and posting Usenet articles and transferring them between news servers. Usually the TCP port is 119, and NNTP over SSL TCP/UDP port is 563.
Introduced	-

Deprecated	-
Reference	http://tools.ietf.org/html/rfc3977
Global ID	3:119
ID	28
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	nntp-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NOAA

Name/CLI Keyword	noaa
Full Name	NOAA
Description	NOAA - Ocean and Atmospheric research agency.
Introduced	14.0.0
Deprecated	-
Reference	http://noaa.gov
Global ID	13:793
ID	1721
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant

Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

NOTES

Name/CLI Keyword	notes
Full Name	IBM Lotus Notes
Description	IBM Lotus Notes provides integrated collaboration functionality, including email, calendaring, contacts management, to do tracking, instant messaging, an office productivity suite (IBM Lotus Symphony), and access to other Lotus Domino applications and databases.
Introduced	-
Deprecated	9.0.0
Reference	http://www-01.ibm.com/software/lotus/notesanddomino/
Global ID	13:2000
ID	30
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NOVADIGM

Name/CLI Keyword	novadigm
Full Name	Novadigm Enterprise Desktop Manager
Description	Novadigm Enterprise Desktop Manager (EDM) was a management platform for deploying enterprise applications, distributing software changes and standardizing systems administration. It is now part of the HP Client Automation software.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/HP_Client_Automation_Software
Global ID	13:47
ID	47
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NOVASTORBAKCUP

Name/CLI Keyword	novastorbakcup
Full Name	NovaStor Backup
Description	Used by NovaStor in their backup products.
Introduced	-
Deprecated	-

Reference	http://www.novastor.com
Global ID	3:308
ID	1148
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	backup-and-storage
Sub Category	backup-systems
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NPMP-GUI

Name/CLI Keyword	npmp-gui
Full Name	Npmp-Gui
Description	Registered with IANA on port 611 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:611
ID	520
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	npmp-group
Business Relevance	business-relevant
Category	net-admin

Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NPMP-LOCAL

Name/CLI Keyword	npmp-local
Full Name	NPMP Local
Description	Registered with IANA on port 610 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:610
ID	519
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	npmp-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NPMP-TRAP

Name/CLI Keyword	npmp-trap
Full Name	NPMP Trap
Description	Registered with IANA on port 609 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:609
ID	518
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	npmp-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NPP

Name/CLI Keyword	npp
Full Name	Network Printing Protocol
Description	Registered with IANA on port 92 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:92
ID	97
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NQS

Name/CLI Keyword	nqs
Full Name	Network Queueing System
Description	The Network Queueing System (NQS) allows users to submit batch jobs to queues on local or remote machines for execution. The NQS supports returning log and error files to the machine that originated the job.
Introduced	-
Deprecated	-
Reference	http://gnqs.sourceforge.net/docs/papers/mnqs_papers/original_cosmic_nqs_paper.htm
Global ID	3:607
ID	516
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NS

Name/CLI Keyword	ns
Full Name	Network Systems
Description	The Network Systems (NS) protocol family is a collection of protocols layered atop the Internet Datagram Protocol (IDP) transport layer, using the Xerox Network Systems (XNS) address formats.
Introduced	-
Deprecated	-
Reference	http://www.regatta.cs.msu.su/doc/usr/share/man/info/ru_RU/a_doc_lib/aixprggd/progcomc/xns_fam.htm
Global ID	3:760
ID	632
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data

Tunnel	False

NSFNET-IGP

Name/CLI Keyword	nsfnet-igp
Full Name	NSFNET-IGP
Description	NSFNET-IGP
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/List_of_IP_protocol_numbers
Global ID	1:85
ID	839
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

NSIIOPS

Name/CLI Keyword	nsiiops
Full Name	IIOP Name Service over TLS/SSL
Description	Internet Inter-ORB Protocol (IIOP) is used to allow different computer programs which use different programming code to communicate with one another on the Internet. IIOP Name Service operates in Secure Socket Layer and Transport Layer Security(SSL/TLS).

Introduced	-
Deprecated	-
Reference	http://www2.informatik.hu-berlin.de/~obecker/Lehre/SS2001/CORBA/specs/01-02-51.pdf
Global ID	3:261
ID	1133
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	corba-group
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	ops-admin-mgmt
Tunnel	False

NSRMP

Name/CLI Keyword	nsrmp
Full Name	Network Security Risk Management Protocol
Description	Registered with IANA on port 359 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:359
ID	275
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NSS-ROUTING

Name/CLI Keyword	nss-routing
Full Name	NSS-Routing
Description	Registered with IANA on port 159 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:159
ID	1005
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

NSW-FE

Name/CLI Keyword	nsw-fe
Full Name	NSW User System FE
Description	Registered with IANA on port 27 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:27
ID	912
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

NTALK

Name/CLI Keyword	ntalk
Full Name	nTalk
Description	ntalk is a chat application. It works in a client-server model and it's designed to work in all kinds of networks. ntalk was written to be much more easy-to-use, friendly and functional than Unix talk.
Introduced	-

Deprecated	-
Reference	http://sourceforge.net/projects/ntalk/
Global ID	3:518
ID	435
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

NTP

Name/CLI Keyword	ntp
Full Name	NTP
Description	Network Time Protocol (NTP) is a protocol for synchronizing the system clocks of distributed computer systems over packet-switched, variable-latency data networks. Usually the UDP port used is 123.
Introduced	-
Deprecated	-
Reference	http://www.ntp.org/
Global ID	3:123
ID	31
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NVP-II

Name/CLI Keyword	nvp-ii
Full Name	NVP
Description	The Network Voice Protocol (NVP) was a computer network protocol for transporting human speech over packetized communications networks. It was an early example of VoIP technology.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc741.txt
Global ID	1:11
ID	766
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

NXEDIT

Name/CLI Keyword	nxedit
Full Name	NXEdit
Description	Registered with IANA on port 126 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:126
ID	995
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

NY-DAILY-NEWS

Name/CLI Keyword	ny-daily-news
Full Name	NY Daily News
Description	NY Daily News - News portal.
Introduced	14.0.0
Deprecated	-
Reference	http://nydailynews.com

Global ID	13:731
ID	1661
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

NYTIMES

Name/CLI Keyword	nytimes
Full Name	The New York Times
Description	The New York Times - Newspaper website.
Introduced	14.0.0
Deprecated	-
Reference	http://nyt.com
Global ID	13:629
ID	1558
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

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OBEX

Name/CLI Keyword	obex
Full Name	OBEX
Description	OBject Exchange (OBEX) is a communications protocol that facilitates the exchange of binary objects between devices.
Introduced	-
Deprecated	-
Reference	http://www.irda.org/
Global ID	3:650
ID	559
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

OBJCALL

Name/CLI Keyword	objcall
Full Name	Tivoli Object Dispatcher
Description	The Tivoli object dispatcher (oserv) is the central driving mechanism for operations in the Tivoli environment. It maintains the Tivoli object database on each system that has Tivoli installed, it routes object calls to the proper systems and objects, and it arranges for the execution of methods that are invoked in the context of objects that reside on the local system.
Introduced	-
Deprecated	-
Reference	http://publib.boulder.ibm.com/tividd/td/framework/GC32-0807-00/en_US/HTML/troubl09.html
Global ID	3:94
ID	965
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

OCBINDER

Name/CLI Keyword	ocbinder
Full Name	OCBinder
Description	Registered with IANA on port 183 TCP/UDP

Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:183
ID	1026
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

OCS_AMU

Name/CLI Keyword	ocs_amu
Full Name	OCS Amu
Description	Registered with IANA on port 429 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:429
ID	344
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

OCS_CMU

Name/CLI Keyword	ocs_cmu
Full Name	OCS CMU
Description	Registered with IANA on port 428 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:428
ID	343
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

OCSERVER

Name/CLI Keyword	ocserver
Full Name	OCServer
Description	Registered with IANA on port 184 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:184
ID	1027
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

OCSP

Name/CLI Keyword	ocsp
Full Name	OCSP
Description	OCSP - Online Certificate Status Protocol
Introduced	-
Deprecated	-
Reference	https://tools.ietf.org/html/rfc6960

Global ID	13:819
ID	1750
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ODMR

Name/CLI Keyword	odmr
Full Name	ODMR
Description	On-Demand Mail Relay (ODMR) is an SMTP extension that allows e-mail to be relayed once the recipient has been authenticated. It uses the Extended SMTP (ESMTP) command ATRN, similar to the ETRN command but available for dynamically assigned IP addresses.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc2645
Global ID	3:366
ID	282
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	smtp-group
Business Relevance	business-relevant

Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

OHIMSRV

Name/CLI Keyword	ohimsrv
Full Name	Ohimsrv
Description	Registered with IANA on port 506 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:506
ID	420
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

OKCUPID

Name/CLI Keyword	okcupid
Full Name	OkCupid
Description	OkCupid - Online Dating website.
Introduced	14.0.0
Deprecated	-
Reference	http://okccdn.com
Global ID	13:703
ID	1633
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

OLSR

Name/CLI Keyword	olsr
Full Name	OLSR
Description	The Optimized Link State Routing Protocol (OLSR) is an IP routing protocol optimized for mobile ad-hoc networks, which can also be used on other wireless ad-hoc networks. OLSR is a proactive link-state routing protocol, which uses hello and topology control (TC) messages to discover and then disseminate link state information throughout the mobile ad-hoc network. Individual nodes use this topology information to compute next hop destinations for all nodes in the network using shortest hop forwarding paths.

Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc3626
Global ID	3:698
ID	606
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

OMGINITIALREFS

Name/CLI Keyword	omginitialrefs
Full Name	OMG Initial Reference
Description	Registered with IANA on port 900 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:900
ID	663
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

OMHS

Name/CLI Keyword	omhs
Full Name	Operations Manager - Health Service
Description	The Health Monitoring Service is used to monitor web services installed in one or multiple sites. The Health Monitoring Service can highlight issues that cause downtime or poor performance, such as unavailable services, long response time, and security breaches.
Introduced	-
Deprecated	-
Reference	http://msdn.microsoft.com/en-us/library/dd464428.aspx
Global ID	3:5723
ID	1388
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data

Tunnel	False

OMSERV

Name/CLI Keyword	omserv
Full Name	Omserv
Description	Registered with IANA on port 764 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:764
ID	636
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ONEDRIVE

Name/CLI Keyword	onedrive
Full Name	Microsoft OneDrive
Description	Microsoft OneDrive (formerly SkyDrive) is a cloud storage service that enables file access by browser or mobile application.

Introduced	66.0.0
Deprecated	-
Reference	https://www.microsoft.com/en/microsoft-365/onedrive/online-cloud-storage
Global ID	13:1292
ID	1292
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	consumer-cloud-storage
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

ONMUX

Name/CLI Keyword	onmux
Full Name	Onmux
Description	Registered with IANA on port 417 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:417
ID	332
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

OPALIS-RDV

Name/CLI Keyword	opalis-rdv
Full Name	Opalis RDV
Description	opalis-rdv, Registered with IANA on port 536 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:536
ID	454
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

OPALIS-ROBOT

Name/CLI Keyword	opalis-robot
Full Name	OpalisRobot
Description	OpalisRobot is a comprehensive system management and automation solution. It delivers real-time monitoring, notification, corrective action and event driven job scheduling to provide administrators with proactive management.
Introduced	-
Deprecated	-
Reference	http://amtsoft.com/opalisrobot/
Global ID	3:314
ID	1154
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

OPC-JOB-START

Name/CLI Keyword	opc-job-start
Full Name	IBM OPC

Description	Operations Planning and Control (OPC) is part of IBM Tivoli OPC Operations and Administration discipline. Tivoli OPC supports operations management, providing the foundation for enterprise-wide production workload management. Tivoli OPC helps users plan, manage, and automate the production workload, and control a single-image OS/390 system or complex, multivendor networks and systems from a single point of control.
Introduced	-
Deprecated	-
Reference	http://publib.boulder.ibm.com/tividd/td/OperationsPlanningandControl2.3.html
Global ID	3:423
ID	338
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

OPC-JOB-TRACK

Name/CLI Keyword	opc-job-track
Full Name	IBM Operations Planning and Control Track
Description	Used by IBM in their Tivoli Operations Planning and Control product for planning, managing, and automating production workloads from a single point of control.
Introduced	-
Deprecated	-
Reference	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=an&subtype=ca&htmlfid=897/ENUS298-217&appname=isource&language=enus

Global ID	3:424
ID	339
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

OPEN-AI

Name/CLI Keyword	open-ai
Full Name	OpenAI
Description	AI research and deployment company
Introduced	75.0.0
Deprecated	-
Reference	https://openai.com/
Global ID	13:1473
ID	1473
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	open-ai-group
Business Relevance	business-relevant
Category	gen-ai
Sub Category	consumer-web-browsing

P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

OPENPORT

Name/CLI Keyword	openport
Full Name	Openport
Description	Registered with IANA on port 260 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:260
ID	1132
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

OPENVMS-SYSIPC

Name/CLI Keyword	openvms-sysipc

Full Name	OpenVMS System IPC
Description	Registered with IANA on port 557 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:557
ID	472
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

OPENVPN

Name/CLI Keyword	openvpn
Full Name	OpenVPN
Description	OpenVPN is a free and open source virtual private network (VPN) program for creating point-to-point or server-to-multiclient encrypted tunnels between host computers. OpenVPN allows peers to authenticate each other using certificates.
Introduced	-
Deprecated	-
Reference	http://openvpn.net/
Global ID	13:455

ID	1314
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	True
Encrypted	True
Traffic-class	bulk-data
Tunnel	True

OPSMGR

Name/CLI Keyword	opsmgr
Full Name	Microsoft SCOM
Description	Microsoft System Center Operations Manager is a cross-platform data center management system for operating systems and hypervisors. It uses a single interface that shows state, health and performance information of computer systems. It also provides alerts generated according to some availability, performance, configuration or security situation being identified. It works with Microsoft Windows Server and Unix-based hosts.
Introduced	-
Deprecated	-
Reference	http://www.microsoft.com/en-us/server-cloud/system-center/datacenter-management.aspx
Global ID	3:1270
ID	1387
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ORA-SRV

Name/CLI Keyword	ora-srv
Full Name	Oracle TCP/IP Listener
Description	Registered with IANA on port 1525 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:1525
ID	89
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ORACLE

Name/CLI Keyword	oracle
Full Name	Oracle
Description	Oracle Corporation is an American multinational computer technology corporation. The company specializes primarily in developing and marketing database software and technology, cloud engineered systems and enterprise software products particularly its own brands of database management systems.
Introduced	35.0.0
Deprecated	-
Reference	https://www.oracle.com/index.html
Global ID	13:1184
ID	1184
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	oracle-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

ORACLE-BI

Name/CLI Keyword	oracle-bi
Full Name	Oracle BI
Description	Used by Oracle in their Business Intelligence products.
Introduced	-

Deprecated	-
Reference	http://www.oracle.com/us/solutions/business-analytics/business-intelligence/index.html
Global ID	3:9703
ID	1359
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	oracle-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ORACLE-EBSUITE-UNSECURED

Name/CLI Keyword	oracle-ebsuite-unsecured
Full Name	Oracle E-Business Suite - Un-encrypted Traffic
Description	Oracle E-Business Suite (also known as Applications/Apps or EB-Suite/EBS) consists of a collection of enterprise resource planning (ERP), customer relationship management (CRM), and supply-chain management (SCM) computer applications. The software utilizes Oracle's core relational database management system technology.
Introduced	-
Deprecated	-
Reference	http://www.oracle.com/us/products/applications/ebusiness/index.html
Global ID	13:516
ID	1452
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	oracle-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ORACLE-SQLNET

Name/CLI Keyword	oracle-sqlnet
Full Name	SQL*NET
Description	SQL*NET is a client-server middleware used to transfer information between databases and between database to clients.
Introduced	-
Deprecated	-
Reference	http://www.orafaq.com/wiki/SQL*Net
Global ID	3:66
ID	1425
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	oracle-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data

Tunnel	False

ORACLENAMES

Name/CLI Keyword	oraclenames
Full Name	Oracle Names
Description	Oracle Names is a distributed naming service developed to help simplify the setup and administration of global, client/server computing networks. Oracle Names establishes and maintains an integrated system of names servers that work together like a directory service, storing addresses for all the services on a network and making them available to clients wanting to make a connection.
Introduced	-
Deprecated	-
Reference	http://docs.oracle.com/cd/A58617_01/network.804/a58230/ch6.htm
Global ID	3:1575
ID	695
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	oracle-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ORACLENET8CMAN

Name/CLI Keyword	oraclenet8cman
Full Name	Oracle Net8 Cman

Description	Oracle Connection Manager, a Net8 component that acts much like a router and provides protocol conversion, connection concentration, and access control.
Introduced	-
Deprecated	-
Reference	http://dl.acm.org/citation.cfm?id=557584
Global ID	3:1630
ID	696
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	oracle-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ORBIX-CFG-SSL

Name/CLI Keyword	orbix-cfg-ssl
Full Name	Orbix 2000 Config over SSL
Description	Orbix is a CORBA ORB (Object Request Broker) from Micro Focus which helps programmers build distributed applications. Orbix cfg (config) works over SSL typically on port 3078.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Orbix_(software)
Global ID	3:3078
ID	1600

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	corba-group
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

ORBIX-CONFIG

Name/CLI Keyword	orbix-config
Full Name	Orbix 2000 Config
Description	Registered with IANA on port 3076 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:3076
ID	705
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	corba-group
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False

Traffic-class	transactional-data
Tunnel	False

ORBIX-LOC-SSL

Name/CLI Keyword	orbix-loc-ssl
Full Name	Orbix 2000 Locator over SSL
Description	Used by Progree Software Corporation in their Orbix software for enterprise COBRA solutions.
Introduced	-
Deprecated	-
Reference	http://www.progress.com/en/orbix/index.html
Global ID	3:3077
ID	706
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	corba-group
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

ORBIX-LOCATOR

Name/CLI Keyword	orbix-locator
Full Name	Orbix 2000 Locator

Description	Used by Progree Software Corporation in their Orbix software for enterprise COBRA solutions.
Introduced	-
Deprecated	-
Reference	http://www.progress.com/en/orbix/index.html
Global ID	3:3075
ID	704
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	corba-group
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

OSCAR-FILETRANSFER

Name/CLI Keyword	oscar-filetransfer
Full Name	OSCAR File Transfer
Description	Open System for CommunicAtion in Realtime (OSCAR) File Transfer traffic classification. This protocol is mainly used by AIM and ICQ application clients.
Introduced	-
Deprecated	-
Reference	http://web.archive.org/web/20080308233204/http://dev.aol.com/aim/oscar/
Global ID	13:513
ID	1448
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	aol-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

OSPF

Name/CLI Keyword	ospf
Full Name	Open Shortest Path First
Description	Open Shortest Path First (OSPF) is a link state routing protocol that shares the network topology of an Autonomous System between OSPF routers. Each OSPF router maintains a database by calculating Shortest Path Tree algorithm with the link state provided from the OSPF protocol.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc2328.txt
Global ID	1:89
ID	10
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False

Encrypted	False
Traffic-class	network-control
Tunnel	False

OSU-NMS

Name/CLI Keyword	osu-nms
Full Name	OSU Network Monitoring System
Description	Registered with IANA on port 192 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:192
ID	1036
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

OUTBRAIN

Name/CLI Keyword	outbrain
Full Name	Outbrain

Description	Outbrain - Online help for publishers and bloggers.
Introduced	14.0.0
Deprecated	-
Reference	http://outbrain.com
Global ID	13:637
ID	1566
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

OUTLOOK-WEB-SERVICE

Name/CLI Keyword	outlook-web-service
Full Name	Outlook Web Service
Description	Outlook Web Service is a protocol that covers a group of Microsoft's web email services, it includes Outlook email service part of Microsoft Office 365 Business Plan.
Introduced	-
Deprecated	-
Reference	http://www.outlook.com
Global ID	13:550
ID	1484
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-cloud-services
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

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P10

Name/CLI Keyword	p10
Full Name	P10

Description	TheP10protocol is an extension to the Internet Relay Chat protocol (IRC) for server to server communications. It is similar in purpose to IRCX and EFnet TS5/TS6 protocols and implements nick and channel timestamping for handling nick collisions and netsplit channel riding, respectively.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/IRCd#P10
Global ID	3:6665
ID	1400
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PANASONIC-IP-CAMERA

Name/CLI Keyword	panasonic-ip-camera
Full Name	Panasonic IP Camera
Description	Panasonic IP Camera Protocol.
Introduced	67.0.0
Deprecated	-
Reference	https://www.panasonic.com
Global ID	13:1299
ID	1299

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

PANDO

Name/CLI Keyword	pando
Full Name	Pando
Description	Pando is a file sharing software that allows the clients to stream, download and share media. Pando is based on peer to peer and client server architectures. It uses BitTorrent protocol to transfer files therefore the underlying protocols for Pando are SSL and HTTP.
Introduced	-
Deprecated	-
Reference	http://www.pando.com/
Global ID	13:443
ID	1049
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer

P2P Technology	True
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

PANDORA

Name/CLI Keyword	pandora
Full Name	Pandora Internet Radio
Description	Pandora Internet Radio (also referred to as Pandora Radio or simply Pandora) is an automated music recommendation service and custodian of the Music Genome Project available only in the United States. The service plays musical selections similar to song suggestions entered by a user.
Introduced	-
Deprecated	-
Reference	http://www.pandora.com
Global ID	13:515
ID	1451
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-audio-streaming
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

PARSEC-GAME

Name/CLI Keyword	parsec-game
Full Name	Parsec Gameserver
Description	Parsec is a fast-paced non-commercial network space-shooter.
Introduced	-
Deprecated	-
Reference	http://www.parsec.org/
Global ID	3:6582
ID	744
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	gaming
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PASSGO

Name/CLI Keyword	passgo
Full Name	PassGo Technologies Service
Description	PassGo Technologies Service is a service used by PassGo. PassGo is a product manufactured by PassGo Technologies, a company that developed software for web access management, privilege management and one-time password token products. In 2008 they were acquired by Quest Software Inc.
Introduced	-

Deprecated	-
Reference	http://www.quest.com/
Global ID	3:511
ID	425
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

PASSGO-TIVOLI

Name/CLI Keyword	passgo-tivoli
Full Name	PassGo Technologies Service
Description	PassGo Technologies Service is a service used by PassGo. PassGo is a product manufactured by PassGo Technologies, a company that developed software for web access management, privilege management and one-time password token products. In 2008 they were acquired by Quest Software Inc.
Introduced	-
Deprecated	-
Reference	http://www.quest.com/
Global ID	3:627
ID	536
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

PASSWORD-CHG

Name/CLI Keyword	password-chg
Full Name	Password Change
Description	The Change Password service is a protocol provider that services Kerberos Change Password and Set Password Protocol requests. Change Password is a request-reply protocol that uses Kerberos infrastructure to allow users to securely set initial passwords or to change existing passwords. The Change Password protocol interoperates with the original Kerberos Change Password protocol, while adding the ability for an administrator to set a password for a new user.
Introduced	-
Deprecated	-
Reference	http://directory.apache.org/apacheds/1.5/55-change-password-protocol-provider.html
Global ID	3:586
ID	500
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False

Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

PATCH-COM

Name/CLI Keyword	patch-com
Full Name	Patch.com
Description	Patch.com - Local news website.
Introduced	14.0.0
Deprecated	-
Reference	http://assets0.patch-assets.com
Global ID	13:764
ID	1694
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

PAWSERV

Name/CLI Keyword	pawserv
Full Name	Perf Analysis Workbench
Description	Registered with IANA on port 345 TCP/UDP

Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:345
ID	800
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

PAYPAL

Name/CLI Keyword	paypal
Full Name	PayPal
Description	PayPal - E-commerce website for handling online transactions.
Introduced	14.0.0
Deprecated	-
Reference	http://paypal.com
Global ID	13:512
ID	261
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

PBS-WEB-PORTAL

Name/CLI Keyword	pbs-web-portal
Full Name	Public Broadcasting Service
Description	Public Broadcasting Service - an American television network.
Introduced	14.0.0
Deprecated	-
Reference	http://pbs.org
Global ID	13:802
ID	1730
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

PCANYWHERE

Name/CLI Keyword	pcanywhere
Full Name	pcAnywhere
Description	Deprecated: pcAnywhere lets users connect to another computer for remote desktop access. The protocol uses UDP for control, typically on port 5361 and a TCP connection for transferring the data, typically on port 5362.
Introduced	-
Deprecated	32.0.0
Reference	http://www.symantec.com/pcanywhere
Global ID	13:32
ID	32
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

PCH-COM

Name/CLI Keyword	pch-com
Full Name	Publishers Clearing House
Description	Publishers Clearing House - Online marketing company.
Introduced	14.0.0
Deprecated	-

Reference	http://pch.com
Global ID	13:781
ID	1709
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

PCMAIL-SRV

Name/CLI Keyword	pcmail-srv
Full Name	PCMail Server
Description	PCMail is a distributed mail system providing mail service to an arbitrary number of users, each of whom owns one or more workstations.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1056
Global ID	3:158
ID	1004
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other

Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PCOIP

Name/CLI Keyword	pcoip
Full Name	PCoIP
Description	PCoIP is a remote display protocol, developed by Teradici. It is used to remotely connect to desktops and applications sending compressed pixels across the IP network. PCoIP can be used through hardware zero clients or software VMware View clients. PCoIP can be used to extend non display elements of the PC across the network, such as USB and audio.
Introduced	-
Deprecated	-
Reference	http://www.teradici.com/
Global ID	3:4172
ID	1427
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

PDAP

Name/CLI Keyword	pdap
Full Name	Prospero Data Access Protocol
Description	Prospero Data Access Protocol (PDAP) is used to implement the Prospero File System, which is based on the Virtual System Model.
Introduced	-
Deprecated	-
Reference	http://ntrs.nasa.gov/archive/nasa/casi.ntrs.nasa.gov/19970004479_1997000649.pdf
Global ID	3:344
ID	441
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PEARSON

Name/CLI Keyword	pearson
Full Name	Pearson Education
Description	Pearson - Education content provider.
Introduced	16.0.0
Deprecated	-
Reference	http://www.pearsonschool.com

Global ID	13:821
ID	1739
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

PEOPLE-WEB

Name/CLI Keyword	people-web
Full Name	People.com
Description	People.com - Web portal for the Weekly magazine People.
Introduced	14.0.0
Deprecated	-
Reference	http://people.com
Global ID	13:743
ID	1673
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

PERFECT-DARK

Name/CLI Keyword	perfect-dark
Full Name	Perfect Dark
Description	Perfect-Dark is a P2P application being developed in Japan by an anonymous author. It was developed with the intention for it to be the successor to both Winny and Share. The network function has a huge distributed disk called 'Unity' and the minimum requirement is 40GB disk space
Introduced	-
Deprecated	-
Reference	http://perfectdark.benri-tool.net
Global ID	13:578
ID	1517
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

PERFORCE

Name/CLI Keyword	perforce
Full Name	Perforce
Description	Perforce is a commercial proprietary Revision Control (RC) system. The Perforce system is based on a client/server model with the server managing the collection of source versions in one or more depots.
Introduced	-
Deprecated	-
Reference	http://www.perforce.com/documentation/perforce_technical_documentation
Global ID	13:486
ID	1415
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

PERSONAL-LINK

Name/CLI Keyword	personal-link
Full Name	Personal Link
Description	Registered with IANA on port 281 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:281
ID	1142
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PFTP

Name/CLI Keyword	pftp
Full Name	PFTP
Description	Port File Transfer Program (PFTP) is a file transfer protocol that transfers files, directories and data from standard input to any host on the net running PFTP.
Introduced	-
Deprecated	-
Reference	http://www.pftp.de/
Global ID	3:662
ID	570
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PGM

Name/CLI Keyword	pgm
Full Name	PGM Reliable Transport Protocol
Description	Pragmatic General Multicast (PGM) is a reliable multicast transport protocol. PGM provides a reliable sequence of packets to multiple recipients simultaneously, making it suitable for applications like multi-receiver file-transfer.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc3208.txt
Global ID	1:113
ID	867
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

PHILIPS-VC

Name/CLI Keyword	philips-vc
Full Name	Philips Video-Conferencing
Description	Used by Philips Electronics in their video conferencing products.
Introduced	-
Deprecated	-
Reference	http://www.philips.com
Global ID	3:583
ID	497
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

PHONEBOOK

Name/CLI Keyword	phonebook
Full Name	Phonebook
Description	Registered with IANA on port 767 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml

Global ID	3:767
ID	638
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PHOTURIS

Name/CLI Keyword	photuris
Full Name	Photuris
Description	Photuris is a session-key management protocol intended for use with the IP Security Protocols (AH and ESP). Photuris establishes short-lived session-keys between two parties, without passing the session-keys across the Internet.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc2522
Global ID	3:468
ID	382
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin

Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

PICASA

Name/CLI Keyword	picasa
Full Name	Picasa
Description	Picasa is a photo sharing and editing website by Google.
Introduced	-
Deprecated	65.0.0
Reference	https://picasaweb.google.com/home
Global ID	13:523
ID	1459
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	consumer-web-browsing
P2P Technology	True
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

PIM

Name/CLI Keyword	pim

Full Name	PIM
Description	Protocol-Independent Multicast (PIM) is a family of multicast routing protocols for Internet Protocol (IP) networks that provide one-to-many and many-to-many distribution of data over a LAN, WAN or the Internet. It is termed protocol-independent because PIM does not include its own topology discovery mechanism, but instead uses routing information supplied by other traditional routing protocols.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc4601.txt
Global ID	1:103
ID	857
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	network-control
Tunnel	unassigned

PIM-RP-DISC

Name/CLI Keyword	pim-rp-disc
Full Name	PIM-RP-DISC
Description	Registered with IANA on port 496 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml

Global ID	3:496
ID	410
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

PING

Name/CLI Keyword	ping
Full Name	Ping
Description	Ping is a computer network administration utility used to test the reachability of a host on a network and to measure the round-trip time for messages sent from the host to the destination. Ping operates by sending ICMP echo request packets to the target host and waiting for an ICMP response. In the process it measures the round-trip time and records any packet loss. It prints a statistical summary when finished. Note that Ping will not classify any ICMP packet, only those used for echo.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc792
Global ID	13:479
ID	1404
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

PINTEREST

Name/CLI Keyword	pinterest
Full Name	Pinterest
Description	Pinterest - Social photo sharing website.
Introduced	14.0.0
Deprecated	-
Reference	http://pinterest.com
Global ID	13:752
ID	1682
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

PIP

Name/CLI Keyword	pip
Full Name	Pip
Description	Registered with IANA on port 1321 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:1321
ID	883
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PIPE

Name/CLI Keyword	pipe
Full Name	Private IP Encapsulation within IP
Description	Private IP Encapsulation within IP (PIPE) is a protocol enabling the encapsulation of an IP packet within another IP packet. This method is is used to change the routing of an IP packet by sending it through an intermediate destination that would not have been reached with the original packet's IP destination address.
Introduced	-

Deprecated	-
Reference	http://tools.ietf.org/html/draft-petri-mobileip-pipe-00
Global ID	1:131
ID	1229
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PIRP

Name/CLI Keyword	pirp
Full Name	PIRP
Description	The Public Information Retrieval Protocol (PIRP) gives Internet hosts a simple, uniform, efficient, extensible, easily implemented method of publishing information.
Introduced	-
Deprecated	-
Reference	http://cr.yp.to/proto/pirp.txt
Global ID	3:553
ID	470
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PKIX-3-CA-RA

Name/CLI Keyword	pkix-3-ca-ra
Full Name	PKIX-3 CA/RA
Description	Registered with IANA on port 829 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:829
ID	657
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

PKIX-TIMESTAMP

Name/CLI Keyword	pkix-timestamp
Full Name	TSM
Description	The Time-Stamp Protocol (TSP, PKIX-TimeStamp) is a cryptographic protocol for certifying timestamps using X.509 certificates and public key infrastructure. The timestamp is the signer's assertion that a piece of electronic data existed at or before a particular time.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc3161
Global ID	3:318
ID	1158
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

PLAYSTATION-STORE

Name/CLI Keyword	playstation-store
Full Name	PlayStation Store
Description	Playstation Store - Sony Playstation online marketplace.
Introduced	14.0.0

Deprecated	-
Reference	http://sonyentertainmentnetwork.com
Global ID	13:618
ID	1192
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

PLAYSTATION-WEB-PORTAL

Name/CLI Keyword	playstation-web-portal
Full Name	Playstation.com
Description	Playstation.com - Sony Playstation related e-commerce.
Introduced	14.0.0
Deprecated	-
Reference	http://playstation.com
Global ID	13:772
ID	1702
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant

Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

PNNI

Name/CLI Keyword	pnni
Full Name	PNNI over IP
Description	Private Network-to-Network Interface (PNNI) is a suite of network protocols that can be used to discover an ATM network topology, create a database of topology information, and route calls over the discovered topology.
Introduced	-
Deprecated	-
Reference	http://www.cisco.com/en/US/docs/switches/wan/mgx/mgx_8850/software/mgx_r5.2/data/pnni/network/planning/guide/pintro.html
Global ID	1:102
ID	856
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	network-control
Tunnel	unassigned

POCKET

Name/CLI Keyword	pocket
Full Name	Pocket
Description	Pocket - App to save web pages.
Introduced	14.0.0
Deprecated	-
Reference	http://getpocket.com
Global ID	13:803
ID	1731
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

POCO

Name/CLI Keyword	poco
Full Name	Poco
Description	Poco is a peer-to peer client popular in China. The protocol is based on GnucDNA library and uses Gnutella network architecture. Typically, Poco uses TCP port 5354 to download files, UDP ports 9099 9091 to login and chat respectively.
Introduced	-
Deprecated	-

Reference	http://www.poco.cn/
Global ID	13:424
ID	700
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

POP2

Name/CLI Keyword	pop2
Full Name	POP2
Description	Post Office Protocol Version 2 (POP2) enables a user's workstation to access mail from a mailbox server.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc937
Global ID	3:109
ID	980
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	email

Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

POP3

Name/CLI Keyword	pop3
Full Name	POP3
Description	Post Office Protocol 3 is an application-layer Internet standard protocol used by local e-mail clients to retrieve e-mail from a remote server over a TCP/IP connection. POP3 usually uses TCP port 995.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc1939.txt
Global ID	3:110
ID	33
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	pop3-group
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

POSTGRESQL

Name/CLI Keyword	postgresql
Full Name	PostgresSQL
Description	PostgreSQL is an object-relational database management system (ORDBMS) available for many platforms including Linux, FreeBSD, Solaris, Microsoft Windows and Mac OS X. It is a free and open source software.
Introduced	-
Deprecated	-
Reference	http://www.postgresql.org/
Global ID	3:5432
ID	1361
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

POV-RAY

Name/CLI Keyword	pov-ray
Full Name	POV-Ray
Description	Persistence of Vision Raytracer (POV-Ray) is a ray tracing program available for a variety of computer platforms. It was originally based on DKBTrace. There are also influences from the earlier Polyray raytracer. POV-Ray is freeware with the source code available.

Introduced	-
Deprecated	-
Reference	http://www.povray.org/
Global ID	3:494
ID	408
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

POWERBURST

Name/CLI Keyword	powerburst
Full Name	Air Soft Power Burst
Description	Registered with IANA on port 485 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:485
ID	399
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PPSTREAM

Name/CLI Keyword	ppstream
Full Name	PPStream
Description	PPStream is a Chinese peer-to-peer (P2P) streaming video network software that broadcasts TV programs to broadband users. Compared to traditional stream media, PPStream adopts P2P streaming technology and supports full-scale visits with tens of thousands of users online.
Introduced	-
Deprecated	-
Reference	http://www.pps.tv/en/
Global ID	13:423
ID	698
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	True
Encrypted	False
Traffic-class	multimedia-streaming

Tunnel	False

PPTP

Name/CLI Keyword	pptp
Full Name	PPTP
Description	Point-to-Point Tunneling Protocol (PPTP) uses a control channel over TCP and a GRE (Generic Routing Encapsulation) tunnel operating to encapsulate PPP packets.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc2637.txt
Global ID	3:1723
ID	35
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	True

PPTV

Name/CLI Keyword	pptv
Full Name	PPTV

Description	PPTV (also known as PPLive) developed by PPLive, is a leading online TV service offering both live streaming and video-on-demand of TV programs/shows, movies, drama, sports, news and entertainment video contents. The service is accessible either from its website or from client software installation. It is now available for a variety of systems, including windows PC, Mac, Android mobile phones, and iPads etc.
Introduced	-
Deprecated	-
Reference	http://www.pptv.com
Global ID	13:542
ID	673
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	True
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

PREZI

Name/CLI Keyword	prezi
Full Name	Prezi
Description	Prezi - Presentation tool.
Introduced	14.0.0
Deprecated	-
Reference	http://prezi.com
Global ID	13:536

ID	263
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

PRICELINE-COM

Name/CLI Keyword	priceline-com
Full Name	Priceline.com
Description	Priceline.com - Travel services company focused on offering discount rates.
Introduced	14.0.0
Deprecated	-
Reference	http://priceline.com
Global ID	13:736
ID	1666
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False

Encrypted	False
Traffic-class	transactional-data
Tunnel	False

PRINT-SRV

Name/CLI Keyword	print-srv
Full Name	Adobe PostScript
Description	Adobe PostScript is the worldwide printing and imaging standard. Used by print service providers, publishers, corporations, and government agencies around the globe
Introduced	-
Deprecated	-
Reference	http://www.adobe.com/products/postscript/
Global ID	3:170
ID	1015
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PRINTER

Name/CLI Keyword	printer

Full Name	Line Printer Daemon Protocol
Description	Line Printer Daemon protocol (LPD) or Line Printer Remote protocol (LPR) is a network protocol for submitting print jobs to a remote printer.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc1179.txt
Global ID	3:515
ID	46
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PRM

Name/CLI Keyword	prm
Full Name	Packet Radio Measurement
Description	Registered with IANA as IP Protocol 21
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:21
ID	775
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

PRM-NM

Name/CLI Keyword	prm-nm
Full Name	Prospero Resource Manager Node Man.
Description	The Prospero Resource Manager (PRM) is a scalable resource allocation system that supports the allocation of processing resources in large networks and on multiprocessor systems.
Introduced	-
Deprecated	-
Reference	http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.54.6776
Global ID	3:409
ID	324
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	prm-group
Business Relevance	business-relevant
Category	industrial-protocols
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False

Traffic-class	signaling
Tunnel	False

PRM-SM

Name/CLI Keyword	prm-sm
Full Name	Prospero Resource Manager Sys. Man
Description	The Prospero Resource Manager (PRM) presents a uniform and scalable model for scheduling tasks in parallel and distributed systems. PRM provides the mechanisms through which nodes on multiprocessors can be allocated to jobs running within an extremely large distributed system. The system manager is one (out of three) type of managers that manages the full set of resources that exist in a system.
Introduced	-
Deprecated	-
Reference	http://gost.isi.edu/products/prm/papers/prm-hpdc93.ps
Global ID	3:408
ID	323
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	prm-group
Business Relevance	business-relevant
Category	industrial-protocols
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

PROFILE

Name/CLI Keyword	profile

Full Name	Profile Naming System
Description	Registered with IANA on port 136 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:136
ID	923
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PROSPERO

Name/CLI Keyword	prospero
Full Name	Prospero Directory Service
Description	The Prospero System is a collection of protocols and embedded software providing distributed directory services, file access services, naming etc.
Introduced	-
Deprecated	-
Reference	http://www.prospero.org/
Global ID	3:191
ID	1035

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PROTONVPN

Name/CLI Keyword	protonvpn
Full Name	Proton VPN
Description	ProtonVPN is a VPN service operated by Proton Technologies AG.
Introduced	-
Deprecated	-
Reference	protonvpn.com
Global ID	13:1277
ID	1277
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	anonymizers
Sub Category	tunneling-protocols
P2P Technology	True
Encrypted	True

Traffic-class	bulk-data
Tunnel	True

PROXY-SERVER

Name/CLI Keyword	proxy-server
Full Name	Proxy Server
Description	Proxy server is a server that acts as an intermediary for requests from clients seeking resources from other servers.
Introduced	-
Deprecated	-
Reference	https://en.wikipedia.org/wiki/Proxy_server
Global ID	13:1080
ID	1080
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PSRSERVER

Name/CLI Keyword	psrserver
Full Name	Pharos psrserver
Description	Registered with IANA on port 2351 TCP/UDP

Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:2351
ID	1360
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PTCNAMESERVICE

Name/CLI Keyword	ptcnameservice
Full Name	PTC Name Service
Description	PTC Name Service is a protocol used by Parametric Technology Corporation (PTC) in their products.
Introduced	-
Deprecated	-
Reference	http://www.ptc.com
Global ID	3:597
ID	511
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PTP

Name/CLI Keyword	ptp
Full Name	PTP
Description	Performance Transparency Protocol (PTP) is a means to efficiently retrieve performance related information from a path of routers between the sender and the receiver. For example, a single PTP packet could be used to determine the bottleneck bandwidth along such a path.
Introduced	-
Deprecated	-
Reference	http://heim.ifi.uio.no/michawe/research/projects/ptp/
Global ID	1:123
ID	877
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned

Traffic-class	bulk-data
Tunnel	unassigned

PTP-EVENT

Name/CLI Keyword	ptp-event
Full Name	PTP Event
Description	The Precision Time Protocol (PTP) is a protocol used to synchronize clocks throughout a computer network. On a local area network it achieves clock accuracy in the sub-microsecond range, making it suitable for measurement and control systems.
Introduced	-
Deprecated	-
Reference	http://www.nist.gov/el/isd/ieee/ieee1588.cfm
Global ID	13:319
ID	1159
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

PTP-GENERAL

Name/CLI Keyword	ptp-general
Full Name	PTP General

Description	The Precision Time Protocol (PTP) is a protocol used to synchronize clocks throughout a computer network. On a local area network it achieves clock accuracy in the sub-microsecond range, making it suitable for measurement and control systems.
Introduced	-
Deprecated	-
Reference	http://www.nist.gov/el/isd/ieee/ieee1588.cfm
Global ID	13:320
ID	884
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PUMP

Name/CLI Keyword	pump
Full Name	Pump
Description	Registered with IANA on port 751 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:751
ID	626

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

PUP

Name/CLI Keyword	pup
Full Name	PUP
Description	The PARC Universal Packet was one of the two earliest internetwork protocol suites; it was created by researchers at Xerox PARC in the mid-1970s. The entire suite provided routing and packet delivery, as well as higher level functions such as a reliable byte stream, along with numerous applications.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/PARC_Universal_Packet
Global ID	1:12
ID	767
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

PURENOISE

Name/CLI Keyword	purenoise
Full Name	PureNoise
Description	Registered with IANA on port 663 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:663
ID	571
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	True
Traffic-class	ops-admin-mgmt
Tunnel	False

PVP

Name/CLI Keyword	pvp

Full Name	PVP
Description	The Packet Video Protocol (PVP) is a set of extensions to the Network Voice Protocol (NVP-II) and consists mostly of a data protocol for transmission of video data. No specific changes to the NVP-II protocol are necessary for the PVP.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1453
Global ID	1:75
ID	829
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

PWDGEN

Name/CLI Keyword	pwdgen
Full Name	Password Generator Protocol
Description	The PWDGEN Service provides a set of six randomly generated eight-character CRLF-delimited "words" with a reasonable level of pronounceability, using a multi-level algorithm. An implementation of the algorithm is available in FORTRAN-77 for examination and possible implementation by system administrators only.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc0972.txt

Global ID	3:129
ID	998
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CHAPTER 21

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QBIKGDP

Name/CLI Keyword	qbikgdp
Full Name	Qbik GDP
Description	Generic Discovery Protocol (GDP) is a protocol developed for finding or discovering Internet connectivity servers (such as WinGate). It is used by both the WinGate Internet Client (WGIC) and GateKeeper for finding WinGate. It is designed to be fully automatic, requiring no user intervention.
Introduced	-
Deprecated	-
Reference	http://www.redline-software.com/eng/support/docs/wingate/GenericDiscoveryProtocol.php
Global ID	3:368
ID	284

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

QFT

Name/CLI Keyword	qft
Full Name	Queued File Transport
Description	Registered with IANA on port 189 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:189
ID	1033
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False

Traffic-class	bulk-data
Tunnel	False

QMQP

Name/CLI Keyword	qmqp
Full Name	Quick Mail Queuing Protocol
Description	Quick Mail Queuing Protocol (QMQP) is a network protocol designed to share e-mail queues between several hosts. It is designed and implemented in qmail.
Introduced	-
Deprecated	-
Reference	http://cr.yp.to/proto/qmqp.html
Global ID	3:628
ID	537
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

QMTP

Name/CLI Keyword	qmtp
Full Name	QMTP

Description	The Quick Mail Transfer Protocol (QMTP) is an e-mail transmission protocol that is designed to have better performance than Simple Mail Transfer Protocol (SMTP), the de facto standard. It was designed and implemented in qmail.
Introduced	-
Deprecated	-
Reference	http://cr.yp.to/proto/qmtp.txt
Global ID	3:209
ID	1107
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

QNX

Name/CLI Keyword	qnx
Full Name	QNX
Description	QNX IP protocol. QNX is a commercial Unix-like real-time operating system, aimed primarily at the embedded systems market.
Introduced	-
Deprecated	-
Reference	http://www.qnx.com/
Global ID	1:106
ID	860

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

QOTD

Name/CLI Keyword	qotd
Full Name	QOTD
Description	The Quote Of The Day (QOTD) service is a useful debugging and measurement tool. A quote of the day service simply sends a short message without regard to the input.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc865.txt
Global ID	3:17
ID	906
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False

Encrypted	False
Traffic-class	bulk-data
Tunnel	False

QQ-ACCOUNTS

Name/CLI Keyword	qq-accounts
Full Name	QQ Accounts
Description	QQ-Accounts protocol is a general account login and common service. This protocol classifies login traffic over HTTP, and it's used by all QQ applications that require a login to the QQ accounts, such as QQLive.
Introduced	-
Deprecated	-
Reference	http://id.qq.com/
Global ID	13:554
ID	1489
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	qq-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

QQ-GAMES

Name/CLI Keyword	qq-games

Full Name	QQ Games
Description	QQ Games is a platform developed by Tencent America LLC which lets users play hundreds of casual multiplayer games with other people through the web. A Chinese version is available as well as an English version.
Introduced	-
Deprecated	-
Reference	http://qqgame.qq.com/
Global ID	13:570
ID	1509
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	qq-group
Business Relevance	business-irrelevant
Category	gaming
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

QQ-IM

Name/CLI Keyword	qq-im
Full Name	QQ Instant Messenger
Description	QQ instant messenger is the most popular IM software service in China. QQ IM was developed by Tencent Holding LTD. and has clients for Windows, Mac, Android and iPhone. A Chinese version is available as well as an English version (QQ International).
Introduced	-
Deprecated	-
Reference	http://www.imqq.com/

Global ID	13:569
ID	1508
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	qq-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	True
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

QQ-SERVICES

Name/CLI Keyword	qq-services
Full Name	QQ services
Description	qq-services is a set of tools and APIs used by QQReader, QQwebsite, and other QQ applications.
Introduced	-
Deprecated	-
Reference	http://www.qq.com/
Global ID	13:601
ID	1540
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	qq-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

QQLIVE

Name/CLI Keyword	qqlive
Full Name	QQLive
Description	QQLive is a live streaming video freeware created by Tencent, which takes advantages of advanced P2P streaming media to ensure program keep fluency with many people viewing at the same time.
Introduced	-
Deprecated	-
Reference	http://live.qq.com/
Global ID	13:540
ID	1476
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	qq-group
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	True
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

QRH

Name/CLI Keyword	qrh
Full Name	QRH
Description	Registered with IANA on port 752 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:752
ID	627
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

QUIC

Name/CLI Keyword	quic
Full Name	QUIC
Description	QUIC (pronounced Quick) is a UDP based protocol developed by Google to accelerate web communications, saving round trip time and protocol overhead incurred by the traditional TCP connections. QUIC traffic is always encrypted.
Introduced	20.0.0

Deprecated	-
Reference	http://dev.chromium.org/quic
Global ID	13:778
ID	1752
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	browsing
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	True

QUOTAD

Name/CLI Keyword	quotad
Full Name	Quotad
Description	Registered with IANA on port 762 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:762
ID	634
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant

Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

CHAPTER 22

Protocols: R

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RADIUS

Name/CLI Keyword	radius
Full Name	RADIUS
Description	Remote Authentication Dial In User Service (RADIUS) is a networking protocol that provides centralized Authentication, Authorization and Accounting (AAA) management for computers to connect and use a network service. It is a UDP based protocol.
Introduced	-
Deprecated	-

Reference	http://tools.ietf.org/html/rfc2865
Global ID	3:1812
ID	738
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

RADMIN-PORT

Name/CLI Keyword	radmin-port
Full Name	Remote Admin
Description	Remote Admin (Radmin) is a remote access software solution designed for Windows, enabling a remote computer screen to be viewed on a local monitor. All mouse movements and keystrokes are transferred directly to the remote computer. Files can be transferred to and from the remote computer, and communication with the remote computer's user is possible by either Text Chat or Voice Chat.
Introduced	-
Deprecated	-
Reference	http://www.radmin.com
Global ID	3:4899
ID	1362
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

RAKUTEN

Name/CLI Keyword	rakuten
Full Name	Rakuten
Description	Rakuten - Japanese e-commerce site.
Introduced	14.0.0
Deprecated	-
Reference	http://rakuten.co.jp
Global ID	13:620
ID	1447
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

RAP

Name/CLI Keyword	rap
Full Name	Route Access Protocol
Description	Route Access Protocol (RAP) is a general protocol for distributing routing information at all levels of the Internet, from private LANs to the widest-flung international carrier networks. It does not distinguish between "interior" and "exterior" routing (except as restricted by specific policy), and therefore is not as restricted nor complex as those protocols that have strict level and area definitions in their models.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1476
Global ID	3:38
ID	919
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

RCP

Name/CLI Keyword	rcp
Full Name	RC Protocol
Description	Registered with IANA on port 469 TCP/UDP

Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:469
ID	93
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

RDA

Name/CLI Keyword	rda
Full Name	RDA
Description	Remote Database Access (RDA) is a protocol standard for database access. RDA describes the connection of a database client to a database server. It includes features for communicating database operations and parameters from the client to the server, transporting result data from the server to the client, and database transaction management.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Remote_Database_Access
Global ID	3:630
ID	539

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

RDB-DBS-DISP

Name/CLI Keyword	rdb-dbs-disp
Full Name	Oracle Remote Data Base
Description	Oracle Remote Data Base provides the user with a connection to a remote Oracle database.
Introduced	-
Deprecated	-
Reference	http://www.oracle.com
Global ID	3:1571
ID	694
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False

Traffic-class	transactional-data
Tunnel	False

RDP

Name/CLI Keyword	rdp
Full Name	Reliable Data Protocol(RDP)
Description	Reliable Datagram Protocol (also known as RDP or RUDP) is a transport layer protocol designed at Bell Labs for the Plan 9 operating system. RUDP implements features that are similar to TCP with less overhead.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc908.txt
Global ID	1:27
ID	781
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

RDT

Name/CLI Keyword	rdt
Full Name	Real Data Transport(RDT)

Description	Real Data Transport (RDT) is a proprietary transport protocol for the actual audio/video data. It is commonly used in companion with a control protocol for streaming media like the IETF's based Real Time Streaming Protocol (RTSP). RDT is now included as part of the Helix Community project.
Introduced	-
Deprecated	-
Reference	https://helixcommunity.org/viewcvs/server/protocol/transport/rdt/
Global ID	3:6970
ID	1363
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

RE-MAIL-CK

Name/CLI Keyword	re-mail-ck
Full Name	Remote Mail Checking Protocol
Description	Remote Mail Checking Protocol (RMCP) is a mail checking service that is used between a client and a server pair. Client queries server in order to find out whether new mail has arrived for a specified user. The protocol provides for both non-authenticated and authenticated polling.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1339
Global ID	3:50

ID	930
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

REALM-RUSD

Name/CLI Keyword	realm-rusd
Full Name	ApplianceWare Managment Protocol
Description	Registered with IANA on port 688 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:688
ID	596
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False

Encrypted	False
Traffic-class	bulk-data
Tunnel	False

REALMEDIA

Name/CLI Keyword	realmedia
Full Name	RealMedia Traffic
Description	RealMedia is a proprietary multimedia container format created by RealNetworks. Its extension is (.rm). It is typically used in conjunction with RealVideo and RealAudio and is used for streaming content over the Internet.
Introduced	-
Deprecated	-
Reference	http://uk.real.com/realplayer
Global ID	13:507
ID	1442
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

REALTOR-COM

Name/CLI Keyword	realtor-com

Full Name	Realtor.com
Description	Realtor.com - Web portal Real Estate.
Introduced	14.0.0
Deprecated	-
Reference	http://realtor.com
Global ID	13:732
ID	1662
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

REDIFF-COM

Name/CLI Keyword	rediff-com
Full Name	Rediff.com
Description	Rediff.com - Online news, information and web portal.
Introduced	14.0.0
Deprecated	-
Reference	http://rediff.com
Global ID	13:671
ID	1601
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

REMOTE-KIS

Name/CLI Keyword	remote-kis
Full Name	Remote-KIS
Description	Registered with IANA on port 185 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:185
ID	1028
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data

Tunnel	False

REMOTEFS

Name/CLI Keyword	remotefs
Full Name	RemoteFS
Description	RemoteFS is a network file system designed for use with home NAS. Simple to use, few dependencies, reasonable security, completely in user space.
Introduced	-
Deprecated	-
Reference	http://remotefs.sourceforge.net/
Global ID	3:556
ID	471
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

REPCMD

Name/CLI Keyword	repcmd
Full Name	Repcmd
Description	Repcmd is a protocol used by the SupportSoft remote support solution to enable support representatives to connect to a remote PC and provide assitance.

Introduced	-
Deprecated	-
Reference	http://www.consona.com/supportsoft/
Global ID	3:641
ID	550
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

REPSCMD

Name/CLI Keyword	repscmd
Full Name	RepsCmd
Description	Repscmd is a protocol used by the SupportSoft remote support solution to enable support representatives to connect to a remote PC and provide assistance
Introduced	-
Deprecated	-
Reference	http://www.consona.com/supportsoft/
Global ID	3:653
ID	562
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

RESCAP

Name/CLI Keyword	rescap
Full Name	RESCAP
Description	The rescap Resolution protocol is a general client-server resolution protocol that translates resource identifiers to a list of attributes. A rescap client can ask a rescap server for the attributes of a particular mail user. Rescap is very lightweight and acts only as a resolution protocol, not a directory service.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/draft-ietf-rescap-proto-main-01
Global ID	3:283
ID	1144
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt

Tunnel	False

RETAILMENOT

Name/CLI Keyword	retailmenot
Full Name	RetailMeNot
Description	RetailMeNot - Online coupon and deals.
Introduced	14.0.0
Deprecated	-
Reference	http://retailmenot.com
Global ID	13:707
ID	1637
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

REUTERS

Name/CLI Keyword	reuters
Full Name	Reuters
Description	Reuters - News portal.
Introduced	14.0.0
Deprecated	-

Reference	http://reuters.com
Global ID	13:691
ID	1621
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

RHAPSODY

Name/CLI Keyword	rhapsody
Full Name	Rhapsody
Description	Rhapsody is an online music store subscription service. The Rhapsody protocol is a client-server TCP software that enables the client to hear music online or download it to the client's device (e.g. PC, mobile, MP3 player). The application works on several platforms such as PC, BlackBerry and iPhone.
Introduced	-
Deprecated	-
Reference	http://www.rhapsody.com/about/index.html
Global ID	13:489
ID	1418
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-audio-streaming
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

RINGCENTRAL

Name/CLI Keyword	ringcentral
Full Name	RingCentral
Description	RingCentral is a publicly traded provider of cloud-based communications and collaboration solutions for businesses.
Introduced	35.0.0
Deprecated	-
Reference	www.ringcentral.com
Global ID	13:1188
ID	1188
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ringcentral-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

RINGCENTRAL-AUDIO

Name/CLI Keyword	ringcentral-audio
Full Name	RingCentral Audio
Description	Audio portion of RingCentral' video chat or voice call
Introduced	43.0.0
Deprecated	-
Reference	https://www.ringcentral.com/office/features/online-meetings/audio-conferencing.html
Global ID	13:1256
ID	1256
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ringcentral-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

RINGCENTRAL-CONTROL

Name/CLI Keyword	ringcentral-control
Full Name	RingCentral Control
Description	Control portion of RingCentral' video chat or voice call
Introduced	43.0.0
Deprecated	-
Reference	https://www.ringcentral.com

Global ID	13:1259
ID	1259
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ringcentral-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	True
Traffic-class	signaling
Tunnel	False

RINGCENTRAL-MEDIA

Name/CLI Keyword	ringcentral-media
Full Name	RingCentral Media
Description	Video, audio, combined video and audio or unrecognized media portion of Ringcentral' call
Introduced	43.0.0
Deprecated	-
Reference	www.ringcentral.com
Global ID	13:1257
ID	1257
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ringcentral-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration

P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

RINGCENTRAL-VIDEO

Name/CLI Keyword	ringcentral-video
Full Name	RingCentral Video
Description	Video portion of RingCentral' video chat
Introduced	43.0.0
Deprecated	-
Reference	https://www.ringcentral.com/online-meetings/overview.html
Global ID	13:1258
ID	1258
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ringcentral-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

RIP

Name/CLI Keyword	rip
Full Name	RIP

Description	Routing Information Protocol (RIP) is a routing protocol used in IP based networks, based on the Distance Vector routing algorithm. RIP is designed to be used in an Autonomous System (AS) as an Interior Gateway Protocol (IGP).
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc2453
Global ID	3:520
ID	36
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

RIPNG

Name/CLI Keyword	ripng
Full Name	RIPng
Description	RIPng is a Routing Information Protocol enhancement for IPV6 based networks. The routing protocol uses a distance-vector algorithm to determine best route to destination, and its purpose is to allow routers to exchange information for computing routes. The protocol is based on UDP and typically uses port 521.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc2080
Global ID	3:521

ID	439
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

RIS

Name/CLI Keyword	ris
Full Name	RIS
Description	Relational Interface System (RIS) is Intergraph Corporation's middleware for connecting client software and DBMS. It is used in geographic information systems Modular GIS Environment (MGE) and GeoMedia, the digital photogrammetric station ImageStation, security systems, CAD software (such as MicroStation) and mechanical-design software I/EMS (predecessor of Solid Edge). It was developed for UNIX (including CLIX) many years before Open Database Connectivity (ODBC) and in the last years for Apple Macintosh and Windows computers.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Relational_Interface_System
Global ID	3:180
ID	1023
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

RIS-CM

Name/CLI Keyword	ris-cm
Full Name	Russell Info Sci Calendar Manager
Description	Registered with IANA on port 748 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:748
ID	622
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

RJE

Name/CLI Keyword	rje
Full Name	RJE
Description	The remote job entry (RJE) is a Job Entry Subsystem (JES2) function that provides the ability to submit jobs and receive system output (SYSOUT) at remote facilities as if the jobs had been submitted at a local facility.
Introduced	-
Deprecated	-
Reference	http://publib.boulder.ibm.com/infocenter/zos/v1r11/index.jsp?topic=/com.ibm.zos.r11.hasa300/rjechp.htm
Global ID	3:5
ID	901
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

RLP

Name/CLI Keyword	rlp
Full Name	Resource Location Protocol
Description	Resource Location Protocol (RLP) is a simple request/reply procedure used for determining the location of network services or resources.
Introduced	-

Deprecated	-
Reference	http://www.ietf.org/rfc/rfc887.txt
Global ID	3:39
ID	920
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

RLZDBASE

Name/CLI Keyword	rlzdbase
Full Name	RLZ Dbase
Description	Registered with IANA on port 635 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:635
ID	544
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

RMC

Name/CLI Keyword	rmc
Full Name	RMC
Description	Rational Method Composer is a tool platform that enables process engineers and managers to implement, deploy, and maintain processes for organizations or individual projects.
Introduced	-
Deprecated	-
Reference	http://www-01.ibm.com/software/awdtools/rmc/
Global ID	3:657
ID	566
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

RMIACTIVATION

Name/CLI Keyword	rmiactivation
Full Name	RMI Activation
Description	The Java Remote Method Invocation Application Programming Interface (API), or Java RMI, is a Java API that performs the object-oriented equivalent of remote procedure calls (RPC). The Class RMI.Activation allows the programs to be written to register information about remote object implementations that should be created and execute "on demand", rather than running all the time.
Introduced	-
Deprecated	-
Reference	http://docs.oracle.com/javase/1.4.2/docs/guide/rmi/activation.html
Global ID	3:1098
ID	682
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

RMIREGISTRY

Name/CLI Keyword	rmiregistry
Full Name	RMI-Registry
Description	RMI registry is a command that creates and starts a remote object registry on the current host.

Introduced	-
Deprecated	-
Reference	http://docs.oracle.com/javase/1.4.2/docs/tooldocs/windows/rmiregistry.html
Global ID	3:1099
ID	683
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

RMONITOR

Name/CLI Keyword	rmonitor
Full Name	Rmonitor
Description	Rmonitor is a protocol used by remote network monitoring devices, often called monitors or probes, that exist for the purpose of managing a network. Often these remote probes are stand-alone devices and devote significant internal resources for the sole purpose of managing a network. An organization may employ many of these devices, one per network segment, to manage its internet.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc2819
Global ID	3:560
ID	475
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

RMT

Name/CLI Keyword	rmt
Full Name	RMTP
Description	Rmtis a program used by the remotedump, restore or tar programs in manipulating a magnetic tape drive through an interprocess communication connection.
Introduced	-
Deprecated	-
Reference	http://linux.die.net/man/8/rmt
Global ID	3:411
ID	326
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt

Tunnel	False

ROTTEN-TOMATOES

Name/CLI Keyword	rotten-tomatoes
Full Name	Rotten Tomatoes
Description	Rotten Tomatoes - Online information and reviews about new films.
Introduced	14.0.0
Deprecated	-
Reference	http://rottentomatoes.com
Global ID	13:726
ID	1656
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

RPC2PORTMAP

Name/CLI Keyword	rpc2portmap
Full Name	RPC2 Portmap
Description	Registered with IANA on port 369 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:369
ID	285
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

RRH

Name/CLI Keyword	rrh
Full Name	Reverse Routing Header
Description	Reverse Routing Header (RRH) is a variable size reverse route header used to learn a path back hop-by-hop. It is formed of addresses that are located on the egress interface of the packets.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/draft-thubert-6man-reverse-routing-header-00
Global ID	3:753
ID	628
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

RRP

Name/CLI Keyword	rrp
Full Name	RRP
Description	Registry Registrar Protocol (RRP) is a text protocol that permits multiple registrars to provide second level Internet domain name registration services in the top level domains (TLDs) administered by a TLD registry. The registry stores information about registered domain names and associated name servers.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc2832.txt
Global ID	3:648
ID	557
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt

Tunnel	False

RSH-SPX

Name/CLI Keyword	rsh-spx
Full Name	Berkeley rshd with SPX auth
Description	RSH-SPX is an implementation of RSH (Remote Shell) over an IPX/SPX network.
Introduced	-
Deprecated	-
Reference	http://rshd.sourceforge.net/
Global ID	3:222
ID	1119
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

RSVD

Name/CLI Keyword	rsvd
Full Name	RSVD
Description	Registered with IANA on port 168 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:168
ID	1013
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

RSVP

Name/CLI Keyword	rsvp
Full Name	RSVP
Description	Resource Reservation Protocol (RSVP) is a Transport Layer protocol designed to reserve resources across a network for an integrated services internet. RSVP operates over an IPv4 or IPv6 internet Layer and provides receiver-initiated setup of resource reservations for multicast or unicast data flows with scaling and robustness. It does not transport application data but is similar to a control protocol, like ICMP or IGMP.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc2205.txt
Global ID	1:46
ID	37
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

RSVP-E2E-IGNORE

Name/CLI Keyword	rsvp-e2e-ignore
Full Name	RSVP-E2E-IGNORE
Description	A Protocol used in Aggregation of RSVP for IPv4 and IPv6 Reservations.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc3175
Global ID	1:134
ID	1232
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

RSVP-ENCAP-1

Name/CLI Keyword	rsvp-encap-1
Full Name	RSVP
Description	Resource Reservation Protocol (RSVP) is a Transport Layer protocol designed to reserve resources across a network for an integrated services internet. RSVP operates over an IPv4 or IPv6 internet Layer and provides receiver-initiated setup of resource reservations for multicast or unicast data flows with scaling and robustness. It does not transport application data but is similar to a control protocol, like ICMP or IGMP.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc2205.txt
Global ID	3:1698
ID	1423
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

RSVP-ENCAP-2

Name/CLI Keyword	rsvp-encap-2
Full Name	RSVP

Description	Resource Reservation Protocol (RSVP) is a Transport Layer protocol designed to reserve resources across a network for an integrated services internet. RSVP operates over an IPv4 or IPv6 internet Layer and provides receiver-initiated setup of resource reservations for multicast or unicast data flows with scaling and robustness. It does not transport application data but is similar to a control protocol, like ICMP or IGMP.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc2205.txt
Global ID	3:1699
ID	1424
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

RSVP_TUNNEL

Name/CLI Keyword	rsvp_tunnel
Full Name	RSVP Tunnel
Description	The Resource Reservation Protocol (RSVP) is a Transport Layer protocol designed to reserve resources across a network for an integrated services Internet. It is one component of a framework designed to extend IP to support multiple, controlled classes of service over a wide variety of link-level technologies. To deploy this technology with maximum flexibility, it is desirable for tunnels to act as RSVP-controllable links within the network.
Introduced	-
Deprecated	-

Reference	http://tools.ietf.org/html/rfc2746
Global ID	3:363
ID	279
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	True

RSYNC

Name/CLI Keyword	rsync
Full Name	Rsync
Description	rsync is a software application and network protocol for Unix-like and Windows systems that synchronizes files and directories from one location to another while minimizing data transfer using delta encoding when appropriate.
Introduced	-
Deprecated	-
Reference	http://rsync.samba.org/
Global ID	3:873
ID	659
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant

Category	backup-and-storage
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

RTCP

Name/CLI Keyword	rtcp
Full Name	RTCP
Description	Real Time Transport Control Protocol (RTCP) is augmentation of Real-time Transport Protocol (RTP). RTCP allow monitoring of the data delivery to large multicast networks, provides control and identification functionality. Typically, RTCP uses UDP as its transport protocol.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc3550.txt
Global ID	13:66
ID	66
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

RTELNET

Name/CLI Keyword	rtelnet
Full Name	Remote Telnet Service
Description	Remote Telnet Service (Rtelnet) is a SOCKS client version of Telnet in Unix-like systems. The RTelnet utility provides a functionality similar to Telnet for hosts that are behind a firewall.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc818.txt
Global ID	3:107
ID	107
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

RTIP

Name/CLI Keyword	rtip
Full Name	RTIP
Description	Registered with IANA on port 771 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:771
ID	641
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

RTMP

Name/CLI Keyword	rtmp
Full Name	RTMP
Description	Real Time Messaging Protocol (RTMP) is used for streaming audio, video, and data between a server and a Flash Player. The protocol fragments the data and can be multiplexed (several channels) over a single TCP connection.
Introduced	-
Deprecated	-
Reference	http://www.adobe.com/devnet/rtmp.html
Global ID	13:418
ID	1067
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	flash-group

Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

RTMPE

Name/CLI Keyword	rtmpe
Full Name	RTMP Encrypted
Description	Real Time Messaging Protocol Encrypted (RTMPE) is a 128-bit encrypted RTMP protocol developed by Adobe systems for securing the stream data between flash client and server. Adobe developed RTMPE as a lighter weight alternative to SSL, to make it more practical for high-traffic sites to serve encrypted content.
Introduced	-
Deprecated	-
Reference	http://help.adobe.com/en_US/flashlite/dev/4/WSa2ec538c80d45833-4e519ada123e088b6aa-8000.html
Global ID	13:487
ID	1416
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	flash-group
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming

Tunnel	False

RTMPT

Name/CLI Keyword	rtmpt
Full Name	RTMP Tunneled
Description	Real Time Messaging Protocol Tunneled (RTMPT) is a variation of Real Time Messaging Protocol (RTMP), which can work behind firewalls on Port 80 and encapsulate the RTMP data in HTTP requests. The encapsulated session may carry plain RTMP, RTMPS (RTMP over secure SSL), or RTMPE (RTMP Encrypted) packets.
Introduced	-
Deprecated	-
Reference	http://wiki.wireshark.org/RTMPT
Global ID	13:491
ID	1420
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	flash-group
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	True

RTP

Name/CLI Keyword	rtp
Full Name	RTP

Description	Real-time Transport Protocol (RTP) is used for streaming video and audio in real time for various applications. RTP works in conjunction with some streaming control protocols like RTCP, SIP, H.225 or H.245.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc3550
Global ID	13:61
ID	61
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

RTP-AUDIO

Name/CLI Keyword	rtp-audio
Full Name	RTP Audio
Description	RTP Audio is the audio portion of Real-time Transport Protocol (RTP) which is used for streaming audio in real time for various applications. RTP works in conjunction with some streaming control protocols like RTCP, SIP, H.225 or H.245
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc3550
Global ID	13:566

ID	1503
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	False
Traffic-class	voip-telephony
Tunnel	False

RTP-VIDEO

Name/CLI Keyword	rtp-video
Full Name	RTP Video
Description	RTP Video is the video portion of Real-time Transport Protocol (RTP) which is used for streaming video in real time for various applications. RTP works in conjunction with some streaming control protocols like RTCP, SIP, H.225 or H.245.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc3550
Global ID	13:567
ID	1504
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video

Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

RTSP

Name/CLI Keyword	rtsp
Full Name	RTSP
Description	Real Time Streaming Protocol (RTSP) is a control protocol that is used to control media streaming in real time for various applications. RTSP is based on client server architecture and the common port associated is 554.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc2326.txt
Global ID	3:554
ID	60
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

RTSPS

Name/CLI Keyword	rtsps
Full Name	RTSPS
Description	Secure Real Time Streaming Protocol (RTSPS) is RTSP over TLS/SSL. It first establishes an encrypted connection and then works the same as RTSP. RTSP is a network control protocol designed for use in entertainment and communications systems to control streaming media servers. The protocol is used for establishing and controlling media sessions between end points.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc2326.txt
Global ID	3:322
ID	881
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	True
Traffic-class	signaling
Tunnel	False

RUSHD

Name/CLI Keyword	rushd
Full Name	RUSHD

Description	The Rush render queue allows users to manage jobs. A 'job' is usually just a range of frames that need to be rendered. The render queue consists of two executables: rush(1) is the command line oriented user front end tool and rushd(8) is the network daemon that runs on each host, one daemon per host.
Introduced	-
Deprecated	-
Reference	http://seriss.com/rush-current/rush/
Global ID	3:696
ID	604
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

RVD

Name/CLI Keyword	rvd
Full Name	MIT RVD
Description	Remote Virtual Disk protocol (RVD) is implemented as a device driver that allows one to read and write individual disk blocks on a remote machine as if they were on a local disk.
Introduced	-
Deprecated	-
Reference	http://groups.csail.mit.edu/ana/Publications/PubPDFs/The%20Desktop%20Computer%20as%20a%20Network%20Participant.pdf
Global ID	1:66

ID	820
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

RXE

Name/CLI Keyword	rxe
Full Name	Rxe
Description	Registered with IANA on port 761 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:761
ID	633
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False

Encrypted	False
Traffic-class	bulk-data
Tunnel	False

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S-NET

Name/CLI Keyword	s-net
Full Name	Sirius Systems
Description	Sirius Systems Software is a software for business needs. It provides business solutions for customers along with mobile devices support, connecting offices together, and creating new customer database. It also provides remote monitoring and email protection service.
Introduced	-
Deprecated	-
Reference	http://www.siriussystems.net/
Global ID	3:166
ID	1011
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SAFT

Name/CLI Keyword	saft
Full Name	SAFT

Description	Simple Asynchronous File Transfer (SAFT) is an internet protocol designed to do asynchronous file transfer: any user A can send a file to another user B without B doing any action. Is used by sendfile software.
Introduced	-
Deprecated	-
Reference	http://fex.rus.uni-stuttgart.de/saft/index.html
Global ID	3:487
ID	401
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SALESFORCE

Name/CLI Keyword	salesforce
Full Name	Salesforce CRM
Description	Salesforce.com is a CRM (Customer Relationship Management) web application that allows users to manage their relationships with customers, using a combination of people, processes, and technology.
Introduced	-
Deprecated	-
Reference	http://www.salesforce.com
Global ID	13:509
ID	1444

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	salesforce-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-services
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

SAMSUNG

Name/CLI Keyword	samsung
Full Name	Samsung
Description	Samsung - Electronics retail site.
Introduced	14.0.0
Deprecated	-
Reference	http://samsung.com
Global ID	13:689
ID	1619
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False

Traffic-class	transactional-data
Tunnel	False

SANITY

Name/CLI Keyword	sanity
Full Name	SANity
Description	SANity, Registered with IANA on port 643 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:643
ID	552
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SAP

Name/CLI Keyword	sap
Full Name	SAP

Description	SAP offers various software applications and solutions for businesses and business productivity. It provides solutions for IT management, data bases and business analysis. Typically, SAP uses 3200, 3300 and 3600 TCP ports as default
Introduced	-
Deprecated	-
Reference	http://www.sap.com
Global ID	13:84
ID	84
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sap-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SAT-EXPAK

Name/CLI Keyword	sat-expak
Full Name	SATNET and Backroom EXPAK
Description	Registered with IANA as IP Protocol 64
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:64
ID	818
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

SAT-MON

Name/CLI Keyword	sat-mon
Full Name	SATNET Monitoring
Description	SATNET Monitoring is a protocol used for the monitoring and control of multiple-access satellite networks. The protocol covers the monitoring of network performance, the modification of network parameters whenever necessary, the coordination of network usage, the collection of status reports and performance statistics from individual SATNET nodes, and more.
Introduced	-
Deprecated	-
Reference	http://adsabs.harvard.edu/abs/1979ntc.....3...45M
Global ID	1:69
ID	823
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned

Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

SCC-SECURITY

Name/CLI Keyword	scc-security
Full Name	SCC Security
Description	Registered with IANA on port 582 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:582
ID	496
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SCC-SP

Name/CLI Keyword	scc-sp
Full Name	Semaphore Communications Sec. Pro.

Description	Registered with IANA as IP Protocol 96
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:96
ID	850
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

SCCP-USER-ADAPTATION

Name/CLI Keyword	sccp-user-adaptation
Full Name	SCCP User Adaptation
Description	SCCP User Adaptation (SUA) provides an SCTP adaptation layer for the seamless backhaul or peering of Signalling Connection Control Part user messages and service interface across an IP network.
Introduced	34.0.0
Deprecated	-
Reference	https://www.ietf.org/rfc/rfc3868.txt
Global ID	13:1175
ID	1175
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	False

SCHEDULE-TRANSFER

Name/CLI Keyword	schedule-transfer
Full Name	STP
Description	Scheduled Transfer Protocol (STP) is a new ANSI specified connection-oriented data transfer protocol. In STP small control messages are used to allocate buffers on the remote host before any data transfer. This reduces the workload of the receiver considerably and makes hardware acceleration relatively simple to implement.
Introduced	-
Deprecated	-
Reference	http://www.kernel.org/doc/ols/2001/stlinux.pdf
Global ID	1:118
ID	872
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned

Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

SCO-DTMGR

Name/CLI Keyword	sco-dtmgr
Full Name	SCO Desktop Administration Server
Description	Registered with IANA on port 617 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:617
ID	526
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SCO-INETMGR

Name/CLI Keyword	sco-inetmgr
Full Name	ICM

Description	Registered with IANA on port 615 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:615
ID	524
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SCO-SYSMGR

Name/CLI Keyword	sco-sysmgr
Full Name	SCO System Administration Server
Description	Registered with IANA on port 616 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:616
ID	525
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SCO-WEBSRVRMG3

Name/CLI Keyword	sco-websrvrmg3
Full Name	SCO Web Server Manager 3
Description	Registered with IANA on port 598 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:598
ID	512
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	unassigned
Encrypted	False
Traffic-class	ops-admin-mgmt

Tunnel	False

SCO-WEBSRVRMGR

Name/CLI Keyword	sco-websrvrmgr
Full Name	SCO WebServer Manager
Description	Registered with IANA on port 620 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:620
ID	529
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SCOHELP

Name/CLI Keyword	scohelp
Full Name	SCOhelp
Description	Registered with IANA on port 457 TCP/UDP
Introduced	-

Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:457
ID	371
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SCOI2ODIALOG

Name/CLI Keyword	scoi2odialog
Full Name	Scoi2odialog
Description	Registered with IANA on port 360 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:360
ID	276
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SCPS

Name/CLI Keyword	scps
Full Name	SCPS
Description	Space Communications Protocol Specifications (SCPS) are a set of extensions to existing protocols and new protocols developed by the Consultative Committee for Space Data Systems (CCSDS) to improve performance of Internet protocols in space environments.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Space_Communications_Protocol_Specifications
Global ID	1:105
ID	859
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data

Tunnel	unassigned

SCRIBD

Name/CLI Keyword	scribd
Full Name	Scribd
Description	Scribd - Web based document posting and sharing service.
Introduced	14.0.0
Deprecated	-
Reference	http://scribd.com
Global ID	13:700
ID	1630
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SCTP

Name/CLI Keyword	sctp
Full Name	SCTP

Description	The Stream Control Transmission Protocol (SCTP) is a transport layer protocol, serving in a similar role to the popular protocols Transmission Control Protocol (TCP) and User Datagram Protocol (UDP). It provides some of the same service features of both: it is message-oriented like UDP and ensures reliable, in-sequence transport of messages with congestion control like TCP.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc3286.txt
Global ID	1:132
ID	1230
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SCX-PROXY

Name/CLI Keyword	scx-proxy
Full Name	SCX-Proxy
Description	Registered with IANA on port 470 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:470

ID	384
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SDNSKMP

Name/CLI Keyword	sdnskmp
Full Name	SDNS-KMP
Description	Secure Data Network System Key Management Protocol (SDNS-KMP) is a key management protocol for SDNS. SDNS implements computer to computer communications security for distributed applications. The key management section implements the exchange of credentials and the traffic encryption key attributes.
Introduced	-
Deprecated	-
Reference	http://articles-abstracts.com/article.php?id=67588&content=The_SDNS_KMP_provides_a_useful_example_of_the_choices_required_in_the_design_of_an_OSI_key
Global ID	3:558
ID	473
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant

Category	voice-and-video
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SDRP

Name/CLI Keyword	sdrp
Full Name	SDRP
Description	Source Demand Routing Protocol (SDRP) supports source-initiated selection of routes to complement the route selection provided by existing routing protocols for both inter-domain and intra-domain routes.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1940
Global ID	1:42
ID	796
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	network-control
Tunnel	unassigned

SECONDLIFE

Name/CLI Keyword	secondlife
Full Name	Second Life
Description	Second Life is an online virtual world developed by Linden Lab. There are a number of client programs or viewers that enable Second Life users to interact with each other through avatars.
Introduced	-
Deprecated	56.0.0
Reference	http://secondlife.com/
Global ID	13:328
ID	1041
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	gaming
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

SECURE-FTP

Name/CLI Keyword	secure-ftp
Full Name	FTP over TLS/SSL
Description	FTPS (Secure FTP) is an extension to the commonly used File Transfer Protocol (FTP) that adds support for the Transport Layer Security (TLS) and the Secure Sockets Layer (SSL) cryptographic protocols.
Introduced	-

Deprecated	-
Reference	http://en.wikipedia.org/wiki/FTPS
Global ID	3:990
ID	44
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ftp-group
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

SECURE-HTTP

Name/CLI Keyword	secure-http
Full Name	DEPRECATED, traffic will not match
Description	DEPRECATED: Secure Hypertext Transfer Protocol(S-HTTP) is a little-used alternative to the HTTPS URI scheme for encrypting web communications carried over HTTP.
Introduced	-
Deprecated	16.0.0
Reference	http://tools.ietf.org/html/rfc2660
Global ID	3:443
ID	16
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	browsing
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

SECURE-IMAP

Name/CLI Keyword	secure-imap
Full Name	IMAP over TLS/SSL
Description	Internet Message Access Protocol (IMAP)over TLS/SSL allows users to securely access their email servers and to receive and send emails. The protocol simulates local use when in fact it is a connection to a server.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc2595
Global ID	3:993
ID	18
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	imap-group
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

SECURE-IRC

Name/CLI Keyword	secure-irc
Full Name	Secure IRC
Description	Registered with IANA on port 994 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:994
ID	20
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	irc-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

SECURE-LDAP

Name/CLI Keyword	secure-ldap
Full Name	LDAPS
Description	The Lightweight Directory Access Protocol (LDAP) is used to read from and write to Active Directory. By default, LDAP traffic is transmitted unsecured. You can make LDAP traffic confidential and secure by using Secure Sockets Layer (SSL) / Transport Layer Security (TLS) technology. You can enable LDAP over SSL (LDAPS) by installing a properly formatted certificate from either a Microsoft certification authority (CA) or a non-Microsoft CA.

Introduced	-
Deprecated	-
Reference	http://support.microsoft.com/kb/321051
Global ID	3:636
ID	24
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ldap-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	True
Traffic-class	ops-admin-mgmt
Tunnel	False

SECURE-NNTP

Name/CLI Keyword	secure-nntp
Full Name	SNNTP
Description	Secure Network News Transfer Protocol (SNNTP) is Network News Transfer Protocol (NNTP) over Transport Layer Security (TLS). NNTP is an Internet transfer protocol used for reading and posting Usenet articles and transferring them between news servers.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc3977
Global ID	3:563
ID	29
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	nntp-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

SECURE-POP3

Name/CLI Keyword	secure-pop3
Full Name	POP3S
Description	Secure Post Office Protocol 3 is an application-layer Internet standard over TLS/SSL protocol used by local e-mail clients to securely retrieve e-mail from a remote server over a TCP/IP connection.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc2595
Global ID	3:995
ID	34
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	pop3-group
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	True

Traffic-class	bulk-data
Tunnel	False

SECURE-SMTP

Name/CLI Keyword	secure-smtp
Full Name	Secure Simple Mail Transfer Protocol
Description	Simple Mail Transfer Protocol (SMTP) is an Internet standard for electronic mail transmission across networks. Secure-smtp refers to a method for securing SMTP with transport layer security, typically works on TCP port 461.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/SMTPS
Global ID	13:568
ID	1507
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	smtp-group
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

SECURE-TELNET

Name/CLI Keyword	secure-telnet
Full Name	Telnet over TLS

Description	Secure Telnet is a cross-platform interactive text-based protocol used to connect remote clients over a the Transport Layer Security (TLS) protocol. Telnet participants can decide whether or not to attempt TLS negotiation, and how the two participants should process authentication credentials exchanged as a part of TLS startup.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/id/draft-ietf-tn3270e-telnet-tls-06.txt
Global ID	3:992
ID	43
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	True
Traffic-class	ops-admin-mgmt
Tunnel	False

SECURE-VMTP

Name/CLI Keyword	secure-vmtp
Full Name	SECURE-VMTP
Description	Versatile Message Transaction Protocol (VMTP) is a transport protocol specifically designed to support the transaction model of communication, as exemplified by remote procedure call (RPC). The full function of VMTP, including support for security, real-time, asynchronous message exchanges, streaming, multicast and idempotency, provides a rich selection to the VMTP user level.
Introduced	-
Deprecated	-

Reference	http://tools.ietf.org/html/rfc1045
Global ID	1:82
ID	836
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

SEMANTIX

Name/CLI Keyword	semantix
Full Name	Semantix
Description	Registered with IANA on port 361 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:361
ID	277
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	corba-group
Business Relevance	business-relevant
Category	inter-process-rpc

Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SEND

Name/CLI Keyword	send
Full Name	SEND
Description	The SEcure Neighbor Discovery (SEND) protocol is a security extension of the Neighbor Discovery Protocol (NDP) in IPv6. The Neighbor Discovery Protocol (NDP) is responsible in IPv6 for discovery of other network nodes on the local link, to determine the link layer addresses of other nodes, and to find available routers, and maintain reachability information about the paths to other active neighbor nodes.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc3971.txt
Global ID	3:169
ID	1014
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SERVER-IPX

Name/CLI Keyword	server-ipx
Full Name	IPX Protocol
Description	Internetwork Packet Exchange (IPX) is the OSI-model Network layer protocol in the IPX/SPX protocol stack. IPX and SPX are networking protocols used primarily on networks using the Novell NetWare operating systems.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1132
Global ID	3:213
ID	108
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SERVICENOW

Name/CLI Keyword	servicenow
Full Name	ServiceNow
Description	ServiceNow - Enterprise cloud computing services and IT service management.
Introduced	35.0.0
Deprecated	-

Reference	https://www.servicenow.com
Global ID	13:1181
ID	1181
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	servicenow-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SERVSTAT

Name/CLI Keyword	servstat
Full Name	Service Status Update
Description	Registered with IANA on port 633 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:633
ID	542
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other

Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SET

Name/CLI Keyword	set
Full Name	SET
Description	Secure Electronic Transaction (SET) was a standard protocol for securing credit card transactions over insecure networks, specifically, the Internet. SET was not itself a payment system, but rather a set of security protocols and formats that enable users to employ the existing credit card payment infrastructure on an open network in a secure fashion.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Secure_Electronic_Transaction
Global ID	3:257
ID	1129
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SFGATE

Name/CLI Keyword	sfgate
Full Name	SFGate
Description	SFGate - Bay area news portal.
Introduced	14.0.0
Deprecated	-
Reference	http://sfgate.com
Global ID	13:774
ID	1704
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SFLOW

Name/CLI Keyword	sflow
Full Name	sFlow Traffic Monitoring
Description	sFlow is a technology for monitoring network, wireless, and host devices.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/SFlow

Global ID	3:6343
ID	1364
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

SFS-CONFIG

Name/CLI Keyword	sfs-config
Full Name	Cray SFS config server
Description	SFS config server is part of the Shared File Systems (SFS) is a high performance, HIPPI-based common ?le system which is shared among CRI UNICOS systems only.
Introduced	-
Deprecated	-
Reference	https://cug.org/5-publications/proceedings_attendee_lists/1997CD/S96PROC/186_189.PDF
Global ID	3:452
ID	367
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SFS-SMP-NET

Name/CLI Keyword	sfs-smp-net
Full Name	Cray Network Semaphore Server
Description	Registered with IANA on port 451 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:451
ID	366
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SFTP

Name/CLI Keyword	sftp
Full Name	SFTP
Description	Simple File Transfer Protocol (SFTP), was proposed as an unsecured file transfer protocol with a level of complexity intermediate between TFTP and FTP. SFTP supports user access control, file transfers, directory listing, directory changing, file renaming and deleting.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc913.txt
Global ID	3:115
ID	985
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ftp-group
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SGCP

Name/CLI Keyword	sgcp
Full Name	SGCP
Description	sgcp, Registered with IANA on port 440 TCP/UDP
Introduced	-

Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:440
ID	355
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

SGMP

Name/CLI Keyword	sgmp
Full Name	SGMP
Description	Simple Gateway Monitoring Protocol (SGMP) allows commands to be issued to application protocol entities to set or retrieve values (integer or octet string types) for use in monitoring the gateways on which the application protocol entities reside. Messages are exchanged using UDP and utilize unreliable transport methods.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc1028.txt
Global ID	3:153
ID	1000
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SGMP-TRAPS

Name/CLI Keyword	sgmp-traps
Full Name	SGMP-Traps
Description	SGMP-TRAPS, Registered with IANA on port 160 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:160
ID	1006
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt

Tunnel	False

SHARE

Name/CLI Keyword	share
Full Name	Share
Description	Share is a closed-source P2P application being developed in Japan by an anonymous author. It was developed as the successor of Winny and focuses on higher security. Share uses encrypted caches, file names and IP addresses, and is based on node-organized architecture.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Share_%28P2P%29
Global ID	13:576
ID	1515
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SHARE-POINT

Name/CLI Keyword	share-point
Full Name	SharePoint

Description	Microsoft SharePoint is a web application platform (based on HTTP) developed by Microsoft. SharePoint is mainly used for web content management and document management systems, but it is actually a much broader platform of web technologies, and can be used for host web sites, access shared workspaces and documents, as well as specialized applications such as wikis and blogs, from within a browser.
Introduced	-
Deprecated	-
Reference	http://sharepoint.microsoft.com/en-us/product/Pages/default.aspx
Global ID	13:488
ID	1417
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

SHELL

Name/CLI Keyword	shell
Full Name	Shell
Description	SHELL is a UNIX protocol which allows user to connect to a shell and to execute commands remotely on another machine. It doesn't require a password if the hostname - username combination is listed in the .rhosts file of the remote user.
Introduced	-
Deprecated	-
Reference	http://www.bell-labs.com/history/unix/tutorial.html

Global ID	3:514
ID	430
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SHOCKWAVE

Name/CLI Keyword	shockwave
Full Name	Adobe Shockwave
Description	Adobe Shockwave (formerly Macromedia Shockwave) is a multimedia platform used to add animation and interactivity to web pages. It allows Adobe Director applications to be published on the Internet and viewed in a web browser on any computer which has the Shockwave plug-in installed.
Introduced	-
Deprecated	-
Reference	http://www.adobe.com/products/shockwaveplayer/
Global ID	3:1626
ID	707
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	browsing
Sub Category	enterprise-rich-media-content
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

SHOUTCAST

Name/CLI Keyword	shoutcast
Full Name	SHOUTcast Internet Radio
Description	SHOUTcast is cross-platform proprietary software for streaming media over the Internet. The software, developed by Nullsoft (purchased by AOL on June 1, 1999), allows digital audio content, primarily in MP3 or HE-AAC format, to be broadcast to and from media player software, enabling the creation of Internet radio stations. SHOUTcast Radio is a related website which provides a directory of SHOUTcast stations. This protocol supports the traffic of listening to a radio channel on the different platforms. The traffic of broadcasting a radio channel is not included.
Introduced	-
Deprecated	-
Reference	http://www.shoutcast.com/
Global ID	13:544
ID	1478
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-audio-streaming
P2P Technology	False
Encrypted	False

Traffic-class	multimedia-streaming
Tunnel	False

SHOWMYPC

Name/CLI Keyword	showmypc
Full Name	ShowMyPC
Description	Showmypc is a PC remote control software that enables users to access their target PCs remotely. It provides remote PC access solutions that can manage anywhere from one to 50 PCs.
Introduced	-
Deprecated	-
Reference	http://www.showmypc.com
Global ID	13:534
ID	1468
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	desktop-virtualization
P2P Technology	True
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

SHRINKWRAP

Name/CLI Keyword	shrinkwrap
Full Name	Shrinkwrap

Description	Registered with IANA on port 358 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:358
ID	274
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SHUTTERSTOCK

Name/CLI Keyword	shutterstock
Full Name	Shutterstock
Description	Shutterstock - Online collection of Stock photographs and illustrations.
Introduced	14.0.0
Deprecated	-
Reference	http://shutterstock.com
Global ID	13:663
ID	1592
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SIAM

Name/CLI Keyword	siam
Full Name	SIAM
Description	Registered with IANA on port 498 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:498
ID	412
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SIEBEL-CRM

Name/CLI Keyword	siebel-crm
Full Name	Siebel CRM
Description	Oracle Social CRM was combines traditional enterprise CRM capabilities with social networking and Web 2.0 technologies. The applications are designed to reflect the way sales people work by helping them identify qualified leads, develop sales campaigns and collaborate with colleagues.
Introduced	34.0.0
Deprecated	-
Reference	http://www.oracle.com/us/products/applications/crmondemand/index.html
Global ID	13:1174
ID	1174
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-services
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

SIFT-UFT

Name/CLI Keyword	sift-uft
Full Name	SIFT

Description	Sender-Initiated File Transfer (SIFT) protocol, also commonly called Unsolicited File Transfer (UFT) protocol is a file transfer protocol. It's method contrasts with other file transfer methods in that the sender need not have an account or any registration on the target host system, and the receiving user may have less steps to take to retrieve the file(s) sent. Unlike traditional file transfer, UFT lends itself handily to background or deferred operation, though it may be carried out immediately, even interactively.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1440
Global ID	3:608
ID	517
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SILC

Name/CLI Keyword	silc
Full Name	SILC
Description	Secure Internet Live Conferencing (SILC) is a protocol that provides secure synchronous conferencing services (very much like IRC) over the Internet.
Introduced	-
Deprecated	-
Reference	http://www.silcnet.org/

Global ID	3:706
ID	610
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

SIP

Name/CLI Keyword	sip
Full Name	SIP
Description	Session Initiation Protocol is a text-based control protocol used for VoIP communications, Instant Messaging, presence information, file transfer and online games. It can be used for creating, modifying and terminating VoIP sessions through signaling.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc3261.txt
Global ID	3:5060
ID	65
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant

Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

SIP-TLS

Name/CLI Keyword	sip-tls
Full Name	SIP-TLS
Description	Session Initiation Protocol- Transport Later Security (SIP-TLS) is an encrypted SIP traffic tunneled in SSL. This scheme of SIP is sometimes known as SIPS. SIPS uses port number of 5061 for communication.
Introduced	-
Deprecated	-
Reference	http://www.privatewave.com/pages/viewpage.action?pageId=5406766
Global ID	3:5061
ID	1428
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	True
Traffic-class	signaling
Tunnel	False

SIPVICIOUS

Name/CLI Keyword	sipvicious
Full Name	SIPVicious
Description	SIPVicious is an open-source software (OSS) set of security tools used for auditing SIP-based VoIP systems. It is used by developers, security testers, and quality assurance testers. This protocol is tested on SIPVicious version v0.3.4
Introduced	69.0.0
Deprecated	-
Reference	https://docs.sipvicious.pro
Global ID	13:1373
ID	1373
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	voip-telephony
Tunnel	False

SIRI

Name/CLI Keyword	siri
Full Name	Siri
Description	Siri is a personal voice assistant. It uses a natural language user interface to answer questions, make recommendations, and perform actions by delegating requests to a set of web services.
Introduced	31.0.0

Deprecated	-
Reference	https://www.apple.com/siri/,%20https://www.theiphonewiki.com/wiki/Siri_Protocol
Global ID	13:1096
ID	1096
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	apple-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

SITARADIR

Name/CLI Keyword	sitaradir
Full Name	Sitara Dir
Description	The Sitara Network Protocol (SNP) addresses performance problems over the Internet, intranets, and extranet, providing a higher quality of service to traffic between the end points of a Sitara-enhanced connection.
Introduced	-
Deprecated	-
Reference	http://www.dejean.com/mc/sitara/tech_snp-paper.html
Global ID	3:2631
ID	710
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SITARAMGMT

Name/CLI Keyword	sitaramgmt
Full Name	Sitara Management
Description	The Sitara Network Protocol (SNP) addresses performance problems over the Internet, intranets, and extranet, providing a higher quality of service to traffic between the end points of a Sitara-enhanced connection.
Introduced	-
Deprecated	-
Reference	http://www.dejean.com/mc/sitara/tech_snp-paper.html
Global ID	3:2630
ID	709
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data

Tunnel	False

SITARASERVER

Name/CLI Keyword	sitaraserver
Full Name	Sitara Server
Description	The Sitara Network Protocol (SNP) addresses performance problems over the Internet, intranets, and extranet, providing a higher quality of service to traffic between the end points of a Sitara-enhanced connection.
Introduced	-
Deprecated	-
Reference	http://www.dejean.com/mc/sitara/tech_snp-paper.html
Global ID	3:2629
ID	708
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SIXTOFOUR-IPV6-TUNNELED

Name/CLI Keyword	sixtofour-ipv6-tunneled
Full Name	6to4 Tunneled

Description	6to4 is an Internet transition mechanism for migrating from IPv4 to IPv6, a system that allows IPv6 packets to be transmitted over an IPv4 network (generally the IPv4 Internet) without the need to configure explicit tunnels. Special relay servers are also in place that allow 6to4 networks to communicate with native IPv6 networks.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc3056
Global ID	13:330
ID	1223
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	True

SKINNY

Name/CLI Keyword	skinny
Full Name	Skinny Call Control Protocol
Description	Skinny Client Control Protocol (SCCP) is a network control protocol over Cisco's Ethernet telephones. SCCP, also known as Skinny, uses TCP/IP connections for calls and RTP for audio transfer between Skinny clients or H.323 terminals.
Introduced	-
Deprecated	-
Reference	http://www.cisco.com/en/US/tech/tk652/tk701/tk589/tsd_technology_support_sub-protocol_home.html

Global ID	13:63
ID	63
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

SKIP

Name/CLI Keyword	skip
Full Name	Simple Key-Management for Internet Protocol
Description	Simple Key-Management for Internet Protocol (SKIP) is a protocol developed for the sharing of encryption keys. SKIP was evaluated as a key exchange mechanism for IPsec before the adoption of IKE in 1998.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Simple_Key-Management_for_Internet_Protocol
Global ID	1:57
ID	811
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other

Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

SKRONK

Name/CLI Keyword	skronk
Full Name	Skronk
Description	Registered with IANA on port 460 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:460
ID	374
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SKY-NEWS

Name/CLI Keyword	sky-news
Full Name	Sky.com
Description	Sky.com - Web portal for news.
Introduced	14.0.0
Deprecated	-
Reference	http://sky.com
Global ID	13:786
ID	1714
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SKYDRIVE

Name/CLI Keyword	skydrive
Full Name	Microsoft SkyDrive
Description	Microsoft SkyDrive is a file hosting service that allows users to upload and sync files to a cloud storage and then access them from a web browser or a mobile application
Introduced	-
Deprecated	66.0.0

Reference	http://windows.microsoft.com/en-us/skydrive/download
Global ID	13:562
ID	1499
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	consumer-cloud-storage
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

SKYPE

Name/CLI Keyword	skype
Full Name	Skype
Description	Skype software uses a proprietary Internet telephony (VoIP) network called the Skype protocol. Part of the Skype technology relies on the Global Index peer-to-peer protocol belonging to the Joltid Ltd. corporation. Skype is software that contains several features such as telephone calls over the Internet, instant messaging, file transfer and video conferencing.
Introduced	-
Deprecated	-
Reference	http://www.skype.com
Global ID	13:83
ID	83
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ms-cloud-group

Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	True
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

SLACK

Name/CLI Keyword	slack
Full Name	Slack
Description	Slack is a cloud-based set of proprietary team collaboration tools and services.
Introduced	38.0.0
Deprecated	-
Reference	https://slack.com/about
Global ID	13:1217
ID	1217
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	social-networking
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

SLACK-MEDIA

Name/CLI Keyword	slack-media
Full Name	Slack Media
Description	Slack media streaming services.
Introduced	38.0.0
Deprecated	-
Reference	https://slack.com/about
Global ID	13:1218
ID	1218
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	social-networking
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

SLATE-MAGAZINE

Name/CLI Keyword	slate-magazine
Full Name	Slate Magazine
Description	Slate Magazine - Online daily magazine.
Introduced	14.0.0
Deprecated	-
Reference	http://slate.com

Global ID	13:720
ID	1650
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SLICKDEALS

Name/CLI Keyword	slickdeals
Full Name	Slickdeals
Description	Slickdeals - An online coupons and deals website.
Introduced	14.0.0
Deprecated	-
Reference	http://slickdeals.net
Global ID	13:673
ID	1603
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SLING

Name/CLI Keyword	sling
Full Name	Sling
Description	Sling is a protocol used for the Slingbox TV streaming device. It works with a broadband internet connection over HTTP.
Introduced	-
Deprecated	-
Reference	http://www.slingbox.com/
Global ID	13:440
ID	892
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

SM

Name/CLI Keyword	sm

Full Name	SM
Description	Registered with IANA as IP Protocol 122
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:122
ID	876
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

SMAKYNET

Name/CLI Keyword	smakynet
Full Name	SMAKYNET
Description	Registered with IANA on port 122 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:122
ID	991
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SMARTPACKETS

Name/CLI Keyword	smartpackets
Full Name	EMC SmartPackets
Description	Registered with IANA on port 3218 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:3218
ID	1342
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	backup-and-storage
Sub Category	backup-systems
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data

Tunnel	False

SMARTSDP

Name/CLI Keyword	smartsdp
Full Name	Smart-SDP
Description	Registered with IANA on port 426 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:426
ID	341
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SMP

Name/CLI Keyword	smp
Full Name	Simple Message Protocol
Description	The Simple Message Protocol (SMP) is intended to be used to implement thread-to-thread messaging locally or over the Internet, in a reliable and secure communication.

Introduced	-
Deprecated	-
Reference	http://rdos.net/smp/smp.txt
Global ID	1:121
ID	875
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

SMPNAMERES

Name/CLI Keyword	smpnameres
Full Name	Smpnameres
Description	Registered with IANA on port 901 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:901
ID	664
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SMSD

Name/CLI Keyword	smsd
Full Name	SysMan Station Daemon
Description	The SysMan Station is a client-server application consisting of a daemon (smsd) and the SysMan Station graphical user interface (sysman station). The SysMan Station provides the ability to monitor and manage a single system or a TruCluster system. The smsd server is responsible for gathering system management data from the host and presenting that information to the SysMan Station client.
Introduced	-
Deprecated	-
Reference	http://h30097.www3.hp.com/docs/base_doc/DOCUMENTATION/V51B_HTML/MAN/MAN8/0252____.HTM
Global ID	3:596
ID	510
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False

Traffic-class	bulk-data
Tunnel	False

SMSP

Name/CLI Keyword	smsp
Full Name	Storage Management Services Protocol
Description	Registered with IANA on port 413 UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:413
ID	328
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SMTP

Name/CLI Keyword	smtp
Full Name	SMTP

Description	Simple Mail Transfer Protocol (SMTP) is used for sending email messages between servers. Most e-mail systems that send mail over the internet use SMTP to send messages from one server to another, the messages can then be retrieved with an email client using either POP or IMAP protocols. In addition, SMTP is also used to send messages from a mail client to a mail server
Introduced	-
Deprecated	-
Reference	http://james.apache.org/server/rfclist/smtp/rfc0821.txt
Global ID	3:25
ID	71
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	smtp-group
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SMUX

Name/CLI Keyword	smux
Full Name	SNMP Multiplexing
Description	SNMP multiplexing (SMUX) is a computer networking protocol used in implementing the Simple Network Management Protocol (SNMP). It defines communications between the SNMP Agent and other processes.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc1227.txt
Global ID	3:199

ID	1097
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SNAGAS

Name/CLI Keyword	snagas
Full Name	SNA Gateway Access Server
Description	Gateway Access Server (GAS) is part of Systems Network Architecture (SNA), IBM's proprietary networking architecture. It is a complete protocol stack for interconnecting computers and their resources.
Introduced	-
Deprecated	-
Reference	http://publib.boulder.ibm.com/infocenter/zos/basics/index.jsp?topic=/com.ibm.zos.znetwork/znetwork_151.htm
Global ID	3:108
ID	979
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other

Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SNAPCHAT

Name/CLI Keyword	snapchat
Full Name	Snapchat
Description	Snapchat is a multimedia messaging app.
Introduced	38.0.0
Deprecated	-
Reference	https://www.snapchat.com
Global ID	13:1242
ID	1242
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

SNARE

Name/CLI Keyword	snare

Full Name	System iNtrusion Analysis and Reporting Environment
Description	System iNtrusion Analysis and Reporting Environment (SNARE) is a group of open-source agents, and a commercial server, used to collect audit log data from a variety of operating systems and applications to facilitate centralised log analysis. Agents are available for Linux, Windows, Solaris, IIS, Lotus Notes, Irix, AIX, ISA and more.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Snare_(software)
Global ID	3:509
ID	423
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SNMP

Name/CLI Keyword	snmp
Full Name	SNMP
Description	Simple Network Management Protocol (SNMP) is a protocol used for a TCP/IP network management. It collects data about the network entities and distributes it among them. Typically the protocol uses TCP/UDP ports 161-162.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc1157.txt

Global ID	3:161
ID	38
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	snmp-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SNP

Name/CLI Keyword	snp
Full Name	Sitara Network Protocol
Description	The Sitara Network Protocol (SNP) is a network control protocol that adds end-to-end intelligence to IP networks. It allows features such as quality of service control and load balance.
Introduced	-
Deprecated	-
Reference	http://www.dejean.com/mc/sitara/tech_snp-paper.html
Global ID	1:109
ID	863
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other

Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

SNPP

Name/CLI Keyword	snpp
Full Name	SNPP
Description	Simple Network Paging Protocol (SNPP) is a protocol that defines a method by which a pager can receive a message over the Internet. It is supported by most major paging providers, and serves as an alternative to the paging modems used by many telecommunications services.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc1861.txt
Global ID	3:444
ID	359
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

SNTP-HEARTBEAT

Name/CLI Keyword	sntp-heartbeat
Full Name	SNTP-Heartbeat
Description	Simple Network Time Protocol Heartbeat (SNTP-HEARTBEAT) is used to provide a multicast heartbeat in a network. It can be used by network operators as well as application developers to alert themselves to losses of multicast connectivity in portions of the network.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/draft-ietf-mboned-sntp-heart-00
Global ID	3:580
ID	494
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SOCKS

Name/CLI Keyword	socks
Full Name	SOCKS
Description	SOCKet Secure (SOCKS) is an Internet protocol that facilitates the routing of network packets between client server applications via a proxy server.
Introduced	-

Deprecated	-
Reference	http://www.ietf.org/rfc/rfc1928.txt
Global ID	3:1080
ID	39
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	routing-protocol
P2P Technology	False
Encrypted	False
Traffic-class	network-control
Tunnel	True

SOFTPC

Name/CLI Keyword	softpc
Full Name	SoftPC
Description	SoftPC is a software emulator of x86 hardware by Insignia that runs MS-DOS on UNIX workstations and Windows on MAC OS.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/SoftPC
Global ID	3:215
ID	1112
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SOFTROS-MESSENGER-FT

Name/CLI Keyword	softros-messenger-ft
Full Name	Softros LAN Messenger and File Transfer
Description	Softros LAN Messenger is a secure serverless instant messaging program for user-to-user or user-to-group message and file exchange through a network (LAN, WAN, VPN). Softros Messenger FT is the file transfer protocol of the Softros LAM Messenger.
Introduced	-
Deprecated	-
Reference	http://messenger.softros.com
Global ID	3:19880
ID	1365
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SOHU-COM

Name/CLI Keyword	sohu-com
Full Name	Sohu.com
Description	Sohu.com - Chinese search engine with other services like games and advertising
Introduced	14.0.0
Deprecated	-
Reference	http://sohu.com
Global ID	13:466
ID	259
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SONAR

Name/CLI Keyword	sonar
Full Name	Sonar
Description	Sonar is a service designed to allow the availability of network-accessible resources to a world wide audience by providing several copies (or mirrors) of those resources at multiple locations.
Introduced	-
Deprecated	-

Reference	http://tools.ietf.org/html/draft-moore-sonar-01
Global ID	3:572
ID	486
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SONGSARI

Name/CLI Keyword	songsari
Full Name	Songsari
Description	Songsari is a commercial media distribution website popular in south Korea. Users registered to the website can download media files such as video and audio.
Introduced	-
Deprecated	35.0.0
Reference	http://www.songsari.com/
Global ID	13:450
ID	1094
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming

Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

SOPCAST

Name/CLI Keyword	sopcast
Full Name	SopCast
Description	SopCast is a simple, free way to broadcast or watch video and audio on the Internet. It uses Peer to Peer (P2P) technology that enables anyone become a broadcaster without requiring a powerful server or vast bandwidth.
Introduced	-
Deprecated	-
Reference	http://www.sopcast.org/
Global ID	13:429
ID	116
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	True
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

SORIBADA

Name/CLI Keyword	soribada
Full Name	Soribada
Description	The Soribada protocol is used by the Soribada file-sharing application popular in Korea. It also has paid services for MP3 file downloading.
Introduced	-
Deprecated	-
Reference	http://kpop.soribada.com/En/
Global ID	13:438
ID	842
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-audio-streaming
P2P Technology	True
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

SOULSEEK

Name/CLI Keyword	soulseek
Full Name	Soulseek
Description	SoulSeek is a peer to peer file sharing application. It has its own network that is also named Soulseek. The application is based on the Windows platform. The browsing for downloads is done by users with folder trees.
Introduced	-

Deprecated	-
Reference	http://www.slsknet.org/
Global ID	13:267
ID	431
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SOURCEFORGE

Name/CLI Keyword	sourceforge
Full Name	SourceForge
Description	SourceForge, web-based open source applications repository and software directory.
Introduced	36.0.0
Deprecated	-
Reference	https://www.sourceforge.net
Global ID	13:1200
ID	1200
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant

Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SOUTHWEST-AIRLINES

Name/CLI Keyword	southwest-airlines
Full Name	Southwest Airlines
Description	Southwest Airlines - Airlines service in United States.
Introduced	14.0.0
Deprecated	-
Reference	http://southwest.com
Global ID	13:729
ID	1659
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SPDY

Name/CLI Keyword	spdy
Full Name	SPDY
Description	SPDY (pronounced speedy) is an open networking protocol developed primarily at Google for transporting web content. SPDY is similar to HTTP, with particular goals to reduce web page load latency and improve web security. SPDY achieves reduced latency through compression, multiplexing, and prioritization. The name "SPDY" is a trademark of Google.
Introduced	-
Deprecated	66.0.0
Reference	http://dev.chromium.org/spdy
Global ID	13:541
ID	1474
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	browsing
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	True

SPEEDTEST

Name/CLI Keyword	speedtest
Full Name	Speedtest
Description	Speedtest - Test the download and upload speed of the internet.
Introduced	14.0.0

Deprecated	-
Reference	http://speedtest.net
Global ID	13:692
ID	1622
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SPIEGEL-ONLINE

Name/CLI Keyword	spiegel-online
Full Name	Spiegel Online
Description	Spiegel Online - Web portal for the Germans magazine Der Speigel.
Introduced	14.0.0
Deprecated	-
Reference	http://spiegel.de
Global ID	13:678
ID	1608
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant

Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SPLUNK

Name/CLI Keyword	splunk
Full Name	Splunk
Description	Splunk is a platform for collecting and analyzing machine-generated big data in the enterprise IT environment.
Introduced	-
Deprecated	-
Reference	http://www.splunk.com
Global ID	13:1084
ID	1084
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SPMP

Name/CLI Keyword	spmp
Full Name	SPMP
Description	Registered with IANA on port 656 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:656
ID	565
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SPOTIFY

Name/CLI Keyword	spotify
Full Name	Spotify
Description	Spotify is a commercial music streaming service providing digital rights management-restricted content from record labels including Sony, EMI, Warner Music Group and Universal. Music can be browsed or searched by artist, album, genre, playlist, or record label. Paid "Premium" subscriptions remove advertisements and allow users to download music to listen offline.

Introduced	34.0.0
Deprecated	-
Reference	http://www.spotify.com/
Global ID	13:1165
ID	1165
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-audio-streaming
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

SPRITE-RPC

Name/CLI Keyword	sprite-rpc
Full Name	Sprite RPC Protocol
Description	The Sprite operating system is designed for a set of cooperating hosts that communicate over a network, If a service is not implemented locally, the local Sprite kernel uses remote procedure call (RPC) to call a service procedure on a remote server machine.
Introduced	-
Deprecated	-
Reference	http://www.eecs.berkeley.edu/Pubs/TechRpts/1987/CSD-87-302.pdf
Global ID	1:90
ID	844
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

SPS

Name/CLI Keyword	sps
Full Name	Secure Packet Shield
Description	Secure Packet Shield (SPS) is an internet security protocol designed in 1998 for use in Fortress Technologies products as an alternative to IPSEC.
Introduced	-
Deprecated	-
Reference	http://www.thefreelibrary.com/Secure+Packet+Shield+Technology+Provides+More+Robust+Alternative+to...-a050265191
Global ID	1:130
ID	1228
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False

Traffic-class	bulk-data
Tunnel	False

SPSC

Name/CLI Keyword	spsc
Full Name	Spsc
Description	Registered with IANA on port 478 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:478
ID	392
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	industrial-protocols
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

SQL-NET

Name/CLI Keyword	sql-net
Full Name	SQL-NET

Description	SQL*Net (or Net8) is a networking software developed by Oracle. It allows remote data-access between programs and the Oracle Database.
Introduced	-
Deprecated	-
Reference	http://www.orafaq.com/wiki/SQL*Net
Global ID	3:150
ID	978
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SQLEXEC

Name/CLI Keyword	sqlexec
Full Name	IBM Informix SQL Interface
Description	IBM Informix SQL is a database application development system that features a suite of application development tools for small and large database applications. The Informix SQL suite includes a schema editor, menu builder, SQL editor, forms builder, and report writer.
Introduced	-
Deprecated	-
Reference	http://www-01.ibm.com/software/data/informix/tools/isql/
Global ID	3:9088
ID	90

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SQLI

Name/CLI Keyword	sqli
Full Name	SQLi
Description	The SQLI protocol (Structured Query Language Interface) is a proprietary protocol seemingly used exclusively in IBM Informix servers.
Introduced	34.0.0
Deprecated	-
Reference	https://www.ibm.com/support/knowledgecenter/en/SSGU8G_12.1.0/com.ibm.jdbc_pg.doc/ids_jdbc_038.htm
Global ID	13:1149
ID	1149
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False

Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SQLNET

Name/CLI Keyword	sqlnet
Full Name	SQLNet
Description	SQL*NET is a client-server middleware used to transfer information between databases and between database to clients.
Introduced	-
Deprecated	9.0.0
Reference	http://www.orafaq.com/wiki/SQL*Net
Global ID	3:1700
ID	51
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SQLSERV

Name/CLI Keyword	sqlserv
Full Name	REAL SQL Server

Description	REAL Server is a relational database management system(RDBMS) built on top of the sqlite database engine.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/REAL_Server
Global ID	3:118
ID	988
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SQLSERVER

Name/CLI Keyword	sqlserver
Full Name	Microsoft SQL Server
Description	Microsoft SQL Server is a relational database server, developed by Microsoft. It is a software product whose primary function is to store and retrieve data as requested by other software applications, be it those on the same computer or those running on another computer across a network.
Introduced	-
Deprecated	-
Reference	http://technet.microsoft.com/en-us/sqlserver/default
Global ID	3:1433
ID	25

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SQLSRV

Name/CLI Keyword	sqlsrv
Full Name	SQL Service
Description	Registered with IANA on port 156 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:156
ID	684
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False

Traffic-class	transactional-data
Tunnel	False

SRC

Name/CLI Keyword	src
Full Name	IBM SRC
Description	The System Resource Controller (SRC) provides a set of commands and subroutines to make it easier for the system manager and programmer to create and control subsystems.
Introduced	-
Deprecated	-
Reference	http://pic.dhe.ibm.com/infocenter/aix/v6r1/index.jsp?topic=%2Fcom.ibm.aix.baseadmn%2Fdoc%2Fbaseadmndita%2Fsysrescon.htm
Global ID	3:200
ID	1098
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SRMP

Name/CLI Keyword	srmp
Full Name	Spider Remote Monitoring Protocol

Description	Registered with IANA on port 193 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:193
ID	1039
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SRP

Name/CLI Keyword	srp
Full Name	SRP
Description	SpectraLink Radio Protocol (SRP) is a proprietary protocol used in conjunction with SpectraLink Voice Priority (SVP) in SpectraLink NetLink telephones for all communications among themselves and other pieces of SpectraLink VoWLAN infrastructures.
Introduced	-
Deprecated	-
Reference	http://www.cisco.com/en/US/tech/tk722/tk809/technologies_tech_note09186a00806d11cb.shtml
Global ID	1:119

ID	873
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

SRSSEND

Name/CLI Keyword	srssend
Full Name	SRS Send
Description	Registered with IANA on port 362 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:362
ID	278
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False

Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SS7NS

Name/CLI Keyword	ss7ns
Full Name	SS7Ns
Description	Registered with IANA on port 477 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:477
ID	391
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

SSCOPMCE

Name/CLI Keyword	sscopmce
Full Name	SSCOPMCE

Description	Service Specific Connection Oriented Protocol in a Multilink and Connectionless Environment (SSCOPMCE) is a peer-to-peer protocol deployed on a single ATM connection, multiple ATM connections between the same endpoints, or on a connectionless network.
Introduced	-
Deprecated	-
Reference	http://www.itu.int/rec/T-REC-Q.2111/en
Global ID	1:128
ID	1226
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SSDP

Name/CLI Keyword	ssdp
Full Name	SSDP
Description	The Simple Service Discovery Protocol (SSDP) is a network protocol based on the Internet protocol suite for advertisement and discovery of network services and presence information.
Introduced	47.0.0
Deprecated	-
Reference	https://tools.ietf.org/html/draft-cai-ssdp-v1-03
Global ID	13:1265

ID	1265
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

SSH

Name/CLI Keyword	ssh
Full Name	SSH
Description	Secure Shell Protocol (SSH) is a protocol used to secure login and other secure network services over an unsecure network. The protocol based on a client-server architecture has three steps for the connection: First the server has to be authenticated to the client over a reliable transport connection (usually TCP/IP), then the client side is authenticated-only then the connection is established and the client-server encrypted connection can transfer data between them. Typically the protocol uses TCP port 22.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc4251.txt
Global ID	3:22
ID	40
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant

Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	True
Traffic-class	ops-admin-mgmt
Tunnel	True

SSHELL

Name/CLI Keyword	sshell
Full Name	SSLshell
Description	SSL Shell establishes a Secure Shell connection to a server and starts up the user's default shell.
Introduced	-
Deprecated	-
Reference	http://www.nsoftware.com/products/component/sshell.aspx
Global ID	3:614
ID	523
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	True
Traffic-class	ops-admin-mgmt
Tunnel	False

SSL

Name/CLI Keyword	ssl
Full Name	SSL
Description	Secure Socket Layer (SSL) is a cryptographic protocol that provides communication security over the Internet. SSL encrypts the segments of network connections above the Transport Layer, using asymmetric cryptography for key exchange, symmetric encryption for privacy, and a keyed message authentication code for message reliability.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc6101
Global ID	13:453
ID	1312
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	browsing
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	True

SSL-LOCAL-NET

Name/CLI Keyword	ssl-local-net
Full Name	Local Network SSL
Description	Local network generic HTTP traffic.
Introduced	-

Deprecated	-
Reference	None
Global ID	13:813
ID	1744
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	browsing
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	True

SST

Name/CLI Keyword	sst
Full Name	SCSI on ST
Description	SCSI on Scheduled Transfer (ST) standard (SST) defines a method of encapsulating SCSI packets inside STP (ST Protocol), providing a possibility for high-performance network-attached storage. SCSI (Small Computer System Interface) is a set of standards for physically connecting and transferring data between computers and peripheral devices.
Introduced	-
Deprecated	-
Reference	https://www.kernel.org/doc/mirror/ols2001/stlinux.pdf
Global ID	3:266
ID	1138
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	default
Category	business-and-productivity-tools
Sub Category	enterprise-data-center-storage
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ST

Name/CLI Keyword	st
Full Name	Stream
Description	Internet Stream Protocol (ST or ST2) is an experimental resource reservation protocol intended to provide end-to-end real-time guarantees over an internet. It allows applications to build multi-destination simplex data streams with a desired quality of service.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1190
Global ID	1:5
ID	761
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned

Traffic-class	bulk-data
Tunnel	unassigned

STACK-OVERFLOW

Name/CLI Keyword	stack-overflow
Full Name	Stack Overflow
Description	Stack Overflow - Question and Answering site for programmers.
Introduced	14.0.0
Deprecated	-
Reference	http://stackoverflow.com
Global ID	13:600
ID	264
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

STATCOUNTER

Name/CLI Keyword	statcounter
Full Name	StatCounter
Description	StatCounter - Web traffic analyser.
Introduced	14.0.0

Deprecated	-
Reference	http://statcounter.com
Global ID	13:725
ID	1655
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

STATISTICAL-CONF-AUDIO

Name/CLI Keyword	statistical-conf-audio
Full Name	Statistical Conference Audio
Description	Statistical Conference Audio based on machine learning
Introduced	16.0.0
Deprecated	-
Reference	None
Global ID	13:1801
ID	1801
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

STATISTICAL-CONF-VIDEO

Name/CLI Keyword	statistical-conf-video
Full Name	Statistical Conference Video
Description	Statistical Conference Video based on machine learning
Introduced	16.0.0
Deprecated	-
Reference	None
Global ID	13:1800
ID	1800
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

STATISTICAL-DOWNLOAD

Name/CLI Keyword	statistical-download
Full Name	Statistical Download
Description	Statistical Download based on machine learning
Introduced	16.0.0
Deprecated	-
Reference	None
Global ID	13:1888
ID	1888
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

STATISTICAL-P2P

Name/CLI Keyword	statistical-p2p
Full Name	Statistical Peer-To-Peer
Description	Statistical Peer-To-Peer based on machine learning
Introduced	16.0.0
Deprecated	-
Reference	None

Global ID	13:1889
ID	1889
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

STATSRV

Name/CLI Keyword	statsrv
Full Name	Statistics Server
Description	The Statistics Server (STATSRV) protocol is intended as a lightweight mechanism similar in spirit to NETSTAT and complementary to it. STATSRV is designed to capture statistics data with minimal intrusion on existing systems or networks. It is intended for use with existing hosts and gateways primarily for casual monitoring and debugging purposes.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/rfc/rfc996
Global ID	3:133
ID	1162
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant

Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

STEAM

Name/CLI Keyword	steam
Full Name	Steam
Description	Steam is a massive gaming community and an online gaming platform. It delivers games to users desktops and allows gamers to communicate while playing online using text chatting or audio.
Introduced	-
Deprecated	-
Reference	http://store.steampowered.com/about/
Global ID	13:472
ID	1401
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	gaming
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

STMF

Name/CLI Keyword	stmf
Full Name	STMF
Description	Registered with IANA on port 501 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:501
ID	415
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

STREAMWORK

Name/CLI Keyword	streamwork
Full Name	StreamWork
Description	Deprecated: Stream Work developed by Xing Technology is a network delivery of live and on-demand of video and audio data. NBC is using it for broadcasting financial news, popular in the U.S and Europe. The protocol is based on a client server architecture and uses connectionless protocol UDP.
Introduced	-

Deprecated	32.0.0
Reference	http://www.sapstreamwork.com/how-it-works
Global ID	13:427
ID	55
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

STREETTALK

Name/CLI Keyword	streettalk
Full Name	StreetTalk
Description	Registered with IANA on port 566 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:566
ID	481
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	banyan-group
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

STUN-NAT

Name/CLI Keyword	stun-nat
Full Name	STUN NAT
Description	Session Traversal Utilities for NAT (STUN) is an Internet standards-track suite of methods, including a network protocol, used in NAT traversal for applications of real-time voice, video, messaging, and other interactive IP communications.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc5389
Global ID	3:3478
ID	894
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	stun-group
Business Relevance	default
Category	layer3-over-ip
Sub Category	network-management
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

STUNS

Name/CLI Keyword	stuns
Full Name	STUN over TLS
Description	Session Traversal Utilities for NAT provides a means for an endpoint to determine the IP address and port allocated by a NAT that corresponds to its private IP address and port. It also provides a way for an endpoint to keep a NAT binding alive. With some extensions, the protocol can be used to do connectivity checks between two endpoints [MMUSIC-ICE], or to relay packets between two endpoints.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc5389
Global ID	3:5349
ID	1321
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	stun-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	True
Traffic-class	ops-admin-mgmt
Tunnel	False

STX

Name/CLI Keyword	stx
Full Name	Stock IXChange
Description	Registered with IANA on port 527 TCP/UDP

Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:527
ID	445
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SU-MIT-TG

Name/CLI Keyword	su-mit-tg
Full Name	SU/MIT Telnet Gateway
Description	SU/MIT Telnet Gateway is used to enable users to telnet between networks running different protocols.
Introduced	-
Deprecated	-
Reference	http://donsnotes.com/tech/networks/internet/proto/su-mit-tg.html
Global ID	3:89
ID	960
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SUBMISSION

Name/CLI Keyword	submission
Full Name	MSA
Description	Amail submission agent(MSA) is a computer program or software agent that receives electronic mail messages from a mail user agent (MUA) and cooperates with amail transfer agent (MTA) for delivery of the mail. It uses a variant of the Simple Mail Transfer Protocol (SMTP).
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Mail_submission_agent
Global ID	3:587
ID	501
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	smtp-group
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False

Traffic-class	bulk-data
Tunnel	False

SUBMIT

Name/CLI Keyword	submit
Full Name	Submit Protocol
Description	Registered with IANA on port 773 TCP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:773
ID	643
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SUBNTBCST_TFTP

Name/CLI Keyword	subntbcst_tftp
Full Name	SUBNTBCST_TFTP
Description	Registered with IANA on port 247 TCP/UDP

Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:247
ID	1127
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	tftp-group
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SUGARCRM

Name/CLI Keyword	sugarcrm
Full Name	SugarCRM
Description	SugarCRM is a software company based in Cupertino, California. It produces the web application Sugar, a customer relationship management (CRM) system.
Introduced	35.0.0
Deprecated	-
Reference	https://www.sugarcrm.com/
Global ID	13:1196
ID	1196
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	sugar-crm-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-services
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

SUN-DR

Name/CLI Keyword	sun-dr
Full Name	SUNDR
Description	SUNDR is a network file system designed to store data securely on untrusted servers. SUNDR lets clients detect any attempts at unauthorized file modification by malicious server operators or users. SUNDRs protocol achieves a property called fork consistency, which guarantees that clients can detect any integrity or consistency failures as long as they see each others file modifications. An implementation is described that performs comparably with NFS (sometimes better and sometimes worse), while offering significantly stronger security.
Introduced	-
Deprecated	-
Reference	http://static.usenix.org/event/osdi04/tech/full_papers/li_j/li_j.pdf
Global ID	3:665
ID	573
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False

Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SUN-ND

Name/CLI Keyword	sun-nd
Full Name	SUN ND PROTOCOL-Temporary
Description	Registered with IANA as IP Protocol 77
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:77
ID	831
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

SUNRPC

Name/CLI Keyword	sunrpc
Full Name	Sun RPC

Description	Sun Microsystems Remote Procedure Call (SunRPC) is a client-server protocol that allows users to call procedures remotely, which means the procedure is actually done at the server and not at the local user. The server holds a port mapper that listens to queries, usually on port 111.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc1057.txt
Global ID	3:111
ID	54
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	inter-process-rpc
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SUPDUP

Name/CLI Keyword	supdup
Full Name	SUPDUP
Description	The SUPDUP protocol provides means for login to a remote system over a network with terminal-independent output, so that only the local system need know how to handle the user's terminal. It offers facilities for graphics and for local assistance to remote text editors.
Introduced	-
Deprecated	-
Reference	http://dspace.mit.edu/handle/1721.1/5694
Global ID	3:95

ID	966
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SUR-MEAS

Name/CLI Keyword	sur-meas
Full Name	Survey Measurement
Description	Registered with IANA on port 243 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:243
ID	1123
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False

Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SURF

Name/CLI Keyword	surf
Full Name	Speeded Up Robust Feature
Description	Speeded Up Robust Feature (SURF) is a robust local feature detector that can be used in computer vision tasks like object recognition or 3D reconstruction. It is partly inspired by the SIFT descriptor.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/SURF
Global ID	3:1010
ID	681
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SVN

Name/CLI Keyword	svn

Full Name	VCS
Description	Apache Subversion (SVN) is a software versioning and revision control system distributed under an open source license. Developers use Subversion to maintain current and historical versions of files such as source code, web pages, and documentation. Its goal is to be a mostly-compatible successor to the widely used Concurrent Versions System (CVS).
Introduced	-
Deprecated	-
Reference	http://subversion.apache.org/
Global ID	3:3690
ID	1366
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SVRLOC

Name/CLI Keyword	svrloc
Full Name	Server Location
Description	The Service Location Protocol (SLP, srvloc) is a service discovery protocol that allows computers and other devices to find services in a local area network without prior configuration. SLP has been designed to scale from small, unmanaged networks to large enterprise networks.
Introduced	-
Deprecated	-

Reference	http://www.ietf.org/rfc/rfc2608.txt
Global ID	3:427
ID	342
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	control-and-signaling
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	signaling
Tunnel	unassigned

SWAGBUCKS

Name/CLI Keyword	swagbucks
Full Name	Swagbucks
Description	Swagbucks - Online rewards program.
Introduced	14.0.0
Deprecated	-
Reference	http://swagbucks.com
Global ID	13:767
ID	1697
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing

Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

SWIFT-RVF

Name/CLI Keyword	swift-rvf
Full Name	Swift Remote Virtural File Protocol
Description	Registered with IANA on port 97 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:97
ID	968
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SWIPE

Name/CLI Keyword	swipe
Full Name	Swipe
Description	The swIPe IP Security Protocol (swIPe) is an experimental Internet Protocol (IP) security protocol that was specified in 1993. It operates at the Internet Layer of the Internet Protocol Suite.
Introduced	-
Deprecated	-
Reference	http://www.crypto.com/papers/swipe.id.txt
Global ID	1:53
ID	807
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

SYBASE

Name/CLI Keyword	sybase
Full Name	Sybase
Description	Sybase Database Management Software is a suite that offers business and enterprise-level database management services. The software is based on client-server architecture that works on multiple platforms such as Windows and Linux. The software usually uses TCP/UDP ports 1498, 2439, 2638, and 4950.

Introduced	-
Deprecated	-
Reference	http://www.sybase.com/products/databasemanagement
Global ID	3:1498
ID	1390
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SYNERGY

Name/CLI Keyword	synergy
Full Name	Computer Resources Sharing Application
Description	Synergy is a computer resources sharing application that lets users easily share a mouse and keyboard between multiple computers. It works on Windows, Mac OS X and Linux
Introduced	-
Deprecated	-
Reference	http://synergy-foss.org
Global ID	13:379
ID	1367
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

SYNOPTICS-TRAP

Name/CLI Keyword	synoptics-trap
Full Name	SynOptics Trap Convention Port
Description	Registered with IANA on port 412 UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:412
ID	327
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	snmp-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SYNOTICS-BROKER

Name/CLI Keyword	synotics-broker
Full Name	SynOptics SNMP Broker Port
Description	Registered with IANA on port 392 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:392
ID	308
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	snmp-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SYNOTICS-RELAY

Name/CLI Keyword	synotics-relay
Full Name	SynOptics SNMP Relay Port
Description	Registered with IANA on port 391 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:391
ID	307
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	snmp-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SYSLOG

Name/CLI Keyword	syslog
Full Name	Syslog
Description	SYSLOG is a standard for message logging. It permits separation of the software that generates messages, the system that stores them, and the software that reports and analyzes them. Each message is labeled with a facility code, indicating the software type generating the message, and assigned a severity label.
Introduced	-
Deprecated	-
Reference	https://tools.ietf.org/html/rfc3164,%20http://tools.ietf.org/html/rfc5424
Global ID	13:41
ID	41
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

SYSTAT

Name/CLI Keyword	systat
Full Name	SYSTAT Statistical Analysis Software
Description	SYSTAT is a statistical analysis and graphics software package.
Introduced	-
Deprecated	-
Reference	http://www.systat.com/
Global ID	3:11
ID	102
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

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T-MOBILE-WEB-SERVICES

Name/CLI Keyword	t-mobile-web-services
Full Name	T-Mobile

Description	T Mobile - Telecommunication and phone service provider.
Introduced	14.0.0
Deprecated	-
Reference	http://t-mobile.com
Global ID	13:792
ID	1720
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

TACACS

Name/CLI Keyword	tacacs
Full Name	TACACS
Description	Terminal Access Controller Access-Control System (TACACS) is a client that provides an access control to network entities such as routers and network access servers. Users can log in to the entities as if they were hosts. Typically TACACS uses TCP/UDP ports 49, 65.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/draft-grant-tacacs-07
Global ID	3:49
ID	112

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

TACNEWS

Name/CLI Keyword	tacnews
Full Name	TAC News
Description	Registered with IANA on port 98 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:98
ID	969
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False

Traffic-class	bulk-data
Tunnel	False

TAGGED-COM

Name/CLI Keyword	tagged-com
Full Name	Tagged
Description	Tagged - Social networking site based in California.
Introduced	14.0.0
Deprecated	-
Reference	http://tagged.com
Global ID	13:798
ID	1726
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

TALK

Name/CLI Keyword	talk
Full Name	Talk

Description	talk is a Unix text chat program. It originally allowed messaging only between the users logged on to one multi-user computer, but later was extended to allow chat to users on other systems.
Introduced	-
Deprecated	-
Reference	http://manpages.ubuntu.com/manpages/precise/en/man1/talk.1posix.html
Global ID	3:517
ID	434
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

TAPEWARE

Name/CLI Keyword	tapeware
Full Name	Yosemite Tech Tapeware
Description	Tapeware is an automatic Backup program from Yosemite Technologies Inc. software vendor. Tapeware was discontinued at the end of 2006 and replaced by Yosemite's new Product: Yosemite Backup.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Tapeware
Global ID	3:3817
ID	1372

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	backup-and-storage
Sub Category	backup-systems
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

TARINGA

Name/CLI Keyword	taringa
Full Name	Taringa
Description	Taringa - Argentinian Social network.
Introduced	14.0.0
Deprecated	-
Reference	http://taringa.net
Global ID	13:787
ID	1715
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False

Traffic-class	transactional-data
Tunnel	False

TCF

Name/CLI Keyword	tcf
Full Name	TCF
Description	Target Communication Framework (TCF) is a vendor-neutral, lightweight, extensible network protocol used mainly for communicating with embedded systems (targets). Its most distinguishing feature is that TCF is designed to transparently plug in value-adding servers between the tool and the target. Without value-add, the protocol can unify many currently independent communication links, thus saving resources and making setup and configuration much easier than in current embedded development scenarios.
Introduced	-
Deprecated	-
Reference	http://wiki.eclipse.org/DSDP/TM/TCF_FAQ
Global ID	1:87
ID	841
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

TCPOVERDNS

Name/CLI Keyword	tcpoverdns
Full Name	Tcp Tunneled over DNS
Description	tcp-over-dns contains a special dns server and a special dns client. The client and server work in tandem to provide a TCP tunnel through the standard DNS protocol.
Introduced	-
Deprecated	-
Reference	http://analogbit.com/software/tcp-over-dns
Global ID	13:331
ID	1042
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	True

TD-REPLICA

Name/CLI Keyword	td-replica
Full Name	Tobit David Replica
Description	The Replication Services for David enable a replication of the contents of any archives that are stored on different David Servers. David (from Tobit Software) is a mail access server that also provides other services, such as: fax, voice and document management.
Introduced	-

Deprecated	-
Reference	http://www.tobit.com
Global ID	3:268
ID	1140
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	backup-and-storage
Sub Category	backup-systems
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

TD-SERVICE

Name/CLI Keyword	td-service
Full Name	Tobit David Service Layer
Description	Tobit software provides different kinds of communication solutions, including Faxing software, email, fax, voice, SMS and more.
Introduced	-
Deprecated	-
Reference	http://www.tobit.com/
Global ID	3:267
ID	1139
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

TEAMSOUND

Name/CLI Keyword	teamsound
Full Name	TeamSound
Description	TeamSound is a voice conferencing software for online game players. It can operate as a dedicated or non-dedicated peer-to-peer voice communication system, geared for use in multiplayer, networked Internet games.
Introduced	-
Deprecated	-
Reference	http://www.fileol.com/audio-and-video/teamsound-5.6.html
Global ID	3:40001
ID	1391
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

TEAMSPEAK

Name/CLI Keyword	teamspeak
Full Name	TeamSpeak
Description	TeamSpeak software is an Internet based conferencing solution that enables users to speak with one another over the Internet. The software is based on client-server architecture and is firewall and router friendly.
Introduced	-
Deprecated	-
Reference	http://teamspeak.com/
Global ID	13:447
ID	1072
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

TEAMVIEWER

Name/CLI Keyword	teamviewer
Full Name	Remote Access and Desktop Sharing
Description	TeamViewer is a computer software package for remote control, desktop sharing, and file transfer between computers. The software operates with the Microsoft Windows, Mac OS X Linux, iOS and Android operating systems.
Introduced	-

Deprecated	-
Reference	http://www.teamviewer.com/en/index.aspx
Global ID	13:494
ID	1430
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

TED

Name/CLI Keyword	ted
Full Name	TED
Description	TED - Conference and Talk show to share ideas.
Introduced	14.0.0
Deprecated	-
Reference	http://ted.com
Global ID	13:768
ID	1698
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant

Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

TEEDTAP

Name/CLI Keyword	teedtap
Full Name	Teedtap
Description	Registered with IANA on port 559 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:559
ID	474
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

TELEGRAM

Name/CLI Keyword	telegram
Full Name	Telegram
Description	Telegram is a cross-platform messaging service.
Introduced	67.0.0
Deprecated	-
Reference	https://telegram.org/
Global ID	13:1300
ID	1300
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

TELEGRAPH

Name/CLI Keyword	telegraph
Full Name	The Telegraph
Description	The Telegraph - Online news portal.
Introduced	14.0.0
Deprecated	-
Reference	http://telegraph.co.uk

Global ID	13:666
ID	1595
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

TELEPRESENCE-AUDIO

Name/CLI Keyword	telepresence-audio
Full Name	Telepresence Audio
Description	Telepresence Voice by various Cisco unified communication clients.
Introduced	20.0.0
Deprecated	-
Reference	http://ciscospark.com
Global ID	13:816
ID	1758
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	telepresence-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-realtime-apps

P2P Technology	False
Encrypted	False
Traffic-class	voip-telephony
Tunnel	False

TELEPRESENCE-CONTROL

Name/CLI Keyword	telepresence-control
Full Name	Telepresence Control
Description	Cisco TelePresence Control protocol is used for the audio and HD video interactive conferencing of the telepresence device. The communication is done over the Internet. The control protocol includes control packets over SIP and RTCP protocols, and works simultaneously with Cisco telepresence media protocol.
Introduced	-
Deprecated	-
Reference	http://www.cisco.com/en/US/solutions/ns669/public_telepresence.html
Global ID	13:114
ID	114
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	telepresence-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

TELEPRESENCE-MEDIA

Name/CLI Keyword	telepresence-media
Full Name	Telepresence Media
Description	Cisco TelePresence media protocol is used for the audio and HD video interactive conferencing of the telepresence device. The communication is done over the internet. The protocol consists only data packets, and works simultaneously with cisco telepresence control protocol.
Introduced	-
Deprecated	-
Reference	http://www.cisco.com/en/US/solutions/ns669/public_telepresence.html
Global ID	13:113
ID	113
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	telepresence-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-realtime-apps
P2P Technology	False
Encrypted	False
Traffic-class	real-time-interactive
Tunnel	False

TELL

Name/CLI Keyword	tell
Full Name	Tell
Description	Registered with IANA on port 754 TCP/UDP
Introduced	-

Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:754
ID	629
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

TELNET

Name/CLI Keyword	telnet
Full Name	Telnet
Description	Telnet is a cross-platform interactive text-based protocol used to connect remote clients over a TCP/IP network. The telnet client connects to a host and becomes a Network Virtual Terminal (NVT) allowing the user to communicate remotely with the host. Typically, the protocol uses TCP port 23.
Introduced	-
Deprecated	-
Reference	http://www.faqs.org/rfcs/rfc854.html
Global ID	3:23
ID	42
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

TEMPO

Name/CLI Keyword	tempo
Full Name	Tempo
Description	Registered with IANA on port 526 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:526
ID	444
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

TENFOLD

Name/CLI Keyword	tenfold
Full Name	TenFold
Description	Registered with IANA on port 658 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:658
ID	567
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

TEREDO-IPV6-TUNNELED

Name/CLI Keyword	teredo-ipv6-tunneled
Full Name	Teredo IPv6 Tunneled
Description	Teredo is a tunneling protocol designed to grant IPv6 connectivity to nodes that are located behind IPv6-unaware NAT devices. It defines a way of encapsulating IPv6 packets within IPv4 UDP datagrams that can be routed through NAT devices and on the IPv4 internet.
Introduced	-

Deprecated	-
Reference	http://tools.ietf.org/html/rfc4380
Global ID	13:326
ID	1219
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	True

TESCO

Name/CLI Keyword	tesco
Full Name	Tesco.com
Description	Tesco.com - General E-commerce website.
Introduced	14.0.0
Deprecated	-
Reference	http://tesco.com
Global ID	13:644
ID	1573
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant

Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

TESLA-SYS-MSG

Name/CLI Keyword	tesla-sys-msg
Full Name	TESLA System Messaging
Description	Registered with IANA on port 7631 TCP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:7631
ID	1392
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

TEXAR

Name/CLI Keyword	texar
Full Name	Texar Security Port
Description	Registered with IANA on port 333 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:333
ID	869
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

TFTP

Name/CLI Keyword	tftp
Full Name	TFTP
Description	Trivial File Transfer Protocol (TFTP) is a file transfer protocol, with the functionality of a very basic form of FTP. It is useful for booting computers such as routers which do not have any data storage devices.
Introduced	-

Deprecated	-
Reference	http://www.ietf.org/rfc/rfc1350.txt
Global ID	3:69
ID	48
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	tftp-group
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

THE-ATLANTIC

Name/CLI Keyword	the-atlantic
Full Name	The Atlantic
Description	The Atlantic - News portal.
Introduced	14.0.0
Deprecated	-
Reference	http://theatlantic.com
Global ID	13:776
ID	1706
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant

Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

THE-DAILY-BEAST

Name/CLI Keyword	the-daily-beast
Full Name	The Daily Beast
Description	The Daily Beast - American news reporting and opinion website.
Introduced	14.0.0
Deprecated	-
Reference	http://thedailybeast.com
Global ID	13:789
ID	1717
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

THE-PIRATE-BAY

Name/CLI Keyword	the-pirate-bay
Full Name	The Pirate Bay
Description	The Pirate Bay - BitTorrent index and search engine.
Introduced	14.0.0
Deprecated	-
Reference	http://thepiratebay.com
Global ID	13:655
ID	1584
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

THECHIVE

Name/CLI Keyword	thechive
Full Name	theCHIVE
Description	theCHIVE - Funny photos and videos.
Introduced	14.0.0
Deprecated	-
Reference	http://thechive.com

Global ID	13:463
ID	257
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

THEFREEDICTIONARY-COM

Name/CLI Keyword	thefreedictionary-com
Full Name	The Free Dictionary
Description	The Free Dictionary - Online dictionary aggregator.
Introduced	14.0.0
Deprecated	-
Reference	http://thefreedictionary.com
Global ID	13:694
ID	1624
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

THREADS

Name/CLI Keyword	threads
Full Name	Threads
Description	Threads is a text-focused social media platform by Meta.
Introduced	75.0.0
Deprecated	-
Reference	https://www.threads.net/
Global ID	13:1460
ID	1460
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	meta-group
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

TIANYA

Name/CLI Keyword	tianya
Full Name	Tianya

Description	Tianya - Chinese forum for blogging, microblogging and photo album services.
Introduced	14.0.0
Deprecated	-
Reference	http://tianya.cn
Global ID	13:672
ID	1602
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

TICF-1

Name/CLI Keyword	ticf-1
Full Name	Transport Independent Convergence for FNA
Description	Registered with IANA on port 492 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:492
ID	406
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

TICF-2

Name/CLI Keyword	ticf-2
Full Name	Transport Independent Convergence for FNA
Description	Registered with IANA on port 493 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:493
ID	407
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

TIKTOK

Name/CLI Keyword	tiktok
Full Name	TikTok
Description	TikTok is a social media platform for creating and sharing short videos.
Introduced	66.0.0
Deprecated	-
Reference	https://www.tiktok.com/
Global ID	13:1294
ID	1294
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	tiktok-group
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

TIMBUKTU

Name/CLI Keyword	timbuktu
Full Name	Timbaktu Remote Control Software
Description	Timbuktu is a remote control software product developed by WOS Datasystems. Timbuktu is compatible with computers running both Mac OS X and Windows.
Introduced	-
Deprecated	-

Reference	http://www.motorola.com/Video-Solutions/US-EN/Products-and-Services/Software/Remote-Access/Timbuktu+Pro_US-EN
Global ID	3:407
ID	322
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

TIME

Name/CLI Keyword	time
Full Name	Time
Description	The Network Time Protocol (NTP) is a protocol used to get the accurate time and date from designated time servers. The protocol works on TCP and UDP, typically on port 37.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc868.txt
Global ID	3:37
ID	105
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

TIME-NEWS

Name/CLI Keyword	time-news
Full Name	TIME.com
Description	TIME.com - Webportal for TIME Magazine.
Introduced	14.0.0
Deprecated	-
Reference	http://time.com
Global ID	13:696
ID	1626
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

TIMED

Name/CLI Keyword	timed
Full Name	Timeserver
Description	A time server is a server computer that reads the actual time from a reference clock and distributes this information to its clients using a computer network. The time server may be a local network time server or an Internet time server.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Time_server
Global ID	3:525
ID	443
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

TINC

Name/CLI Keyword	tinc
Full Name	Tinc
Description	tinc is a Virtual Private Network (VPN) daemon that uses tunnelling and encryption to create a secure private network between hosts on the Internet.
Introduced	-

Deprecated	-
Reference	http://www.tinc-vpn.org/
Global ID	3:655
ID	564
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	True

TINYURL

Name/CLI Keyword	tinyurl
Full Name	TinyURL
Description	TinyURL - Shortens the long URL.
Introduced	14.0.0
Deprecated	-
Reference	http://tinyurl.com
Global ID	13:766
ID	1696
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant

Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

TLISRV

Name/CLI Keyword	tlisrv
Full Name	Oracle
Description	Registered with IANA on port 1527 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:1527
ID	692
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

TLSP

Name/CLI Keyword	tlsp
Full Name	TLS Protocol
Description	Transport Layer Security (TLS) and its predecessor, Secure Sockets Layer (SSL), are cryptographic protocols that provide communication security over the Internet. TLS and SSL encrypt the segments of network connections at the Application Layer for the Transport Layer, using asymmetric cryptography for key exchange, symmetric encryption for privacy, and message authentication codes for message integrity.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc5246.txt
Global ID	1:56
ID	810
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

TMZ

Name/CLI Keyword	tmz
Full Name	TMZ
Description	TMZ - Entertainment news.

Introduced	14.0.0
Deprecated	-
Reference	http://tmz.com
Global ID	13:701
ID	1631
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

TN-TL-FD1

Name/CLI Keyword	tn-tl-fd1
Full Name	Tn-Tl-Fd1
Description	Registered with IANA on port 476 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:476
ID	390
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

TNETOS

Name/CLI Keyword	tnETOS
Full Name	tnETOS
Description	Registered with IANA on port 377 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:377
ID	293
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

TNS-CML

Name/CLI Keyword	tns-cml
Full Name	TNS CML
Description	Registered with IANA on port 590 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:590
ID	504
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

TOMATOPANG

Name/CLI Keyword	tomatopang
Full Name	Tomatopang
Description	Tomatopang is a Korean peer to peer file-sharing application. It is based on peer to peer architecture.
Introduced	-
Deprecated	-

Reference	http://www.tomatopang.net/
Global ID	13:449
ID	1093
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

TOR

Name/CLI Keyword	tor
Full Name	Tor
Description	Tor (The Onion Router) is a system intended to enable online anonymity. Tor client software routes Internet traffic through a worldwide volunteer network of servers in order to conceal a user's location or usage from someone conducting network surveillance or traffic analysis. The software is "free-software" and the network is free of charge to use.
Introduced	-
Deprecated	-
Reference	http://www.torproject.org/
Global ID	13:460
ID	1319
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-irrelevant
Category	anonymizers
Sub Category	p2p-networking
P2P Technology	True
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

TORRENTZ

Name/CLI Keyword	torrentz
Full Name	Torrentz
Description	Torrentz - BitTorrent metasearch engine.
Introduced	14.0.0
Deprecated	-
Reference	http://torrentz.eu
Global ID	13:657
ID	1586
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

TP++

Name/CLI Keyword	tp++
Full Name	TP++ TP
Description	Registered with IANA as IP Protocol 39
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:39
ID	793
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

TPIP

Name/CLI Keyword	tpip
Full Name	TPIP
Description	Registered with IANA on port 594 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml

Global ID	3:594
ID	508
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

TRACEROUTE-LINUX

Name/CLI Keyword	traceroute-linux
Full Name	Traceroute Linux
Description	Print the route packets trace to network host
Introduced	36.0.0
Deprecated	-
Reference	https://linux.die.net/man/8/traceroute
Global ID	13:1199
ID	1199
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management

P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

TRADESTATION

Name/CLI Keyword	tradestation
Full Name	Technical Analysis Software
Description	The TradeStation analysis and trading platform is a professional electronic trading platform for financial market traders.
Introduced	-
Deprecated	-
Reference	http://www.tradestation.com/
Global ID	3:11010
ID	1393
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

TRINOO

Name/CLI Keyword	trinoo

Full Name	Trin00
Description	The trinoo or trin00 is a set of computer programs to conduct a DDoS attack. It is believed that trinoo networks has been set up on thousands of systems on the Internet that have been compromised by remote buffer overrun exploits.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Trinoo
Global ID	3:27665
ID	1368
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	trojan
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

TRULIA

Name/CLI Keyword	trulia
Full Name	Trulia
Description	Trulia - Online portal for Real Estate.
Introduced	14.0.0
Deprecated	-
Reference	http://trulia.com
Global ID	13:710
ID	1640

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

TRUNK-1

Name/CLI Keyword	trunk-1
Full Name	Trunk-1
Description	Registered with IANA as IP Protocol 23
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:23
ID	777
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned

Traffic-class	bulk-data
Tunnel	unassigned

TRUNK-2

Name/CLI Keyword	trunk-2
Full Name	Trunk-2 Protocol
Description	Registered with IANA as IP Protocol 24
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:24
ID	778
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

TSERVER

Name/CLI Keyword	tserver
Full Name	CSTA
Description	Registered with IANA on port 450 TCP/UDP
Introduced	-

Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:450
ID	365
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

TTP

Name/CLI Keyword	ttp
Full Name	TTP
Description	Registered with IANA as IP Protocol 84
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:84
ID	838
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

TUDOU

Name/CLI Keyword	tudou
Full Name	Tudou
Description	Tudou - Popular Chinese video sharing website.
Introduced	14.0.0
Deprecated	-
Reference	http://tudou.com
Global ID	13:630
ID	1559
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

TUMBLR

Name/CLI Keyword	tumblr
Full Name	Tumblr
Description	Tumblr is a microblogging and social networking website. The service allows users to post multimedia and other content to a short-form blog.
Introduced	38.0.0
Deprecated	-
Reference	https://www.tumblr.com/
Global ID	13:1241
ID	1241
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

TUNNEL-HTTP

Name/CLI Keyword	tunnel-http
Full Name	Tunnel HTTP
Description	Tunnel HTTP represents the granular protocols that are tunneled over HTTP.
Introduced	-
Deprecated	-
Reference	N A

Global ID	13:435
ID	739
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	anonymizers
Sub Category	tunneling-protocols
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	True

TUS-FILES

Name/CLI Keyword	tus-files
Full Name	TusFiles
Description	TusFiles is a cloud storage provider for online hosting and sharing of files.
Introduced	22.0.0
Deprecated	-
Reference	http://www.tusfiles.net
Global ID	13:1058
ID	1058
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	consumer-cloud-storage

P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

TWITCH-TV

Name/CLI Keyword	twitch-tv
Full Name	TwitchTV
Description	TwitchTV - Justin.tv gaming specific livestreaming platform.
Introduced	14.0.0
Deprecated	-
Reference	http://twitch.tv
Global ID	13:648
ID	1577
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

TWITTER

Name/CLI Keyword	twitter
Full Name	X Twitter

Description	X Twitter - social networking service
Introduced	-
Deprecated	-
Reference	http://x.com/home
Global ID	13:517
ID	1453
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	social-networking
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

TYPEPAD

Name/CLI Keyword	typepad
Full Name	TypePad
Description	TypePad - Blogging service website.
Introduced	14.0.0
Deprecated	-
Reference	http://typepad.com
Global ID	13:791
ID	1719
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CHAPTER 25

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UAAC

Name/CLI Keyword	uaac

Full Name	UAAC Protocol
Description	Registered with IANA on port 145 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:145
ID	946
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

UARPS

Name/CLI Keyword	uarps
Full Name	Unisys ARPs
Description	Registered with IANA on port 219 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:219
ID	1116

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

UDPLITE

Name/CLI Keyword	udplite
Full Name	UDP Lite
Description	Lightweight User Datagram Protocol (UDP Lite) is a connectionless Transport layer protocol. UDP Lite provides partial checksums that cover only a segment of the datagrams. UDP Lite may be used in error-prone network environments that prefer to have partially damaged payloads delivered rather than discarded. UDP Lite is IP protocol number 136.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc3828.txt
Global ID	1:136
ID	1234
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

UIS

Name/CLI Keyword	uis
Full Name	UIS
Description	Registered with IANA on port 390 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:390
ID	306
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ULISTPROC

Name/CLI Keyword	ulistproc

Full Name	List Processor
Description	Registered with IANA on port 372 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:372
ID	288
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ULP

Name/CLI Keyword	ulp
Full Name	User Location Protocol
Description	The User Location Protocol (ULP) is the interface between a user location client and a user location server. User Location Servers are server programs that maintain dynamic information about users and the applications they are running. The server is similar to a DNS server in that the set of resource information associated with a particular user is composed of separate resource records. User Location Clients are programs that connect to user location servers. Clients can create, delete, modify, and query resource records on the server.
Introduced	-
Deprecated	-

Reference	http://www1.cs.columbia.edu/sip/drafts/draft-williams-uls-01.txt
Global ID	3:522
ID	440
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

ULPNET

Name/CLI Keyword	ulpnet
Full Name	Ulpnet
Description	Registered with IANA on port 483 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:483
ID	397
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other

Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ULTRASURF

Name/CLI Keyword	ultrasurf
Full Name	Ultrasurf
Description	Ultrasurf is an internet censorship circumvention proxy as well as anonymizer. It is developed and maintained by Ultrareach Internet Corporation.
Introduced	-
Deprecated	-
Reference	http://www.ultrasurf.us/
Global ID	13:584
ID	1523
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	anonymizers
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	True

UNIDATA-LDM

Name/CLI Keyword	unidata-ldm
Full Name	Unidata LDM
Description	The Unidata Local Data Manager (LDM) is a collection of cooperating programs that select, capture, manage, and distribute arbitrary data products. The system is designed for event-driven data distribution, and is currently used in the Unidata Internet Data Distribution(IDD) project. The LDM system includes network client and server programs and their shared protocols.
Introduced	-
Deprecated	-
Reference	http://www.unidata.ucar.edu/software/ldm/
Global ID	3:388
ID	304
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

UNIFY

Name/CLI Keyword	unify
Full Name	Unify
Description	Registered with IANA on port 181 TCP/UDP
Introduced	-

Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:181
ID	1024
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

UNITE-AIRLINES

Name/CLI Keyword	unite-airlines
Full Name	United Airlines
Description	United Airlines - Online Flight reservation from United Airlines.
Introduced	14.0.0
Deprecated	71.0.0
Reference	http://united.com
Global ID	13:753
ID	1683
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant

Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

UNITED-AIRLINES

Name/CLI Keyword	united-airlines
Full Name	United Airlines
Description	United Airlines online flight reservations
Introduced	71.0.0
Deprecated	-
Reference	http://united.com
Global ID	13:1407
ID	1407
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

UNKNOWN

Name/CLI Keyword	unknown
Full Name	Unknown
Description	unknown refers to traffic that did not get classified by the NBAR protocol library
Introduced	-
Deprecated	-
Reference	N A
Global ID	13:1
ID	1
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

UOL

Name/CLI Keyword	uol
Full Name	UOL
Description	UOL - Brazilian web portal for news and entertainment.
Introduced	14.0.0
Deprecated	-
Reference	http://uol.com

Global ID	13:627
ID	1556
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

UPS

Name/CLI Keyword	ups
Full Name	UPS
Description	Registered with IANA on port 401 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:401
ID	316
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	industrial-protocols
Sub Category	control-and-signaling

P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

URM

Name/CLI Keyword	urm
Full Name	Cray Unified Resource Manager
Description	Registered with IANA on port 606 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:606
ID	515
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

USA-TODAY

Name/CLI Keyword	usa-today

Full Name	USA Today
Description	USA Today - Website for newspaper USA Today.
Introduced	14.0.0
Deprecated	-
Reference	http://usatoday.com
Global ID	13:679
ID	1609
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

USAA

Name/CLI Keyword	usaa
Full Name	USAA
Description	USAA - Insurance company.
Introduced	14.0.0
Deprecated	-
Reference	http://usaa.com
Global ID	13:782
ID	1710
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

USBANK

Name/CLI Keyword	usbank
Full Name	U.S.Bank
Description	U.S.Bank - Online banking web portal for U.S Bank.
Introduced	14.0.0
Deprecated	-
Reference	http://usbank.com
Global ID	13:788
ID	1716
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data

Tunnel	False

USPS

Name/CLI Keyword	usps
Full Name	USPS
Description	USPS - US Postal Service website.
Introduced	14.0.0
Deprecated	-
Reference	http://usps.com
Global ID	13:660
ID	1589
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

UTI

Name/CLI Keyword	uti
Full Name	UTI
Description	Registered with IANA as IP Protocol 120
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:120
ID	874
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

UTIME

Name/CLI Keyword	utime
Full Name	Unix time
Description	utime is a Linux system call that changes the access and modification times of the inode specified by filename to the actime and modtime fields of times respectively.
Introduced	-
Deprecated	-
Reference	http://linux.die.net/man/2/utime
Global ID	3:519
ID	436
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant

Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

UTMPCD

Name/CLI Keyword	utmpcd
Full Name	UTMPCD
Description	Registered with IANA on port 431 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:431
ID	346
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

UTMPSD

Name/CLI Keyword	utmpsd
Full Name	Utmpsd
Description	Registered with IANA on port 430 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:430
ID	345
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

UUCP

Name/CLI Keyword	uucp
Full Name	UUCP
Description	Unix-to-Unix Copy (UUCP) is a suite of computer programs and protocols allowing remote execution of commands and transfer of files, email and netnews between computers. Specifically, a command named uucp is one of the programs in the suite; it provides a user interface for requesting file copy operations.
Introduced	-

Deprecated	-
Reference	http://en.wikipedia.org/wiki/Uucp
Global ID	3:540
ID	458
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

UUCP-PATH

Name/CLI Keyword	uucp-path
Full Name	UUCP Path Service
Description	Path Service is part of UUCP (Unix To Unix Copy Protocol) suite. It fills the need of people to determine mailbox addresses for hosts that are not part of the ARPA-Internet but can be reached by one or more relay hosts.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc915
Global ID	3:117
ID	987
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

UUCP-RLOGIN

Name/CLI Keyword	uucp-rlogin
Full Name	UUCP-Rlogin
Description	Rlogin is a part of UUCP (Unix-to-Unix Copy), a suite of computer programs and protocols allowing remote execution of commands and transfer of files, email and netnews between computers.
Introduced	-
Deprecated	-
Reference	http://www.uucp.org/
Global ID	3:541
ID	459
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

UUIDGEN

Name/CLI Keyword	uuidgen
Full Name	UUIDGEN
Description	A universally unique identifier (UUID) is an identifier standard used in software construction, standardized by the Open Software Foundation (OSF) as part of the Distributed Computing Environment (DCE). UUIDGEN is a program that generates a unique UUID for each system.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Uuid
Global ID	3:697
ID	605
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CHAPTER 26

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VACDSM-APP

Name/CLI Keyword	vacdsm-app
Full Name	VACDSM-APP
Description	Registered with IANA on port 671 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:671
ID	579
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

VACDSM-SWS

Name/CLI Keyword	vacdsm-sws
Full Name	VACDSM-SWS

Description	Registered with IANA on port 670 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:670
ID	578
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

VATP

Name/CLI Keyword	vatp
Full Name	Velazquez Application Transfer Protocol
Description	Registered with IANA on port 690 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:690
ID	598
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

VDOLIVE

Name/CLI Keyword	vdolive
Full Name	VDOLive
Description	VDOLive is a real time video-audio streaming and broadcasting player that is used in many different applications. The player is available both as a Netscape plug-in and as an Internet Explorer ActiveX control.
Introduced	-
Deprecated	35.0.0
Reference	http://www.5star-shareware.com/Windows/Music/MultimediaPlayers/vdolive-player.html
Global ID	13:425
ID	50
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False

Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

VEMMI

Name/CLI Keyword	vemmi
Full Name	Vemmi
Description	VEMMI is an international standard defining the user interface and client/server protocol for on-line multimedia interactive services. VEMMI allows to create on-line multimedia and hypermedia services that could be accessed from any user owning a PC or Mac personal computer running a VEMMI client software, using any network (Internet, ISDN, videotex etc.) to access the multimedia server.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc2122
Global ID	3:575
ID	489
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

VENTRILO

Name/CLI Keyword	ventrilo
Full Name	Ventrilo
Description	Ventrilo is the next generation of VoIP communication software that also includes chat messages. It is based on client-server architecture. Both server and client applications are available on various platforms, including Microsoft Windows and MAC OS X.
Introduced	-
Deprecated	-
Reference	http://www.ventrilo.com/
Global ID	13:446
ID	1069
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

VERIZON-WEB-SERVICES

Name/CLI Keyword	verizon-web-services
Full Name	Verizon
Description	Verizon - Internet, TV and Phone service provider.
Introduced	14.0.0

Deprecated	-
Reference	http://verizon.com
Global ID	13:739
ID	1669
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

VERIZON-WIRELESS-WEB

Name/CLI Keyword	verizon-wireless-web
Full Name	Verizon Wireless
Description	Verizon Wireless - Telecom and Internet provider.
Introduced	-
Deprecated	-
Reference	http://verizonwireless.com
Global ID	13:699
ID	1629
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant

Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

VIBER

Name/CLI Keyword	viber
Full Name	Viber
Description	Viber is a VoIP application for iPhone and Android phones that lets users make free phone calls and send text messages to anyone who also has the application installed. The application uses 3G or Wi-Fi connection to access the internet.
Introduced	-
Deprecated	-
Reference	http://www.viber.com/
Global ID	13:1320
ID	1320
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

VID

Name/CLI Keyword	vid
Full Name	Vid
Description	Logitech Vid is a Video-over-IP service based on SightSpeed. It is used by consumers with Logitech webcams.
Introduced	-
Deprecated	-
Reference	http://www.sightspeed.com/
Global ID	3:769
ID	639
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

VIDEO-OVER-HTTP

Name/CLI Keyword	video-over-http
Full Name	Video Over HTTP
Description	Video over HTTP represents the transfer of video data over HTTP protocol. The classification identifies different video formats. If a flow is classified as a more specific protocol, it will not be classified by video-over-http.
Introduced	-

Deprecated	-
Reference	N A
Global ID	13:432
ID	122
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	voice-and-video
Sub Category	enterprise-rich-media-content
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

VIDEOTEX

Name/CLI Keyword	videotex
Full Name	Videotex
Description	Videotex was one of the earliest implementations of an end-user information system. From the late 1970s to mid-1980s, it was used to deliver information (usually pages of text) to a user in computer-like format, typically to be displayed on a television.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Videotex
Global ID	3:516
ID	433
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

VIMEO

Name/CLI Keyword	vimeo
Full Name	Vimeo
Description	Vimeo is a video-sharing website in which users can upload, share and view videos.
Introduced	34.0.0
Deprecated	-
Reference	https://vimeo.com/
Global ID	13:1168
ID	1168
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	flash-group
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

VINE

Name/CLI Keyword	vine
Full Name	Vine
Description	**Deprecated** Vine - Mobile App for sharing photos and videos clips.
Introduced	-
Deprecated	40.0.0
Reference	http://vineapp.com
Global ID	13:744
ID	1674
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

VIRTUAL-PLACES

Name/CLI Keyword	virtual-places
Full Name	Virtual Places Chat
Description	Virtual Places Chat is software that uses the paradigm that any web page on the Internet is a chat room, a Virtual Place, if one or more people are viewing the page with the VPchat program. A web browser is an integral part of VPchat. Below the browser window there is a chat pane in which the conversation text is displayed. Below the chat pane is a box for entering text for the conversation. To the right of the browser window is a list of people in the room. In their haste to make money, they separated hundreds of friends who would not pay for chat.

Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Virtual_Places_Chat
Global ID	3:1533
ID	1385
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

VISA

Name/CLI Keyword	visa
Full Name	VISA Protocol
Description	Visa protocol is used for communication with Point-of-Sale Terminals. The protocol defines the data mode and error recovery for the POS data. The protocol uses async half-duplex transmissions and supports three modes: Single-thread, Multi-thread and Data Capture modes.
Introduced	-
Deprecated	-
Reference	http://www.sixnet.com/content/faq-visa-protocol-support-128.cfm
Global ID	1:70
ID	824
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

VKONTAKTE

Name/CLI Keyword	vkontakte
Full Name	VKontakte
Description	VKontakte - Russian social networking service.
Introduced	14.0.0
Deprecated	-
Reference	http://vk.com
Global ID	13:615
ID	1047
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data

Tunnel	False

VMNET

Name/CLI Keyword	vmnet
Full Name	VMNet
Description	VMNet is a virtual networking program that has been written to implement virtual networking support for the Hercules S/390 simulator, but it is intentionally generic in its functionality, so any other virtual machine simulator/emulator program could potentially use it.
Introduced	-
Deprecated	-
Reference	http://www.tldp.org/LDP/Linux-Dictionary/html/v.html
Global ID	3:175
ID	1020
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

VMPWSCS

Name/CLI Keyword	vmpwscs
Full Name	VM PWSCS
Description	Registered with IANA on port 214 TCP/UDP

Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:214
ID	1111
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	software-updates
Sub Category	enterprise-sw-deployment-tools
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

VMTP

Name/CLI Keyword	vmtp
Full Name	VMTP
Description	Versatile Message Transaction Protocol (VMTP) is a transport protocol specifically designed to support the transaction model of communication, as exemplified by remote procedure call (RPC). The full function of VMTP, including support for security, real-time, asynchronous message exchanges, streaming, multicast and idempotency, provides a rich selection to the VMTP user level.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1045
Global ID	1:81
ID	835

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

VMWARE-FDM

Name/CLI Keyword	vmware-fdm
Full Name	VMware FDM
Description	VMware Fault Domain Manager is a service of vSphere High Availability (HA) and vSphere Fault Tolerance. This service monitors the availability and power state of virtual machines, and restarts protected virtual machines when they fail. vSphere is a software of the VMWare suite, which is a virtualization software suite. Fault Domain manager typically uses TCP/UDP port 8182.
Introduced	-
Deprecated	-
Reference	http://pubs.vmware.com/vsphere-50/topic/com.vmware.vsphere.avail.doc_50/GUID-7442EF04-56C9-4910-ACBA-DF42E97ED311.html
Global ID	3:8182
ID	1394
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	vmware-group
Business Relevance	default
Category	other

Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

VMWARE-HORIZON

Name/CLI Keyword	vmware-horizon
Full Name	VMware Horizon
Description	VMware Horizon (formerly Horizon View) is a desktop and app virtualization product of VMware, and supports Microsoft Windows, Linux, and macOS operating systems.
Introduced	66.0.0
Deprecated	-
Reference	https://www.vmware.com/
Global ID	13:1291
ID	1291
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	vmware-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

VMWARE-HORIZON-DISPLAY

Name/CLI Keyword	vmware-horizon-display
Full Name	VMware Horizon Display
Description	Session traffic of the device display protocol, for a VMware Horizon client device.
Introduced	66.0.0
Deprecated	-
Reference	https://www.vmware.com/
Global ID	13:1296
ID	1296
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	vmware-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

VMWARE-HORIZON-USB

Name/CLI Keyword	vmware-horizon-usb
Full Name	VMware Horizon USB
Description	USB redirection traffic for a VMware Horizon client device.
Introduced	66.0.0
Deprecated	-
Reference	https://www.vmware.com/

Global ID	13:1295
ID	1295
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	vmware-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

VMWARE-VIEW

Name/CLI Keyword	vmware-view
Full Name	VMware View
Description	VMware View is a desktop-virtualization product developed by VMware, provides virtual desktop infrastructure (VDI) solution using VMware's virtualization technology. A client desktop operating system runs within a virtual environment on a server. This protocol match the user interface traffic and authentication, the remote desktops traffic sent over PCoIP or Microsoft Remote Desktop protocols.
Introduced	-
Deprecated	66.0.0
Reference	http://www.vmware.com/products/view/overview.html
Global ID	13:476
ID	1426
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	vmware-group
Business Relevance	business-relevant

Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

VMWARE-VMOTION

Name/CLI Keyword	vmware-vmotion
Full Name	VMware vMotion
Description	VMware vMotion is a feature of VMware cluster that allows the migration of operational guest virtual machines between similar but separate hardware hosts sharing the same storage. Each of these transitions is completely transparent to any users on the virtual machine at the time it is being migrated.
Introduced	-
Deprecated	-
Reference	http://www.vmware.com/products/vmotion/overview.html
Global ID	13:493
ID	1429
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	vmware-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

VMWARE-VSPHERE

Name/CLI Keyword	vmware-vsphere
Full Name	VMware vSphere
Description	VMware cloud infrastructure virtualization platform. Concentration of user interface communication with ESX and vCenter infrastructure. For other types of traffic generated by VMware infrastructure please refer to the following protocols: vmware-vmotion, vmware-view and iscsi
Introduced	-
Deprecated	-
Reference	http://www.vmware.com/products/vsphere/
Global ID	13:599
ID	1538
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	vmware-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

VNAS

Name/CLI Keyword	vnas
Full Name	VNAS
Description	Registered with IANA on port 577 TCP/UDP
Introduced	-

Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:577
ID	491
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

VNC

Name/CLI Keyword	vnc
Full Name	VNC
Description	Virtual Network Computing (VNC) is a graphical desktop sharing system that uses the Remote Framebuffer (RFB) protocol to remotely control another computer. The VNC session is established through an installed application.
Introduced	-
Deprecated	-
Reference	http://www.realvnc.com/
Global ID	13:100
ID	100
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	vnc-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

VNC-HTTP

Name/CLI Keyword	vnc-http
Full Name	VNC over HTTP
Description	Virtual Network Computing (VNC) is a graphical desktop sharing system that uses the Remote FrameBuffer protocol (RFB protocol) to remotely control another computer. It transmits the keyboard and mouse events from one computer to another. VNC is platform-independent "a VNC viewer on one operating system may connect to a VNC server on the same or any other operating system". VNC-HTTP establishes a VNC session from a Java-capable browser .The underlying protocol is HTTP.
Introduced	-
Deprecated	-
Reference	http://www.realvnc.com/
Global ID	13:485
ID	1414
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	vnc-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False

Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

VOOV-MEETING

Name/CLI Keyword	voov-meeting
Full Name	VooV Meeting
Description	VooV Meeting - Global cross-border video conferencing platform, owned by Tencent.
Introduced	55.0.0
Deprecated	-
Reference	https://voovmeeting.com/
Global ID	13:1272
ID	1272
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

VPP

Name/CLI Keyword	vpp
Full Name	Virtual Presence Protocol

Description	The Virtual Presence Protocol (VPP) is used to enable the exchange of document based virtual presence information. Virtual presence information is the foundation for virtual neighborhood services which provide users with information about virtual neighbors, i.e. other users who are close within the virtual document space. VPP enables the creation of dynamic vicinities based on hypertext references. It is not meant to replace or supersede presence notification protocols, but it augments online presence with location information. The purpose of presence notification protocols is to tell whether another individual is online or arrives online, etc.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/id/draft-wolf-vpp-01.txt
Global ID	3:677
ID	585
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

VPPS-QUA

Name/CLI Keyword	vpps-qua
Full Name	VVPS-Qua
Description	Registered with IANA on port 672 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:672
ID	580
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

VPPS-VIA

Name/CLI Keyword	vpps-via
Full Name	VPPS-Via
Description	Registered with IANA on port 676 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:676
ID	584
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

VRRP

Name/CLI Keyword	vrrp
Full Name	VRRP
Description	Virtual Router Redundancy Protocol (VRRP) is a network protocol providing an automatic assignment of IP protocols to participating hosts. The protocol is designed to eliminate the single point of failure inherent in the static default routed environment. VRRP is IP protocol number 112.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc5798
Global ID	1:112
ID	866
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	routing-protocol
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	network-control
Tunnel	unassigned

VSINET

Name/CLI Keyword	vsinet
Full Name	Vsinet
Description	Registered with IANA on port 996 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:996
ID	675
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

VSLMP

Name/CLI Keyword	vslmp
Full Name	Vslmp
Description	Registered with IANA on port 312 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:312
ID	1152
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

VXLAN

Name/CLI Keyword	vxlan
Full Name	VXLAN
Description	Virtual Extensible LAN is a network framework for overlaying virtualized layer 2 networks over layer 3 networks.
Introduced	42.0.0
Deprecated	-
Reference	https://tools.ietf.org/html/rfc7348
Global ID	13:1254
ID	1254
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default

Category	layer3-over-ip
Sub Category	tunneling-protocols
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	True

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WALL-STREET-JOURNAL

Name/CLI Keyword	wall-street-journal
Full Name	WSJ
Description	Wall Street Journal - Web Portal for news update.
Introduced	14.0.0
Deprecated	-
Reference	http://wsj.com
Global ID	13:669

ID	1598
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

WAP-PUSH

Name/CLI Keyword	wap-push
Full Name	WAP PUSH
Description	A WAP Push is a specially encoded message which includes a link to a Wireless Application Protocol (WAP) address. WAP Push was specified on top of WAP Datagram Protocol (WDP). As such, it can be delivered over any WDP-supported bearer, such as GPRS or SMS. WAP Push is an ideal technology for reaching users of legacy devices that have limited message content, formatting and viewing capabilities. This technology can deliver WAP Push messages to the user which in turn may be viewed by them in their device browser.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Wireless_Application_Protocol
Global ID	3:2948
ID	725
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default

Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

WAP-PUSH-HTTP

Name/CLI Keyword	wap-push-http
Full Name	WAP Push OTA-HTTP port
Description	WAP-Push OTA-HTTP is used for asynchronous communication between a PPG (Push Proxy Gateway) and a WAP client, utilizing HTTP services.
Introduced	-
Deprecated	-
Reference	http://www.openmobilealliance.org/tech/affiliates/wap/wap-235-pushota-20010425-a.pdf
Global ID	3:4035
ID	727
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

WAP-PUSH-HTTPS

Name/CLI Keyword	wap-push-https
Full Name	WAP Push OTA-HTTP Secure
Description	The Wireless Application Protocol(WAP) is technical standard for accessing information over a mobile wireless network. WAP Push allows WAP content to be pushed to the mobile handset with minimum user intervention.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Wireless_Application_Protocol#WAP_Push
Global ID	3:4036
ID	728
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

WAP-PUSHSECURE

Name/CLI Keyword	wap-pushsecure
Full Name	WAP Push Secure
Description	WAP Push Secure is the secured version of WAP Push. WAP Push is a protocol enabling the delivery of content to a mobile device with no prior user interaction.
Introduced	-

Deprecated	-
Reference	http://www.lasalle.edu/~beatty/430/wireless/toolkit/wap_push_library/pdf/WAP_Push_Tech_Overview.pdf
Global ID	3:2949
ID	726
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

WAP-VCAL

Name/CLI Keyword	wap-vcal
Full Name	WAP vCal
Description	Registered with IANA on port 9205 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:9205
ID	734
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

WAP-VCAL-S

Name/CLI Keyword	wap-vcal-s
Full Name	WAP vCal Secure
Description	Registered with IANA on port 9207 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:9207
ID	736
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

WAP-VCARD

Name/CLI Keyword	wap-vcard
Full Name	WAP vCard
Description	Internet Mail Consortium (IMC) electronic business card.
Introduced	-
Deprecated	-
Reference	http://www.wapforum.org/what/technical/SPEC-WAESpec-19990524.pdf
Global ID	3:9204
ID	733
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

WAP-VCARD-S

Name/CLI Keyword	wap-vcard-s
Full Name	WAP vCard Secure
Description	Registered with IANA on port 9206 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml

Global ID	3:9206
ID	735
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

WAP-WSP

Name/CLI Keyword	wap-wsp
Full Name	WAP connectionless session service
Description	Wireless Session Protocol (WSP) is an open standard for maintaining high level session. Wireless session is a normal Web browsing session that starts when the user connects to one URL and ends when the user leaves that URL. By establishing the session, the session wide properties need only to be defined once at the beginning of the session. This has the benefit of saving bandwidth due to the nature of the wireless communication. The session establishing process does not have lengthy hand shaking mechanisms.
Introduced	-
Deprecated	-
Reference	http://vallejo.cc/proyectos/envio%20sms_files/OMA-WAP-ProvCont-v1_1-20050428-C.pdf
Global ID	3:9200
ID	729
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	wap-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

WAP-WSP-S

Name/CLI Keyword	wap-wsp-s
Full Name	WAP secure connectionless session service
Description	Registered with IANA on port 9202 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:9202
ID	731
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

WAP-WSP-WTP

Name/CLI Keyword	wap-wsp-wtp
Full Name	WAP session service
Description	Wireless Transaction Protocol (WTP) is a standard used in mobile telephony. It is a layer of the Wireless Application Protocol (WAP) that is intended to bring Internet access to mobile phones.
Introduced	-
Deprecated	-
Reference	http://www.openmobilealliance.org/
Global ID	3:9201
ID	730
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

WAP-WSP-WTP-S

Name/CLI Keyword	wap-wsp-wtp-s
Full Name	WAP Secure Session Service
Description	Wireless Transaction Protocol (WTP) is a standard used in mobile telephony. It is a layer of the Wireless Application Protocol (WAP) that is intended to bring Internet access to mobile phones.
Introduced	-

Deprecated	-
Reference	http://www.openmobilealliance.org/
Global ID	3:9203
ID	732
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	wap-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

WAR-ROCK

Name/CLI Keyword	war-rock
Full Name	War Rock Online Gaming
Description	War Rock is a multiplayer first-person shooter made by the South Korean company, Dream Execution. The game is distributed as a free-to-play, a common form of freeware EULA and available through online downloading. Outside of the Far East, the game is hosted by NexonEU.
Introduced	-
Deprecated	-
Reference	http://en.warrock.nexoneu.com/
Global ID	3:5330
ID	1395
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

WARRIORFORUM

Name/CLI Keyword	warriorforum
Full Name	WarriorForum
Description	WarriorForum - Internet Marketing Forums.
Introduced	14.0.0
Deprecated	-
Reference	http://warriorforum.com
Global ID	13:794
ID	1722
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

WASHINGTON-POST

Name/CLI Keyword	washington-post
Full Name	The Washington Post
Description	The Washington Post - American daily newspaper.
Introduced	14.0.0
Deprecated	-
Reference	http://washingtonpost.com
Global ID	13:656
ID	1585
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

WASTE

Name/CLI Keyword	waste
Full Name	Waste
Description	Waste is an encrypted, decentralized peer to peer file sharing client. Users can chat and share files with another, all with strong encryption.
Introduced	-
Deprecated	-
Reference	http://waste.sourceforge.net/

Global ID	13:421
ID	574
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

WB-EXPAK

Name/CLI Keyword	wb-expak
Full Name	Wideband EXPAK
Description	Registered with IANA as IP Protocol 79
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:79
ID	833
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

WB-MON

Name/CLI Keyword	wb-mon
Full Name	Wideband Monitoring
Description	Registered with IANA as IP Protocol 78
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:78
ID	832
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

WCCP

Name/CLI Keyword	wccp
Full Name	WCCP

Description	Web Cache Communication Protocol (WCCP) is a routing-cache protocol developed by Cisco. The protocol localizes network traffic and "intelligently" distributes load across multiple network caches for maximized download performance and content availability. WCCP usually uses TCP/UDP port 2048.
Introduced	-
Deprecated	-
Reference	http://www.cisco.com/en/US/docs/ios/12_0t/12_0t3/feature/guide/wccp.html
Global ID	3:2048
ID	1396
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

WEATHER-COM

Name/CLI Keyword	weather-com
Full Name	Weather.com
Description	Weather.com - Weather Channel web portal.
Introduced	14.0.0
Deprecated	-
Reference	http://weather.com
Global ID	13:636
ID	1565

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

WEATHER-GOV-WEB-PORTAL

Name/CLI Keyword	weather-gov-web-portal
Full Name	Weather.gov
Description	Weather.gov - Weather web portal.
Introduced	14.0.0
Deprecated	-
Reference	http://weather.gov
Global ID	13:770
ID	1700
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False

Traffic-class	transactional-data
Tunnel	False

WEB-ANALYTICS

Name/CLI Keyword	web-analytics
Full Name	Web Analytics
Description	Web and mobile analytics and customer engagement platforms
Introduced	-
Deprecated	-
Reference	https://en.wikipedia.org/wiki/Web_analytics
Global ID	13:1079
ID	1079
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	other
Sub Category	enterprise-cloud-services
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

WEB-RTC

Name/CLI Keyword	web-rtc
Full Name	WebRTC
Description	WebRTC provides browsers and mobile applications with Real-Time Communications (RTC) capabilities.

Introduced	22.0.0
Deprecated	-
Reference	www.webrtc.org
Global ID	13:1768
ID	1054
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

WEB-RTC-AUDIO

Name/CLI Keyword	web-rtc-audio
Full Name	WebRTC Audio
Description	WebRTC provides browsers and mobile applications with Real-Time Communications (RTC) capabilities.
Introduced	22.0.0
Deprecated	-
Reference	www.webrtc.org
Global ID	13:1767
ID	1056
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

WEB-RTC-VIDEO

Name/CLI Keyword	web-rtc-video
Full Name	WebRTC Video
Description	WebRTC provides browsers and mobile applications with Real-Time Communications (RTC) capabilities.
Introduced	22.0.0
Deprecated	-
Reference	www.webrtc.org
Global ID	13:1766
ID	1057
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	voice-and-video
Sub Category	enterprise-voice-collaboration
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

WEBEX-APP-SHARING

Name/CLI Keyword	webex-app-sharing
Full Name	Webex Application Sharing
Description	WebEx-App-Sharing is granular classification of WebEx protocol application sharing traffic, configured with HTTP-proxy.
Introduced	-
Deprecated	-
Reference	http://www.webex.com/
Global ID	13:546
ID	1480
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

WEBEX-AUDIO

Name/CLI Keyword	webex-audio
Full Name	Webex Audio

Description	WebEx is an application that provides online meeting, web conferencing and video conferencing services. It recreates face-to-face meetings with real-time data, application-, audio- and video-sharing capabilities. The underlying protocol Webex uses is SSL. Audio over webex: represents the transfer of audio traffic over the Webex application. Video over webex: represents the transfer of video traffic over the Webex application. Specifies the data type: represents which payload webex is transferring- audio/video.
Introduced	41.0.0
Deprecated	-
Reference	https://www.webex.com/
Global ID	13:1251
ID	1251
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

WEBEX-CONTROL

Name/CLI Keyword	webex-control
Full Name	Webex Control
Description	WebEx-Control is a granular classification of WebEx protocol control and signaling traffic.
Introduced	-
Deprecated	-
Reference	http://www.webex.com/overview/index.html/

Global ID	13:1082
ID	1082
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	False
Encrypted	False
Traffic-class	signaling
Tunnel	False

WEBEX-MEDIA

Name/CLI Keyword	webex-media
Full Name	Webex Media
Description	WebEx-Media is granular classification of WebEx protocol video, audio and file sharing traffic, configured with HTTP-proxy.
Introduced	-
Deprecated	-
Reference	http://www.webex.com/
Global ID	13:545
ID	1479
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing

P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

WEBEX-MEETING

Name/CLI Keyword	webex-meeting
Full Name	WebEx Meeting
Description	WebEx is an application that provides online meeting, web conferencing and video conferencing services. It recreates face-to-face meetings with real-time data, application-, audio- and video-sharing capabilities. The underlying protocol Webex uses is SSL. Audio over webex: represents the transfer of audio traffic over the Webex application. Video over webex: represents the transfer of video traffic over the Webex application. Specifies the data type: represents which payload webex is transferring- audio/video.
Introduced	-
Deprecated	-
Reference	http://www.webex.com/overview/index.html
Global ID	13:414
ID	1306
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

WEBEX-VIDEO

Name/CLI Keyword	webex-video
Full Name	Webex Video
Description	WebEx is an application that provides online meeting, web conferencing and video conferencing services. It recreates face-to-face meetings with real-time data, application-, audio- and video-sharing capabilities. The underlying protocol Webex uses is SSL. Audio over webex: represents the transfer of audio traffic over the Webex application. Video over webex: represents the transfer of video traffic over the Webex application. Specifies the data type: represents which payload webex is transferring- audio/video.
Introduced	41.0.0
Deprecated	-
Reference	https://www.webex.com/
Global ID	13:1250
ID	1250
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	webex-group
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

WEBMD

Name/CLI Keyword	webmd
Full Name	WebMD
Description	WebMD - Health information service.

Introduced	14.0.0
Deprecated	-
Reference	http://webmd.com
Global ID	13:677
ID	1607
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

WEBSENSE

Name/CLI Keyword	websense
Full Name	Websense
Description	Websense is a company specializing in web filtering software. Their software is used by customers to protect their networks from unwanted or inappropriate usage.
Introduced	-
Deprecated	-
Reference	http://www.websense.com/
Global ID	3:15868
ID	1369
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

WEBSTER

Name/CLI Keyword	webster
Full Name	Webster
Description	The webster protocol supports access to a single dictionary and (optionally) to a single thesaurus.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc2229
Global ID	3:765
ID	637
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

WEBTHUNDER

Name/CLI Keyword	webthunder
Full Name	Webthunder
Description	Webthunder is a peer to peer file sharing application. It works over the HTTP protocol and is popular in China.
Introduced	-
Deprecated	-
Reference	http://my.xunlei.com/setup.htm
Global ID	13:445
ID	1055
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	xunlei-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

WECHAT

Name/CLI Keyword	wechat
Full Name	WeChat
Description	WeChat is a comprehensive communication and social media platform developed by Tencent, offering a wide range of services, including messaging, voice and video calls, social networking features and file and location sharing.
Introduced	22.0.0

Deprecated	-
Reference	http://www.wechat.com/
Global ID	13:1037
ID	1037
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

WECHAT-MEDIA

Name/CLI Keyword	wechat-media
Full Name	WeChat Media
Description	WeChat audio and video calls.
Introduced	71.0.0
Deprecated	-
Reference	http://www.wechat.com/
Global ID	13:1408
ID	1408
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant

Category	voice-and-video
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

WEIBO

Name/CLI Keyword	weibo
Full Name	Sina Weibo
Description	Sina Weibo - Chinese microblogging site.
Introduced	14.0.0
Deprecated	-
Reference	http://weibo.com
Global ID	13:461
ID	256
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

WELLS-FARGO

Name/CLI Keyword	wells-fargo
Full Name	Wells Fargo
Description	Wells Fargo - Global financial services company.
Introduced	14.0.0
Deprecated	-
Reference	http://wellsfargo.com
Global ID	13:650
ID	1579
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

WETRANSFER

Name/CLI Keyword	wetransfer
Full Name	WeTransfer
Description	WeTransfer - Online file transferring platform.
Introduced	14.0.0
Deprecated	-
Reference	http://wetransfer.com

Global ID	13:712
ID	1642
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

WHATSAPP

Name/CLI Keyword	whatsapp
Full Name	WhatsApp
Description	WhatsApp Messenger is a proprietary, cross-platform instant messaging application for smartphones. In addition to text messaging, users can send each other images, location, contacts, and video and audio media messages
Introduced	-
Deprecated	-
Reference	http://www.whatsapp.com
Global ID	13:553
ID	1488
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	meta-group
Business Relevance	business-irrelevant
Category	instant-messaging

Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

WHITEPAGES

Name/CLI Keyword	whitepages
Full Name	WhitePages
Description	WhitePages Inc - Business and Peoples Contact directory in United States.
Introduced	14.0.0
Deprecated	-
Reference	http://whitepages.com
Global ID	13:807
ID	1735
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

WHOAMI

Name/CLI Keyword	whoami

Full Name	whoami
Description	Registered with IANA on port 565 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:565
ID	480
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

WHOIS++

Name/CLI Keyword	whois++
Full Name	whois++ Service
Description	WHOIS++ is an extension to the trivial WHOIS service (a TCP transaction based query/response server, running on the SRI-NIC machine, that provides netwide directory service to internet users) to permit WHOIS-like servers to make available more structured information to the Internet.
Introduced	-
Deprecated	-
Reference	http://www.ietf.org/rfc/rfc1835
Global ID	3:63

ID	86
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

WIFI-CALLING

Name/CLI Keyword	wifi-calling
Full Name	Wi-Fi Calling
Description	Wi-Fi Calling uses Wi-Fi to provide better mobile phone coverage of mobile carrier.
Introduced	-
Deprecated	-
Reference	http://www.wificalling.net/
Global ID	13:808
ID	1736
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	ipsec-group
Business Relevance	default
Category	voice-and-video
Sub Category	tunneling-protocols
P2P Technology	False

Encrypted	True
Traffic-class	bulk-data
Tunnel	True

WIKIA

Name/CLI Keyword	wikia
Full Name	Wikia
Description	Wikia - Web portal to contribute and share the knowledge.
Introduced	14.0.0
Deprecated	-
Reference	http://wikia.com
Global ID	13:634
ID	1563
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

WIKIPEDIA

Name/CLI Keyword	wikipedia
Full Name	Wikipedia Related Websites

Description	Wikipedia is a multilingual and free-access Internet encyclopedia that is supported and hosted by the non-profit Wikimedia Foundation.
Introduced	12.0.0
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Wikipedia
Global ID	13:608
ID	1547
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

WINDOWS-AZURE

Name/CLI Keyword	windows-azure
Full Name	Microsoft Windows Azure
Description	Windows Azure is an open and flexible cloud platform that enables users to build, deploy, and manage applications across a global network of Microsoft-managed data centers. Users can build applications using any language tool or framework, and can integrate their public cloud applications with their existing IT environment.
Introduced	-
Deprecated	-
Reference	https://www.windowsazure.com/en-us/
Global ID	13:510

ID	1445
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	backup-and-storage
Sub Category	enterprise-cloud-data-storage
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

WINDOWS-STORE

Name/CLI Keyword	windows-store
Full Name	Microsoft Windows Store
Description	Windows store is an application store operated by Microsoft. It has free and paid applications, as well as desktop and mobile applications written for Windows and Windows mobile.
Introduced	11.0.0
Deprecated	-
Reference	http://www.windowsstore.com/
Global ID	13:590
ID	1529
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	software-updates
Sub Category	other

P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

WINDOWS-UPDATE

Name/CLI Keyword	windows-update
Full Name	Windows Update
Description	Windows Update is a Control Panel applet found in recent versions of Microsoft Windows that provides updates for the operating system and related components, such as definition updates to the Windows Defender anti-spyware product and Junk Mail filter updates for Windows Mail. It uses HTTP and SSL protocols as underlying protocols.
Introduced	-
Deprecated	9.0.0
Reference	http://technet.microsoft.com/en-us/library/cc732448%28WS.10%29.aspx
Global ID	13:415
ID	1307
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

WINMX

Name/CLI Keyword	winmx
Full Name	WinMX
Description	WinMX is a freeware peer-to-peer file sharing client developed by Frontcode Technologies in 2001. It runs on Windows OS.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/WinMX
Global ID	13:68
ID	68
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

WINNY

Name/CLI Keyword	winny
Full Name	Winny
Description	Winny is a Japanese Peer to Peer file sharing protocol which works on windows OS. The protocol is based on WinMX.
Introduced	-
Deprecated	-

Reference	http://arufa.wordpress.com/2008/08/10/winnys-protocol-handshake/
Global ID	13:469
ID	372
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

WIRED-COM

Name/CLI Keyword	wired-com
Full Name	Wired.com
Description	Wired.com - Online magazine.
Introduced	14.0.0
Deprecated	-
Reference	http://wired.com
Global ID	13:697
ID	1627
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing

Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

WIREGUARD

Name/CLI Keyword	wireguard
Full Name	WireGuard
Description	WireGuard is a communication protocol for encrypted VPN.
Introduced	61.0.0
Deprecated	-
Reference	https://www.wireguard.com
Global ID	13:1276
ID	1276
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	anonymizers
Sub Category	tunneling-protocols
P2P Technology	True
Encrypted	True
Traffic-class	bulk-data
Tunnel	True

WLCCP

Name/CLI Keyword	wlccp

Full Name	WLCCP
Description	Wireless LAN Context Control Protocol (WLCCP) is used by Cisco wireless access points and servers to manage a multiple access point wireless infrastructure called Wireless Domain Services (WDS).
Introduced	-
Deprecated	-
Reference	http://www.google.com/patents/US20050220054
Global ID	3:2887
ID	1397
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

WORDREFERENCE-COM

Name/CLI Keyword	wordreference-com
Full Name	WordReference.com
Description	WordReference.com - Online dictionaries, translator and word games.
Introduced	14.0.0
Deprecated	-
Reference	http://wordreference.com
Global ID	13:674
ID	1604

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

WORKDAY

Name/CLI Keyword	workday
Full Name	Workday
Description	Workday, Inc. is an on-demand (cloud-based) financial management and human capital management software vendor.
Introduced	35.0.0
Deprecated	-
Reference	https://www.workday.com/
Global ID	13:1186
ID	1186
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	workday-group
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	enterprise-cloud-services
P2P Technology	False
Encrypted	True

Traffic-class	transactional-data
Tunnel	False

WORLDFUSION

Name/CLI Keyword	worldfusion
Full Name	World Fusion
Description	Registered with IANA on port 2595 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:2595
ID	719
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

WORLDSTARHIPHOP

Name/CLI Keyword	worldstarhiphop
Full Name	WorldstarHipHop
Description	WorldstarHipHop - Entertainment, hip hop, music videos and blogs.

Introduced	14.0.0
Deprecated	-
Reference	http://worldstarhiphop.com
Global ID	13:804
ID	1732
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

WPGS

Name/CLI Keyword	wpgs
Full Name	WPGS
Description	Registered with IANA on port 780 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:780
ID	651
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

WS-DISCOVERY

Name/CLI Keyword	ws-discovery
Full Name	WS-Discovery
Description	Web Services Dynamic Discovery (WS-Discovery) is a multicast discovery protocol for locating services. For example, a client can use WS-Discovery to multicast to a group a message probing for a specific service. In turn, servers that provide the service can respond to the message.
Introduced	70.0.0
Deprecated	-
Reference	http://docs.oasis-open.org/ws-dd/discovery/1.1/os/wsdd-discovery-1.1-spec-os.html
Global ID	13:1804
ID	1804
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt

Tunnel	False

WSN

Name/CLI Keyword	wsn
Full Name	Wang Span Network
Description	Registered with IANA as IP Protocol 74
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/protocol-numbers/protocol-numbers.xml
Global ID	1:74
ID	828
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

WUNDERGROUND-COM

Name/CLI Keyword	wunderground-com
Full Name	Weather Underground
Description	Weather Underground - Weather web portal.
Introduced	14.0.0
Deprecated	-

Reference	http://wunderground.com
Global ID	13:702
ID	1632
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

CHAPTER 28

Protocols: X

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X-BONE-CTL

Name/CLI Keyword	x-bone-ctl
Full Name	Xbone CTL

Description	The X-Bone is a system for the automated deployment, management, coordination, and monitoring of IP overlay networks. Its core is composed of Overlay Managers (OM) which deploy and coordinate the overlay itself, and Resource Daemons (RD), which coordinate the resources of individual network components. The X-Bone Control protocol is used for exchanges between the Overlay Manager and the Resource Daemons.
Introduced	-
Deprecated	-
Reference	http://www.isi.edu/xbone/information/architecture.html#ctl
Global ID	3:265
ID	1137
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

XACT-BACKUP

Name/CLI Keyword	xact-backup
Full Name	X-Act-Backup
Description	X-Act-Backup, Registered with IANA on port 911 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:911

ID	667
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	backup-and-storage
Sub Category	backup-systems
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

XBOX-WEB-PORTAL

Name/CLI Keyword	xbox-web-portal
Full Name	Xbox Live
Description	Xbox Live - Microsoft online gaming service.
Introduced	14.0.0
Deprecated	-
Reference	http://xbox.com
Global ID	13:779
ID	1707
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False

Encrypted	False
Traffic-class	transactional-data
Tunnel	False

XDA-DEVELOPERS

Name/CLI Keyword	xda-developers
Full Name	XDA-Developers
Description	XDA-Developers - Large online community of smart phone and tablet developers.
Introduced	14.0.0
Deprecated	-
Reference	http://xda-developers.com
Global ID	13:705
ID	1635
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

XDMCP

Name/CLI Keyword	xdmcp
Full Name	XDMCP

Description	In the X Window System, an X display manager runs as a program that allows the starting of a session on an X server from the same or another computer.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/X_display_manager_(program_type)
Global ID	3:177
ID	109
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

XDTP

Name/CLI Keyword	xdtp
Full Name	XDTP
Description	Xpress Transport Protocol (XTP) is a transport layer protocol for high-speed networks promoted by the XTP Forum developed to replace TCP. XTP provides protocol options for error control, flow control, and rate control. Instead of separate protocols for each type of communication, XTP controls packet exchange patterns to produce different models, e.g. reliable datagrams, transactions, unreliable streams, and reliable multicast connections.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Xpress_Transport_Protocol
Global ID	3:3088

ID	741
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

XFER

Name/CLI Keyword	xfer
Full Name	Xfer Utility
Description	The Xfer utility is used by domain name servers (DNS) to perform zone transfers.
Introduced	-
Deprecated	-
Reference	http://docs.oracle.com/cd/E19048-01/chorus5/806-7012/6jftqmea6/index.html
Global ID	3:82
ID	955
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False

Encrypted	False
Traffic-class	bulk-data
Tunnel	False

XFIRE

Name/CLI Keyword	xfire
Full Name	Xfire Instant Messaging Service
Description	Xfire is a proprietary freeware instant messaging service for gamers, that also serves as a game server browser and has various other features. It is currently available for Microsoft Windows.
Introduced	-
Deprecated	-
Reference	http://www.xfire.com/
Global ID	3:25999
ID	1371
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	gaming
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

XINHUANET

Name/CLI Keyword	xinhuanet

Full Name	The Xinhuanet
Description	The Xinhuanet - Chinese official website for the news agency Xinhua.
Introduced	14.0.0
Deprecated	-
Reference	http://xinhuanet.com
Global ID	13:622
ID	1539
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

XMPP-CLIENT

Name/CLI Keyword	xmpp-client
Full Name	XMPP Client Connection
Description	Extensible Messaging and Presence Protocol (XMPP) is an open-standard communications protocol for message-oriented middleware based on XML. The protocol was originally named Jabber, and was developed for near-real-time, extensible instant messaging (IM), presence information, and contact list maintenance. The protocol today is also used in VoIP and file transfer signaling.
Introduced	-
Deprecated	-
Reference	http://xmpp.org/xmpp-software/clients/
Global ID	3:5222

ID	1323
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

XNET

Name/CLI Keyword	xnet
Full Name	Cross Net Debugger
Description	Cross Net Debugger allows a programmer at one computer on a network to debug a program which executes on another computer.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc685
Global ID	1:15
ID	770
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned

Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

XNS-AUTH

Name/CLI Keyword	xns-auth
Full Name	XNS Authentication
Description	Xerox Network Services(XNS) is a protocol suite developed by Xerox within the Xerox Network Systems Architecture. It provided general purpose network communications, internetwork routing and packet delivery, including higher level functions such as a reliable stream, and remote procedure calls. XNS predated and influenced the development of the Open Systems Interconnection (OSI) networking model
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/Xerox_Network_Systems
Global ID	3:56
ID	936
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	xns-xerox-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	authentication-services
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

XNS-CH

Name/CLI Keyword	xns-ch
Full Name	XNS Clearinghouse
Description	Xerox Network Services Clearinghouse (XNS Clearinghouse) is part of the XNS network protocol suite, used by Xerox to provide network services such as mail, filing, directory, and authentication for the installed base of Xerox workstations.
Introduced	-
Deprecated	-
Reference	http://tools.ietf.org/html/rfc1491
Global ID	3:54
ID	934
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	xns-xerox-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

XNS-COURIER

Name/CLI Keyword	xns-courier
Full Name	Xerox

Description	Xerox Network Services (XNS) Courier is a remote procedure call protocol above which run Application protocols of XNS protocol suite. This suite provided general purpose network communications, internetwork routing and packet delivery, including higher level functions such as a reliable stream, and remote procedure calls. XNS predated and influenced the development of the Open Systems Interconnect (OSI) networking model.
Introduced	-
Deprecated	-
Reference	http://www.pulsewan.com/data101/pdfs/xns.pdf
Global ID	3:165
ID	1010
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	xns-xerox-group
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

XNS-IDP

Name/CLI Keyword	xns-idp
Full Name	Xerox IDP

Description	Internet Datagram Protocol (IDP) is a simple, unreliable datagram protocol, which is used to support the SOCK_DGRAM abstraction for the Internet Protocol (IP) family. IDP sockets are connectionless and normally used with the sendto and recvfrom subroutines. The connect subroutine can also be used to fix the destination for future packets, in which case the recv or read subroutine and the send or write subroutine can be used. Xerox protocols (XNS protocol suite) are built vertically on top of IDP. Thus, IDP address formats are identical to those used by the Sequenced Packet Protocol (SPP). The IDP port space is the same as the SPP port space; that is, an IDP port may be connected to an SPP port, with certain options enabled. In addition, broadcast packets may be sent (assuming the underlying network supports this) by using a reserved broadcast address. This address is network interface-dependent.
Introduced	-
Deprecated	-
Reference	http://www.javvin.com/protocolIDP.html
Global ID	1:22
ID	776
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	xns-xerox-group
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

XNS-MAIL

Name/CLI Keyword	xns-mail
Full Name	XNS mail
Description	XNS Mail is part of the Xerox Network Services (XNS) protocol suit, which provides general purpose network communications.

Introduced	-
Deprecated	-
Reference	http://www.pulsewan.com/data101/pdfs/xns.pdf
Global ID	3:58
ID	937
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	xns-xerox-group
Business Relevance	business-relevant
Category	email
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

XNS-TIME

Name/CLI Keyword	xns-time
Full Name	XNS Time Protocol
Description	Xerox Network Services Time Protocol (XNS Time Protocol) provides the time at the specific server, along with additional information enabling the client to deduce the time in his or her own time zone. XNS Time Protocol is part of the XNS network protocol suite, used by Xerox to provide mail, filing, directory, authentication, etc. network services for the installed base of Xerox workstations.
Introduced	-
Deprecated	-
Reference	http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.15.423
Global ID	3:52
ID	932
IPv4 Support	Yes

IPv6 Support	Yes
Application Group	xns-xerox-group
Business Relevance	business-relevant
Category	net-admin
Sub Category	network-management
P2P Technology	False
Encrypted	False
Traffic-class	ops-admin-mgmt
Tunnel	False

XTP

Name/CLI Keyword	xtp
Full Name	XTP
Description	Xpress Transport Protocol (XTP) is a transport layer protocol developed by the XTP Forum for high-speed networks, to replace TCP. XTP provides protocol options for error control, flow control, and rate control. Instead of separate protocols for each type of communication, XTP controls packet exchange patterns to produce different models, e.g. reliable datagrams, transactions, unreliable streams, and reliable multicast connections.
Introduced	-
Deprecated	-
Reference	http://www.ccii.co.za/products/xtp.html
Global ID	1:36
ID	790
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other

P2P Technology	unassigned
Encrypted	unassigned
Traffic-class	bulk-data
Tunnel	unassigned

XUNLEI

Name/CLI Keyword	xunlei
Full Name	Xunlei
Description	Xunlei is a download manager and p2p sharing application. it supports bittorent, edonkey, http and ftp. xunlei also boost download speed using multi source technology.
Introduced	-
Deprecated	-
Reference	http://www.kankan.com/
Global ID	13:537
ID	1471
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	xunlei-group
Business Relevance	business-irrelevant
Category	consumer-file-sharing
Sub Category	p2p-file-transfer
P2P Technology	True
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

XUNLEI-KANKAN

Name/CLI Keyword	xunlei-kankan
Full Name	Xunlei Kankan
Description	Xunlei Kankan is a Chinese video sharing website and desktop application. It enables the user to watch high quality video content, available on windows android and iOS.
Introduced	-
Deprecated	-
Reference	http://www.kankan.com/
Global ID	13:538
ID	1472
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	xunlei-group
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	True
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

XVTTP

Name/CLI Keyword	xvttp
Full Name	Xvttp
Description	Registered with IANA on port 508 TCP/UDP
Introduced	-
Deprecated	-

Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:508
ID	422
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

XWINDOWS

Name/CLI Keyword	xwindows
Full Name	X-Windows Remote Access
Description	The X windows system is a computer software system and network protocol that provides a basis for graphical user interfaces (GUIs) and rich input device capability for networked computers. It creates a hardware abstraction layer where software is written to use a generalized set of commands, allowing for device independence and reuse of programs on any computer that implements X windows.
Introduced	-
Deprecated	-
Reference	http://en.wikipedia.org/wiki/X_Window_System
Global ID	3:6000
ID	45
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-relevant
Category	business-and-productivity-tools
Sub Category	desktop-virtualization
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

XYPLEX-MUX

Name/CLI Keyword	xyplex-mux
Full Name	Xyplex
Description	Registered with IANA on port 173 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:173
ID	1018
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

CHAPTER 29

Protocols: Y

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YAHOO

Name/CLI Keyword	yahoo
Full Name	Yahoo
Description	yahoo.com site browsing
Introduced	11.0.0
Deprecated	-
Reference	http://www.yahoo.com
Global ID	13:831
ID	1761
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant

Category	browsing
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

YAHOO-ACCOUNTS

Name/CLI Keyword	yahoo-accounts
Full Name	Yahoo Accounts
Description	Yahoo Accounts is a protocol that covers the traffic of user login into one of multiple web services offered by Yahoo!
Introduced	-
Deprecated	-
Reference	http://login.yahoo.com
Global ID	13:533
ID	1083
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	yahoo-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

YAHOO-MAIL

Name/CLI Keyword	yahoo-mail
Full Name	Yahoo! Mail
Description	Yahoo! Mail is a free e-mail service offered by the American search engine company Yahoo!. It was inaugurated in 1997.Yahoo! Mail was the second largest web-based email service with 310 million users as of October 2011, and the most popular webmail service in the United States.
Introduced	-
Deprecated	-
Reference	http://mail.yahoo.com
Global ID	13:526
ID	1462
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	yahoo-group
Business Relevance	business-irrelevant
Category	consumer-internet
Sub Category	consumer-web-browsing
P2P Technology	False
Encrypted	True
Traffic-class	bulk-data
Tunnel	False

YAHOO-MESSENGER

Name/CLI Keyword	yahoo-messenger
Full Name	Yahoo Messenger
Description	Yahoo messenger is an all-in-one communication tool that uses client-server architecture. The application includes multiple features: instant messaging, phone calls, synchronized online address book, webcam, gaming, emailing and online radio stations.

Introduced	-
Deprecated	-
Reference	http://messenger.yahoo.com/web/
Global ID	13:77
ID	77
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	yahoo-messenger-group
Business Relevance	business-irrelevant
Category	instant-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

YAHOO-MESSENGER-VIDEO

Name/CLI Keyword	yahoo-messenger-video
Full Name	Yahoo Messenger Video
Description	Yahoo Messenger Video is a feature included in Yahoo Messenger. It uses the webcam to allow users to make private video calls and wide broadcasts.
Introduced	11.0.0
Deprecated	-
Reference	https://messenger.yahoo.com/features/webcam/
Global ID	13:594
ID	1533
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	yahoo-messenger-group

Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-conferencing
Tunnel	False

YAHOO-VOIP-MESSENGER

Name/CLI Keyword	yahoo-voip-messenger
Full Name	Yahoo VoIP Messenger
Description	Yahoo VoIP Messenger is a feature included in Yahoo Messenger. It allows users to make calls PC to PC or PC to landline/mobile. The underlying protocols are SIP, SSL, STUN-NAT,RTP.
Introduced	-
Deprecated	-
Reference	http://messenger.yahoo.com/features/voice/
Global ID	13:422
ID	674
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	yahoo-messenger-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	voip-telephony
Tunnel	False

YAHOO-VOIP-OVER-SIP

Name/CLI Keyword	yahoo-voip-over-sip
Full Name	Yahoo VoIP over SIP
Description	As a feature of Yahoo messenger, starting from version 8 and above, Yahoo voice uses SIP protocol to commence VoIP calls.
Introduced	-
Deprecated	-
Reference	http://messenger.yahoo.com/
Global ID	13:302
ID	1195
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	yahoo-messenger-group
Business Relevance	business-irrelevant
Category	consumer-messaging
Sub Category	consumer-multimedia-messaging
P2P Technology	False
Encrypted	False
Traffic-class	voip-telephony
Tunnel	False

YANDEX

Name/CLI Keyword	yandex
Full Name	Yandex
Description	Yandex - Russian search engine.
Introduced	14.0.0
Deprecated	-
Reference	http://yandex.ru

Global ID	13:611
ID	760
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

YELLOWPAGES-US

Name/CLI Keyword	yellowpages-us
Full Name	Yellow Pages
Description	Yellow Pages - Online directory and Mapping services.
Introduced	14.0.0
Deprecated	-
Reference	http://yellowpages.com
Global ID	13:799
ID	1727
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other

P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

YOUKU

Name/CLI Keyword	youku
Full Name	Youku
Description	Youku - Chinese video hosting and sharing service.
Introduced	14.0.0
Deprecated	-
Reference	http://youku.com
Global ID	13:623
ID	1546
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

YOUTUBE

Name/CLI Keyword	youtube
Full Name	Youtube

Description	YouTube is a video-sharing website. The user can watch videos or upload videos online to share with other users. Youtube works cross platform on: PC, iPhone, Android and BlackBerry. Youtube is using HTTP and RTSP as underlying protocols.
Introduced	-
Deprecated	-
Reference	http://www.youtube.com/t/about_youtube
Global ID	13:82
ID	82
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	google-group
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-streaming
Tunnel	False

CHAPTER 30

Protocols: Z

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Z39.50

Name/CLI Keyword	z39.50
Full Name	Z39.50
Description	Z39.50 is a client-server protocol for searching and retrieving information from remote computer databases.
Introduced	-
Deprecated	-
Reference	http://www.iso.org/iso/catalogue_detail.htm?csnumber=27446
Global ID	3:210
ID	1108
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other

Business Relevance	business-relevant
Category	database
Sub Category	enterprise-transactional-apps
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ZANNET

Name/CLI Keyword	zannet
Full Name	Zannet
Description	Registered with IANA on port 317 TCP/UDP
Introduced	-
Deprecated	-
Reference	http://www.iana.org/assignments/service-names-port-numbers/service-names-port-numbers.xml
Global ID	3:317
ID	1157
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	file-sharing
Sub Category	file-transfer
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ZATTOO

Name/CLI Keyword	zattoo
Full Name	Zattoo
Description	Zattoo is an online TV service that works on peer to peer technology over a broadband connection. Zattoo works on multiple devices: computer, iPhone, iPod touch or iPad and on various OS: Windows XP, Mac and Linux.
Introduced	-
Deprecated	-
Reference	http://zattoo.com/en/about-zattoo/what-is-zattoo
Global ID	13:428
ID	115
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	consumer-streaming
Sub Category	consumer-video-streaming
P2P Technology	False
Encrypted	False
Traffic-class	multimedia-streaming
Tunnel	False

ZENDESK

Name/CLI Keyword	zendesk
Full Name	Zendesk
Description	Zendesk - Customer support web application.
Introduced	14.0.0
Deprecated	-

Reference	http://zendesk.com
Global ID	13:685
ID	1615
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	zendesk-group
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ZILLOW

Name/CLI Keyword	zillow
Full Name	Zillow
Description	Zillow - Online portal for Real Estate.
Introduced	14.0.0
Deprecated	-
Reference	http://zillow.com
Global ID	13:654
ID	1583
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing

Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ZIPPYSHARE

Name/CLI Keyword	zippyshare
Full Name	Zippyshare
Description	Zippyshare - File hosting site.
Introduced	14.0.0
Deprecated	-
Reference	http://zippyshare.com
Global ID	13:722
ID	1652
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False

ZOHO-SERVICES

Name/CLI Keyword	zoho-services

Full Name	Zoho Services
Description	Zoho information technology and business management services. The main services are: CRM, mail, creator, reports, meeting, chat, docs, books, notebooks, sheet, wiki, people, recruit, invoice, Survey and projects.
Introduced	35.0.0
Deprecated	-
Reference	www.zoho.com
Global ID	13:1183
ID	1183
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	zoho-crm-group
Business Relevance	business-relevant
Category	other
Sub Category	enterprise-cloud-services
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

ZOOM-MEETINGS

Name/CLI Keyword	zoom-meetings
Full Name	Zoom Meetings
Description	Zoom Meetings - Enterprise Video Conferencing and Web Conferencing
Introduced	33.0.0
Deprecated	-
Reference	https://zoom.us/
Global ID	13:1130
ID	1130

IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True
Traffic-class	multimedia-conferencing
Tunnel	False

ZOOM-PHONE

Name/CLI Keyword	zoom-phone
Full Name	Zoom Phone
Description	Zoom Phone is a VoIP phone system for businesses.
Introduced	63.0.0
Deprecated	-
Reference	https://zoom.us/
Global ID	13:1281
ID	1281
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	voice-and-video
Sub Category	enterprise-media-conferencing
P2P Technology	False
Encrypted	True

Traffic-class	multimedia-conferencing
Tunnel	False

ZSCALER

Name/CLI Keyword	zscaler
Full Name	Zscaler
Description	Zscaler is a cloud based service that provides secure access to locally hosted and external applications
Introduced	58.0.0
Deprecated	-
Reference	https://www.zscaler.com
Global ID	13:1275
ID	1275
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	business-relevant
Category	internet-security
Sub Category	enterprise-cloud-services
P2P Technology	False
Encrypted	True
Traffic-class	transactional-data
Tunnel	False

ZSERV

Name/CLI Keyword	zserv
Full Name	Zebra Server

Description	zserv is the server for the ZFTP file transfer program which supports the transfer of ZEBRA RZ formatted files.
Introduced	-
Deprecated	-
Reference	http://linux.die.net/man/8/zserv
Global ID	3:346
ID	763
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Business Relevance	default
Category	other
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	bulk-data
Tunnel	False

ZULILY

Name/CLI Keyword	zulily
Full Name	Zulily
Description	Zulily - Online shopping aimed for Moms apparel and home decor items.
Introduced	14.0.0
Deprecated	-
Reference	http://zulily.com
Global ID	13:751
ID	1681
IPv4 Support	Yes
IPv6 Support	Yes

Application Group	other
Business Relevance	business-irrelevant
Category	browsing
Sub Category	other
P2P Technology	False
Encrypted	False
Traffic-class	transactional-data
Tunnel	False