Cisco Secure Network Analytics

Default Application Definitions 7.5.0

Secure Network Analytics Default Application Definitions

The table in this document lists the default Cisco Secure Network Analytics (formerly Stealthwatch) applications defined on the Custom Applications page in the Web App. The intended audience for this document includes users who want a clearer understanding of what comprises a default application that Secure Network Analytics monitors.

In the table below, the number in parentheses after the application name is a unique identifier (UID).

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
3com AMP3	3com AMP3 (719)		Registered with IANA on port 629 TCP/UDP.
3com TSMUX	3com TSMUX (720)		Registered with IANA on port 106 TCP/UDP.
ACAP	ACAP (722)		The Application Configuration Access Protocol (ACAP) is a protocol for storing and synchronizing general configuration and preference data. It was originally

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			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.
AccessBuilder	AccessBuilder (724)		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

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			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.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
ActiveX	ActiveX (257)		ActiveX is a software framework created by Microsoft that adapts its earlier Component Object Model (COM) and Object Linking and Embedding (OLE) technologies for content downloaded from a network, particularly in the context of the World Wide Web. It was introduced in 1996 and is commonly used in its Windows operating system.
Adobe Connect	Adobe Connect (265)		A web conferencing platform for web meetings, eLearning, and webinars.

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
Adobe EchoSign	Adobe EchoSign (713)		EchoSign is a web-based electronic signature and enterprise content management system with specific focus on the document management and verification life-cycle. Its major features center on document signing, tracking and filing. It supports signing by email (e signature) or by fax.
Adobe Services	Adobe Services (1042)		Adobe Services are services that sync files and services in the Adobe product suite.
Adult Site	Adult Site (1158)		Adult sites.

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Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
AFS	AFS (573)		A distributed networked file system similar to NFS Sources of id: Palo Alto Networks, Packetshaper.
Akamai Cloud	Akamai Cloud (873)		Akamai Cloud is a global content delivery network.
Alibaba	Alibaba (746)		An online business-to-business trading platform for small businesses.
AliExpress	AliExpress (1175)		AliExpress is an online retail service based in China that is owned by the Alibaba Group.
ALPES	ALPES (731)		ALPES is a client server protocol build

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			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.
Amazon Alexa	Amazon Alexa (1136)		Alexa is a virtual assistant AI technology developed by Amazon.
Amazon Appstore	Amazon Appstore (1135)		The Amazon Appstore for Android is an app store for the Android operating system operated by

| Name | Application Criteria | | Description |
	Secure Network Analytics Classification	Port/Protocol	
			Amazon.com.
Amazon AWS	Amazon AWS (1138)		Amazon Web Services is a subsidiary of Amazon providing on-demand cloud computing platforms and APIs to individuals, companies, and governments, on a metered pay-as-you-go basis.
Amazon Chime	Amazon Chime (863)		Amazon Chime is an enterprise collaboration service from Amazon Web Services.
Amazon Cloud	Amazon Cloud (769)		Amazon Cloud services.
Amazon Drive	Amazon Drive (888)		Amazon Drive,

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			formerly known as Amazon Cloud Drive, is a cloud storage application managed by Amazon.
Amazon Echo	Amazon Echo (1137)		Amazon Echo (shortened to Echo) is a brand of smart speakers developed by Amazon.
Amazon Prime Music	Amazon Prime Music (1134)		Amazon Music is a music streaming platform and online music store operated by Amazon.
Amazon Prime Video	Amazon Prime Video (842)		Prime Video, also marketed as Amazon Prime Video, is an Internet video on demand service that is developed, owned,

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			and operated by Amazon.
Amazon Redshift	Amazon Redshift (1140)		Amazon Redshift is a data warehouse product which forms part of the larger cloud-computing platform Amazon Web Services.
Amazon S3	Amazon S3 (1139)		Amazon S3 or Amazon Simple Storage Service is a service offered by Amazon Web Services that provides object storage.
Amazon Shopping	Amazon Shopping (1160)		Online shopping marketplace.
AMInet	AMInet (733)		AMInet Protocol is

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			used for communication and control of Alcorn McBride Inc. products.
Apple AirPlay	Apple Airplay (1147)		AirPlay is a proprietary protocol stack/suite developed by Apple Inc. that allows wireless streaming between devices of audio, video, device screens, and photos, together with related metadata.
Apple App Store	Apple App Store (1146)		The App Store is a digital distribution platform, developed and maintained by Apple Inc., for mobile apps on its iOS &

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			iPadOS operating systems.
Apple Game Center	Apple Game Center (1170)		Apple Game Center is an online multiplayer social gaming network released by Apple Inc. It allows users to invite friends to play a game, start a multiplayer game through matchmaking, track their achievements, and compare their high scores on a leader board. Source of ID: Palo Alto Networks
Apple GameKit	Apple GameKit (1161)		GameKit is a group of APIs from Apple to simplify implementation of

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			gaming features like leaderboards, achievements, and online matches.
Apple Geolocation	Apple Geolocation (878)		A service provided by Apple Inc. that enables users to track the locations of iOS, iPadOS, MacOS, WatchOS devices and AirPods.
Apple iMessage	Apple iMessage		iMessage is an instant messaging service developed by Apple Inc.
Apple Maps	Apple Maps (877)		Apple Maps is a web mapping service developed by Apple Inc. It is the default map system of iOS, iPadOS, macOS, and

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			watchOS.
Apple Music	Apple Music (757)		Apple Music is a music and video streaming service developed by Apple Inc.
Apple Pay	Apple Pay (1194)		Apple Pay.
Apple Push Notification	Apple Push Notification		Apple Push Notification service 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.
Apple Remote Desktop	Apple Remote Desktop (1148)		Apple Remote Desktop is an

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			application that allows you to remotely manage the Mac computers on your network.
Apple Services	Apple Services (864)		Apple Services are application programming interfaces developed by Apple which allow communication with Apple Services and their integration to other services.
Apple TV Plus	Apple TV Plus (1153)		Apple TV+ is a subscription video on demand web television service of Apple Inc.
Apple TV Updates	Apple TV Updates (735)		AppleTV updates is a service that provides

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			updates for the AppleTV operating system and its installed components.
Apple VPP	Apple VPP (4)		The Volume Purchase Program makes it simple to find, buy, and distribute apps and select books in bulk for your institution, so you can provide great content to your students, instructors etc.
AppleTalk	AppleTalk (1195)		AppleTalk.
Atlassian	Atlassian (1196)		Atlassian.
authentication	Accountkit (1089) Active Directory (256) Kerberos (47) LDAP (43) NTLM (763) Other authentication (408) Other Directory Services (582) Palo Alto (410) PowerBroker (411) SiteMinder		Access control technologies.

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
	(413) TACACS (174)		
Backblaze	Backblaze (1121)		Backblaze is a data storage provider.
Banking	Banking (1187)		Banking site.
Bitbucket	Bitbucket-base (714) bitbucket-uploading (715)		Bitbucket is a web-based hosting service for projects that use either the Mercurial or Git revision control systems for their source code repositories. This app-id controls uploading activities by bitbucket using https protocol. To enforce policies on bitbucket, respective repositories must be allowed. In other words, if bitbucket is

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			used with GIT, git-base must be allowed. Alternately if it is used with Mercurial, mercurial-base must be allowed.
Bitcoin	Bitcoin (895)		Bitcoin is a cryptocurrency.
BitTorrent	BitTorrent (30)		BitTorrent is a communication protocol for peer-to-peer file sharing.
Blackberry	Blackberry (167)		The BlackBerry is a line of wireless handheld devices and services. A BlackBerry can shoot video, take photos, play music, and perform online

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			functions such as web-browsing and emailing. They can also send and receive push email and instant messages while maintaining a high level of security through on-device message encryption, and are designed to function as personal digital assistants.
Blackboard	Blackboard (1124)		Blackboard is a virtual learning environment and learning management system developed by Blackboard Inc.
BlueJeans	BlueJeans (1116)		BlueJeans provides an interoperable cloud-based video

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			conferencing service that connects participants across a wide range of devices and conferencing platforms.
Box	Box (742)		Box, Inc. (formerly Box.net), is an American internet company. The company focuses on cloud content management and file sharing service for businesses.
business systems	360 Total Security (891) AirBnB (867) Akamai Cloud (873) Altiris (544) Antivirus (549) APC PowerChute (499) apt-get (545) Auth0 (880) AutoDesk (594) Base CRM (595) Branch (1103) Cedexis (893) Check Point CPMI (546) CME (945) CommVault (547) CVS (501) Digicel TopUp (866) distcc (502) Fubon E-Broker (752) Funk (1044) Git (503) Hightail (868) KACE (548) LearningHub-online (886) Limelight Cloud		Business system applications help businesses meet customer demands for fast and reliable delivery of services.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
	(874) Livelink (505) LivePerson (506) Lyft (871) management (542) Mapbox (892) Middleware (588) Mitake (749) Mixpanel (1058) Nagios (550) NetBotz (551) Norton Security (764) other business (498) Parsely (1107) Perforce (507) Reuters (508) software update (568) StackPath Cloud (885) storage backup (570) Stratum Mining (897) Subversion (511) Symantec (894) synology (778) TomTom (869) Tripadvisor (870) Trulia (872) Uber (758) Wish (879) Yandex Maps (950) Yandex Navigator (946) Zero (896) ZeroMQ (898)		
Buzzsaw	Buzzsaw (599)		Buzzsaw® is data management software as a service (SaaS) that helps enable Building Information Modeling (BIM) workflows. It includes tools for documentation, modeling, and data management, and it is integrated with the Autodesk portfolio of

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			design and data management solutions. Access Buzzsaw securely from your desktop, the web, or your mobile device.
Callidus	Callidus (600)		CallidusCloud is a cloud-based sales, marketing and learning solution.
Canvas	Canvas (1125)		Canvas a line of learning management software. Source of ID: Palo Alto Networks.
Chinese Web Site	Chinese Web Site (1186)		Chinese Web Site.
Cisco Comms and Streaming	Cisco Comms and Streaming (1197)		Cisco Comms and Streaming.

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
Cisco Network.	Cisco Network (1198)		Cisco Network.
Citrix	Citrix (31)		Citrix Systems, Inc. is an American multinational software company founded in 1989, that provides server and desktop virtualization, networking, software-as-a-service (SaaS), and cloud computing technologies, including Xen open source products.
Citrix-ica (unclassified)	Citrix-ica (unclassified)		Applications using the ports/protocols normally associated with Citrix Independent Computing Architecture (Citrix

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			ICA).
Clash of Clans	Clash of Clans (1122)		Clash of Clans is a freemium mobile strategy video game.
Clash Royale	Clash Royale (795)		Clash Royale is a freemium real-time strategy video game.
Clearcase	Clearcase (136)		The Rational ClearCase family consists of several software tools for supporting software configuration management (SCM) of source code and other software development assets. It is developed by the Rational Software division of IBM. ClearCase forms the

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			base for configuration management for many large and medium sized businesses and can handle projects with hundreds or thousands of developers.
Clearslide	Clearslide (601)		Live Pitch & Screen Share. ClearSlide's Live Pitch allows you to start a presentation in one click. A customized link from which you can present presentations, HD video, live screen share. Viewer joins by typing viewer's link into their browser. No download software or

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			plugins to view presentations.
Cloud storage & computing services	iCloud (751) Google Drive (744) Amazon Cloud (769)		A cloud storage application or platform that allows customers to build and host applications and websites, store data, analyze data, back up files, share files, print photos, and more.
Cloud9	Cloud9 (726)		Cloud9 provides an open source integrated development environment in the cloud. It supports more than 40 languages. Collaborate with their peers with

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			collaborative coding features, and web development features.
Cloudflare	Cloudflare (876)		Cloudflare provides content-delivery-network (CDN), DDoS mitigation, and Internet security services.
Collaboration	Foursquare (560) FriendFeed (561) GooglePlus (562) Hi5 (563) internet conferencing (520) Join Me (521) Live Meeting (522) LotusLive (419) Other collaboration (584) Plaxo (565) SecureMeeting (523) social business (558) social networking (559) Tumblr (576) web posting (571)		Collaborative software or groupware is application software designed to help people involved in a common task achieve goals.
Concur	Concur (500)		SAP Concur is an American SaaS company, providing

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			travel and expense management services to businesses. Source of id: Palo Alto Networks.
Confluence	Confluence (1183)		Confluence is team collaboration software. Source of id: Palo Alto Networks.
Corporate email	Exchange (63) IMAP (34) LotusNotes (218) other email (249) OutlookMobile (762) POP3 (35) SMTP (36)		Electronic mail, most commonly referred to as email or e-mail, is a method of exchanging digital messages from an author to one or more recipients.
Coursera	Coursera (1199)		Coursera.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
Crashlytics	Crashlytics (889)		Crashlytics helps collect, analyze and organize app crash reports.
CrashPlan	CrashPlan (1152)		CrashPlan is an online backup service.
CRM	other CRM (493)		Customer relationship management (CRM) is a model for managing a company's interactions with current and future customers. CRM software allows the organizing of customer information, and also provides the means to track sales leads from the time they are obtained until the sales are

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			closed.
D2D Data Transfer	D2D Data Transfer (602)		Disk to Disk data transfer such as backup operations.
Database	other database (586) DB2 (586)		Applications associated with databases and database management systems (DBMSs).
Decryption Client	Decryption Clients (593)		Decryption Client.
DHCP	DHCP (25)		The Dynamic Host Configuration Protocol (DHCP) is a network protocol used to configure devices that are connected to a network so they can communicate on that

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			network using the Internet Protocol (IP). The protocol is implemented in a client–server model, in which DHCP clients request configuration data, such as an IP address, a default route, and one or more DNS server addresses from a DHCP server.
DHCP Failover	DHCP Failover (1200)		DHCP Failover.
Digital Distribution store	Windows Store (755) Google Play (756)		Digital Distribution store is a digital distribution platform or service which allows users to browse and download applications.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
Discord	Discord (923)		Discord is a proprietary freeware instant messaging and VoIP application.
Disney Plus	Disney Plus (1184)		Disney Plus is the on-demand, ad-free streaming service. Source of ID: Palo Alto Networks.
DNS	DNS (26) Multicast DNS (149)		The Domain Name System (DNS) is a hierarchical distributed naming system for computers, services, or any resource connected to the Internet or a private network. It associates various information with domain names

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			assigned to each of the participating entities. Most prominently, it translates easily memorized domain names to the numerical IP addresses needed for the purpose of locating computer services and devices worldwide. By providing a worldwide, distributed keyword-based redirection service, the Domain Name System is an essential component of the functionality of the Internet.
DNS		53 (udp)	Applications using

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
(unclassified) (183)			the ports/protocols normally associated with DNS.
Docusign	DocuSign (1173)		DocuSign is a provider of cloud-based electronic signature technology that facilitates exchanges of contracts, tax documents, and legal materials.
Dota 2	Dota 2 (1159)		Dota 2 is a multiplayer online battle arena video game.
Double Take Availability	Double Take Availability (603)		Vision Solutions' Double-Take® Availability: real-time high availability and disaster recovery solution to with

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			options for physical, virtual or cloud servers.
Dropbox	Dropbox (232)		Dropbox is a file hosting service operated by Dropbox, Inc., that offers cloud storage, file synchronization, and client software. Dropbox allows users to create a special folder on each of their computers, which Dropbox then synchronizes so that it appears to be the same folder (with the same contents) regardless of which computer is used to view it. Files placed in this folder also are

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			accessible through a website and mobile phone applications.
DTK	DTK (1201)		Deception Toolkit.
DTLS	DTLS (1177)		Datagram Transport Layer Security (DTLS) protocol provides communications privacy for datagram protocols. DTLS allows datagram-based applications to communicate in a way that is designed to prevent eavesdropping, tampering, or message forgery. The DTLS protocol is based on the stream-oriented Transport Layer Security (TLS)

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			protocol and is intended to provide similar security guarantees. RFC6347
Duo Security	Duo Security (1118)		Provides two-factor authentication, endpoint remediation, and secure single sign-on tools from Cisco. Source of ID: Palo Alto Networks.
eBay	Zoho (529)		eBay.com is an online auction and shopping website in which people and businesses buy and sell a broad variety of goods and services worldwide.
eFolder	eFolder (716)		eFolder Backup is a

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			business-grade, cloud backup service designed for VARs and MSPs. The service enables anytime, anywhere data backup to the eFolder Storage Cloud for Windows, Mac, or Linux workstations, laptops, or servers. Through file versioning, eFolder's encrypted cloud backup solution protects against file corruption and accidental save-overs. Monitoring and reporting for eFolder's cloud backup solution is built in.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
ESPN	ESPN (235)		ESPN is an American multinational basic cable sports channel owned by ESPN Inc.
Evernote	Evernote (553)		Evernote is an app for note taking, organizing, task management, and archiving.
exacqVision	exacqVision (606)		Video Management System (VMS): Exacq Technologies is a manufacturer of video management system (VMS) software and servers used for video surveillance.
ExpressVPN	ExpressVPN (918)		ExpressVPN is a virtual private network service.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
Facebook	Facebook (196)		Facebook is an online social networking service.
Facebook Cloud	Facebook Cloud (890)		Cloud services provided by Facebook Inc.
FaceTime	FaceTime (739)		FaceTime is a proprietary videotelephony service by Apple.
Fastly	Fastly (875)		Fastly is a cloud computing services provider.
FCC Speed Test	FCC Speed Test (607)		The FCC Measuring Broadband America Program's mobile measurement effort is an initiative to gather anonymous data from

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			the smartphones of thousands of volunteers in order to assess broadband performance nationwide. Data related to the radio characteristics of the handset, information about the handset type and operating system version, the GPS coordinates available from the handset at the time each test is run, the date and time of the observation, and the results of active test are recorded on the handset.
file hosting	123upload (774) Direct Download Link (248) easypaste-org (777) HiDrive (585) NW5 (590) rusfolder (775) share-online		File hosting is an

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
	(770) SunND (592) ultrashare (771) uploaded (776) WDC (591) yunfile (772)		Internet hosting service specifically designed to host user files. It allows users to upload files that could then be accessed over the internet from a different computer, tablet, smart phone or other networked device, by the same user or possibly by other users, after a password or other authentication is provided.
File Sharing	droplr (605) eyvx-com (899) File Sharing (577)		File Sharing Applications.
filesanywhere	filesanywhere (608)		Online file sharing, data storage, backup service.

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
Finch	Finch (609)		Web page re-formatting tool Finch gives you just the text from any site you plug into its address box, stripping Flash, JavaScript, stylesheets, and even images from the layout.
Finger	Finger (81)		The Name/Finger protocol is an interface to the name and finger programs that provide status reports on a particular computer system or a particular person at network sites. Due to security and privacy concerns, the vast majority of sites on the internet no longer

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			offer the service.
FIX	FIX (121)		The Financial Information eXchange (FIX) protocol is an electronic communications protocol initiated in 1992 for international real-time exchange of information related to the securities transactions and markets.
Flickr	Flickr (200)		Flickr is an image hosting and video hosting website, and web services suite that was created by Ludicorp in 2004 and acquired by Yahoo in 2005. In addition to

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			being a popular website for users to share and embed personal photographs, and effectively an online community, the service is widely used by photo researchers and by bloggers to host images that they embed in blogs and social media.
Fortnite	Fortnite (967)		Fortnite is a video game in which you fight off zombie-like creatures and defend objects with traps and fortifications.
Freedome (610)	Freedome (610)		F-Secure Freedome: Security and Privacy Change your virtual

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			location Prevent ads and sites from tracking and block apps.
FTP	FTP (28) TFTP (88) SFTP (117)		File Transfer Protocol (FTP) is a standard network protocol used to transfer files from one host to another host over a TCP-based network, such as the Internet.
FTP (unclassified) (183)		20-21 (tcp)	Applications using the ports/protocols normally associated with FTP.
gambling	other gambling (494)		Applications associated with the practice of playing games of chance or betting in the hope of

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			winning money.
gaming	Apex Legends (987) Asphalt8 (1063) Asphalt9 (1004) Battlefield (103) Big Farm (1061) Brawl Stars (1047) CounterStrikeGO (989) Dead Rivals (1052) DeltaDNA (1074) Doom (98) EA Games (766) Electronic Arts (1024) Enmasse Games (985) Epic Games (904) Forge of Empires (1032) Friendster (487) Gameloft-Services (1005) Goodgame Studios (1035) Half-Life (102) Halfbrick Studios (748) Hatch Cloud Gaming (1072) IGG (1054) Ingress Prime (1023) InnoGames (1033) King of Avalon (794) Liftoff (1092) Lineage 2 (798) Lords Mobile (1055) Minecraft (802) Mixer (1018) Mobile Strike (797) Modern War (765) MSN-Zone (104) My5 (1095) Nintendo Network (796) Novatech Core (1007) other gaming (165) PUBG (1027) QQGame (206) Quake (97) Second Life (140) SimCity Buildit (799) SOMA (1060) Source Engine (1096) StarWars Galaxy of Heroes (800) Streamcraft (1101) TeamSpeak (152) Tencent Games (1019) Unity (801) Unreal (101) Unreal Engine (1040) Vivox (970) Warcraft (95) Wargaming-net (936) Wii (107) Wizards Unite (1036) World of Kung Fu (803) World of Tanks (975)		Activities normally associated with recreational pleasure and enjoyment.
GifBoom	GifBoom (611)		GifBoom is a free Social network

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			application that enables its users to upload silent animated GIFs and to share them on GifBoom as well as Facebook, Twitter, and Tumblr or via E-mail or MMS.
Giphy	Giphy (814)		Giphy is an online database and search engine that allows users to search for and share animated GIF files.
GitHub	GitHub (612) GitHub-Base (613) GitHub-uploading (614)		GitHub is a web-based Git repository hosting service, which offers all of the distributed revision control and source code management

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			(SCM) functionality of Git as well as adding its own features.
Gmail	Gmail (213)		Gmail is a free email service developed by Google.
GoAgent	GoAgent (615)		GoAgent is a GNU GPL open-source cross-platform network access software. It uses Google App Engine servers to provide users with a free proxy service to gain access to blocked information. It is normally used with web browsers.
Google Ads	Google Ads (887)		Google Ads is an online advertising

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			platform developed by Google.
Google Analytics	Google Analytics (884)		Google Analytics is a web analytics service offered by Google that tracks and reports website traffic.
Google APIs	Google APIs (881)		Google APIs are application programming interfaces developed by Google which allow communication with Google Services and their integration to other services.
Google App Engine	Google App Engine (841)		Google App Engine is a Platform as a Service and cloud computing platform.

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
Google Calendar	Google Calendar (883)		Google Calendar is a time-management and scheduling calendar service developed by Google.
Google Classroom	Google Classroom (717)		Classroom was designed hand-in-hand with Google Apps for Education teachers to help them save time, keep classes organized, and improve communication with students. Students access Classroom assignments, announcements, and resources online. Assignment creation and distribution is

Name	Application Criteria		Description
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			accomplished through Google Drive, Google's file hosting service, while Gmail, Google's webmail, is used to provide classroom communication. Each class created with Google Classroom creates a separate folder in the respective Google Product where the student can submit work to be graded by a teacher.
Google Cloud Platform	Google Cloud Platform (1120)		Google Cloud Platform, offered by Google, is a suite of cloud computing services.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
Google Docs	Google Docs (745)		Google Docs is a web-based software office suite by Google.
Google Drive	Google Drive (744)		Google Drive is a file storage and synchronization service developed by Google.
Google Duo	Google Duo (783)		Google Duo is a video chat mobile app developed by Google.
Google Earth	Google Earth (862)		Google Earth is a computer program that renders a 3D representation of Earth based primarily on satellite imagery.
Google FCM	Google FCM (809)		Firebase Cloud

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			Messaging, formerly known as Google Cloud Messaging, is a cross-platform cloud solution for messages and notifications for Android, iOS, and web applications.
Google Hangouts	Google Hangouts (616)		Google Hangouts is a cross-platform messaging app developed by Google.
Google Maps	Google Maps (861)		Google Maps is a web mapping service developed by Google.
Google Photos	Google Photos (1141)		Google Photos is a photo sharing and storage service developed by

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			Google.
Google Play	Google Play (756)		Google Play, formerly Android Market, is a digital distribution service operated and developed by Google.
Google Play Music	Google Play Music 91132)		Google Play Music is a music and podcast streaming service operated by Google.
Gopher	Gopher (135)		The Gopher protocol is a TCP/IP application layer protocol designed for distributing, searching, and retrieving documents over the Internet. Strongly oriented towards a menu–

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			document design, the Gopher protocol presented an alternative to the World Wide Web in its early stages, but ultimately HTTP became the dominant protocol. The Gopher ecosystem is often regarded as the effective predecessor of the World Wide Web.
GoToMyPC	GoToMyPC (251)		GoToMyPC is remote desktop software that allows users to access computers remotely using a web browser.
HA Cluster	HA Cluster (1204)		HA Cluster.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
Hamicloud	Hamicloud (617)		Taiwan-based cloud services.
Healthcare	Healthcare (1192)		Online Healthcare EMR/EHR.
HBO	HBO (441)		Home Box Office is an American pay television network.
Health Level Seven	HL7 (105)		Founded in 1987, Health Level Seven International (HL7) is a not-for-profit, ANSI-accredited standards developing organization dedicated to providing a comprehensive framework and related standards for the exchange, integration, sharing,

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			and retrieval of electronic health information that supports clinical practice and the management, delivery and evaluation of health services.
HP-iLO	HP-iLO (618)		Integrated Lights-Out, or iLO, is a proprietary embedded server management technology by Hewlett-Packard which provides out-of-band management facilities. The physical connection is an Ethernet port that can be found on most Proliant servers of the

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			300 and above series.
HTTP	HTTP (29)		The Hypertext Transfer Protocol (HTTP) is an application protocol for distributed, collaborative, hypermedia information systems. HTTP is the foundation of data communication for the World Wide Web.
HTTP (unclassified) (168)		80 (tcp)	Applications using the ports/protocols normally associated with HTTP.
HTTPS	HTTPS (39)		Hypertext Transfer Protocol Secure

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			(HTTPS) is a communications protocol for secure communication over a computer network, with especially wide deployment on the Internet. Technically, it is not a protocol in and of itself; rather, it is the result of simply layering the Hypertext Transfer Protocol (HTTP) on top of the SSL/TLS protocol, thus adding the security capabilities of SSL/TLS to standard HTTP communications.
HTTPS (unclassified) (171)		443 (tcp)	Applications using the ports/protocols normally associated

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			with HTTPS.
Huawei-dbank	Huawei-dbank (619)		Huawei Dbank is a cloud service application for storing and synchronizing files between computers.
HULFT	HULFT (620)		HULFT is middleware that performs various functions based on the TCP/IP protocol, including file transfer, between platforms connected to each other via a network.
Hulu	Hulu (236)		Hulu is a website and over-the-top (OTT) subscription service offering ad-supported on-demand streaming

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			video of TV shows, movies, webisodes and other new media, trailers, clips, and behind-the-scenes footage from NBC, Fox, ABC, TBS, and many other networks and studios.
IBM-RMC	IBM-RMC (621)		RMC is a content management system that provides a common management structure and look and feel for all process content. All content managed in RMC can be published to HTML and deployed to Web servers for distributed usage.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
IBM-solidDB	IBM-solidDB (622)		BM solidDB: In-Memory Database Optimized for Extreme Speed and Availability.
iCloud	iCloud (751)		iCloud is a cloud storage and cloud computing service from Apple.
ICMP	ICMP (27) Echo (169) Echo (unclassified) (900)		The Internet Control Message Protocol (ICMP) is one of the core protocols of the Internet Protocol Suite. It is used by the operating systems of networked computers to send error messages indicating, for example, that a requested service is not available or that a

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			host or router could not be reached.
IGMP	IGMP (130)		The Internet Group Management Protocol (IGMP) is a communications protocol used by hosts and adjacent routers on IP networks to establish multicast group memberships. IGMP is an integral part of IP multicast. IGMP can be used for one-to-many networking applications such as online streaming video and gaming, and allows more efficient use of resources when supporting these

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			types of applications. IGMP is used on IPv4 networks.
iHeartRadio	iHeartRadio (1149)		iHeartRadio is a free broadcast, podcast and streaming radio platform.
Imgur	Imgur (623/624)		Imgur is an online image hosting service.
Industry	AMQP (791) BACNET (793) CoAP (790) DNP3 (792) S7comm (789)		Software for automation and IoT.
Insightly CRM	Insightly CRM (625)		Cloud–based customer relationship management (CRM) software for small businesses.
Instagram	Instagram (743)		A social networking app that allows users

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			to share pictures and videos, either publicly or privately, to pre-approved followers.
instant messaging	AIM (62) APNS (810) cotap (734) Google Allo (811) Google FCM (809) GoogleTalk (78) ICQ (807) iCrypt (806) IMplus (260) iO (805) IRC (42) IRC Secure (186) Kakaotalk (580) LotusIM (217) Meebo (77) MSN Messenger (60) other instant messaging (184) Paltalk (139) Spark (436) spark-im-base (681) Tenor (808) Xfire (438) Yahoo IM (73)		Instant messaging (IM) is a type of online chat which offers real-time text transmission over the Internet.
internet Advertising	Adcolony (1059) Adform (1066) Adjust (1010) AdSafeProtected (1065) Adtiming (1075) AppLovin (1073) AppsFlyer (1009) Bebi (1083) Brightcove (993) Chartboost (1088) Criteo (1086) Exactag (1079) Flurry (1076) FreeWheel (1067) Heyzap (1085) IronSource (1069) Moat (1064) MoPub (1026) OpenX (1111) Rubicon Project (1112) ScorecardResearch (1080) SmartAdServer (1078) SpotX (1068) Swrve (1087) Tapjoy (1053) TrafficFactory (1071) TrafficJunky (1070) Vungle (969)		Internet advertising.
internet utility	Android Market (524) Apache Jserv (525) Atom (526) other internet utility (527) DCC Anti-Spam (528) Folding@home		Applications that are generally of a

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
	(530) MobileMe (531) OIkla (997) traceroute (534) web crawler (536) Windows push (537)		utilitarian nature (i.e., practical, useful, functional, sensible).
Intersystems Cache (626)	Intersystems Cache (626)		InterSystems Caché® is an advanced database management system and rapid application development environment.
Intranet	Intranet (237)		An intranet is a computer network that uses Internet Protocol technology to share information, operational systems, or computing services within an organization.
IP Mobility	IP Mobility (1206)		IP Mobility.

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
IPFIX	IPFIX (788)		Internet Protocol Flow Information Export is an IETF protocol. It was created based on the need for a common, universal standard of export for Internet Protocol flow information from routers, probes and other devices that are used by mediation systems, accounting/billing systems and network management systems to facilitate services such as measurement, accounting and billing. The IPFIX standard defines how IP flow information is

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			to be formatted and transferred from an exporter to a collector. The IPFIX standards requirements were outlined in the original RFC 3917. Cisco NetFlow Version 9 was the basis for IPFIX. The basic specifications for IPFIX are documented in RFC 7011 through RFC 7015, and RFC 5103.
IPX	IPX (129)		Internetwork Packet Exchange (IPX) is the OSI-model Network layer protocol in the IPX/SPX protocol stack. The IPX/SPXM

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			protocol stack is supported by Novell's NetWare network operating system. Because of Netware's popularity through the late 1980s into the mid-1990s, IPX became a popular internetworking protocol.
iQiyi	iQiyi (627)		iQIYI is an online video platform in China. IT is the second largest online video site in China by number of video hours played.
ISO-8583	ISO-8583 (628)		ISO 8583 Financial transaction card originated messages – Interchange

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			message specifications is the ISO standard for systems that exchange electronic transactions made by cardholders using payment cards.
iTunes	iTunes (738)		iTunes is a media player, media library, Internet radio broadcaster, mobile device management utility, and the client app for iTunes Store, developed by Apple Inc.
Jabber	Jabber (61)		Jabber is the original IM service based on XMPP and one of the key nodes on the XMPP network.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
JDI Online Backup Storage	JDI Online Backup Storage (629)		Online Backup solution.
Jenkins	Jenkins (630)		Jenkins provides continuous integration services for software development. It is a server-based system running in a servlet container such as Apache Tomcat.
JetDirect (unclassified)	JetDirect (unclassified)		Applications using the ports/protocols normally associated with JetDirect printing ports.
JIRA	JIRA (504)		Jira is a proprietary issue tracking product developed by Atlassian that allows bug tracking and

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			agile project management. Source of id: Palo Alto Networks.
job search	CareerBuilder.com (241) Monster.com (242)		Employment websites.
Jobvite	Jobvite (631)		Recruiting platform for the social web.
Jump Desktop	Jump Desktop (469)		Jump Desktop is a multi-protocol remote Desktop Client (RDP,VNC) that lets you control your computer from your iPad, iPhone or iPod Touch. Source of ID: Palo Alto Networks.
Juniper NSM	Juniper NSM (632)		Network and Security Manager (NSM) - management over the

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			lifecycle of Juniper's routing, switching and security infrastructure.
Kerberos (unclassified) (189)		88 (tcp) 88 (udp) 10000 (null) 100000 (null) 1000000 (null)	Applications using the ports/protocols normally associated with Kerberos.
Khan Academy	Khan Academy (633)		Khan Academy is an educational organization providing online education. All videos (hosted via YouTube) are available through Khan Academy's website, with progress tracking, practice exercises, and tools for teachers in public schools.

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			Khan Academy also provides a web-based exercise system. The exercise software is available as open source under the MIT license.
Kik	Kik (1131)		Kik Messenger, commonly called Kik, is a freeware instant messaging mobile app.
Laiwang (634/635)	laiwang-base (634) laiwang-file-transfer (635)		Alibaba Group – Laiwang, a social networking service – instant messaging – file sharing.
Landesk	landesk-base (636 landesk-inventory (637)		LANDESK Software provides systems management, security

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			management, service management, asset management, and process management solutions.
LDAP	LDAP (43)		LDAP stands for Lightweight Directory Access Protocol.
LDAP (unclassified) (183)		379 (tcp) 389 (tcp) 389 (udp) 636 (tcp) 636 (udp)	Applications using the ports/protocols normally associated with LDAP.
LDAPS	LDAPS		LDAPS stands for Lightweight Directory Access Protocol Secure over TLS.
LDAPS (unclassified)	LDAPS (unclassified)		LDAPS stands for Lightweight Directory Access Protocol

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			Secure over TLS.
Level3 Cloud			Level3 provides cloud and CDN services.
Lifesize	Lifesize (638)		Lifesize, a division of Logitech, is a video and audio telecommunications company in the United States which provides high definition videoconferencing endpoints and accessories, infrastructure products and a cloud-based video collaboration platform.
LinkedIn	LinkedIn (216)		LinkedIn is a social networking website

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			for people in professional occupations.
Live	Live.com (225)		Windows Live Personalized Experience (also known as My.Live.com, previously Live.com) was a customizable portal launched by Microsoft in early November 2005. It was one of the first Windows Live services to launch.
Livenewschat	Livenewschat (639)		LiveNewsChat provides a web interface to view text, image and video content posted by third parties.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			LiveNewsChat cannot and does not screen the sites or its contents before including them in the results from which such automated searches are gathered.
Localtunnel	Localtunnel (640)		Localtunnel lets you expose a local web server to the public Internet.
LogMein	LogMein (470)		LogMeIn is a suite of software services that provides remote access to computers over the Internet.
LSI Raid Management	LSI Raid Management (641)		LSI is an Avago Technologies company – Storage

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			management software.
Lync	Lync (303) DHCP (25)		Lync is an application from Microsoft that lets you connect with others through instant messaging (IM), video calls, and online meetings.
MANET	MANET (1205)		MANET.
Medical Imaging	ACR-NEMA (729)		The American College of Radiology (ACR) and the National Electrical Manufacturers Association (NEMA) formed a joint committee in 1983 to develop a standard to: — Promote

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			communication of digital image information, regardless of device manufacturer – Facilitate the development and expansion of picture archiving and communication systems (PACS) that can also interface with other systems of hospital information – Allow the creation of diagnostic information data bases that can be interrogated by a wide variety of devices distributed geographically.
Meetup	meetup-base (642) meetup-email (643) meetup-forum (644)		Meetup is an online social networking

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			portal that facilitates offline group meetings.
Mendeley	mendeley-base (645) mendeley-uploading (646)		Mendeley is a desktop and web program for managing and sharing research papers, discovering research data and collaborating online. It combines Mendeley Desktop, a PDF and reference management application with Mendeley Web, an online social network for researchers.
Mercurial	mercurial-base (647) mercurial-uploading 648)		Mercurial is a free, distributed source control management

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			tool. Mercurial is a free, distributed source control management tool.
Microsoft	Microsoft.com (221)		Microsoft.com is the main site for product information, support, and news for Microsoft Corporation.
Microsoft OneDrive	Microsoft OneDrive (779)		OneDrive is a file hosting service and synchronization service operated by Microsoft.
Microsoft OneNote	Microsoft OneNote (1181)		Microsoft OneNote is a computer program for free-form information gathering and multi-user collaboration. It

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			gathers users' notes (handwritten or typed), drawings, screen clippings and audio commentaries. Source of id: Palo Alto Networks.
Microsoft Services	Microsoft Services (865)		Microsoft Services are application programming interfaces developed by Microsoft which allow communication with Microsoft Services and their integration to other services.
Microsoft Teams	Microsoft Teams (1117)		Microsoft Teams is a unified communication and collaboration platform.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
Minus	Minus (649)		Social media for location based photo sharing and chat.
mobile	ActiveSync (166) BOLT (262) FaceApp FunPlus (782) MMS (164) OperaMini (261) WAP (163)		Mobile devices may provide telephony as well as a wide variety of other services such as text messaging, MMS, email, Internet access, short-range wireless communications (infrared, Bluetooth), business applications, gaming, and photography. Mobile phones that offer these and more general computing capabilities are referred to as smartphones.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
Mocha RDP	Mocha RDP (1172)		Mocha Remote Desktop (RDP) provides access to a PC running Microsoft Windows Windows 7/8/8.1/10 and Vista. Source of ID: Palo Alto Networks.
Modbus	Modbus (1119)		Modbus is a data communications protocol for use with its programmable logic controllers.
MQTT	MQTT (1151)		MQTT is an open OASIS and ISO standard lightweight, publish-subscribe network protocol that transports messages between devices.
MS Exchange	ms-exchange-admin-center (650)		The Exchange Admin

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
Admin Center			Center (EAC) is the web-based management console in Microsoft Exchange Server.
MS Hyper-V VM Connect x	ms-hyper-v-vm-connect (650)		Virtual Machine Connection is a tool that you use to connect to a virtual machine so that you can install or interact with the guest operating system in a virtual machine. Virtual Machine Connection is installed automatically when you install the Hyper-V role.
MS-RPC (unclassified)		135 (tcp) 1025 (tcp)	Applications using the ports/protocols

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
(183)		1026 (tcp) 135 (udp)	normally associated with MS-RPC.
MSFT-GC	MSFT-GC (1168)		MSFT-GC is Microsoft (MSFT) Global Catalog (GC). Source of ID: NBAR.
MSFT-GC (unclassified)	MSFT-GC (unclassified)	3268 (tcp) 3268 (udp)	Applications using the ports/protocols normally associated with MSFT-GC; Microsoft (MSFT) Global Catalog (GC).
MSFT-GC SSL	MSFT-GC SSL (1169)		MSFT-GC is Microsoft (MSFT) Global Catalog (GC) SSL. Source of ID: NBAR.
Mullvad VPN	Mullvad VPN (931)		Mullvad is an open-source commercial virtual private

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			network service.
Multicast DNS	Multicast DNS (149)		Multicast DNS (mDNS) protocol resolves hostnames to IP addresses within small networks that do not include a local name server.
Multicast DNS (unclassified)	Multicast DNS (unclassified)		Applications using the ports/protocols normally associated with multicast DNS (mDNS).
MyFitnesPal	MyFitnessPal (143)		MyFitnessPal is a smartphone app and website that tracks diet and exercise.
Mymarket	Mymarket (652)		mymarket.com is an e-procurement solutions provider.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
MySpace	MySpace (201)		MySpace is a social networking service with a strong music emphasis.
NetBIOS	NetBIOS (48)		NetBIOS is an acronym for Network Basic Input/Output System. It provides services related to the session layer of the OSI model allowing applications on separate computers to communicate over a local area network. As strictly an API, NetBIOS is not a networking protocol. Older operating systems[clarification needed] ran NetBIOS

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			over IEEE 802.2 and IPX/SPX using the NetBIOS Frames (NBF) and NetBIOS over IPX/SPX (NBX) protocols, respectively. In modern networks, NetBIOS normally runs over TCP/IP via the NetBIOS over TCP/IP (NBT) protocol. This results in each computer in the network having both an IP address and a NetBIOS name corresponding to a (possibly different) host name.
NetBIOS (Unclassified) 186)		137–139 (tcp) 137–139 (udp)	Applications using the ports/protocols normally associated

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			with NetBIOS.
Netflix	Netflix (234)		Online video streaming service.
Netflow	Netflow (91)		NetFlow is a network protocol developed by Cisco Systems for collecting IP traffic information. NetFlow has become an industry standard for traffic monitoring and is supported on various platforms.
Netflow (unclassified)	Netflow (unclassified)		Applications using the ports/protocols normally associated with NetFlow.
NETS	NETS (653)		Northern European Transaction Services – Nets is a Nordic

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			provider of payments, cards and information services.
NetSuite	NetSuite (1207)		NetSuite.
Network Management	IPFIX (788) IPMI (787) OpenFlow (786)		Software that enables administrators to perform services such as fault analysis, performance management, provisioning of networks, maintaining the quality of service, etc.
Networking	9pfs (721) ACAS (723) Apple Airport (512) ARCserve (513) Host Access (587) Infrastructure (514) Internet Protocol (539) Non IP (576) other protocols (583) PeerGuardian (517) Proxy (557) RPC (518)		Networking software facilitates the linking of two or more computing devices together for the purpose of sharing data.

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
News	CNN (230) FoxNews (231) Google News (229) MSNBC(233) Yahoo News (228)		Information on current events which is presented over the Internet.
Next Media video x	Next Media video (653)		Taiwan-based news service, computer-animated dramatizations of news events.
NFS	AFP (115) Lockd (156) NFS (57)		Network File System (NFS) is a distributed file system protocol originally developed by Sun Microsystems in 1984, allowing a user on a client computer to access files over a network in a manner similar to how local storage is accessed. NFS, like many other protocols,

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			builds on the Open Network Computing Remote Procedure Call (ONC RPC) system. The Network File System is an open standard defined in RFCs, allowing anyone to implement the protocol.
Nomadesk	Nomadesk (655)		Nomadesk is a European SaaS company, focused on Enterprise File Sharing & Synchronization (EFSS) technology.
Nord VPN	Nord VPN (914)		Nord is a commercial virtual private network service.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
NTP	Day-Time (65) NTP (54) Time Server (247)		Network Time Protocol (NTP) is a networking protocol for clock synchronization between computer systems over packet-switched, variable-latency data networks.
NTP (unclassified) (185)		123 (udp)	Applications using the ports/protocols normally associated with NTP.
Office 365	Office 365 (741)		Office 365 is a line of subscription services offered by Microsoft, as part of the Microsoft Office product line. When you have an active subscription, you

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			always have the most up-to-date version of the Office applications, such as Word, Excel, PowerPoint, and others.
Online Storage	online storage (301)		Secure online file storage, file synchronization, versioning and backup services.
OpenMeetings	OpenMeetings (656)		OpenMeetings is software used for presenting, online training, web conferencing, collaborative whiteboard drawing and document editing, and user desktop sharing. The

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			product is based on OpenLaszlo RIA framework and Red5 media server, which in turn are based on a bunch of open source components.
OpenText Enterprise Connect	OpenText Enterprise Connect (657)		OpenText Enterprise Information Management software solutions.
Orkut	Orkut (203)		Orkut is a social networking website that is owned and operated by Google. The service is designed to help users meet new and old friends and maintain existing relationships. Although Orkut is less

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			popular in the United States than competitors Facebook and Google+, it is one of the most visited websites in India and Brazil.
OS Update	OS Update (1178)		OS update classifies traffic generated by the update process of operating system updates.
Other encapsulation	Other encapsulation (1202)		Other encapsulation.
P2P file	ANtsP2P (768) Ares (108) AppleJuice (109) DirectConnect (50) eDonkey (32) Filetopia (80) Gnutella (79) iMesh (131) Kazaa (33) Kontiki (198) Local Peer Discovery (785) Manolito (93) Mute (92) OFF (784) other P2P file (175) Pando (171) Soulseek (145) spark-im-file-transfer (682) Thunder (161) Winny (162) WinMX (125)		Applications that provide file-sharing services to end-users on a peer-to-peer (P2P) network.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
P2P stream	other P2P stream (210) PPLive (113) PPStream (138) QQLive (205) TVANTS (193)		Applications that provide streamed multimedia content to end-users on a peer-to-peer (P2P) network.
Palo Alto Traps	Palo Alto Traps (727)		Palo Alto Networks® Traps provides Advanced Endpoint Protection that prevents sophisticated vulnerability exploits and unknown malware-driven attacks. Traps accomplishes this through a highly scalable, lightweight agent that uses an innovative new approach for

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			defeating attacks without requiring any prior knowledge of the threat itself. By doing so, Traps provides organizations with a powerful tool for protecting endpoints from virtually every targeted attack.
Pandora	Pandora (76)		Pandora is a music streaming and automated music recommendation internet radio service.
PayPal	PayPal (761)		PayPal operates a worldwide online payments system that supports online money transfers and serves as an

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			electronic alternative to traditional paper methods (e.g., checks and money orders.
pcAnywhere	pcAnywhere (85)		PCAnywhere is the protocol of the PCAnywhere remote desktop application.
Periscope	Periscope (1166)		Periscope is a live video streaming app for Android and iOS.
Photo Video	Photo Video (578)		Photo-Video Applications.
Pinterest	pinterest-base (658) pinterest-posting (659)		Pinterest is a web and mobile application company that offers a visual discovery, collection, sharing, and storage tool.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
PlayStation	PlayStation (96)		Services associated with Playstation gaming console.
Plex	Plex (660)		Plex is a centralized home media playback system with a powerful central server–the Plex Media Server–that streams its media to many Plex player Apps.
Pokemon Go	Pokemon Go (1144)		Pokémon Go is an augmented reality mobile game.
PostScript	PostScript (1208)		PostScript.
PPPoE	PPOoE (124)		The Point-to-Point Protocol over Ethernet (PPPoE) is a network protocol for

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			encapsulating PPP frames inside Ethernet frames.
Prezi	Prezi (1174)		Prezi is a cloud-based presentation software based on a software as a service model.
Printer	Printer (81)		A printer is a peripheral which produces a representation of an electronic document on physical media such as paper or transparency film.
Private Internet Access VPN	Private Internet Access VPN (830)		Private Internet Access is a commercial virtual private network service.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
ProxyLocal	ProxyLocal (661)		ProxyLocal could proxy your local web-server and make it publicly available over the internet. This software is split into client and server parts. Server part is running on proxylocal.com server. Client is written in ruby and distributed as gem, its source code is open and available on github.
QNX	QNX (1209)		QNX.
QQ	QQ (204)		encent QQ, also known as QQ, is an instant messaging software service and web portal.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
Quantum Edge TMS	Quantum Edge TMS (663)		Cloud-based logistics software.
QUIC	QUIC (664)		QUIC (Quick UDP Internet Connections) (Google) is an early-stage network protocol that runs a stream multiplexing protocol over a new flavor of Transport Layer Security (TLS) on top of UDP instead of TCP.
QUIC (unclassified)	QUIC (unclassified)		Applications using the ports/protocols normally associated with QUIC.
r-Commands	r-commands (211)		BSD r-Commands BSD r-commands (211) A set of commands that was

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			developed for BSD UNIX to provide convenient remote access (access without passwords) to operation functions over a TCP/IP network. All of the "r" commands begin with the letter "r".
Rackspace Cloud	Rackspace Cloud (882)		Rackspace Cloud is a set of cloud computing products and services from the US-based company Rackspace.
Radmin	Radmin (474)		Remote Administrator (Radmin) is a graphical (GUI) desktop sharing software for Microsoft Windows

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			which uses the Mirror Video Driver (Video Hook Driver) to remotely control another computer.
Rally	Rally Sofware (598)		Rally's cloud-based, Agile software management platform.
RDP	RDP (70)		Remote Desktop Protocol is a proprietary protocol developed by Microsoft which provides a user with a graphical interface to connect to another computer over a network connection.
RDP (unclassified)	RDP (unclassified)		Applications using the ports/protocols

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			normally associated with RDP.
Reddit	reddit(760) reddit-base (665) reddit–posting 666)		Reddit, is an entertainment, social networking service and news website where registered community members can submit content, such as text posts or direct links.
Remote desktop	Avocent (465) DameWare Mini Remote (467) Netviewer (472) other remote desktop (463) PocketCloud (473) qq-rdp (662) R-Services (480) Radmin (474) RDM+ (475) RemoteCall (476) RemoteView (477) XDMCP (126)		Remote desktop is a software or operating system feature that allows a personal computer's desktop environment to be run remotely on one system (usually a PC, but the concept applies equally to a server), while being

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			displayed on a separate client device.
RingCentral	RingCentral (1210)		RingCentral.
RIPng	RIPng (667)		RIP next generation (RIPng) is an extension of RIP-2 for IPv4. Most RIP concepts are applicable in RIPng. RIPng for IPv6 made the following changes to RIP: I UDP port number: RIPng uses UDP port 521 for sending and receiving routing information.
Routing	BGP (46) RIP (69) EGP (114) EIGRP (120) ISIS (485) LDP (300) OSPF (87) other routing (484)		Routing is the process of selecting paths in a network along which to send

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			network traffic. The routing process usually directs forwarding on the basis of routing tables which maintain a record of the routes to various network destinations.
RPC	CORBA (137) ONC RPC (192)		A remote procedure call (RPC) is an inter-process communication that allows a computer program to cause a subroutine or procedure to execute in another address space (commonly on another computer on a shared network) without the

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			programmer explicitly coding the details for this remote interaction. That is, the programmer writes essentially the same code whether the subroutine is local to the executing program, or remote. When the software in question uses object-oriented principles, RPC is called remote invocation or remote method invocation.
RSVP	RSVP (68)		The Resource Reservation Protocol (RSVP) is a Transport Layer protocol designed to reserve resources across a

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			network for an integrated services Internet. RSVP can be used by either hosts or routers to request or deliver specific levels of quality of service (QoS) for application data streams or flows. RSVP defines how applications place reservations and how they can relinquish the reserved resources once the need for them has ended.
rsync	rsync 572)		File transfer application for Unix systems. Sources of id: Palo Alto Networks,

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			Packetshaper.
RTCP	RTCP (67)		The RTP Control Protocol is a sister protocol of the Real-time Transport Protocol. Its basic functionality and packet structure is defined in RFC 3550. RTCP provides out-of-band statistics and control information for an RTP session.
RTP	RTP (51)		Real-time Transport Protocol (or RTP) defines a standardized packet format for delivering audio and video over the Internet.
RTSP	RTSP (52)		The Real Time

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			Streaming Protocol is a network control protocol designed for use in entertainment and communications systems to control streaming media servers.
RTSP (unclassified)	RTSP (unclassified)		Applications using the ports/protocols normally associated with RTSP.
rsync	rsync (572) File transfer application for Unix systems. Sources of id: Palo Alto Networks, Packetshaper.		File transfer application for Unix systems. Sources of id: Palo Alto Networks, Packetshaper.
Salesforce	Salesforce (219)		Salesforce is an information system used in CRM

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			marketing and management that helps automate some sales and sales force management functions.
SaltStack	SaltStack (668)		SaltStack is a Python-based open source configuration management and remote execution application. Supporting the "infrastructure-as-code" approach to deployment and cloud management.
Samsung Updates	Samsung Updates (669)		Software updates for Samsung devices.
SAP	SAP 49)		Enterprise software to manage business

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			operations and customer relations.
SAP HANA	SAP HANA (1150)		SAP HANA is an in-memory, column-oriented, relational database management system developed and marketed by SAP SE.
SCCM Client Notification (unclassified)			Applications using the ports/protocols normally associated with SCCM Client Notification.
SCCP (unclassified)			Applications using the ports/protocols normally associated with SCCP.
SCCPS (unclassified)			Applications using the ports/protocols

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			normally associated with SCCP.
Screencast	Screencast (670)		TechSmith's media hosting solution for sharing.
ScreenConnect	ScreenConnect (671)		ScreenConnect is a self-hosted remote desktop software application that has remote support, remote access, and remote meeting capabilities. ScreenConnect was developed by Elsinore Technologies.
Scribd	Scribd (1142)		Scribd is an American e-book and audiobook subscription service.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
SCTP	SCTP (90)		Stream Control Transmission Protocol (SCTP) is a transport layer protocol (protocol number 132), 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.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
SDRP	SDRP (1211)		SDRP.
search	Baidu.com (227) Bing.com (222) Booking-com (767) Google.com (224) Loop Trade Classifieds (780) Wikipedia (754) Yahoo.com (223) Yahoo Images (238)		Search engines and websites designed to find information on the Internet.
sFlow	sFlow (1154)		sFlow is a technology for monitoring network, wireless, and host devices. sFlow uses sampling to achieve scalability and is, for this reason, applicable to high speed networks (gigabit per second speeds and higher).
sFlow (unclassified)	sFlow (unclassified)		Applications using the ports/protocols normally associated with sFlow.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
SharePoint	SharePoint (509)		SharePoint is a web-based collaborative platform that integrates with Microsoft Office.
Shoutcast	Shoutcast (168)		SHOUTcast DNAS is cross-platform proprietary software for streaming media over the Internet.
Shutterfly	Shutterfly (452)		Shutterfly, Inc. is a photography, photography products, and image sharing company. Source of ID: Palo Alto Networks.
Signal	Signal (804)		Signal is a cross-platform encrypted messaging service.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
Silent Circle	Silent Circle (672)		Silent Circle is an encrypted communications firm providing multiplatform secure communication services for mobile devices, desktop and email.
SIP (unclassified)	SIP (unclassified)		Applications using the ports/protocols normally associated with the Session Initiation Protocol (SIP).
SIP2 for ILS	SIP2 for ILS (673)		The Standard Interchange Protocol is a proprietary standard for communication between library computer systems

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			and self-service circulation terminals. Version 2.0 of the protocol, known as "SIP2". SIP2 for ILS (Integrated Library Systems) for patron and guest wireless access.
SIPS (unclassfied)	SIPS (unclassified)		Applications using the ports/protocols normally associated with SIP Secure. RFC 3261.
Skype	Skype (55)		Skype allows users to communicate with peers by voice using a microphone, video by using a webcam, and instant messaging over the Internet. Unlike most

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			other VoIP services, Skype is a hybrid peer-to-peer and client-server system.
Slack	Slack (753)		Slack is a proprietary business communication platform.
Sling TV	Sling TV (856)		Sling TV is an American streaming television service.
Slingbox	Slingbox (143)		The Slingbox is a TV streaming media device made by Sling Media.
Smartsheet	Smartsheet (1179)		Smartsheet is an online project management, productivity and team collaboration

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			software as a service application. Source of id: Palo Alto Networks.
SMB	SMB (116)		Server Message Block protocol traffic.
SMB (unclassified) (184)		445 (tcp) 445 (udp)	Applications using the ports/protocols normally associated with SMB.
SMBv1	SMBv1 (1155)		Server Message Block version 1 protocol traffic. Source of ID: Palo Alto Networks.
SMBv2	SMBv2 (1156)		Server Message Block version 2 protocol traffic. Source of ID: Palo Alto Networks.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
SMBv3	SMBv3 (1157)		Server Message Block version 3 protocol traffic. Source of ID: Palo Alto Networks.
SMS	SMS (250)		Short Message Service (SMS) is a text messaging service component of phone, web, or mobile communication systems, using standardized communications protocols that allow the exchange of short text messages between fixed line or mobile phone devices.
SMTP		25 (tcp)	Applications using

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
(unclassified) (172)			the ports/protocols normally associated with SMTP.
Snapchat	Snapchat (581)		Snapchat is a messaging app.
SNMP	agentX (730) SNMP (40)		Simple Network Management Protocol (SNMP) is an "Internet-standard protocol for managing devices on IP networks". Devices that typically support SNMP include routers, switches, servers, workstations, printers, modem racks, and more. It is used mostly in network management systems to monitor network-attached

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			devices for conditions that warrant administrative attention.
SNMP (unclassified) (183)		161 (tcp) 161 (udp)	pplications using the ports/protocols normally associated with SNMP.
SNMP–Trap (unclassified) (182)		162 (tcp) 162 (udp)	Applications using the ports/protocols normally associated with SNMP–Trap.
SOAP	SOAP (510)		SOAP is a protocol for exchanging XML-based messages over a computer network, normally using HTTP.
Social	Azar (813) Badoo (819) Douyu (1022) ubsmash (818) Easy Taxi (820) Geocaching (1097) Giphy (814) Gravatar (1106) Grindr (822) Houseparty (825) Life Church (821) Meetic		Websites and applications that enable users to

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
	Group (823) Sarahah (824) Shazam (817) Smule (826)		create and share content or to participate in social networking.
SolarWinds	SolarWinds (1182)		SolarWinds Inc. develops enterprise information technology (IT) infrastructure management software for IT professionals. Source of id: Palo Alto Networks.
SolveQuotes	SolveQuotes (675)		SolveQuotes parses incoming messages, corporate emails, and attachments announcing inventories up for sale or lists of securities

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			being liquidated. The program provides instantaneous updates on bids, offers, price talk, trades, covers, and more, resulting in unparalleled access to market pricing when buying, selling, or marking securities to market. SolveQuotes can be deployed on the client side so that proprietary information never leaves the firm's firewalls, and can be integrated with proprietary systems and analytics.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
SOTI MobiControle	soti-mobicontrol (718)		SOTI MobiControl is a Mobile Device Management (MDM) solution for enhancing enterprise mobility and enabling BYOD initiatives. MobiControl enables organizations to centrally manage, support, secure, and track corporate-liable and employee-liable mobile devices, regardless of device type, mobile platform, and location.
SoundCloud	soundcloud-base (676) soundcloud-uploading (677)		SoundCloud is an online audio distribution platform that allows collaboration,

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			promotion and distribution of audio recordings by users. SoundCloud is an online audio distribution platform that enables its users to upload, record, promote and share their originally-created sounds. SoundCloud Uploading lets users control the action of uploading music with a distinctive URL.
SourceForge	sourceforge-base (678) sourceforge-file-transfer (679)		SourceForge is a web-based source code repository. It acts as a centralized location for software developers to control

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			and manage free and open source software development. SourceForge.net provides a File Manager as a means for projects to make files available for download by their users. In addition to the web based File Manager, SourceForge provides an interactive-shell service for managing files. Sourceforge File Transfer captures different methods to manipulate/upload and download the files and folders accessible via File Manager and shell

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
SPAMfighter	SPAMfighter (680)		SPAMfighter is a Spam filter for Outlook, Windows Mail, Windows Live Mail, Outlook Express and Thunderbird email clients. It works to protect all the email accounts on your PC against phishing, identity theft, and other email fraud.
SPDY	SPDY		SPDY.
Speedtest	Speedtest (683)		Speedtest is an application that can be used by the users to test their internet connectivity speed against hundreds of

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			geographically dispersed servers around the world. At the end of each test, users are presented with their download (the speed of data from the server to their computer) and upload (the speed of sending data from the user's computer to the server) bandwidth speeds.
Splunk	Splunk (1213)		Splunk.
Spotify	Spotify (259)		Spotify is a digital music service that gives you access to millions of songs.
SQL	Informix (415) MySQL (158) Oracle (160) PostgreSQL (159) SQL Server (157) Sybase (417)		SQL is a special-purpose

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			programming language designed for managing data held in a relational database management system (RDBMS).
SQL-server (unclassified) (181)		1433 (tcp) 1434 (udp)	Applications using the ports/protocols normally associated with SQL-server.
Srvdir	Srvdir (684)		Srvdir makes any folder a secure public HTTP file server which serves the files from that folder. Users can share, download or upload file from anywhere via public IP provided. Srvdir can be useful for testing static

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			responses to webhooks.
SSDP	SSDP (141)		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. It accomplishes this without assistance of server-based configuration mechanisms, such as the Dynamic Host Configuration Protocol (DHCP) or the Domain Name System (DNS), and without special static

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			configuration of a network host.
SSH	SSH (44)		Secure Shell (SSH) is a cryptographic network protocol for secure data communication, remote command–line login, remote command execution, and other secure network services between two networked computers.
SSH/SCP (unclassified) (175)		22 (tcp)	Applications using the ports/protocols normally associated with SSH and SCP.
streaming audio/video	ADNstream (556) ATT Services (1043) AVI (180) BAMTech		Multimedia content that is constantly

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
(596)	Media (1082) BBC News (1038) BBC Services (1039) Channel One (846) Crackle (1110) CUSeeMe (199) DAZN (853) Digicel Music (851) Digicel PlayGo (850) DirecTV (1090) Disney Radio (1113) Disney Services (1094) Eurosport Player (1031) Flash (74) Flixster (486) Fox News (1098) Fox Services (1102) Fox Sports (857) Gaana (952) HiNet (747) IcFlix (849) iFlix (847) IPTV (155) ITV (402) Ivi-Ru (845) Joyn (1050) Justin.TV (443) KanKan (843) LeTV (860) Life_Ru (954) Limelight (444) Livestream (445) Macdome (859) Megavideo (446) Megogo (971) Metacafe (447) MPEG (86) Napster (176) Nickelodeon Play (854) OGG (170) other streaming (208) PBS (1109) Photobucket (449) PPFilm (848) PPTV (908) Pro7Sat1 Services (1051) Qik (450) QuickTime (119) Radio-De (1037) Radioplayer (1025) Real (75) Receiver Radio (1034) Redbox (451) Ren-Tv (961) Rhapsody (400) Silverlight (401) Simfy (759) Sky Go (844) Spiegel Services (1030) Spiegel TV (1029) Sportbox-Ru (994) Streambox (455) Streampix (456) Streaming Audio (596) TuneIn Radio (852) Turner (858) TVPlayer (974) TVUPlayer (147) Ustream (457) Verizon Digital Media Services (1100) vevo (700) Viki (1104) WindowsMedia (148) Xing StreamWorks (191) Youku (461) youku-base (708) Youku Tudou (855) youku-uploading (709)		received by and presented to an end-user while being delivered by a provider.

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
Streetchat	Streetchat (685)		Streetchat, previously called Gaggle, is an anonymous "local message board" application that utilizes texts and photo messages of the people to communicate. It uses a geographical radius to match individuals, this app allows users in a certain radius to see the same photos or text posts. There is also an "upvote" and "downvote" system where users can vote on the quality of posts either up or down. It is popular among high school and college students for the ability to post

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			without being identified.
STUN	STUN (182)		STUN is a lightweight client–server network protocol. Its purpose is to allow an application running on a host to determine whether or not it is located behind a network device which is performing network address translation.
SurveyMonkey	SurveyMonkey (1176)		SurveyMonkey is a cloud based online survey service.
SWIPE	SWIPE (589)		IP Security Protocol.
Symantec-AV (unclassified)		2967 (tcp) 38293 (tcp)	Applications using the ports/protocols

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
(180)		2967 (udp) 38293 (udp)	normally associated with Symantec-AV.
Synology	Synology (778)		Synology's DiskStation Manager (DSM), a Linux based software package that is the operating system for the DiskStation and RackStation products. The Synology DSM is the foundation of the DiskStation, which integrates the basic functions of file sharing, centralized backup, RAID storage, multimedia streaming, virtual storage, and using the DiskStation as a network video

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			recorder.
Syslog	Syslog (53)		Syslog is a standard for computer data logging. It separates the software that generates messages from the system that stores them and the software that reports and analyzes them. Syslog can be used for computer system management and security auditing as well as generalized informational, analysis, and debugging messages. It is supported by a wide variety of devices (like printers and routers) and receivers

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			across multiple platforms. Because of this, syslog can be used to integrate log data from many different types of systems into a central repository.
Syslog (unclassified) (176)		514 (tcp) 514 (udp)	Applications using the ports/protocols normally associated with Syslog.
Syslog-TLS (unclassified)	Syslog-TLS (unclassified)		Applications using the ports/protocols normally associated with syslog-TLS.
Tableau	Tableau (687)		Tableau Software produces a family of interactive data visualization products focused on business

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			intelligence. Users can connect to any type of structured data, analyze virtually and produce highly interactive graphs, dashboards, and reports. This app-id covers Tableau Desktop, Tableau Server, and Tableau Online, which is a hosted version of Tableau Server.
TACACS (unclassified) (179)		49 (tcp) 65 (tcp) 49 (udp) 65 (udp)	Applications using the ports/protocols normally associated with TACACS.
TeamViewer	TeamViewer (243)		TeamViewer is a proprietary software application for remote control, desktop

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			sharing, online meetings, web conferencing and file transfer between computers.
Telegram	Telegram (688)		Telegram is a new messaging app where users can exchange encrypted and self-destructing messages, photos, videos and documents (all file-types supported). It is a cross-platform messenger whose clients are open source. Telegram is officially available for Android and iOS (including tablets and no-wifi devices).

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
Telepresence	Telepresence (245)		TelePresence is a product developed by Cisco Systems which provides high-definition 1080p video, spatial audio, and a setup designed to link two physically separated rooms so they resemble a single conference room regardless of location.
Telnet	Telnet (37) Reverse Telnet (188) Telnet Secure (38)		Telnet is a network protocol used on the Internet or local area networks to provide a bidirectional interactive text-oriented communication facility using a virtual terminal connection.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			User data is interspersed in-band with Telnet control information in an 8-bit byte oriented data connection over the Transmission Control Protocol (TCP).
Telnet (unclassified) (173)		23 (tcp)	Applications using the ports/protocols normally associated with Telnet.
Teredo	Teredo (258)		Teredo is a transition technology that gives full IPv6 connectivity for IPv6-capable hosts which are on the IPv4 Internet but which have no direct native connection to an IPv6 network.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
Tesla Car App	Tesla Car App (689)		The Tesla Motors app puts Model S owners in direct communication with their cars anytime, anywhere. With this app, owners can perform various functions remotely e.g. check charging progress in real time and start or stop charge; lock or unlock from afar; etc.
TFTP	TFTP (88)		Trivial File Transfer Protocol is a very simple file transfer protocol, with the functionality of a very basic form of FTP.
TFTP (unclassified)		69 (udp)	Applications using the ports/protocols

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
(177)			normally associated with TFTP.
Threema	Threema (690)		Threema is an encrypted instant messaging application for iOS and Android. It can be used to send and receive asymmetrically end-to-end encrypted instant messages, multimedia files and voice messages.
TikTok	TikTok		TikTok is a video-sharing social networking service.
Timbuktu	Timbuktu (255)		Timbuktu allows for remote control of computers.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
Tinder	Tinder (691)		Tinder is a geosocial networking and online dating application.
Tor	Tor (177)		Tor or The Onion Router is open-source software for enabling anonymous communication.
Torch Browser	Torch -browser-base (692) Torch-browser-games (694) Torch-browser-music (693)		Torch Browser is a freeware Chromium-based web browser and Internet suite developed by Torch Media. The browser handles common Internet-related tasks such as displaying websites, sharing websites via social networks, downloading torrents, accelerating

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			downloads and grabbing online media, all directly from the browser.
Trello	Trello (1180)		Trello is a web-based project management application. Source of id: Palo Alto Networks.
Trinoo	Trinoo (1214)		Trinoo.
TrueShare			TrueShare is an online file system used to securely upload, share, store, backup, and distribute files. Services include online file storage, online file sharing, and remote file backup. TrueShare

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			has the ability to handle large file sizes, and unlimited file types. It is designed to work with leading operating systems such as Mac, Windows, and Linux, as well as major web browsers.
Tunnel Protocols	GRE (122) GTP (179) IP-in-IP (83) IPSec (41) ISAKMP (134) L2TP (59) PPTP (89) SSTP (264) TVUPlayer (147)		Tunneling is when one network protocol (the delivery protocol) encapsulates a different payload protocol. By using tunneling one can (for example) carry a payload over an incompatible delivery-network, or provide a secure path

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			through an untrusted network.
Twitch	Twitch (696)		Twitch (also known as Twitch.tv) is a live streaming video platform. The site primarily focuses on video gaming, including playthroughs of video games by users, along with broadcasts of e-sports competitions. Content on the site can either be viewed live, or viewed on an on-demand basis.
Twitter	Twitter (197)		Twitter is an online social networking service and microblogging

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			service that enables its users to send and read text-based messages of up to 140 characters, known as "tweets".
Ultrahook	Ultrahook (697)		Webhooks are HTTP requests made over the web by services when certain events are triggered within the services. Many popular services (GitHub, Stripe, ActiveCampaign, Papertrail, etc) support updates via webhooks. However, since these webhook requests are made over the public web, it's difficult receive them when testing

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			from behind a firewall. Ultrahook provides a public endpoint to give to other services and tunnels requests to a private endpoint on your computer.
Unclassified	unclassified (183)		The application cannot be classified.
Undefined TCP	Undefined TCP (405)	1–65535 (tcp)	Applications using the ports/protocols normally associated with TCP.
Undefined UDP	Undefined UDP (406)	1–65535 (udp)	Applications using the ports/protocols normally associated with UDP.
uniFLOW	uniFLOW (698)		uniFLOW is a software platform for

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			print, scan, and device management.
unknown	Unknown (71)		The application cannot be identified.
UPnP	UPnP (519)		Universal Plug and Play (UPnP) is a standard that uses Internet and Web protocols to enable devices such as PCs, peripherals, intelligent appliances, and wireless devices to be plugged into a network and automatically know about each other.
Usenet NetNews	NNTP (106) NNTPS (187) Usenet		Usenet is a set of protocols for generating, storing and retrieving news

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			"articles" (which resemble Internet mail messages) and for exchanging them among a readership which is potentially widely distributed.
Vagrant	Vagrant (699)		Vagrant provides easy to configure, reproducible, and portable work environments built on top of industry-standard technology and controlled by a single consistent workflow to help maximize the productivity and flexibility of you and your team. Machines are provisioned on

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			top of VirtualBox, VMware, AWS, or any other provider. Then, industry-standard provisioning tools such as shell scripts, Chef, or Puppet, can be used to automatically install and configure software on the machine.
Viber	Viber (1130)		Viber is a cross-platform voice over IP and instant messaging software application.
Vimeo	Vimeo (459)		Vimeo is a video hosting, sharing, and services platform.
VNC	VNC (56)		Virtual Network

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			Computing is a graphical desktop-sharing system that uses the Remote Frame Buffer protocol to remotely control another computer.
VNC (unclassified)	VNC (unclassified)		Applications using the ports/protocols normally associated with VNC.
VoIP	AOL Messenger Audio (736) Blackberry Messenger (943) BOTIM (925) Bria Mobile (999) Bria Teams (1002) Chatroulette (488) Cisco Phone (244) Fring (153) Google Duo (783) H323 (82) IAX (128) Iskoot (150) MGCP (123) Nexx TV (1045) ooVoo (151) other VoIP (207) SIP (110) Sipviaheader-nat (674) Skinny (111) sipviaheader-nat (774) TokBox (910) Truphone (154) Ventrilo (266) Voip Video (579) YeeCall (958)		Voice over IP (voice over Internet Protocol, VoIP) is a methodology and group of technologies for the delivery of voice communications and multimedia sessions over Internet Protocol (IP) networks, such as

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			the Internet.
VPN Services	Act VPN (992) Actmobile Services (1006) Amaze VPN (968) AnchorFree Services (1001) AppVPN (978) ArkVPN (966) Atom VPN (965) Avast Services (913) Avira Phantom VPN (905) Browsec VPN (984) Buffered VPN (935) CheckPoint VPN (597) Dash VPN (957) DotVPN (980) DroidVPN (604) Eagle VPN (998) Easy VPN (993) Encrypt-me (981) Epic Browser Proxy (833) Fast Secure VPN (973) FastVPN Master (1014) Finch VPN (972) FireVPN (924) FrootVPN (942) GenieVPN (1011) Hi VPN (926) HideMe VPN (917) HighSpeedVPN (1016) HMA VPN (912) Hola VPN (962) Hotspot VPN (986) HTTPTunnel (403) IbVPN (960) Inventive VPN Services (1057) IPVanish(831) Ivacy VPN (929) IVPN (922) Just Proxy VPN (995) kerio-vpn (725) LinkVPN (982) Mudfish (1056) Open Super Hotspot VPN (1020) OpenVPN (84) other tunnel (246) other VPN (178) Proton VPN (915) Psiphon (828) PureVPN (930) SaferVPN (916) SecureVPN (1008) Shadowsocks (1003) Shellfire VPN (959) Snap Master VPN (1049) Snap VPN (909) SoftEthernet (142) Speed VPN Inventive (944) Speed VPN MobileAppDev (956) Steganos Online Shield VPN (939) Steganos Services (941) StrongVPN (934) SuperVPN (940) SuperVPN by Cheng (991)		A virtual private network (VPN) extends a private network across a public network, such as the Internet. It enables a computer to send and receive data across shared or public networks as if it were directly connected to the private network, while benefitting from the functionality, security and management policies of the private network.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
	Surfeasy (902) Tiger VPN (903) Touch VPN (951) TunnelBear (832) TunnelGuru (919) TunVPN (1012) Turbo VPN (906) TVUPLayer (147) Unblock Sites (1046) VeePN (996) VPN 365 (988) VPN Area (938) VPN Easy (976) VPN Gate (1000) VPN in Touch (955) VPN Master (907) VPN Master by Andro Team (1017) VPN Proxy Master (927) VPN Proxy Master Unlimited (1021) VPN Tor Browse (990) VPN Unlimited (911) VPN Unlimited Proxy (1015) VPNSecure (1091) VPN-X (827) VyprV928) ZPN VPN (1167) X-VPN (979) Zenmate VPN (829) ZOOGVPN (928)		
Watch ABC	Watch ABC (701)		Watch ABC is the rebranded abc player, which allows viewers to access live streams from a local ABC affiliate from within the app, making ABC the first U.S. broadcast network to offer this ability.
Waze	Waze (816)		Waze is a GPS

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			navigation software app owned by Google.
Web	Amazon Services (838) Google Shared Services (834) Here (837) Kinopoisk (835) Loop Caribbean Local News (839) Loop Pacific Local News (840) My Digicel (836) Vudu (460)		Websites offering content and interactive media services.
WebDAV	WebDAV (302)		Web Distributed Authoring and Versioning (WebDAV) is an extension of the Hypertext Transfer Protocol (HTTP) that facilitates collaboration between users in editing and managing documents and files stored on World Wide Web servers.
WebEx	WebEx (202)		WebEx provides on-

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			demand collaboration, online meeting, web conferencing and video conferencing.
Webex Teams	Webex Teams (1129)		Webex Teams is a communications platform used for file sharing, video meetings, white boarding, calling, and other services. Sources of id: Palo Alto Networks.
Webmail	Gmail (213) Hotmail (226) Mail-Ru (781) Yahoo Mail (214)		Webmail (or web-based email) is any email client implemented as a web application accessed via a web browser.

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
WeChat	WeChat (1127)		WeChat is a multi-purpose messaging, social media, and mobile payment app developed by Tencent.
WhatsApp	WhatsApp (1126)		WhatsApp Messenger, or simply WhatsApp, is an American freeware, cross-platform messaging and Voice over IP service owned by Facebook, Inc.
WHOIS	WHOIS (189)		WHOIS is a query and response protocol that is widely used for querying databases that store the registered users or assignees of an Internet resource,

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			such as a domain name, an IP address block, or an autonomous system, but is also used for a wider range of other information. The protocol stores and delivers database content in a human-readable format.
Wickr	Wickr (702)		Wickr is a free app that offers self-destructing, encrypted messages. Text, photo, video and audio is encrypted into indecipherable code before it leaves the device. So, it's safely guarded as it travels via airwaves and

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			wires to Wickr's computer servers and eventually to another person's device. Meanwhile, one can destroy messages by setting a timer.
Winbox	Winbox (703)		Winbox is a small program that allows users to control and monitor Mikrotik RouterOS using a fast and simple graphical user interface.
Windows Azure	Windows Azure (1163)		Windows Azure is a cloud computing platform and infrastructure, created by Microsoft, for building, deploying and managing

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			applications and services through a global network of Microsoft-managed datacenters.
Windows Remote Management	Windows Remote Management (1171)		Windows Remote Management (WinRM) is the Microsoft implementation of WS-Management Protocol, a standard Simple Object Access Protocol (SOAP)-based, firewall-friendly protocol that allows hardware and operating systems, from different vendors, to interoperate. Source of ID: Palo Alto

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			Networks.
Windows Update	WindowsUpdate (220) BITS (252)		Windows Update is a service provided by Microsoft that provides updates for the Microsoft Windows operating system and its installed components, including Internet Explorer.
Wink	Wink (704)		Wink is a popular photo sharing application that lets users share photos with friends who are in proximity. Wink lets users select application from any app – e.g. Instagram.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
WINS	WINS (574)		Windows Internet naming Service Sources of id: Palo Alto Networks, Packetshaper.
Wire Messenger	Wire Messenger (812)		Wire is an encrypted communication and collaboration app.
Wiredrive	Wiredrive (705)		Wiredrive is a cloud content management and collaboration solution for work-in-progress, asset management, and rich media presentation. Wiredrive has become the application of choice for creative professionals in the advertising, television

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			and motion-picture industries who need to upload, manage and present their digital media.
WireGuard	WireGuard (1145)		WireGuard is a free and open-source software application and communication protocol that implements virtual private network techniques to create secure point-to-point connections in routed or bridged configurations.
WordPress	WordPress (1105)		WordPress is a CMS System for multiple apps and websites.
Wyze	Wyze (1185)		Wyze is a U.S.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			company based in Seattle, Washington, U.S. that specializes in inexpensive smart home products and wireless cameras. The appid covers the traffic from Wyze camera to cloud and mobile traffic for Wyze cam. Source of id: Palo Alto Networks.
X.400	X.400 (706)		X.400 is a suite of ITU–T Recommendations that define standards for Data Communication Networks for Message Handling Systems (MHS) –

Name	Application Criteria		Description
	Secure Network Analytics Classification	**Port/Protocol**	
			more commonly known as "email". At one time X.400 was expected to be the predominant form of email, but this role has been taken by the SMTP-based Internet e-mail. Despite this, it has been widely used within organizations and was a core part of Microsoft Exchange Server until 2006; variants continue to be important in military and aviation contexts.
Xbox	Xbox (94)		Xbox is a video game console and service from Microsoft.
XMPP	XMPP (unclassified)		Applications using

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
(unclassified)			the ports/protocols normally associated with The X Window System. X Windows is a windowing system for bitmap displays, common on Unix-like operating systems.
XWindows	XWIndows (127)		The X Window System is a windowing system for bitmap displays, common on Unix-like operating systems.
XWindows (unclassified)	XWindows (unclassified)		Applications using the ports/protocols normally associated with The X Window System. X Windows is a windowing system for bitmap

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			displays, common on Unix-like operating systems.
Yahoo	Yahoo (1164)		Yahoo! is an American web services provider and search engine.
Yelp	Yelp (1123)		Yelp is a crowd-sourced local business review and social networking site.
Yik Yak	Yik Yak (707)		Yik Yak acts like a local bulletin board for your area by showing the most recent posts from other users around you. It allows anyone to connect and share information with

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			others without having to know them.
YouTube	YouTube (118)		YouTube is a video-sharing website on which users can upload, view and share videos. It uses Adobe Flash Video and HTML5 technology to display a wide variety of user-generated video content, including movie clips, TV clips, and music videos, as well as amateur content such as video blogging, short original videos, and educational videos.
YouTube Music	YouTube Music (920)		YouTube Music is a music streaming

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			service.
YoutTube TV	YouTube TV (1133)		YouTube TV is an American over-the-top internet television service that offers live TV, on demand video and cloud-based DVR. Source of ID: Palo Alto Networks.
Yunpan	Yunpan (710)		Yunpan is a cloud service provided by Baidu, Inc. It offers cloud storage service, client software, file management, resources sharing, and third Party Integration. After being created on one client terminal, files can be synchronized

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			automatically on other internet-connected client terminals. It has rebranded as Baidu Cloud on Sep 3 2012.
ZAS Communicator	ZAS Communicator (711)		ZAS Communicator is a Serverless open source P2P system for secure voice communication, text chat and file transfer over Internet. The communication is protected by strong encryption from one end of the link to the other.
Zello	Zello (728)		Zello is a direct messaging service that allows members

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
			to communicate freely either privately with individuals or over open channels that can support hundreds of thousands of users. Zello applications are push-to-talk (PTT) walkie-talkie for consumers and business and available for Android, iOS, Blackberry, Windows Phone, Windows PC, rugged mobile devices and two-way radios. It allows people to use cell phones and computers all around the world like walkie-talkies.

Name	Application Criteria		Description
	Secure Network Analytics Classification	Port/Protocol	
Zero VPN	Zero VPN (901)		Zero VPN.
Zoho	Zoho (529)		Zoho is a browser based office suite providing services for most business related tasks.
Zoom	Zoom (1041)		Zoom provides video telephony and online chat services through a cloud-based peer-to-peer software platform and is used for teleconferencing, telecommuting, distance education, and social relations.
Zynga	Zynga (434)		Zynga is a social video game services company.

Contacting Support

If you need technical support, please do one of the following:

- Contact your local Cisco Partner
- Contact Cisco Support
- To open a case by web: http://www.cisco.com/c/en/us/support/index.html
- To open a case by email: tac@cisco.com
- For phone support: 1-800-553-2447 (U.S.)
- For worldwide support numbers: https://www.cisco.com/c/en/us/support/web/tsd-cisco-worldwide-contacts.html

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