

NBAR2 Protocol Library

PB627831

Last Update: January, 2012

NBAR Protocol Library

NBAR, or Network-Based Application Recognition, is a classification engine that recognizes and classifies a wide variety of protocols and applications, including web-based and other difficult-to-classify applications and protocols that use dynamic TCP/User Datagram Protocol (UDP) port assignments.

When NBAR recognizes and classifies a protocol or application, the network can be configured to apply the appropriate quality of service (QoS) for that application or traffic with that protocol.

The **match protocol** (NBAR) command is used to classify traffic on the basis of protocols supported by NBAR. NBAR is capable of classifying the following types of protocols:

- Non-UDP and non-TCP IP protocols
- TCP and UDP protocols that use statically assigned port numbers
- TCP and UDP protocols that use statically assigned port numbers but still require stateful inspection
- TCP and UDP protocols that dynamically assign port numbers and therefore require stateful inspection

Table 1 lists the NBAR-supported protocols available in Cisco IOS® and Cisco IOS XE Software, sorted by category. This table is updated when a protocol is added to a new Cisco IOS or Cisco IOS XE release train.

Cisco IOS XE 3.6 0S: Target FCS date = March 2012

Cisco 15.2(3)T: Target FCS date = March 2012

Table 1. NBAR-Supported Protocols in Cisco IOS and Cisco IOS XE Software

Protocol/ Application	Cisco ASR1000 Series (Cisco IOS XE Release)	Cisco ISR/ISR- G2 (Cisco IOS T Train)	Category	Sub- category	Application -group	P2P Technology	Tunneled	Encrypted
flashmyspace	XE 3.1.0S - 15.0(1)S	15.2(1)T	browsing	rich-media- http-content	flash-group	n	n	n
flash-video	XE 3.1.0S - 15.0(1)S	15.2(1)T	browsing	rich-media- http-content	flash-group	n	n	n
flashyahoo	XE 3.1.0S - 15.0(1)S	15.2(1)T	browsing	rich-media- http-content	flash-group	n	n	n
gopher	XE 3.1.0S - 15.0(1)S	15.2(1)T	browsing	other	other	n	n	n
gss-http	XE 3.1.0S - 15.0(1)S	15.2(1)T	browsing	authentication -services	other	unassigned	unassigned	unassigned
http	XE 3.2.0S - 15.1(1)S	15.2(1)T	browsing	other	other	n	n	n
http-alt	XE 3.1.0S - 15.0(1)S	15.2(1)T	browsing	other	other	n	n	n

shockwave	XE 3.1.0S - 15.0(1)S	15.2(1)T	browsing	rich-media-http-content	other	n	n	n
wap-push	XE 3.1.0S - 15.0(1)S	15.2(1)T	browsing	other	wap-group	n	n	n
wap-push-http	XE 3.1.0S - 15.0(1)S	15.2(1)T	browsing	other	wap-group	n	n	n
wap-push-https	XE 3.1.0S - 15.0(1)S	15.2(1)T	browsing	other	wap-group	n	n	n
wap-pushsecure	XE 3.1.0S - 15.0(1)S	15.2(1)T	browsing	other	wap-group	n	n	n
wap-vcal	XE 3.1.0S - 15.0(1)S	15.2(1)T	browsing	other	wap-group	n	n	n
wap-vcal-s	XE 3.1.0S - 15.0(1)S	15.2(1)T	browsing	other	wap-group	n	n	y
wap-vcard	XE 3.1.0S - 15.0(1)S	15.2(1)T	browsing	other	wap-group	n	n	n
wap-vcard-s	XE 3.1.0S - 15.0(1)S	15.2(1)T	browsing	other	wap-group	n	n	y
wap-wsp	XE 3.1.0S - 15.0(1)S	15.2(1)T	browsing	other	wap-group	n	n	n
wap-wsp-s	XE 3.1.0S - 15.0(1)S	15.2(1)T	browsing	other	wap-group	n	n	n
wap-wsp-wtp	XE 3.1.0S - 15.0(1)S	15.2(1)T	browsing	other	wap-group	n	n	n
wap-wsp-wtp-s	XE 3.1.0S - 15.0(1)S	15.2(1)T	browsing	other	wap-group	n	n	y
activesync	XE 3.6.0S - 15.2(2)S	15.2(3)T	business-and-productivity-tools	client-server	other	n	n	y
afpovertcp	XE 3.5.0S - 15.2(1)S	15.2(3)T	business-and-productivity-tools	backup-systems	other	n	n	n
bacnet	XE 3.5.0S - 15.2(1)S	15.2(3)T	business-and-productivity-tools	network-management	other	n	n	n
banyan-rpc	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	banyan-group	n	n	n
banyan-vip	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	banyan-group	n	n	n
bb	XE 3.5.0S - 15.2(1)S	15.2(3)T	business-and-productivity-tools	network-management	other	n	n	n
CAllic	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	license-manager	other	n	n	n
checkpoint-cpmi	XE 3.5.0S - 15.2(1)S	15.2(3)T	business-and-productivity-tools	network-management	other	n	n	n

cisco-nac	XE 3.5.0S - 15.2(1)S	15.2(3)T	business-and-productivity-tools	internet-privacy	other	n	n	n
citrix	XE 3.4.0S - 15.1(3)S	15.2(1)T	business-and-productivity-tools	terminal	other	n	n	y
clearcase	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	other	n	n	n
coauthor	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	sqlsvr-group	n	n	n
corba-iop	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	inter-process-rpc	corba-group	n	n	n
cpq-wbem	XE 3.5.0S - 15.2(1)S	15.2(3)T	business-and-productivity-tools	network-management	other	n	n	n
custix	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
cvspserver	XE 3.5.0S - 15.2(1)S	15.2(3)T	business-and-productivity-tools	other	other	n	n	n
cvsup	XE 3.5.0S - 15.2(1)S	15.2(3)T	business-and-productivity-tools	file-sharing	other	n	n	n
cybercash	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	epayment	other	n	n	n
dantz	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
dbase	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	other	n	n	n
dcp	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	control-and-signaling	other	n	n	n
ddm-dfm	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	other	n	n	n
ddm-rdb	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	other	n	n	n
ddm-ssl	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	other	n	n	y

deos	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
disclose	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
distcc	XE 3.5.0S - 15.2(1)S	15.2(3)T	business-and-productivity-tools	client-server	other	n	n	n
dnp	XE 3.5.0S - 15.2(1)S	15.2(3)T	business-and-productivity-tools	network-management	other	n	n	n
dnsix	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	network-protocol	other	n	n	n
entrust-sps	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	authentication-services	other	n	n	n
erpc	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
fix	XE 3.4.0S - 15.1(3)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
flexlm	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	license-manager	other	n	n	n
gds_db	XE 3.5.0S - 15.2(1)S	15.2(3)T	business-and-productivity-tools	database	other	n	n	n
gkrellm	XE 3.5.0S - 15.2(1)S	15.2(3)T	business-and-productivity-tools	network-management	other	n	n	n
groove	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	voice-video-chat-collaboration	other	n	n	n
gss-xlicen	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	license-manager	other	n	n	n
hems	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
hl7	XE 3.1.0S - 15.0(1)S	15.1(2)T	business-and-productivity-tools	other	other	n	n	n
http-rpc-epmap	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n

ibm-db2	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	other	n	n	n
iiop	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	inter-process-rpc	corba-group	n	n	n
ingres-net	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	other	n	n	n
ipcserver	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
ipp	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
iso-ill	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
lanserver	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	ldap-group	n	n	y
legent-1	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
legent-2	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
matip-type-a	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
matip-type-b	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
mfcobol	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
mit-dov	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
mortgageware	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
msft-gc	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	sqlsvr-group	n	n	n
msft-gc-ssl	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	sqlsvr-group	n	n	y

ms-olap	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	sqlsvr-group	n	n	n
ms-sql-m	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	sqlsvr-group	n	n	n
mumps	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	other	n	n	n
ncp	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
ndmp	XE 3.5.0S - 15.2(1)S	15.2(3)T	business-and-productivity-tools	backup-systems	other	y	n	n
net8-cman	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	sqlsvr-group	n	n	n
objcall	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
opalis-rdv	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
oracle-bi	XE 3.5.0S - 15.2(1)S	15.2(3)T	business-and-productivity-tools	database	other	n	n	n
oraclenames	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	sqlsvr-group	n	n	n
oraclenet8cman	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	sqlsvr-group	n	n	n
ora-srv	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	sqlsvr-group	n	n	n
orbix-config	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	inter-process-rpc	corba-group	n	n	n
orbix-locator	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	inter-process-rpc	corba-group	n	n	n
orbix-loc-ssl	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	inter-process-rpc	corba-group	n	n	y
perforce	XE 3.6.0S - 15.2(2)S	15.2(1)T	business-and-productivity-tools	client-server	other	n	n	n

phonebook	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
postgresql	XE 3.5.0S - 15.2(1)S	15.2(3)T	business-and-productivity-tools	database	other	n	n	n
print-srv	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
psrserver	XE 3.5.0S - 15.2(1)S	15.2(3)T	business-and-productivity-tools	other	other	n	n	n
radmin-port	XE 3.5.0S - 15.2(1)S	15.2(3)T	business-and-productivity-tools	remote-access-terminal	other	n	n	n
rda	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	other	n	n	n
rdb-dbs-disp	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	sqlsvr-group	n	n	n
rescap	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	other	n	n	n
ris-cm	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
sap	XE 2.5.0S	15.1(2)T	business-and-productivity-tools	other	other	n	n	n
semantix	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	inter-process-rpc	corba-group	n	n	n
smartpackets	XE 3.5.0S - 15.2(1)S	15.2(3)T	business-and-productivity-tools	backup-systems	other	n	n	n
sqlexec	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	sqlsvr-group	n	n	n
sql-net	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	sqlsvr-group	n	n	n
sqlserv	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	sqlsvr-group	n	n	n
sqlserver	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	sqlsvr-group	n	n	n

sst	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	storage	other	n	n	n
streettalk	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	banyan-group	n	n	n
stx	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
sur-meas	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
swift-rvf	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	storage	other	n	n	n
synergy	XE 3.5.0S - 15.2(1)S	15.2(3)T	business-and-productivity-tools	remote-access-terminal	other	n	n	n
td-replica	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	other	n	n	n
td-service	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	other	n	n	n
tlisrv	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	sqlsvr-group	n	n	n
tserver	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
vatp	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
vemmi	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n
vpp	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	voice-video-chat-collaboration	other	n	n	n
vpps-qua	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	other	n	n	n
xact-backup	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	backup-systems	other	n	n	n
xdtp	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	other	other	n	n	n

xns-auth	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	authentication-services	xns-xerox-group	n	n	n
xns-ch	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	xns-xerox-group	n	n	n
z39.50	XE 3.1.0S - 15.0(1)S	15.2(1)T	business-and-productivity-tools	database	other	n	n	n
bmpp	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	other	n	n	n
esro-emsdp	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	other	n	n	n
eudora-set	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	other	n	n	n
exchange	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	other	n	n	n
gmail	XE 3.5.0S - 15.2(1)S	15.2(2)T	email	other	other	n	n	y
groupwise	XE 3.5.0S - 15.2(1)S	15.2(3)T	email	client-server	other	n	n	n
imap	XE 3.2.0S - 15.1(1)S	15.2(1)T	email	other	imap-group	n	n	n
imsp	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	imap-group	n	n	n
mailq	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	other	n	n	n
mapi	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	other	n	n	n
mpp	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	other	n	n	n
msexch-routing	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	other	n	n	n
msp	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	other	n	n	n
ni-mail	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	other	n	n	n
notes	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	other	n	n	n
odmr	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	smtp-group	n	n	n
pop2	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	other	n	n	n
pop3	XE 3.2.0S - 15.1(1)S	15.2(1)T	email	other	pop3-group	n	n	n
qmqp	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	other	n	n	n
qmtp	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	other	n	n	n
qotd	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	other	n	n	n
re-mail-ck	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	other	n	n	n
secure-imap	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	imap-group	n	n	y

secure-pop3	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	pop3-group	n	n	y
smtp	XE 3.3.0S - 15.1(2)S	15.2(1)T	email	other	smtp-group	n	n	n
submission	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	smtp-group	n	n	n
ulistproc	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	other	n	n	n
xns-courier	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	xns-xerox-group	n	n	n
xns-mail	XE 3.1.0S - 15.0(1)S	15.2(1)T	email	other	xns-xerox-group	n	n	n
aminet	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	other	other	n	n	n
baidu-movie	XE 3.2.0S - 15.1(1)S	15.2(1)T	file-sharing	commercial-media-distribution	other	n	n	n
bftp	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	client-server	ftp-group	n	n	n
binary-over-http	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	client-server	other	n	n	n
bittorrent	XE 3.1.0S - 15.0(1)S	15.2(2)T	file-sharing	p2p-file-transfer	bittorrent-group	y	no	n
cifs	XE 3.1.0S - 15.0(1)S	15.1(2)T	file-sharing	client-server	other	n	n	n
directconnect	XE 3.3.0S - 15.1(2)S	15.2(2)T	file-sharing	p2p-file-transfer	other	y	n	n
edonkey	XE 3.3.0S - 15.1(2)S	15.2(2)T	file-sharing	p2p-file-transfer	edonkey-emule-group	y	n	n
edonkey-static	XE 3.3.0S - 15.1(2)S	15.2(2)T	file-sharing	p2p-file-transfer	edonkey-emule-group	y	n	n
encrypted-bittorrent	XE 3.4.0S - 15.1(3)S	15.2(2)T	file-sharing	p2p-file-transfer	bittorrent-group	y	n	y
encrypted-emule	XE 3.4.0S - 15.1(3)S	15.2(2)T	file-sharing	p2p-file-transfer	edonkey-emule-group	y	n	y
fasttrack	XE 3.3.0S - 15.1(2)S	15.2(2)T	file-sharing	p2p-networking	fasttrack-group	y	n	n
fasttrack-static	XE 3.3.0S - 15.1(2)S	15.2(2)T	file-sharing	p2p-file-transfer	fasttrack-group	y	n	n
fatserv	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	other	other	n	n	n
filetopia	XE 3.2.0S - 15.1(1)S	15.2(1)T	file-sharing	p2p-file-transfer	other	y	n	y
ftp	XE 3.3.0S - 15.1(2)S	15.2(2)T	file-sharing	client-server	ftp-group	n	n	n
ftp-agent	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	other	ftp-group	n	n	n
ftp-data	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	client-server	ftp-group	n	n	n
ftps-data	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	other	ftp-group	n	n	y
gnutella	XE 3.3.0S - 15.1(2)S	15.2(2)T	file-sharing	p2p-file-transfer	gnutella-group	y	n	n

goboogy	XE 3.5.0S - 15.2(1)S	15.2(3)T	file-sharing	other	other	y	n	n
gridftp	XE 3.5.0S - 15.2(1)S	15.2(3)T	file-sharing	client-server	ftp-group	n	n	y
gsift	XE 3.6.0S - 15.2(2)S	15.2(3)T	file-sharing	client-server	ftp-group	n	n	y
gtalk-ft	XE 3.5.0S - 15.2(1)S	15.2(3)T	file-sharing	file-sharing	gtalk-group	n	n	n
guruguru	XE 3.2.0S - 15.1(1)S	15.2(1)T	file-sharing	other	other	n	n	n
itunes	XE 3.2.0S - 15.1(1)S	15.2(1)T	file-sharing	commercial-media-distribution	other	n	n	n
kazaa2	XE 2.5.0S	15.1(2)T	file-sharing	p2p-file-transfer	fasttrack-group	y	n	n
konspire2b	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	p2p-file-transfer	other	y	n	n
manolito	XE 3.2.0S - 15.1(1)S	15.2(1)T	file-sharing	p2p-file-transfer	other	y	n	n
mftp	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	p2p-file-transfer	other	y	n	n
microsoftds	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	client-server	netbios-group	n	n	n
my-jabber-ft	XE 3.2.0S - 15.1(1)S	15.2(1)T	file-sharing	other	my-jabber-group	n	n	n
napster	XE 3.2.0S - 15.1(1)S	15.2(1)T	file-sharing	commercial-media-distribution	other	y	n	n
netapp-snapmirror	XE 3.6.0S - 15.2(2)S	15.2(2)T	file-sharing	backup-systems	other	n	n	n
netware-ip	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	other	other	n	n	n
networking-gnutella	XE 3.3.0S - 15.1(2)S	15.2(2)T	file-sharing	p2p-networking	gnutella-group	y	n	n
ni-ftp	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	client-server	ftp-group	n	n	n
novastorbakcup	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	backup-systems	other	n	n	n
pando	XE 3.2.0S - 15.1(1)S	15.2(1)T	file-sharing	p2p-file-transfer	other	y	n	n
pftp	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	other	other	n	n	n
poco	XE 3.2.0S - 15.1(1)S	15.2(1)T	file-sharing	commercial-media-distribution	other	y	n	n
qft	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	other	other	n	n	n
rcp	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	client-server	other	n	n	n
remotefs	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	storage	other	n	n	n
rushd	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	network-management	other	n	n	n
saft	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	other	other	n	n	n
secure-ftp	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	client-server	ftp-group	n	n	y

sftp	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	client-server	ftp-group	n	n	n
sift-uft	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	other	other	n	n	n
songsari	XE 3.2.0S - 15.1(1)S	15.2(1)T	file-sharing	commercial-media-distribution	other	y	n	n
soribada	XE 3.2.0S - 15.1(1)S	15.2(1)T	file-sharing	commercial-media-distribution	other	y	n	n
soulseek	XE 3.3.0S - 15.1(2)S	15.2(2)T	file-sharing	other	other	n	n	n
subntbcst_tftp	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	client-server	tftp-group	n	n	n
svn	XE 3.5.0S - 15.2(1)S	15.2(3)T	file-sharing	file-sharing	other	n	n	n
tftp	XE 3.2.0S - 15.1(1)S	15.2(1)T	file-sharing	client-server	tftp-group	n	n	n
tomatopang	XE 3.2.0S - 15.1(1)S	15.2(1)T	file-sharing	p2p-file-transfer	other	y	n	n
uucp-path	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	other	other	n	n	n
vmpwscs	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	network-management	other	n	n	n
waste	XE 3.3.0S - 15.1(2)S	15.2(2)T	file-sharing	p2p-file-transfer	other	y	n	y
webthunder	XE 3.2.0S - 15.1(1)S	15.2(1)T	file-sharing	p2p-file-transfer	other	y	n	n
winmx	XE 3.3.0S - 15.1(2)S	15.2(2)T	file-sharing	p2p-file-transfer	other	y	n	n
winny	XE 3.5.0S - 15.2(1)S	15.2(3)T	file-sharing	p2p-file-transfer	p2p-file-transfer	y	n	n
zannet	XE 3.1.0S - 15.0(1)S	15.2(1)T	file-sharing	client-server	other	n	n	n
blizwow	XE 3.1.0S - 15.0(1)S	15.2(1)T	gaming	other	other	n	n	n
bnet	XE 3.1.0S - 15.0(1)S	15.2(1)T	gaming	voice-video-chat-collaboration	other	n	n	n
directplay	XE 3.1.0S - 15.0(1)S	15.2(1)T	gaming	voice-video-chat-collaboration	other	n	n	n
directplay8	XE 3.1.0S - 15.0(1)S	15.2(1)T	gaming	other	other	n	n	n
doom	XE 3.1.0S - 15.0(1)S	15.2(1)T	gaming	other	other	n	n	n
game-spy	XE 3.6.0S - 15.2(2)S	15.2(3)T	gaming	other	other	n	n	n
kali	XE 3.1.0S - 15.0(1)S	15.2(1)T	gaming	other	other	n	n	n
maplestory	XE 3.2.0S - 15.1(1)S	15.2(1)T	gaming	other	other	n	n	n
parsec-game	XE 3.1.0S - 15.0(1)S	15.2(1)T	gaming	other	other	n	n	n
xfire	XE 3.5.0S - 15.2(1)S	15.2(3)T	gaming	other	other	n	n	n

acr-nema	XE 3.1.0S - 15.0(1)S	15.2(1)T	industrial-protocols	other	other	n	n	n
asa-appl-proto	XE 3.1.0S - 15.0(1)S	15.2(1)T	industrial-protocols	other	other	n	n	n
cab-protocol	XE 3.1.0S - 15.0(1)S	15.2(1)T	industrial-protocols	other	other	unassigned	unassigned	unassigned
datex-asn	XE 3.1.0S - 15.0(1)S	15.2(1)T	industrial-protocols	control-and-signaling	other	n	n	n
dicom	XE 3.1.0S - 15.0(1)S	15.1(2)T	industrial-protocols	other	other	n	n	n
embl-ndt	XE 3.1.0S - 15.0(1)S	15.2(1)T	industrial-protocols	other	other	n	n	n
ieee-mms	XE 3.1.0S - 15.0(1)S	15.2(1)T	industrial-protocols	other	other	n	n	n
ieee-mms-ssl	XE 3.1.0S - 15.0(1)S	15.2(1)T	industrial-protocols	other	other	n	n	y
mondex	XE 3.1.0S - 15.0(1)S	15.2(1)T	industrial-protocols	epayment	other	n	n	n
mptn	XE 3.1.0S - 15.0(1)S	15.2(1)T	industrial-protocols	remote-access-terminal	other	n	n	n
opc-job-start	XE 3.1.0S - 15.0(1)S	15.2(1)T	industrial-protocols	other	other	n	n	n
opc-job-track	XE 3.1.0S - 15.0(1)S	15.2(1)T	industrial-protocols	other	other	n	n	n
pawserv	XE 3.1.0S - 15.0(1)S	15.2(1)T	industrial-protocols	other	other	unassigned	unassigned	unassigned
pdap	XE 3.1.0S - 15.0(1)S	15.2(1)T	industrial-protocols	other	other	n	n	n
prm-nm	XE 3.1.0S - 15.0(1)S	15.2(1)T	industrial-protocols	control-and-signaling	prm-group	n	n	n
prm-sm	XE 3.1.0S - 15.0(1)S	15.2(1)T	industrial-protocols	control-and-signaling	prm-group	n	n	n
spsc	XE 3.1.0S - 15.0(1)S	15.2(1)T	industrial-protocols	control-and-signaling	other	n	n	n
unidata-ldm	XE 3.1.0S - 15.0(1)S	15.2(1)T	industrial-protocols	other	other	n	n	n
ups	XE 3.1.0S - 15.0(1)S	15.2(1)T	industrial-protocols	control-and-signaling	other	n	n	n
aol-messenger	XE 3.3.0S - 15.1(2)S	15.2(1)T	instant-messaging	voice-video-chat-collaboration	other	n	n	n
aol-protocol	XE 3.3.0S - 15.1(2)S	15.2(2)T	instant-messaging	voice-video-chat-collaboration	other	n	n	n
conference	XE 3.1.0S - 15.0(1)S	15.2(1)T	instant-messaging	voice-video-chat-collaboration	other	n	n	n
cuseeme	XE 2.3.0S	15.1(2)T	instant-messaging	voice-video-chat-collaboration	other	n	n	n
fring	XE 3.6.0S - 15.2(2)S	15.2(1)T	instant-messaging	voice-video-chat-collaboration	fring-group	y	n	n
gtalk	XE 3.5.0S - 15.2(1)S	15.2(2)T	instant-messaging	voice-video-chat-collaboration	gtalk-group	n	n	n

gtalk-chat	XE 3.5.0S - 15.2(1)S	15.2(2)T	instant-messaging	client-server	gtalk-group	n	n	n
icq	XE 3.3.0S - 15.1(2)S	15.2(2)T	instant-messaging	voice-video-chat-collaboration	icq-group	n	n	n
irc	XE 3.2.0S - 15.1(1)S	15.2(1)T	instant-messaging	voice-video-chat-collaboration	irc-group	n	n	n
irc-serv	XE 3.1.0S - 15.0(1)S	15.2(1)T	instant-messaging	voice-video-chat-collaboration	irc-group	n	n	n
msn-messenger	XE 3.3.0S - 15.1(2)S	15.2(2)T	instant-messaging	voice-video-chat-collaboration	windows-live-messenger-group	n	n	n
msnp	XE 3.1.0S - 15.0(1)S	15.2(1)T	instant-messaging	voice-video-chat-collaboration	windows-live-messenger-group	n	n	n
netwall	XE 3.1.0S - 15.0(1)S	15.2(1)T	instant-messaging	voice-video-chat-collaboration	other	n	n	n
ntalk	XE 3.1.0S - 15.0(1)S	15.2(1)T	instant-messaging	voice-video-chat-collaboration	other	n	n	n
secure-irc	XE 3.1.0S - 15.0(1)S	15.2(1)T	instant-messaging	voice-video-chat-collaboration	irc-group	n	n	y
talk	XE 3.1.0S - 15.0(1)S	15.2(1)T	instant-messaging	voice-video-chat-collaboration	other	n	n	n
xmpp-client	XE 3.5.0S - 15.2(1)S	15.2(3)T	instant-messaging	client-server	other	n	n	n
yahoo-messenger	XE 3.3.0S - 15.1(2)S	15.2(2)T	instant-messaging	voice-video-chat-collaboration	yahoo-messenger-group	n	n	n
cryptoadmin	XE 3.1.0S - 15.0(1)S	15.2(1)T	internet-privacy	authentication-services	other	n	n	n
entrust-ash	XE 3.1.0S - 15.0(1)S	15.2(1)T	internet-privacy	authentication-services	other	n	n	n
entrust-kmsh	XE 3.1.0S - 15.0(1)S	15.2(1)T	internet-privacy	authentication-services	other	n	n	n
gtp-user	XE 3.1.0S - 15.0(1)S	15.2(1)T	internet-privacy	tunneling-protocols	other	n	y	n
ipsec	XE 3.3.0S - 15.1(2)S	15.2(2)T	internet-privacy	tunneling-protocols	ipsec-group	n	y	y
isakmp	XE 3.3.0S - 15.1(2)S	15.2(2)T	internet-privacy	tunneling-protocols	ipsec-group	n	y	y
keyserver	XE 3.1.0S - 15.0(1)S	15.2(1)T	internet-privacy	authentication-services	other	n	n	n
openvpn	XE 3.5.0S - 15.2(1)S	15.2(2)T	internet-privacy	tunneling-protocols	other	n	y	n
pptp	XE 3.2.0S - 15.1(1)S	15.2(1)T	internet-privacy	tunneling-protocols	other	n	y	y
sdnskmp	XE 3.1.0S - 15.0(1)S	15.2(1)T	internet-privacy	control-and-signaling	other	n	n	n
secure-http	XE 3.2.0S - 15.1(1)S	15.2(1)T	internet-privacy	other	other	n	n	y

socks	XE 3.1.0S - 15.0(1)S	15.2(1)T	internet-privacy	other	other	n	n	n
ssl	XE 3.5.0S - 15.2(1)S	15.2(3)T	internet-privacy	other	other	n	y	y
tinc	XE 3.1.0S - 15.0(1)S	15.2(1)T	internet-privacy	tunneling-protocols	other	n	y	y
tor	XE 3.5.0S - 15.2(1)S	15.2(3)T	internet-privacy	client-server	other	y	n	y
tunnel-http	XE 3.2.0S - 15.1(1)S	15.2(1)T	internet-privacy	tunneling-protocols	other	n	y	n
websense	XE 3.5.0S - 15.2(1)S	15.2(3)T	internet-privacy	internet-privacy	other	n	n	n
stp	XE 3.1.0S - 15.0(1)S	15.2(1)T	layer2	routing-protocol	other	n	n	n
3pc	XE 3.1.0S - 15.0(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
an	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
argus	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
aris	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
ax25	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
bbnrccmon	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
bna	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
br-sat-mon	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
cbt	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
cftp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
chaos	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
compaq-peer	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
cphb	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
cpnx	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
crtf	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
dcn-meas	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
ddp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
ddx	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
dgp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
emcon	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
encap	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned

etherip	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
fire	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
ggp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	n	n	n
gmtp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
hmp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
hopopt	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
iatp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
idpr	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	routing-protocol	other	unassigned	unassigned	unassigned
idpr-cmtp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
idrp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	routing-protocol	other	unassigned	unassigned	unassigned
ifmp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
igrp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	routing-protocol	other	unassigned	unassigned	unassigned
il	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
i-nlsp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
ipcomp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
ipcv	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
ipinip	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	n	y	n
ipip	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	tunneling-protocols	other	n	y	n
ippc	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
ipv6-frag	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
ipv6-icmp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
ipv6inip	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	tunneling-protocols	other	n	y	n
ipv6-nonxt	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
ipv6-opts	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
ipv6-route	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
ipx-in-ip	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	tunneling-protocols	other	n	y	n
irtp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
isis	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	routing-protocol	other	unassigned	unassigned	unassigned

iso-tp4	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
larp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
leaf-1	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
leaf-2	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
merit-inp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
mfe-nsp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
micp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
mobile	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	n	y	n
mtp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
mux	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
narp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
netblt	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
nsfnet-igp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
nvp-ii	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
pgm	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
pim	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	routing-protocol	other	unassigned	unassigned	unassigned
pnni	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	routing-protocol	other	unassigned	unassigned	unassigned
prm	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
ptp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
pup	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
pvp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
qnx	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
rdp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
rvd	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
sat-expak	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
sat-mon	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
scc-sp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
scps	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned

sdrp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	routing-protocol	other	unassigned	unassigned	unassigned
secure-vmtp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
skip	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
sm	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
smp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
snp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
sprite-rpc	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
srp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
st	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
sun-nd	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
swipe	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
tcf	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
texar	XE 3.1.0S - 15.0(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
tlsp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
tp++	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
trunk-1	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
trunk-2	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
ttp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
uti	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
visa	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
vmtp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
vrrp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
wb-expak	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
wb-mon	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
wsn	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
xnet	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned
xns-idp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	xns-xerox-group	unassigned	unassigned	unassigned
xtp	XE 3.2.0S - 15.1(1)S	15.2(1)T	layer3-over-ip	other	other	unassigned	unassigned	unassigned

google-earth	XE 3.2.0S - 15.1(1)S	15.2(1)T	location-based-services	other	other	n	n	n
914c/g	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	remote-access-terminal	other	n	n	n
9pfs	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	storage	other	n	n	n
acap	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
agentx	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	snmp-group	n	n	n
alpes	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	remote-access-terminal	other	n	n	n
aadv	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	routing-protocol	other	n	n	n
apertus-ldp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	other	other	no	no	no
aruba-papi	XE 3.5.0S - 15.2(1)S	15.2(3)T	net-admin	network-management	other	n	n	n
asipregistry	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
asip-webadmin	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
at-3	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-protocol	apple-talk-group	n	n	n
at-5	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-protocol	apple-talk-group	n	n	n
at-7	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-protocol	apple-talk-group	n	n	n
at-8	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-protocol	apple-talk-group	n	n	n
at-echo	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-protocol	apple-talk-group	n	n	n
at-nbp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-protocol	apple-talk-group	n	n	n
at-rtmp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	routing-protocol	apple-talk-group	n	n	n
at-zis	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-protocol	apple-talk-group	n	n	n
auditd	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
aurp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	routing-protocol	other	n	y	n
auth	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
ayiya-ipv6-tunneled	XE 3.2.0S - 15.1(1)S	15.1(3)T	net-admin	network-management	other	n	y	n
bgmp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	routing-protocol	other	n	n	n
bgp	XE 3.1.0S - 15.0(1)S	12.4(1)M	net-admin	routing-protocol	other	n	n	n
cdc	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	other	n	n	n
chargen	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n

chshell	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	remote-access-terminal	other	n	n	n
cisco-fna	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-protocol	other	n	n	n
cisco-sys	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-protocol	other	n	n	n
cisco-tdp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	routing-protocol	other	n	n	n
cisco-tna	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-protocol	other	n	n	n
cloanto-net-1	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	license-manager	other	n	n	unassigned
cmip-agent	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
cmip-man	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
codaaauth2	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	other	n	n	n
compressnet	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
crs	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	other	n	n	n
csnet-ns	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	naming-services	other	n	n	n
ctf	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-protocol	other	n	n	n
cvc_hostd	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	other	n	n	n
cycleserv	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
cycleserv2	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
daytime	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
decauth	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	other	n	n	n
decvms-sysmgt	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
dhcp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
dhcp-failover	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
dhcp-failover2	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
dhcpv6-client	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
dhcpv6-server	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
dht	XE 3.2.0S - 15.1(1)S	15.2(1)T	net-admin	other	other	n	n	n
discard	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	other	other	n	n	n
dns	XE 3.4.0S - 15.1(3)S	15.2(1)T	net-admin	naming-services	other	n	n	n

dtk	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	other	other	n	n	n
dwr	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	routing-protocol	other	n	n	n
echo	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
egp	XE 3.1.0S - 15.0(1)S	12.4(1)M	net-admin	routing-protocol	other	n	n	n
eigrp	XE 3.1.0S - 15.0(1)S	12.4(1)M	net-admin	routing-protocol	other	n	n	n
elcsd	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	unassigned	unassigned	unassigned
entrust-aaas	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	other	n	n	n
entrust-aams	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	other	n	n	n
exec	XE 3.6.0S - 15.2(2)S	15.2(2)T	net-admin	remote-access-terminal	other	n	n	n
fcg	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	storage	other	n	n	n
finger	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
fln-spx	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	remote-access-terminal	other	n	n	n
gacp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	routing-protocol	other	n	n	n
gdomap	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	other	other	n	n	n
go-login	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	other	n	n	n
gre	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	tunneling-protocols	other	n	y	n
ha-cluster	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
hassle	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	remote-access-terminal	other	n	n	n
hdap	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	other	n	n	n
hello-port	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	routing-protocol	other	n	n	n
hmmp-ind	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
hmmp-op	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
hostname	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	naming-services	other	n	n	n
hp-alarm-mgr	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
hp-collector	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
hp-managed-node	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
http-mgmt	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n

icmp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
isatap-ipv6-tunneled	XE 3.2.0S - 15.1(1)S	15.1(3)T	net-admin	network-management	other	n	y	n
iso-ip	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	other	other	n	n	n
iso-tp0	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	other	other	n	n	n
kerberos	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	kerberos-group	n	n	n
klogin	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	terminal	other	n	n	n
kpasswd	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	kerberos-group	n	n	y
kshell	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	terminal	other	n	n	n
l2tp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	tunneling-protocols	other	n	y	n
ldap	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	ldap-group	n	n	n
ldp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	routing-protocol	other	n	n	n
lockd	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	inter-process-rpc	other	n	n	n
login	XE 3.6.0S - 15.2(2)S	15.2(2)T	net-admin	remote-access-terminal	other	n	n	n
mac-srvr-admin	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
masqdiabler	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
micromuse-lm	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
mobileip-agent	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	routing-protocol	other	n	n	n
monitor	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
mrm	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
msdp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	routing-protocol	other	n	n	n
ms-wbt	XE 3.4.0S - 15.1(3)S	15.2(1)T	net-admin	remote-access-terminal	other	n	n	n
ms-win-dns	XE 3.6.0S - 15.2(2)S	15.2(2)T	net-admin	naming-services	other	n	n	n
mylex-mapd	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	other	other	n	n	n
mysql	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	database	sqlsvr-group	n	n	n
name	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
namp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	routing-protocol	other	n	n	n
nas	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n

ndsauth	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	other	n	n	n
nest-protocol	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	remote-access-terminal	other	n	n	n
net-assistant	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	remote-access-terminal	other	n	n	n
netbios	XE 3.2.0S - 15.1(1)S	15.2(1)T	net-admin	naming-services	netbios-group	n	n	n
netrjs-1	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
netrjs-2	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
netrjs-3	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
netrjs-4	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
netviewdm1	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
netviewdm2	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
netviewdm3	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
netvmg-traceroute	XE 3.5.0S - 15.2(1)S	15.2(3)T	net-admin	control-and-signaling	other	n	n	n
new-rwho	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
nextstep	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	remote-access-terminal	other	n	n	n
nfs	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	other	other	n	n	n
nicname	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
nlogin	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	remote-access-terminal	other	n	n	n
nmap	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
novadigm	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	terminal	other	n	n	n
npmp-gui	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	npmp-group	n	n	n
npmp-local	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	npmp-group	n	n	n
npmp-trap	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	npmp-group	n	n	n
nqs	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
nsrmp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
nss-routing	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	routing-protocol	other	n	n	n
ntp	XE 3.2.0S - 15.1(1)S	15.2(1)T	net-admin	network-management	other	n	n	n

nxdedit	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	other	n	n	n
olsr	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	routing-protocol	other	n	n	n
opalis-robot	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
openvms-sysipc	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	other	other	n	n	n
ospf	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	routing-protocol	other	n	n	n
osu-nms	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
passgo	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	other	n	n	n
passgo-tivoli	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
password-chg	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
pcanywhere	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	terminal	other	n	n	n
photuris	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	other	n	n	n
pim-rp-disc	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	routing-protocol	other	n	n	n
ping	XE 3.5.0S - 15.2(1)S	15.2(3)T	net-admin	network-protocol	other	n	n	n
pkix-3-ca-ra	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	other	n	n	n
pkix-timestamp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	other	n	n	n
prospero	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	database	other	n	n	n
ptp-event	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
purenoise	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	terminal	other	n	n	y
pwdgen	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	other	n	n	n
qbikgdp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
quotad	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
radius	XE 3.2.0S - 15.1(1)S	15.2(1)T	net-admin	authentication-services	other	n	n	n
rcmd	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	terminal	other	n	n	n
rip	XE 3.2.0S - 15.1(1)S	15.2(1)T	net-admin	routing-protocol	other	n	n	n
ripng	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	routing-protocol	other	n	n	n
rje	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
rlp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
rlzdbase	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	storage	other	n	n	n

rmonitor	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
rmt	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	terminal	other	n	n	n
rpc2portmap	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	control-and-signaling	other	n	n	n
rrh	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	routing-protocol	other	n	n	n
rrp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
rsh-spx	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	remote-access-terminal	other	n	n	n
rsvp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
rsvp_tunnel	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	control-and-signaling	other	n	y	n
rsync	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	other	other	n	n	n
rtelnet	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	remote-access-terminal	other	n	n	n
sco-dtmgr	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
scohelp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	other	other	n	n	n
sco-inetmgr	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
sco-sysmgr	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
sco-websrvrmg3	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	unassigned	n	n
sco-websrvrmgr	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
secure-ldap	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	ldap-group	n	n	y
secure-telnet	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	terminal	other	n	n	y
server-ipx	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-protocol	other	n	n	n
sflow	XE 3.5.0S - 15.2(1)S	15.2(3)T	net-admin	control-and-signaling	other	n	n	n
sgmp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
sgmp-traps	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
shell	XE 3.6.0S - 15.2(2)S	15.2(2)T	net-admin	remote-access-terminal	other	n	n	n
shrinkwrap	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	other	n	n	n
sixtofour-ipv6-tunneled	XE 3.2.0S - 15.1(1)S	15.1(3)T	net-admin	tunneling-protocols	other	n	y	n
smsp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
snare	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n

snmp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	snmp-group	n	n	n
sntp-heartbeat	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
softros-messenger-ft	XE 3.5.0S - 15.2(1)S	15.2(3)T	net-admin	file-sharing	other	y	n	n
sqlnet	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	database	sqlsvr-group	n	n	n
sqlsrv	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	database	sqlsvr-group	n	n	n
src	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
srmp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
ssh	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	terminal	other	n	y	y
sshell	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	remote-access-terminal	other	n	n	y
statsrv	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
stun-nat	XE 3.1.0S - 15.0(1)S	15.1(3)T	net-admin	network-management	stun-group	n	n	n
stuns	XE 3.5.0S - 15.2(1)S	15.2(3)T	net-admin	network-management	stun-group	n	n	y
sun-dr	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
sunrpc	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	other	other	n	n	n
supdup	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	remote-access-terminal	other	n	n	n
svrloc	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	control-and-signaling	other	unassigned	unassigned	unassigned
synoptics-trap	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	snmp-group	n	n	n
synotics-broker	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	snmp-group	n	n	n
synotics-relay	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	snmp-group	n	n	n
syslog	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
systat	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
tacacs	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	authentication-services	other	n	n	n
tell	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	voice-video-chat-collaboration	other	n	n	n
telnet	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	terminal	other	n	n	n
teredo-ipv6-tunneled	XE 3.2.0S - 15.1(1)S	15.1(3)T	net-admin	tunneling-protocols	other	n	y	n
timbuktu	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	remote-access-terminal	other	n	n	n

time	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
timed	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
ulp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
urm	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
utime	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
uucp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	client-server	other	n	n	n
uucp-rlogin	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	client-server	other	n	n	n
uuidgen	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	other	other	n	n	n
vnc	XE 2.3.0S	15.1(2)T	net-admin	remote-access-terminal	vnc-group	n	n	n
vnc-http	XE 3.6.0S - 15.2(2)S	15.2(2)T	net-admin	remote-access-terminal	vnc-group	n	n	n
whoami	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
whois++	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	other	n	n	n
windows-update	XE 3.4.0S - 15.1(3)S	15.2(1)T	net-admin	other	other	n	n	y
xdmcp	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	remote-access-terminal	other	n	n	n
xns-time	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	network-management	xns-xerox-group	n	n	n
xwindows	XE 3.1.0S - 15.0(1)S	15.2(1)T	net-admin	terminal	other	n	n	n
netnews	XE 3.1.0S - 15.0(1)S	15.2(1)T	newsgroup	other	nntp-group	n	n	n
nnspp	XE 3.1.0S - 15.0(1)S	15.2(1)T	newsgroup	other	nntp-group	n	n	n
nntp	XE 3.2.0S - 15.1(1)S	15.2(1)T	newsgroup	other	nntp-group	n	n	n
secure-nntp	XE 3.1.0S - 15.0(1)S	15.2(1)T	newsgroup	other	nntp-group	n	n	y
hap	XE 3.1.0S - 15.0(1)S	15.2(1)T	trojan	other	other	n	n	n
mecomm	XE 3.1.0S - 15.0(1)S	15.2(1)T	trojan	other	other	n	n	n
trino	XE 3.5.0S - 15.2(1)S	15.2(3)T	trojan	other	other	n	n	n
appleqt	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	streaming	other	n	n	n
appleqtcsrvr	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	streaming	other	n	n	n
audio-over-http	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	streaming	other	n	n	n

babelgum	XE 3.2.0S - 15.1(1)S	15.2(1)T	voice-and-video	commercial-media-distribution	other	n	n	n
cisco-ip-camera	XE 3.5.0S - 15.2(1)S	15.2(3)T	voice-and-video	streaming	other	n	y	n
cisco-phone	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	voice-video-chat-collaboration	other	n	n	n
cooltalk	XE 3.5.0S - 15.2(1)S	15.2(3)T	voice-and-video	voice-video-chat-collaboration	other	n	n	n
directv-catlg	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	commercial-media-distribution	other	n	n	n
directv-soft	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	commercial-media-distribution	other	n	n	n
directv-tick	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	commercial-media-distribution	other	n	n	n
directv-web	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	commercial-media-distribution	other	n	n	n
fring-video	XE 3.6.0S - 15.2(2)S	15.2(2)T	voice-and-video	voice-video-chat-collaboration	fring-group	y	n	n
fring-voip	XE 3.3.0S - 15.1(2)S	15.2(2)T	voice-and-video	voice-video-chat-collaboration	fring-group	y	n	n
gtalk-video	XE 3.5.0S - 15.2(1)S	15.2(3)T	voice-and-video	voice-video-chat-collaboration	gtalk-group	n	n	n
gtalk-voip	XE 3.5.0S - 15.2(1)S	15.2(3)T	voice-and-video	voice-video-chat-collaboration	gtalk-group	n	n	n
h323	XE 2.1.0S	15.1(2)T	voice-and-video	control-and-signaling	other	n	n	n
iasd	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	other	other	n	n	n
iax	XE 3.5.0S - 15.2(1)S	15.2(3)T	voice-and-video	voice-video-chat-collaboration	other	y	n	n
kuro	XE 3.3.0S - 15.1(2)S	15.2(2)T	voice-and-video	streaming	other	unassigned	unassigned	unassigned
livemeeting	XE 3.5.0S - 15.2(1)S	15.2(3)T	voice-and-video	voice-video-chat-collaboration	other	n	n	y
livestation	XE 3.6.0S - 15.2(2)S	15.2(3)T	voice-and-video	streaming	other	n	n	n
megavideo	XE 3.5.0S - 15.2(1)S	15.2(3)T	voice-and-video	streaming	flash-group	n	n	n
mgcp	XE 3.2.0S - 15.1(1)S	15.2(1)T	voice-and-video	control-and-signaling	other	n	n	n
netflix	XE 3.5.0S - 15.2(1)S	15.2(3)T	voice-and-video	streaming	other	n	n	n
netshow	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	streaming	other	n	n	n
nmsp	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	streaming	other	n	n	n

philips-vc	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	voice-video-chat-collaboration	other	n	n	n
ppstream	XE 3.3.0S - 15.1(2)S	15.2(1)T	voice-and-video	streaming	other	y	n	n
rdt	XE 3.5.0S - 15.2(1)S	15.2(3)T	voice-and-video	streaming	other	n	n	n
rhapsody	XE 3.6.0S - 15.2(2)S	15.2(3)T	voice-and-video	streaming	other	n	n	n
rtcp	XE 3.6.0S - 15.2(2)S	15.2(3)T	voice-and-video	control-and-signaling	other	n	n	n
rtmp	XE 3.4.0S - 15.1(3)S	15.2(2)T	voice-and-video	streaming	flash-group	n	n	n
rtmpe	XE 3.5.0S - 15.2(1)S	15.2(2)T	voice-and-video	streaming	flash-group	n	n	y
rtp	XE 3.3.0S - 15.1(2)S	15.2(2)T	voice-and-video	streaming	other	n	n	n
rtsp	XE 3.4.0S - 15.1(3)S	15.2(2)T	voice-and-video	streaming	other	n	n	n
rtspS	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	streaming	other	n	n	y
sgcp	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	control-and-signaling	other	n	n	n
silc	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	voice-video-chat-collaboration	other	n	n	n
sip	XE 3.2.0S - 15.1(1)S	15.2(1)T	voice-and-video	control-and-signaling	other	n	n	n
skinny	XE 3.2.0S - 15.1(1)S	15.2(1)T	voice-and-video	control-and-signaling	skinny-group	n	n	n
skype	XE 3.3.0S - 15.1(2)S	15.2(2)T	voice-and-video	voice-video-chat-collaboration	skype-group	y	n	n
sling	XE 3.2.0S - 15.1(1)S	15.2(1)T	voice-and-video	commercial-media-distribution	other	n	n	n
sopcast	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	commercial-media-distribution	other	y	n	n
ss7ns	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	control-and-signaling	other	n	n	n
streamwork	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	streaming	other	n	n	n
teamspeak	XE 3.2.0S - 15.1(1)S	15.2(1)T	voice-and-video	voice-video-chat-collaboration	other	n	n	n
telepresence-control	XE 3.2.0S - 15.1(1)S	15.2(1)T	voice-and-video	control-and-signaling	telepresenc e-group	n	n	n
telepresence-media	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	voice-video-chat-collaboration	telepresenc e-group	n	n	n
tpip	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	control-and-signaling	other	n	n	n
vdolive	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	streaming	other	n	n	n
ventrilo	XE 3.2.0S - 15.1(1)S	15.2(1)T	voice-and-video	voice-video-chat-collaboration	other	n	n	n

viber	XE 3.5.0S - 15.2(1)S	15.2(3)T	voice-and-video	voice-video-chat-collaboration	other	n	n	n
video-over-http	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	streaming	other	n	n	n
webex-meeting	XE 3.4.0S - 15.1(3)S	15.2(1)T	voice-and-video	voice-video-chat-collaboration	webex-group	n	n	y
yahoo-voip-messenger	XE 3.3.0S - 15.1(2)S	15.2(2)T	voice-and-video	voice-video-chat-collaboration	yahoo-messenger-group	n	n	n
yahoo-voip-over-sip	XE 3.4.0S - 15.1(3)S	15.2(2)T	voice-and-video	voice-video-chat-collaboration	yahoo-messenger-group	n	n	n
youtube	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	streaming	flash-group	n	n	n
zattoo	XE 3.1.0S - 15.0(1)S	15.2(1)T	voice-and-video	commercial-media-distribution	other	n	n	n
applejuice	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
avocent	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
esignal	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
hamachi	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
heroix-longitude	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
MobilitySrv	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
ncube-lm	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
netop-remote-control	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
p10	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
steam	XE 3.5.0S - 15.2(1)S	15.2(2)T	other	other	other	unassigned	unassigned	unassigned
sybase	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
teamsound	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
tesla-sys-msg	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
tradedstation	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
virtual-places	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
war-rock	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
wccp	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
3com-amp3	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
acas	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned

accessbuilder	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
accessnetwork	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
acp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
active-directory	XE 3.6.0S - 15.2(2)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
anet	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ansanotify	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ansatrader	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
applix	XE 3.2.0S - 15.1(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
arcisdms	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ariel1	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ariel2	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ariel3	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
arns	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	n	n	n
asa	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
as-servermap	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
audit	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
aurora-cmgr	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
avian	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
bdp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
bgs-nsi	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
bhevent	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
bhfhs	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
bhmnds	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
bl-idm	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
borland-dsj	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
cableport-ax	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
cadlock	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
capwap-control	XE 3.6.0S - 15.2(2)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned

capwap-data	XE 3.6.0S - 15.2(2)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
cddbp-alt	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
cfdpkt	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
cimplex	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
collaborator	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
commerce	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
comscm	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
con	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
connendp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
contentserver	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
corerjd	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
courier	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
covia	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
creativepartnr	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
creativeserver	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
crudp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
csi-sgwp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
dasp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
datasurfsrv	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
datasurfsrvsec	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
dccp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
dctp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
dec_dlm	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	n	n	n
decap	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
decbsrv	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
decladebug	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	n	n	n
dei-icda	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
desknets	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	client-server	other	n	n	n

device	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
digital-vc	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
dmp	XE 3.6.0S - 15.2(2)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
dn6-nlm-aud	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	network-protocol	other	n	n	n
dna-cml	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
dpsi	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
dsfgw	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
dsp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
dsp3270	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
dsr	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
dtag-ste-sb	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
emfis-ctrl	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
emfis-data	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
entomb	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
epmap	XE 3.4.0S - 15.1(3)S	15.2(1)T	other	inter-process-rpc	other	n	n	n
escp-ip	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
esro-gen	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	inter-process-rpc	other	n	n	n
fc	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
font-service	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	remote-access-terminal	other	n	n	n
fujitsu-dev	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
genie	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
genrad-mux	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ggf-ncp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ginad	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
gotodevice	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	client-server	other	n	n	n
graphics	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
hcp-wismar	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned

hip	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
hitachi-spc	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
hp-pdl-datastr	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
hybrid-pop	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
hyperwave-isp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
iafdbase	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
iafserver	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ibm-app	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ibm-director	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
ibprotocol	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
iclcnetsvinfo	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
iclcnetslocate	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
idfp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
inbusiness	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
intecourier	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
integra-sme	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
intrinsic	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ipcd	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ipdd	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ipinip	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	tunneling-protocols	other	n	y	n
iplt	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ip-messenger	XE 3.6.0S - 15.2(2)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
is99c	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
is99s	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
iscsi-target	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
isi-gl	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	n	n	n
iso-tsap	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	network-protocol	other	unassigned	unassigned	unassigned
iso-tsap-c2	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned

itm-mcell-s	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
jargon	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
k-block	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
kis	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
kryptolan	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	n	n	n
la-maint	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ljk-login	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
locus-con	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	network-protocol	other	n	n	n
locus-map	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	network-protocol	other	n	n	n
loglogic	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	n	n	n
lwapp	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	n	n	n
magenta-logic	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
mailbox-lm	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
maitrd	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
manet	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
maxdb	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
mcafee-update	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
mcidas	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	network-protocol	other	n	n	n
mcns-sec	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
mdc-portmapper	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
meregister	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
meta5	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
metagram	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
meter	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
micom-pfs	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
mit-ml-dev	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
mobilip-mn	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
mpls-in-ip	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned

mpm	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
mpm-flags	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
mpm-snd	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
msg-auth	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
msg-icp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ms-iis	XE 3.6.0S - 15.2(2)S	15.2(2)T	other	client-server	other	n	n	n
ms-netlogon	XE 3.6.0S - 15.2(2)S	15.2(2)T	other	authentication-services	other	n	n	n
ms-ocs-file-transfer	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
ms-rome	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ms-rpc	XE 3.4.0S - 15.1(3)S	15.2(1)T	other	inter-process-rpc	other	n	n	n
ms-shuttle	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ms-sms	XE 3.6.0S - 15.2(2)S	15.2(2)T	other	network-management	other	n	n	n
ms-streaming	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
multiling-http	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
multiplex	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
nced	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ncld	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
netbios-ns	XE 3.6.0S - 15.2(2)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
netgw	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
netrcs	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
netsc-dev	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
netsc-prod	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
npp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	n	n	n
ns	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
nsiops	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
nsw-fe	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
obex	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	n	n	n
ocbinder	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned

ocs_amu	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ocs_cmu	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ocserver	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ohimsrv	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
omginitialrefs	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
omhs	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
omserv	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
onmux	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
openport	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
opsmgr	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
oracle-sqlnet	XE 3.6.0S - 15.2(2)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
pip	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
pipe	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
pirp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	n	n	n
pov-ray	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	n	n	n
printer	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	n	n	n
profile	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ptcnameservice	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ptp-general	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
pump	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
qrh	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
rap	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
realm-rusd	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
remote-kis	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
repcmd	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
repscmd	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ris	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
rmc	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned

rmiactivation	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
rmiregistry	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
rsvd	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
rsvp-e2e-ignore	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
rtip	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
rtmpt	XE 3.6.0S - 15.2(2)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
rx	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
sanity	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
scc-security	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
scoi2odialog	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
sctp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
scx-proxy	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
secondlife	XE 3.6.0S - 15.2(2)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
send	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
set	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
sfs-config	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
sfs-smp-net	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
share-point	XE 3.6.0S - 15.2(2)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
siam	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
sitaradir	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
sitarangmt	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
sitaraserver	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
skronk	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
smartsdp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
smpnameres	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
smsd	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
smux	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
snagas	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned

s-net	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
snpp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	control-and-signaling	other	n	n	n
softpc	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
sonar	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
spmp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
sps	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
srssend	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
sscopcce	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
stmf	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
submit	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
surf	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
tacnews	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
tapeware	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	backup-systems	other	n	n	n
tcpoverdns	XE 3.6.0S - 15.2(2)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
teedtap	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
tempo	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
tenfold	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ticf-1	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ticf-2	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
tnETOS	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
tns-cml	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
tn-tl-fd1	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
uaac	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
uarps	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
udplite	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
uis	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
ulpnet	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
unify	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned

utmpcd	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
utmpsd	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
vacdsm-app	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
vacdsm-sws	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
vid	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
videotex	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	n	n	n
vmnet	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
vmware-fdm	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	vmware-group	unassigned	unassigned	unassigned
vnas	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
vpps-via	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
vsinet	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
vslmp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
webster	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	n	n	n
worldfusion	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
wpgs	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
x-bone-ctl	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	network-protocol	other	n	n	n
xfer	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
xvtp	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
xyplex-mux	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
zserv	XE 3.1.0S - 15.0(1)S	15.2(1)T	other	other	other	unassigned	unassigned	unassigned
apc-powerchute	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
call-of-duty	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
dclink	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
filemaker-announcement	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
wlccp	XE 3.5.0S - 15.2(1)S	15.2(3)T	other	other	other	unassigned	unassigned	unassigned
3com-tsmux	XE 3.1.0S - 15.0(1)S	15.2(1)T	obsolete	other	other	unassigned	unassigned	unassigned
aed-512	XE 3.1.0S - 15.0(1)S	15.2(1)T	obsolete	other	other	unassigned	unassigned	unassigned
dixie	XE 3.1.0S - 15.0(1)S	15.2(1)T	obsolete	other	other	n	n	n

dls	XE 3.1.0S - 15.0(1)S	15.2(1)T	obsolete	other	other	unassigned	unassigned	unassigned
dls-mon	XE 3.1.0S - 15.0(1)S	15.2(1)T	obsolete	other	other	unassigned	unassigned	unassigned
hyper-g	XE 3.1.0S - 15.0(1)S	15.2(1)T	obsolete	other	other	unassigned	unassigned	unassigned
infoseek	XE 3.1.0S - 15.0(1)S	15.2(1)T	obsolete	other	other	n	n	n
knet-cmp	XE 3.1.0S - 15.0(1)S	15.2(1)T	obsolete	other	other	unassigned	unassigned	unassigned
pcmail-srv	XE 3.1.0S - 15.0(1)S	15.2(1)T	obsolete	other	other	unassigned	unassigned	unassigned
powerburst	XE 3.1.0S - 15.0(1)S	15.2(1)T	obsolete	other	other	unassigned	unassigned	unassigned
servstat	XE 3.1.0S - 15.0(1)S	15.2(1)T	obsolete	other	other	unassigned	unassigned	unassigned
smakynet	XE 3.1.0S - 15.0(1)S	15.2(1)T	obsolete	other	other	unassigned	unassigned	unassigned
su-mit-tg	XE 3.1.0S - 15.0(1)S	15.2(1)T	obsolete	other	other	unassigned	unassigned	unassigned



Americas Headquarters
Cisco Systems, Inc.
San Jose, CA

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
Singapore

Europe Headquarters
Cisco Systems International BV Amsterdam,
The Netherlands

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