



TACACS through TUNNEL-HTTP



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TACACS

Name/CLI Keyword	tacacs
Full Name	Terminal Access Controller Access-Control System
Description	Tacacs is client that provides an access control to network entities such as routers, network access servers etc'. The users can login to the entities as if they were hosts. Typically Tacacs uses TCP/UDP ports 49, 65.
Reference	http://tools.ietf.org/html/draft-grant-tacacs-02
Global ID	L7:112
ID	112
Known Mappings	
UDP Port	49,65
TCP Port	49,65
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	net-admin
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TACNEWS

Name/CLI Keyword	tacnews
Full Name	tacnews
Description	TAC News
Reference	-
Global ID	L4:969
ID	969
Known Mappings	
UDP Port	98
TCP Port	98
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TALK

Name/CLI Keyword	talk
Full Name	talk
Description	talk
Reference	-
Global ID	L4:434
ID	434
Known Mappings	
UDP Port	517
TCP Port	517
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	instant-messaging
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TAPEWARE

Name/CLI Keyword	tapeware
Full Name	tapeware
Description	Yosemite tech tapeware
Reference	-
Global ID	L4:1372
ID	1372
Known Mappings	
UDP Port	3817
TCP Port	3817
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	backup-systems
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TCF

Name/CLI Keyword	tcf
Full Name	tcf
Description	TCF
Reference	-
Global ID	L3:841
ID	841
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	87
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TCPOVERDNS

Name/CLI Keyword	tcpoverdns
Full Name	tcp tunneled over dns
Description	tcp-over-dns contains a special dns server and a special dns client. The client and server work in tandem to provide a TCP tunnel through the standard DNS protocol.
Reference	http://analogbit.com/software/tcp-over-dns
Global ID	L7:331
ID	1042
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	No

TD-REPLICA

Name/CLI Keyword	td-replica
Full Name	td-replica
Description	Tobit David Replica
Reference	-
Global ID	L4:1140
ID	1140
Known Mappings	
UDP Port	268
TCP Port	268
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TD-SERVICE

Name/CLI Keyword	td-service
Full Name	td-service
Description	Tobit David Service Layer
Reference	-
Global ID	L4:1139
ID	1139
Known Mappings	
UDP Port	267
TCP Port	267
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TEAMSOUND

Name/CLI Keyword	teamsound
Full Name	teamsound
Description	Voice conferencing software for online game
Reference	-
Global ID	L4:1391
ID	1391
Known Mappings	
UDP Port	40001,40002,40003,40004,40011
TCP Port	40001,40001,40002,40003,40004,40011
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TEAMSPEAK

Name/CLI Keyword	teamspeak
Full Name	Teamspeak
Description	TeamSpeak software enables users to speak with one another over the Internet. It is an internet based conferencing solution. The software is based on client-server architecture and is firewall and router friendly.
Reference	http://teamspeak.com/
Global ID	L7:447
ID	1072
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TEAMVIEWER

The support for the TEAMVIEWER protocol was added from Cisco IOS XE Release 3.7S.

Name/CLI Keyword	teamviewer
Full Name	remote access and desktop sharing
Description	TeamViewer is a computer software package for remote control, desktop sharing, and file transfer between computers. The software operates with the Microsoft Windows, Mac OS X Linux, iOS and Android operating systems.
Reference	http://www.teamviewer.com/en/index.aspx
Global ID	L7:494
ID	1430
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TEEDTAP

Name/CLI Keyword	teedtap
Full Name	teedtap
Description	teedtap
Reference	-
Global ID	L4:474
ID	474
Known Mappings	
UDP Port	559
TCP Port	559
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TELEPRESENCE-CONTROL

Name/CLI Keyword	telepresence-control
Full Name	Telepresence Control
Description	Cisco TelePresence control protocol is used for the audio and HD video interactive conferencing of the telepresence device. The communication is done over the internet. The control protocol includes control packets over SIP and RTCP protocols, and works simultaneously with cisco telepresence media protocol.
Reference	http://www.cisco.com/en/US/solutions/ns669/public_telepresence.html
Global ID	L7:114
ID	114
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	telepresence-group
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	No

TELEPRESENCE-MEDIA

Name/CLI Keyword	telepresence-media
Full Name	Telepresence Media
Description	Cisco TelePresence media protocol is used for the audio and HD video interactive conferencing of the telepresence device. The communication is done over the internet. The protocol consists only data packets, and works simultaneously with cisco telepresence control protocol.
Reference	http://www.cisco.com/en/US/solutions/ns669/public_telepresence.html
Global ID	L7:113
ID	113
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	telepresence-group
Category	voice-and-video
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TELL

Name/CLI Keyword	tell
Full Name	tell
Description	send
Reference	-
Global ID	L4:629
ID	629
Known Mappings	
UDP Port	754
TCP Port	754
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	net-admin
Sub Category	voice-video-chat-collaboration
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TELNET

Name/CLI Keyword	telnet
Full Name	Telnet
Description	Telnet is a cross-platform interactive text-based protocol used to connect remote clients over a TCP/IP network. The telnet client connects to a host and becomes a Network Virtual Terminal (NVT) allowing the user to communicate remotely with the host. Typically, the protocol uses TCP port 23.
Reference	http://www.faqs.org/rfcs/rfc854.html
Global ID	L4:42
ID	42
Known Mappings	
UDP Port	23
TCP Port	23
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	net-admin
Sub Category	terminal
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TEMPO

Name/CLI Keyword	tempo
Full Name	tempo
Description	newdate
Reference	-
Global ID	L4:444
ID	444
Known Mappings	
UDP Port	526
TCP Port	526
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TENFOLD

Name/CLI Keyword	tenfold
Full Name	tenfold
Description	tenfold
Reference	-
Global ID	L4:567
ID	567
Known Mappings	
UDP Port	658
TCP Port	658
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TEREDO-IPV6-TUNNELED

Name/CLI Keyword	teredo-ipv6-tunneled
Full Name	Teredo IPv6 Tunneled
Description	Teredo is a tunneling protocol designed to grant IPv6 connectivity to nodes that are located behind IPv6-unaware NAT devices. It defines a way of encapsulating IPv6 packets within IPv4 UDP datagrams that can be routed through NAT devices and on the IPv4 internet.
Reference	http://tools.ietf.org/html/rfc4380
Global ID	L7:326
ID	1219
Known Mappings	
UDP Port	3544
TCP Port	3544
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	net-admin
Sub Category	tunneling-protocols
P2P Technology	No
Encrypted	No
Tunnel	Yes
Underlying Protocols	-

TESLA-SYS-MSG

Name/CLI Keyword	tesla-sys-msg
Full Name	tesla-sys-msg
Description	TESLA System Messaging
Reference	-
Global ID	L4:1392
ID	1392
Known Mappings	
UDP Port	-
TCP Port	7631
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TEXAR

Name/CLI Keyword	texar
Full Name	texar
Description	Texar Security Port
Reference	-
Global ID	L4:869
ID	869
Known Mappings	
UDP Port	333
TCP Port	333
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TFTP

Name/CLI Keyword	tftp
Full Name	Trivial File Transfer Protocol
Description	Trivial File Transfer Protocol (TFTP) is a file transfer protocol, with the functionality of a very basic form of FTP. It is useful for booting computers such as routers which do not have any data storage devices.
Reference	http://www.ietf.org/rfc/rfc1350.txt
Global ID	L4:69
ID	48
Known Mappings	
UDP Port	69
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	tftp-group
Category	file-sharing
Sub Category	client-server
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TICF-1

Name/CLI Keyword	ticf-1
Full Name	ticf-1
Description	Transport Independent Convergence for FNA
Reference	-
Global ID	L4:406
ID	406
Known Mappings	
UDP Port	492
TCP Port	492
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TICF-2

Name/CLI Keyword	ticf-2
Full Name	ticf-2
Description	Transport Independent Convergence for FNA
Reference	-
Global ID	L4:407
ID	407
Known Mappings	
UDP Port	493
TCP Port	493
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TIMBUKTU

Name/CLI Keyword	timbuktu
Full Name	timbuktu
Description	Timbuktu
Reference	-
Global ID	L4:322
ID	322
Known Mappings	
UDP Port	407
TCP Port	407
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	net-admin
Sub Category	remote-access-terminal
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TIME

Name/CLI Keyword	time
Full Name	Time
Description	The Network Time Protocol is a protocol used to get the accurate time and date from designated time servers. The protocol works on TCP and UDP, typically on port 37.
Reference	http://www.ietf.org/rfc/rfc868.txt
Global ID	L4:105
ID	105
Known Mappings	
UDP Port	37
TCP Port	37
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TIMED

Name/CLI Keyword	timed
Full Name	timed
Description	timeserver
Reference	-
Global ID	L4:443
ID	443
Known Mappings	
UDP Port	525
TCP Port	525
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	net-admin
Sub Category	network-management
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TINC

Name/CLI Keyword	tinc
Full Name	tinc
Description	tinc
Reference	-
Global ID	L4:564
ID	564
Known Mappings	
UDP Port	655
TCP Port	655
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	internet-privacy
Sub Category	tunneling-protocols
P2P Technology	No
Encrypted	Yes
Tunnel	Yes
Underlying Protocols	-

TLISRV

Name/CLI Keyword	tlisrv
Full Name	tlisrv
Description	oracle
Reference	-
Global ID	L4:692
ID	692
Known Mappings	
UDP Port	1527
TCP Port	1527
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	sqlsvr-group
Category	business-and-productivity-tools
Sub Category	database
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TLSP

Name/CLI Keyword	tlsp
Full Name	tlsp
Description	Transport Layer Security Protocol
Reference	-
Global ID	L3:810
ID	810
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	56
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TNETOS

Name/CLI Keyword	tnetos
Full Name	tnetos
Description	NEC Corporation
Reference	-
Global ID	L4:293
ID	293
Known Mappings	
UDP Port	377
TCP Port	377
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TNS-CML

Name/CLI Keyword	tns-cml
Full Name	tns-cml
Description	tns-cml
Reference	-
Global ID	L4:504
ID	504
Known Mappings	
UDP Port	590
TCP Port	590
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TN-TL-FD1

Name/CLI Keyword	tn-tl-fd1
Full Name	tn-tl-fd1
Description	tn-tl-fd1
Reference	-
Global ID	L4:390
ID	390
Known Mappings	
UDP Port	476
TCP Port	476
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TOMATOPANG

Name/CLI Keyword	tomatopang
Full Name	Tomatopang
Description	Tomatopang is a Korean peer to peer file-sharing application. Based on peer to peer architecture.
Reference	http://www.tomatopang.net/
Global ID	L7:449
ID	1093
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	No
Tunnel	No
Underlying Protocols	-

TOR

Name/CLI Keyword	tor
Full Name	Tor
Description	Tor (The Onion Router) is a system intended to enable online anonymity. Tor client software routes Internet traffic through a worldwide volunteer network of servers in order to conceal a user's location or usage from someone conducting network surveillance or traffic analysis. The software is a free-software and the network is free of charge to use.
Reference	http://www.torproject.org/
Global ID	L7:460
ID	1319
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TP++

Name/CLI Keyword	tp++
Full Name	tp++
Description	TP++ Transport Protocol
Reference	-
Global ID	L3:793
ID	793
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	39
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TPIP

Name/CLI Keyword	tpip
Full Name	tpip
Description	tpip
Reference	-
Global ID	L4:508
ID	508
Known Mappings	
UDP Port	594
TCP Port	594
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	voice-and-video
Sub Category	control-and-signaling
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TRADESTATION

Name/CLI Keyword	tradestation
Full Name	tradestation
Description	Technical analysis software
Reference	-
Global ID	L4:1393
ID	1393
Known Mappings	
UDP Port	-
TCP Port	11010,11020
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TRINOO

Name/CLI Keyword	trinoo
Full Name	trinoo
Description	Set of computer programs to conduct a DDoS attack
Reference	-
Global ID	L4:1368
ID	1368
Known Mappings	
UDP Port	27444,31335
TCP Port	27665
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	trojan
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TRUNK-1

Name/CLI Keyword	trunk-1
Full Name	trunk-1
Description	Trunk-1
Reference	-
Global ID	L3:777
ID	777
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	23
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TRUNK-2

Name/CLI Keyword	trunk-2
Full Name	trunk-2
Description	Trunk-2
Reference	-
Global ID	L3:778
ID	778
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	24
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TSERVER

Name/CLI Keyword	tserver
Full Name	tserver
Description	Computer Supported Telecommunication Applications
Reference	-
Global ID	L4:365
ID	365
Known Mappings	
UDP Port	450
TCP Port	450
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	business-and-productivity-tools
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TTP

Name/CLI Keyword	ttp
Full Name	ttp
Description	TTP
Reference	-
Global ID	L3:838
ID	838
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	84
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	layer3-over-ip
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

TUNNEL-HTTP

Name/CLI Keyword	tunnel-http
Full Name	Tunnel HTTP
Description	Tunnel HTTP represents the granular protocols that are tunneled over HTTP.
Reference	-
Global ID	L7:435
ID	739
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	internet-privacy
Sub Category	tunneling-protocols
P2P Technology	No
Encrypted	No
Tunnel	Yes
Underlying Protocols	No

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