ECHO through EXEC

Americas Headquarters:
Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

ECHO

Name/CLI Keyword	echo
Full Name	Echo Protocol
Description	Echo is a protocol that is used for debugging and measurement tool, by sending back all the data that was received from the source. The protocol works on TCP and UDP, typically on port 7.
Reference	http://www.faqs.org/rfcs/rfc862.html
Global ID	L4:101
ID	101
Known Mappings	
UDP Port	7
TCP Port	7
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	-

EDONKEY

Name/CLI Keyword	edonkey
Full Name	eDonkey
Description	eDonkey is a peer-to-peer file sharing addopted to share big size files.The network is based on multiple decentralized servers ,each client must be connected to a server to enter the network.
Reference	http://web.archive.org/web/20010213200827/www.edonkey2000.com/overview.html
Global ID	L7:67
ID	67
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	edonkey-emule-group
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	No
Tunnel	No
Underlying Protocols	No

EDONKEY-STATIC

Name/CLI Keyword	edonkey-static
Full Name	edonkey-static
Description	Static Edonkey
Reference	-
Global ID	L7:1333
ID	1333
Known Mappings	
UDP Port	4661,4662,4663,4664,4665,4672,4673,4711,5662,5773,5783
TCP Port	4661,4662,4663,4664,4665,4672,4673,4711,5662,5773,5783
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	edonkey-emule-group
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	No
Tunnel	No
Underlying Protocols	-

EGP

Name/CLI Keyword	egp
Full Name	Exterior Gateway Protocol
Description	Exterior Gateway Protocol (EGP) is a protocol used to convey network information between neighboring gateways, or Autonomic systems. This way the gateways acquire neighbors, monitor neighbor reachability and exchange net-reachability information in the form of Update messages. EGP is IP protocol number 8.
Reference	http://tools.ietf.org/html/rfc904
Global ID	L3:4
ID	4
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	8
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	net-admin
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

EIGRP

Name/CLI Keyword	eigrp
Full Name	Interior Gateway Routing Protocol
Description	Enhanced Interior Gateway Routing Protocol (EIGRP) is an interior gateway protocol. It is an advanced distance-vector routing protocol, with optimizations to minimize both the routing instability incurred after topology changes, as well as the use of bandwidth and processing power in the router. The protocol is usually known as IP protocol 88 as default.
Reference	http://www.cisco.com/en/US/tech/tk365/technologies_white_paper09186a0080094cb7.shtml
Global ID	L3:7
ID	7
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	88
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	net-admin
Sub Category	routing-protocol
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

ELCSD

Name/CLI Keyword	elcsd
Full Name	elcsd
Description	errlog copy/server daemon
Reference	-
Global ID	L4:608
ID	608
Known Mappings	
UDP Port	704
TCP Port	704
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	-

EMBL-NDT

Name/CLI Keyword	embl-ndt
Full Name	embl-ndt
Description	EMBL Nucleic Data Transfer
Reference	-
Global ID	L4:310
ID	310
Known Mappings	
UDP Port	394
TCP Port	394
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	industrial-protocols
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

EMCON

Name/CLI Keyword	emcon
Full Name	emcon
Description	EMCON
Reference	-
Global ID	L3:769
ID	769
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	14
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	-

EMFIS-CNTL

Name/CLI Keyword	emfis-cntl
Full Name	emfis-cntl
Description	EMFIS Control Service
Reference	-
Global ID	L4:933
ID	933
Known Mappings	
UDP Port	141
TCP Port	141
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	-

EMFIS-DATA

Name/CLI Keyword	emfis-data
Full Name	emfis-data
Description	EMFIS Data Service
Reference	-
Global ID	L4:929
ID	929
Known Mappings	
UDP Port	140
TCP Port	140
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	-

ENCAP

Name/CLI Keyword	encap
Full Name	encap
Description	Encapsulation Header
Reference	-
Global ID	L3:852
ID	852
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	98
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	-

ENCRYPTED-BITTORRENT

Name/CLI Keyword	encrypted-bittorrent
Full Name	Encrypted Bittorrent
Description	BitTorrent is a peer-to-peer file sharing protocol used for distributing files over the internet. It identifies content by URL and is designed to integrate seamlessly with the web. The BitTorrent protocol is based on a BitTorrent tracker (server) that initializes the connections between the clients (peers). Encrypted BitTorrent is an attempt to provide anonymous and private BitTorrent traffic.
Reference	http://www.bittorrent.com/
Global ID	L7:313
ID	1206
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	bittorrent-group
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	Yes
Tunnel	No
Underlying Protocols	-

ENCRYPTED-EMULE

Name/CLI Keyword	encrypted-emule
Full Name	Encrypted eMule
Description	eMule is a peer-to-peer file sharing application based on eDonkey, eDonkey2000 and Kad network. eMule clients enable obfuscation support to encrypt the traffic, encrypted emule represents the encrypted traffic.
Reference	http://www.emule-project.net/
Global ID	L7:417
ID	885
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	edonkey-emule-group
Category	file-sharing
Sub Category	p2p-file-transfer
P2P Technology	Yes
Encrypted	Yes
Tunnel	No
Underlying Protocols	-

ENTOMB

Name/CLI Keyword	entomb
Full Name	entomb
Description	entomb
Reference	-
Global ID	L4:647
ID	647
Known Mappings	
UDP Port	775
TCP Port	775
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	-

ENTRUST-AAAS

Name/CLI Keyword	entrust-aaas
Full Name	entrust-aaas
Description	entrust-aaas
Reference	-
Global ID	L4:588
ID	588
Known Mappings	
UDP Port	680
TCP Port	680
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	-

ENTRUST-AAMS

Name/CLI Keyword	entrust-aams
Full Name	entrust-aams
Description	entrust-aams
Reference	-
Global ID	L4:589
ID	589
Known Mappings	
UDP Port	681
TCP Port	681
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	-

ENTRUST-ASH

Name/CLI Keyword	entrust-ash
Full Name	entrust-ash
Description	Entrust Administration Service Handler
Reference	-
Global ID	L4:613
ID	613
Known Mappings	
UDP Port	710
TCP Port	710
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	internet-privacy
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

ENTRUST-KMSH

Name/CLI Keyword	entrust-kmsh
Full Name	entrust-kmsh
Description	Entrust Key Management Service Handler
Reference	-
Global ID	L4:612
ID	612
Known Mappings	
UDP Port	709
TCP Port	709
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	internet-privacy
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

ENTRUST-SPS

Name/CLI Keyword	entrust-sps
Full Name	entrust-sps
Description	entrust-sps
Reference	-
Global ID	L4:549
ID	549
Known Mappings	
UDP Port	640
TCP Port	640
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	business-and-productivity-tools
Sub Category	authentication-services
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

EPMAP

Name/CLI Keyword	epmap
Full Name	epmap
Description	DCE endpoint resolution
Reference	-
Global ID	L4:1311
ID	1311
Known Mappings	
UDP Port	135
TCP Port	135
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	inter-process-rpc
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

ERPC

Name/CLI Keyword	erpc
Full Name	erpc
Description	Encore Expedited Remote Pro.Call
Reference	-
Global ID	L4:990
ID	990
Known Mappings	
UDP Port	121
TCP Port	121
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	-

ESCP-IP

Name/CLI Keyword	escp-ip
Full Name	escp-ip
Description	escp-ip
Reference	-
Global ID	L4:530
ID	530
Known Mappings	
UDP Port	621
TCP Port	621
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	-

ESIGNAL

Name/CLI Keyword	esignal
Full Name	esignal
Description	Real-time market data and decision support tools
Reference	-
Global ID	L4:1380
ID	1380
Known Mappings	
UDP Port	-
TCP Port	2189,2194,2196
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	-

ESRO-EMSDP

Name/CLI Keyword	esro-emsdp
Full Name	esro-emsdp
Description	ESRO-EMSDP V1.3
Reference	-
Global ID	L4:551
ID	551
Known Mappings	
UDP Port	642
TCP Port	642
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	email
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

ESRO-GEN

Name/CLI Keyword	esro-gen
Full Name	esro-gen
Description	Efficient Short Remote Operations
Reference	-
Global ID	L4:1131
ID	1131
Known Mappings	
UDP Port	259
TCP Port	259
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	other
Sub Category	inter-process-rpc
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

ETHERIP

Name/CLI Keyword	etherip
Full Name	Ethernet-within-IP Encapsulation
Description	EtherIP is a protocol used for tunneling Ethernet packets and IEEE 802.3 MAC frames across an IP internet. It is usually used when the layer three protocol is not IP, or when the layer three data is obscured by encryption. EtherIP is IP protocol number 97.
Reference	http://tools.ietf.org/html/rfc3378
Global ID	L3:851
ID	851
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	97
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	-

EUDORA-SET

Name/CLI Keyword	eudora-set
Full Name	eudora-set
Description	Eudora Set
Reference	-
Global ID	L4:506
ID	506
Known Mappings	
UDP Port	592
TCP Port	592
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	email
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	-

EXCHANGE

Name/CLI Keyword	exchange
Full Name	Microsoft Exchange
Description	Exchange is a protocol that allows users to synchronize and connect to their exchange server when the client is outside the organization's firewall. The underlying protocol is RPC over HTTP.
Reference	http://support.microsoft.com/kb/262986
Global ID	L7:49
ID	49
Known Mappings	
UDP Port	-
TCP Port	-
IP Protocol	-
IP Version	
IPv4 Support	Yes
IPv6 Support	Yes
Application Group	other
Category	email
Sub Category	other
P2P Technology	No
Encrypted	No
Tunnel	No
Underlying Protocols	No

EXEC

Name/CLI Keyword	exec
Full Name	exec
Description	EXEC protocol is used for remote process execution. The client connects to a server via a terminal and its as if the program was being run on the local machine.
Reference	http://wiki.wireshark.org/Exec
Global ID	L4:512
ID	426
Known Mappings	
UDP Port	-
TCP Port	512
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	-