

Application Group	Application	Description
Collaboration	Microsoft ActiveSync	Microsoft ActiveSync is used to synchronize Microsoft Windows based smart devices with desktop systems.
	Avaya	Avaya audio and video services.
	Citrix	Citrix Online streaming connection protocol for streaming real-time data.
	GoToMeeting	A remote meeting and desktop sharing software that enables the user to meet with other computer users, customers, clients or colleagues via the Internet in real-time.
	Citrix GoToMyPC	Using GoToMyPC to remotely control a PC that has the hosting software installed.
	Groupwise	A messaging and collaborative software platform from Novell that supports email, calendaring, personal information management, instant messaging, and document management.
	HL7	Health Level 7 Medical information exchange is a standard for exchanging information between medical applications.
	Lotus Notes	IBM's enterprise collaboration suite.
	Lync	Microsoft Lync voice, video, file transfer, and desktop sharing.
	Meeting Maker	A cross-platform personal calendar and group scheduling software application from PeopleCube.
	NetMeeting	A VoIP and multi-point videoconferencing client included in many versions of Microsoft Windows.
	SAP	Connections to generic components of several SAP products like Netweaver, BusinessObjects XI, and Crystal Enterprise Server.
	Sharepoint	Microsoft collaboration, file sharing and web publishing system.
	WebEx	Cisco's online meeting and web conferencing application.
Database	BLIDM	Britton-Lee IDM (Integrated Database Manager)
	CLDAP	The Connectionless Lightweight Directory Access Protocol (CLDAP) is an application protocol for accessing and maintaining distributed directory information services over an Internet Protocol (IP) network using UDP.
	dBase	dBase was the first widely used database management system (DBMS) for microcomputers. A major upgrade was released as dBASE III, and ported to a wider variety of platforms, adding UNIX, and VMS.
	INGRES-NET	IngresNET service.
	LDAP	LDAP (Lightweight Directory Access Protocol) is a protocol for reading and editing directories over an IP network.
	MaxDB	SQL connections and queries made to a MaxDB SQL server.
	Mini SQL	A lightweight database management system.
	MS SQL	A relational database server produced by Microsoft.

Application Group	Application	Description
Database	MySQL	A relational database management system (RDBMS) that runs as a server providing multi-user access to a number of databases.
	Oracle	An object-relational database management system (ORDBMS) produced and marketed by Oracle Corporation.
	PostgreSQL	An open source object-relational database system.
	RIS	Relational Interface System (RIS) is Intergraph Corporation's middleware for connecting client software and DBMS.
	SVN	Managing content on a Subversion server.
	Sybase SQL	SQL connections and queries made to a Sybase SQL server.
	TDS	Tabular Data Stream (TDS) is an application layer protocol, used to transfer data between a database server and a client. It was initially designed and developed by Sybase Inc. for their Sybase SQL Server relational database engine in 1984, and later by Microsoft in Microsoft SQL Server.
	File Transfer	ACR-NEMA
AFP		A network protocol that offers file services for Mac OS X and original Mac OS. In Mac OS X, AFP is one of several file services supported including Server Message Block (SMB), Network File System (NFS), File Transfer Protocol (FTP), and WebDAV. AFP currently supports Unicode file names, POSIX and access control list permissions, resource forks, named extended attributes, and advanced file locking
Akamai NetSession		Traffic generated by Akamai NetSession interface app that handles downloads of files from services that use it.
Apple Update		A software tool by Apple Computer that installs the latest version of Apple software.
AppleJuice		AppleJuice is a semi-centralized peer-to-peer file sharing network similar to the original eDonkey network.
Ares		General browsing, interactions, and file transfers on the open source peer-to-peer file sharing application Ares Galaxy.
Astraweb		A Usenet/newsgroup service provider.
auditd		Linux audit logging.
AVG		AVG Antivirus/Security software download and updates.
Avira		Avira Antivirus/Security software download and updates.
Baidu Yun		Cloud data storage operations and P2P sharing via the Baidu Yun desktop and mobile applications.
BitDefender		BitDefender Antivirus/Security software download and updates.
BFTP		BFTP (Background File Transfer Program)
BlazeFS		Blaze File Server is a remote file sharing system designed specifically for Macs. Once it's running, Blaze is transparent to the user and to the client application: It appears as if users are accessing files on a local hard drive.
CFDPTKT		Coherent File Distribution Protocol.

Application Group	Application	Description
File Transfer	CIFS	CIFS (Common Internet File System) is used to provide shared access to directories, files, printers, serial ports, and miscellaneous communications between nodes on a network.
	Clubbox	Browsing and streaming media on Korean movie and television site http://www.clubbox.co.kr/
	CrashPlan	Backup data traffic from CrashPlan to remote servers or other computers.
	Commvault	Enterprise data backup and storage management software.
	DirectConnect	File sharing through p2p via internet hubs.
	Dropbox	An online file hosting/sharing service.
	Eset	Eset Antivirus/Security software download and updates.
	FASP	FASP (Fast and Secure Protocol) is a high speed secure file transfer protocol.
	F-Prot	F-Prot Antivirus/Security software download and updates.
	Freenet	Traffic generated by the freenet browsing application.
	FTP	FTP (File Transfer Protocol) is used to transfer files from a file server to a local machine.
	FXP	File eXchange Protocol provides a method of data transfer which uses the FTP protocol to transfer data from one remote server to another (inter-server) without routing this data through the client's connection.
	Giganews	A popular Usenet/newsgroup service provider.
	GPFS	IBM General Parallel File System is a high-performance shared-disk clustered file system.
	Google Talk File Transfer	Sending a file over Google's messaging service Google Talk.
	HiveStor	HiveStor Distributed File System.
	iCloud	Apple's cloud data storage and computing service.
	Kaspersky	Kaspersky Antivirus/Security software download and updates.
	Kazaa	Started as a peer-to-peer file sharing application using the FastTrack protocol.
	McAfee	McAfee Antivirus/Security software download and updates.
	MC-FTP	Multicast FTP (File Transfer Protocol)
McIDAS	McIDAS (Man computer Interactive Data Access System) Data Transmission Protocol.	
BITS	BITS (Microsoft Background Intelligent Transfer Service) is a file transfer protocol used primarily for Microsoft Updates.	
MUTE-net	A peer-to-peer file sharing network that uses a routing algorithm inspired by ant colonies. MUTE-net has been unmaintained since April 2007, although software compatible with the MUTE network has been updated since then.	
NateOn File	File transfer traffic generated by the NateOn application.	

Application Group	Application	Description
File Transfer	NFA	A network file system is a file system that acts as a client for a remote file access protocol, providing access to files on a server.
	NFS	Allows a user on a client computer to access files over a network in a manner similar to how local storage is accessed.
	NNTP	An Internet application protocol used for transporting Usenet news articles (netnews) between news servers and for reading and posting articles by end user client applications.
	NovaBACKUP	NovaStor develops and markets data protection and availability software. NovaBACKUP offers support for multi-OS environments and is capable of handling thousands of servers and petabytes of information.
	OFTP	OFTP (Odette File Transfer Protocol) is used for EDI (Electronic Data Interchange) between two communications business partners.
	OFTPS	Odette FTP over SSL/TLS is used primarily for Electronic Data Interchange between two communications business partners.
	Panda	Panda Security Antivirus/Security software download and updates.
	PDbox	Browsing, file transfers, and forum posts on Korean P2P file sharing website http://www.pdbox.co.kr/
	PDbox P2P	Peer to peer traffic using the PDbox files sharing application.
	PFTP	Port-FTP transfers files, directories and data to other hosts running pftp.
	Paltalk File Transfer	File transfer via Paltalk instant messaging.
	SBNTBCST	SUBNTBCST Trivial File Transfer Protocol.
	SFTP	SFTP (Secure File Transfer Protocol) is a secure file transfer protocol typically used with the SSH protocol.
	Shareman	Traffic is generated from the chat feature or file transfer (movies, games, applications, books etc.) using P2P file sharing client Shareman.
	Share P2P	Closed-source p2p application developed in Japan.
	Skype File Transfer	Using Skype to transfer files.
	SuperNews	A Usenet/newsgroup service provider.
	Tencent/Weiyun	Cloud data storage operations and P2P sharing via the Weiyun desktop and mobile applications.
	TFTP	TFTP (Trivial File Transfer Protocol) being used to list, download, and upload files to a TFTP server like SolarWinds TFTP Server, using a client like WinAgents TFTP client.
	Usenet	A worldwide distributed Internet discussion system. Users read and post messages (called articles or posts, and collectively termed news) to one or more categories, known as newsgroups.
UUCP	Unix-to-Unix Copy.	
Vagaa	Vagaa software download and p2p traffic.	

Application Group	Application	Description
File Transfer	WebDAV	Web-based Distributed Authoring and Versioning allows users to collaboratively edit and manage files on a remote web server.
	Winny	A Japanese peer-to-peer file-sharing program.
	Windows Update	A service provided by MicroSoft that allows users to get software patches and updates for MS Windows and other programs, including Internet Explorer, over the internet
	Xunlei	A download manager that supports file transfers using HTTP, FTP, eDonkey, and BitTorrent protocols.
	Yahoo Msg File Transfer	File transfer traffic within the Yahoo Messenger application.
	ZanNet	A combination Windows 95 network client and Unix server that providing Windows 95 network drive access to your server files. Intended to replace both File Transfer Protocol (FTP) and Telnet programs, ZanNet accesses web pages and remote files over your current Internet connection.
Games	Battle.net	A premium gaming service provided by Blizzard Entertainment.
	Blizzard games	Traffic from the Blizzard game client.
	Boom Beach	Traffic generated by playing Boom Beach game on mobile devices.
	CCP Games	Web and game traffic generated from the software and content delivery services of Crowd Control Productions.
	Clash of Clans	Traffic generated by playing Clash of Clans game on mobile devices.
	Clash Royale	Traffic generated by playing Clash Royale game on mobile devices.
	Eve Online	Playing and updating Eve Online's desktop game.
	FarmVille	A real-time farm simulation game developed by Zynga.
	Mafia Wars	A multiplayer browser game created by Zynga. It is on several social networking sites and on the iPhone.
	Minecraft	Playing and updating Minecraft on desktop and mobile platforms.
	Playstation Network	Traffic produced by the Playstation 3 or 4 accessing the Playstation Network.
	Pokemon Go	Traffic generated by playing Pokemon Go game on mobile devices.
	Playstation 3 gaming	Playstation 3 gaming, including MatchMaking service.
	Quake Live	Quake Live plugin and game data download. UDP traffic during online matches.
	Steam	Steam is an online gaming and social networking website. Users can purchase, download, and play games, as they connect with friends and groups with similar interests.
	World of Warcraft	Traffic generated by World of Warcraft video game.
Xbox	Xbox game protocol traffic.	
Zynga	A social network game developer of browser-based games that work both stand-alone and as application widgets on social networking websites such as Facebook and MySpace.	

Application Group	Application	Description
Mail	Exchange	Microsoft Exchange services.
	Gmail	Logging in and sending/receiving emails on Google's web email service Gmail.
	MS IMAP	IMAP (Internet Message Access Protocol) is an Internet standard protocol for accessing email on a remote server.
	InfoStore	Microsoft Exchange Information Store.
	Microsoft Mail API	The protocol that Microsoft Outlook uses to communicate with Microsoft Exchange.
	Microsoft Mail Transfer Agent	Microsoft Exchange Mail Transfer Agent.
	NI Mail	NI Mail.
	PCMAIL	PCMail Server.
	POP2	POP (Post Office Protocol) is a protocol used by local e-mail clients to retrieve e-mail from a remote server.
	POP3	POP (Post Office Protocol) is a protocol used by local e-mail clients to retrieve e-mail from a remote server.
	SMTP	SMTP (Simple Mail Transfer Protocol) An Internet standard for electronic mail (e-mail) transmission across Internet Protocol (IP) networks.
	Messaging	050Plus
Aliwangwang		Traffic generated from the Aliwangwang instant messaging application.
AIM		AIM is an instant messaging and presence application that enables users to conduct person-to-person instant messaging, chatroom messaging, peer-to-peer file sharing and facebook support, among other features.
APNS		A service that Apple uses to open a constantly open IP connection to forward notifications from its servers to Apple devices.
BaiduHi		Traffic generated by instant messaging with other users on BaiduHi.
C2DM		Android Cloud to Device Messaging (C2DM) is a service that helps developers send data from servers to their applications on Android devices. The service provides a simple, lightweight mechanism that servers can use to tell mobile applications to contact the server directly, to fetch updated application or user data. The C2DM service handles all aspects of queueing of messages and delivery to the target application running on the target device.
CISCOUC		A software application that allows users to chat, make voice/video calls and share screens over the internet.
CISUCAUD		Cisco Jabber audio conferencing traffic.
CISUCVID		Cisco Jabber video conferencing traffic.
DeNA Comm		DeNA Comm voice calls and text chats.
eBuddy		Browsing the eBuddy website, sending messages, using voice and video chat.

Application Group	Application	Description
Messaging	eBuddy XMS	Sending messages using the eBuddy XMS application.
	Facebook Messaging	Facebook E-mail and Instant Messaging.
	Fring	Control and messaging flow traffic for mobile messaging application Fring.
	gg	Gadu-Gadu traffic that consists of instant text messaging and browsing product website. Includes media transfers.
	Google Hangouts	Traffic generated by voice and video streams from Google Hangouts, text chats, photo sharing and some parts of product webpage or from Google Helpouts voice and video streams.
	Google Helpouts	Traffic generated by voice and video streams from Google Helpouts, text chats, and some parts of product webpage.
	Google Talk	Google Inc.'s VoIP application.
	iCall	Sending messages, voice or video chat, and mobile to landline phone calls with messaging application iCall.
	ICQ	ICQ is an instant messaging computer program. Includes file transfer.
	IRC	IRC (Internet Relay Chat) is a popular form of real-time Internet text messaging.
	ISCHAT	(Now known as ATG Live Help) ATG Live Help is an integrated set of live voice, chat, and email response services that enable online businesses to deliver just-in-time, personalized, interactive assistance to each visitor.
	Kakao	The Kakao Talk application being used to participate in chat, add friends, share media with friends, or make calls.
	Kakao Audio	The Kakao Talk application being used to make calls.
	Kik Messenger	Instant messaging and media sharing on the free Kik Messenger mobile app.
	LINE	General usage and IM on Japanese mobile messaging application LINE, including games, and voice/video calls.
	Line2	A mobile VOIP application that allows the user to add a second line to their iPhone or Android device, or give a phone number to an iPad. Data is transferred over wifi, cellular data, or cellular voice connections. Text messaging is supported on US-based customers only.
	Meebo	Meebo is an instant messaging (IM) web platform that can connect with numerous IM networks.
	MMS	A standard way to send messages that include multimedia content to and from mobile phones.
	MSMQ	MSMQ is essentially a messaging protocol that allows applications running on separate servers/processes to communicate in a failsafe manner.
	MSNP	An instant messaging protocol developed by Microsoft for use by the .NET Messenger Service and the instant messaging clients that connect to it, such as Windows Live Messenger.

Application Group	Application	Description
Messaging	NateOn	Traffic generated from the NateOn instant messaging application.
	NateOn Phone	Voice traffic generated by the NateOn instant messaging application.
	Nimbuzz	Traffic generated by the Nimbuzz messaging application.
	Nokia Message	Sending messages on a Nokia device.
	OSCAR	Open System for Communication in Realtime is AOL's flagship instant messaging and presence information protocol. Currently, OSCAR is in use for AOL's two main instant messaging systems: ICQ and AIM.
	Paltalk	An internet and downloadable chat service that allows users to communicate via instant messaging, voice, and video chat.
	Pinger	Pinger Textfree enables you to send and receive free texts (real SMS) with your very own free texting number. You can send free texts to your friends who don't need to be using this free app to receive them.
	QQ	The most popular free instant messaging computer program in Mainland China.
	Skype Video	Video or screen sharing sessions between Skype contacts.
	Skype Voice	Voice sessions between Skype contacts.
	Snapchat	Snapchat's photo and video sharing traffic.
	Tango	Video or voice calling, sending photos or text, and game play on the mobile video communications social platform Tango.
	Viber	Viber is a mobile application for iPhone and Android that enables users to make free phone calls and send text messages to anyone else also using the installed application.
	WeChat	Instant messaging traffic generated by WeChat mobile applications and web portal.
	XMPP	XMPP (Extensible Messaging and Presence Protocol) is an open technology for real-time communication.
	YiXin	Chatting, sending files, browsing other people's and companies profiles and information with instant messaging application YiXin.
Yahoo Messenger	Yahoo's Instant Messaging client.	
Networking	Active Directory	Microsoft Active Directory
	Apple ARP	Apple's system to allow AppleTalk protocol to work over networks other than LocalTalk, such as Ethernet or Token Ring.
	Apple	Apple website and host/network services traffic.
	AppleShare	AppleShare IP WebAdmin.
	AppleTalk	A proprietary suite of protocols developed by Apple Inc. for networking computers.
	BGMP	Border Gateway Multicast Protocol.
	BGP	BGP (Border Gateway Protocol) is the protocol backing the core routing decisions on the Internet.

Application Group	Application	Description
Networking	BJNP	Canon printers use this specific "BJNP" protocol for document printing and network communication.
	Cableport AX	Protocol for service type Cable Port A/X registered with IANA on Port 282 tcp/udp.
	Cisco FNATIVE	Used for Cisco Proprietary Protocols on Cisco Catalyst Network Analysis Modules.
	Cisco SYSMANT.	Cisco SYSMANT
	Cisco TNATIVE.	Cisco TNATIVE
	Clearcase	A software tool for revision control (e.g. configuration management, SCM) of source code and other software development assets. It is developed by the Rational Software division of IBM. ClearCase forms the base of revision control for many large and medium sized businesses and can handle projects with hundreds or thousands of developers.
	Cisco DRP	(DRP) Director Response Protocol enables Cisco's DistributedDirector product to query routers (DRP Server Agents) in the field for Border Gateway Protocol (BGP) and Interior Gateway Protocol (IGP) routing table metrics between distributed servers and clients.
	Cisco GDP	The Gateway Discovery Protocol (GDP) allows hosts to dynamically detect the arrival of new routers as well as determine when a router goes down.
	DASP	This protocol is designed to provide an unordered, reliable, secure session for full-duplex datagram exchange that can be implemented for low power wireless networks and low cost devices.
	DCAP	An application layer protocol used between workstations and routers to transport SNA/NetBIOS traffic over TCP sessions.
	DCCP	DCCP (Datagram Congestion Control Protocol) is a transport protocol used for congestion control. Applications include Internet telephony and video/audio streaming.
	DCE/RPC	Distributed Computing Environment / Remote Procedure Calls, is the remote procedure call system developed for the Distributed Computing Environment (DCE).
	DHCP	DHCP (Dynamic Host Configuration Protocol) is an auto configuration protocol used for assigning IP addresses.
	DHCPv6	DHCP (Dynamic Host Configuration Protocol) for IPv6.
	Diameter	An authentication, authorization, and accounting protocol for computer networks.
	DNS	Querying a DNS server over TCP or UDP.
	FIX	Communication between network devices using the FIX protocol.
GPRS Tunneling Protocol Control	Protocol used within the GPRS core network for signaling between gateway and serving GPRS support nodes. It allows session activation, deactivation, adjustment of quality of service parameters, and session updates to check for new subscribers.	

Application Group	Application	Description
Networking	GPRS Tunneling Protocol Prime	GTP protocol used for carrying charging data from the charging data function to the charging gateway function. Generally, from many individual network elements to a centralized computer that delivers the charging data to the network operator's billing centre.
	GPRS Tunneling Protocol User	Protocol used for carrying user data with the GPRS core network and between the radio access network and the core network.
	FinTS	A bank-independent protocol developed for online banking in the European market, used by German banks. Formerly HBCI (Home Banking Computer Interface)
	HDAP	Microsoft HDA Protocol.
	HTTP	HTTP (HyperText Transfer Protocol) the principal transport protocol for the World Wide Web.
	Ident	Ident is a protocol that helps identify the user of a particular TCP connection.
	IGMP	IGMP (Internet Group Management Protocol) is a communications protocol used by hosts and adjacent routers on IP networks to establish multicast group memberships.
	ISAKMP	A protocol defined by RFC 2408 for establishing Security Associations (SA) and cryptographic keys in an Internet environment. ISAKMP only provides a framework for authentication and key exchange and is designed to be key exchange independent.
	Java RMI	A Java application programming interface that performs the object-oriented equivalent of remote procedure calls (RPC).
	Kerberos	Kerberos is a network authentication protocol designed to provide strong authentication for client/server applications by using secret-key cryptography.
	LLMNR	LLMNR (Link-local Multicast Name Resolution) is used by Windows for local name resolution.
	MDNS	MDNS (Multicast DNS)
	MFTP	Designed for the purpose of file sharing. It is still under development, and therefore may acquire more features or other improvements in addition to those discussed in this article. This is the communication protocol used by such clients as eMule and eDonkey and, in its extended implementation, by the Overnet network.
	MobileIP	An Internet Engineering Task Force (IETF) standard communications protocol that is designed to allow mobile device users to move from one network to another while maintaining a permanent IP address.
	MortgageWare	A product developed by Interlinq Software Corp that automates all components of the loan originating process.
MUMPS	Plus Five's MUMPS.	
NDS Auth	A software module from Symantec Corporation.	

Application Group	Application	Description
Networking	PTP	A high-precision time protocol for synchronization used in measurement and control systems residing on a local area network. Accuracy in the sub-microsecond range may be achieved with low-cost implementations.
	QUIC	The protocol supports a set of multiplexed connections over UDP, and was designed to provide security protection equivalent to TLS/SSL, along with reduced connection and transport latency.
	RADIUS	Provides centralized Authentication, Authorization, and Accounting (AAA) management for computers to connect and use a network service.
	RADIUS-ACCT	Provides centralized Accounting management for computers to connect and use a network service.
	RAP	RAP (Route Access Protocol) is a general protocol for distributing routing information at all levels of the Internet.
	RIP	RIP (Routing Information Protocol) is a dynamic routing protocol.
	RPC2PMAP	An ONC RPC service that runs on network nodes that provide other ONC RPC services.
	RSVP	RSVP (Resource Reservation Protocol) is a control protocol designed to reserve resources across a network.
	Rsync	A software application for Unix systems which synchronizes files and directories from one location to another while minimizing data transfer using delta encoding when appropriate. An important feature of rsync not found in most similar programs/protocols is that the mirroring takes place with only one transmission in each direction. rsync can copy or display directory contents and copy files, optionally using compression and recursion.
	SCCM	System Center Configuration Manager (CM07 or SCCM or ConfigMgr or Configuration Manager), formerly Systems Management Server (SMS), is a systems management software product by Microsoft for managing large groups of Windows-based computer systems. Configuration Manager provides remote control, patch management, software distribution, operating system deployment, network access protection, and hardware and software inventory.
	SCCP	SCCP (Skinny Call Control Protocol) traffic is generated by setting up and controlling voice over IP calls.
	SCTP	SCTP (Stream Control Transmission Protocol) is a Transport Layer protocol, serving in a similar role to the popular protocols TCP and UDP. It provides some of the same service features of both: it is message-oriented like UDP and ensures reliable, in-sequence transport of messages with congestion control like TCP.
	SEND	Secure Neighbor Discovery Protocol.
	Microsoft Spooler Subsystem	Spooler network communication between printers and workstations.
	SSDP	SSDP (Simple Service Discovery Protocol) is used for discovery of Universal Plug and Play services.
	SSL	SSL secured connections including HTTP (HyperText Transfer Protocol).
STUN	STUN (Session Traversal Utilities for NAT) is used in NAT traversal for applications with real-time voice, video, messaging, and other interactive communications.	

Application Group	Application	Description
Networking	Sun RPC	Sun RPC is a widely deployed remote procedure call system.
	SVRLOC	A service discovery protocol that allows computers and other devices to find services in a local area network without prior configuration. SLP has been designed to scale from small, unmanaged networks to large enterprise networks. It has been defined in RFC 2608 and RFC 3224 as Standards Track document.
	TACACS	A remote authentication protocol that is used to communicate with an authentication server commonly used in UNIX networks. TACACS allows a remote access server to communicate with an authentication server in order to determine if the user has access to the network.
	Teredo	A transitional technology that gives full IPv6 connectivity for IPv6-capable hosts which are on the IPv4 internet but which have no direct native connection to an IPv6 network.
	Timbuktu	A remote control software product developed by Motorola. Remote control software allows a user to control another computer across the local network or the Internet, viewing its screen and using its keyboard and mouse as if he or she were sitting in front of it. Timbuktu is compatible with computers running both Mac OS X and Windows.
	WCCP	A Cisco-developed content-routing protocol that provides a mechanism to redirect traffic flows in real-time to web-caches.
	WebSocket	The WebSocket protocol is independent TCP based protocol which can be used by any client or server application.
	Whois	A query and response protocol that is widely used for querying databases that store the registered users or assignees of an Internet resource, such as a domain name, an IP address block, or an autonomous system, but is also used for a wider range of other information.
	Wyse TCX	Wyse TCX Solutions feature a Collaborative Processing Architecture (CPA) which divides the workload between the server and the client to reduce the need for large servers.
	XNS	Xerox Network Services (XNS)
Network Monitoring	Chargen	A device or software that produces static or animated text (such as crawls and rolls) for keying into a video stream. Modern character generators are computer-based, and can generate graphics as well as text.
	Daytime	A service in the Internet Protocol Suite, defined in 1983 in RFC 867. It is intended for testing and measurement purposes in computer networks.
	Discard	A service in the Internet Protocol Suite defined in RFC 863. It is intended for testing, debugging, and measurement purposes.
	Echo	A service in the Internet Protocol Suite defined in RFC 862. It was originally proposed for testing and measurement of round-trip times in IP networks.
	Finger	A simple network protocol for the exchange of human-oriented status and user information.

Application Group	Application	Description
Network Monitoring	ICMP	ICMP (Internet Control Message Protocol) One of the core protocols of the Internet Protocol Suite. It is chiefly used by the operating systems of networked computers to send error messages indicating, for instance, that a requested service is not available or that a host or router could not be reached. ICMP can also be used to relay query messages.
	ICMPv6	The implementation of the Internet Control Message Protocol (ICMP) for Internet Protocol version 6 (IPv6).
	Naverisk	Traffic to and from Naverisk clients. Traffic is forwarded to a Naverisk Site Controller hosted on a cloud on the Internet.
	SMUX	SNMP multiplexing is a computer networking protocol used in implementing the Simple Network Management Protocol. It defines communications between the SNMP Agent and other processes.
	SNMP	SNMP (Simple Network Management Protocol) is an Internet-standard protocol for managing devices on IP networks.
	Syslog	A standard for logging program messages.
	Sysstat	System diagnostics information.
	Tivoli	IBM Tivoli Object Request Broker (ORB)
	Tripwire	A free software security and data integrity tool useful for monitoring and alerting on specific file change(s) on a range of systems.
	UMA	Universal Management Architecture.
	Zabbix	Network status information communicated between Zabbix servers and agents (clients)
	Proxies	Avocent
Freemate		Browsing the internet via the Freemate proxy application.
Hopster		An application that tunnels other applications in order to bypass firewalls.
Jondo		Browsing the JonDo website and browsing the internet while being connected via JonDo proxy servers.
Privax		Privax is a web anonymity network.
Psiphon		Psiphon is a circumvention tool that utilizes VPN, SSH and HTTP Proxy technology to provide uncensored access to Internet content.
SOCKS		An Internet protocol that facilitates the routing of network packets between client-server applications via a proxy server.
Tor		Tor (The Onion Router) is a free software implementation of second-generation onion routing.
Ultrasurf		Traffic generated from the ultrasurf application.
uproxy		Proxy traffic generated by sharing connections with peers using uProxy's Chrome or Firefox extension.

Application Group	Application	Description
Remote Access	Citrix CGP	Citrix Common Gateway Protocol.
	Citrix ICA	ICA (Independent Computing Architecture) is a proprietary protocol for an application server system.
	Citrix IMA	The Citrix IMA (Independent Management Architecture) protocol is used for server-to-server communication in performing functions such as licensing and server load updates.
	Citrix Licensing	Citrix Licensing traffic.
	Citrix RTMP	Citrix streaming.
	Citrix SLG	Citrix SLG (Storage Link Gateway) enables automated discovery and one-click access to native storage services using any of the leading storage architectures and protocols, including DAS, NAS, SAN, iSCSI, and Fibre Channel.
	ERPC	Encore Expedited Remote Procedure Call.
	GOM Remote	Using mobile application to remotely control PC applications GOM Audio and GOM Media Player.
	HP VMM	HP Virtual Machine Manager (VMM)
	KWDB	Remote Kernel debugger communication.
	LogMein	Remote access and PC desktop control.
	NateOn Remote	Remote control traffic generated by the NateOn instant messaging application that allows the user to control another user's computer.
	PC Anywhere	Traffic generated through setting up remote sessions by using pcAnywhere application.
	PCoIP	A remote access protocol that compresses.
	RDP	RDP (Remote Desktop Protocol) provides users with a graphical interface to another computer.
	rsh	Berkeley Remote Shell Service allows a user to access a remote host and execute a single command upon it without requiring the login and logout steps.
	SCCM Remote Control	Feature of SCCM to control a client remotely.
	ShowMyPC	Connecting, controlling, viewing, file transfer, and chatting remote devices from the remote access application ShowMyPC client and browsing the website.
	Sophos RED	Communication between a Sophos RED device and UTM firewall.
	SSH	SSH (Secure Shell) is a network protocol that allows data to be exchanged using a secure channel between two networked devices.
SUPDUP	The SUPDUP protocol provides for login to a remote system over a network with terminal-independent output.	

Application Group	Application	Description
Remote Access	TeamViewer	TeamViewer is used to remotely control any computer on the Internet. TeamViewer needs to be running on both machines in order to connect. While the main focus is remote control, desktop sharing, file transfer and presentation features are also included.
	Telnet	A network protocol used on the Internet or local area networks to provide a bidirectional interactive text-oriented communications facility using a virtual terminal connection.
	VNC	Traffic for Virtual Network Computing.
	Citrix WANScaler	Citrix WAN optimization traffic.
Streaming Media	applemusic	Audio data streamed from Apple's Music service via mobile apps or iTunes.
	Cisco TelePresence	Audio and video conferencing traffic generated by Cisco TelePresence.
	Facebook VoIP	Video and voice streams using Facebook Messenger mobile apps or web browser functionality.
	FaceTime	Video conferencing between supported Apple mobile devices and Macintosh computers.
	Adobe Flash	Streaming videos, site and application interaction, using browser plugin Adobe Flash.
	Fring A/V	Audio and video flow traffic for mobile messaging application Fring.
	Funshion Online	Streaming movies.
	Google Video	A free video sharing website and also a video search engine from Google Inc.
	Google Talk Audio	Making an audio call or message using Google's messaging service Google Talk.
	Google Talk Video	Making a video call using Google Talk or Google Talk mobile.
	H.225	In the family of H.323 VoIP protocols.
	H.245	H.245 is a control channel protocol used with[in] e.g. H.323 and H.324 communication sessions.
	H.248	Megaco (officially H.248) is an implementation of the Media Gateway Control Protocol architecture for controlling VoIP gateways.
	H.323	H.323 VoIP call signalling and control.
	Hulu	Hulu online video streaming.
	Instagram Video	Streaming videos with the Instagram application.
	iTunes	Apple's media player and online store.
	Kugou	Traffic originating from the Kugou applications for iPhone, Android and PC, or from browsing to http://www.kugou.com . Includes Music, Music Videos, and Browsing.
	Lync Audio	Voice calls between Lync clients if the control channel is not encrypted.
	Lync Media	Voice and Video calls between Lync clients.
Lync Video	Video calls between Lync clients if the control channel is not encrypted.	
MagicJack	Magic Jack is a USB device that allows any phone to make free calls within the US and Canada.	
Nate Video	Video traffic streamed from nate.com.	
NetFlix	Subscription based video streaming service.	

Application Group	Application	Description
Streaming Media	niconico Live	Streaming live video from the Japanese streaming media site niconico.
	Nokia Music	A platform for downloading music to your PC or mobile device.
	Pandora	Pandora internet radio audio streams.
	PPTV	PPTV is a popular Chinese online streaming video player that allows users access to TV stations and programs.
	Paltalk Video	Paltalk instant messaging video chat traffic.
	Paltalk Voice	Paltalk instant messaging audio chat traffic
	QQ Music	Traffic generated by streaming audio and browsing data from the QQ Music website or QQ Music App.
	QQ Video	Traffic generated by video streaming and browsing data from the QQ Video website or QQ Video App.
	QuickTime	An extensible proprietary multimedia framework developed by Apple Inc., capable of handling various formats of digital video, picture, sound, panoramic images, and interactivity. It is available for Mac OS classic (System 7 onwards), Mac OS X and Microsoft Windows operating systems.
	Rdio	Traffic generated by streaming media using Rdio mobile apps and desktop clients.
	Real Player	Data from RealNetworks (Real Player) streaming media.
	RTCP	RTCP (Real-Time Transport Control Protocol) is a sister protocol of the Real-time Transport Protocol (RTP). RTCP provides out-of-band control information for an RTP flow.
	RTMP	RTMP (Real Time Messaging Protocol) is commonly used for streaming Flash Video.
	RTP	RTP (Real-Time Transport Protocol) is primarily used to deliver real-time audio and video.
	RTP Audio	Real-Time audio conferencing and communication using the RTP protocol.
	RTP Video	Real-Time video conferencing and communication using the RTP protocol.
	RTSP	RTSP (Real Time Streaming Protocol) is used for establishing and controlling media sessions between end points.
	RTSPS	A secure network control protocol designed for use in entertainment and communications systems to control streaming media servers. The protocol is used for establishing and controlling media sessions between end points.
	Shockwave	A multimedia platform used to add animation and interactivity to web pages.
	SHOUTcast	SHOUTcast is a cross-platform proprietary protocol for streaming media over the Internet.
Silverlight	Streaming of Silverlight video and audio data.	
Sina Video	Video streaming from Chinese news/social website Sina.	
SIP	SIP (Session Initiation Protocol) is a common control protocol for setting up and controlling voice and video calls.	
Skype	A software application that allows users to chat, make voice/video calls, and transfer files over the Internet.	
Sling Media	Traffic generated by connecting to Slingbox device using mobile app and PC.	
Sopcast	Streaming or broadcasting audio or video data through with Sopcast peer-to-peer technology.	

Application Group	Application	Description
Streaming Media	Spotify	Spotify web and audio traffic.
	Secure RTCP	RTCP (Real-Time Transport Control Protocol) is a sister protocol of the Real-time Transport Protocol (RTP). SRTCP provides out-of-band control information for an SRTP flow.
	SRTP	SRTP (Secure Real-Time Transport Protocol) is primarily used to deliver secure real-time audio and video.
	SRTP Audio	Secure Real-Time audio conferencing and communication using the SRTP protocol.
	SRTP Video	Secure Real-Time video conferencing and communication using the SRTP protocol.
	Steam social	Steam social traffic (Friends network).
	T-Mobile	T-Mobile VoIP services.
	UltraViolet	Logging into and viewing an UltraViolet movie collection, and being forwarded to retailer's sites when picking a movie from your collection.
	Vonage	Vonage is a VoIP company that provides telephone service via a broadband connection.
	WhatsApp	WhatsApp Messenger is a cross-platform mobile messaging app which allows you to exchange messages without having to pay for SMS.
	Windows Media	Windows multimedia traffic.
	Yahoo Messenger Audio	Voice calls using the Yahoo Messenger application.
	Yahoo Messenger Video	Video calls using the Yahoo Messenger application.
VPN/Tunneling	AH	AH (Authentication Header) is a member of the IPsec protocol suite, guaranteeing connectionless integrity and data origin authentication of IP packets.
	BEETPH	BEETPH (Bound End-to-End Tunnel) is a new mode for IPsec ESP. The new mode augments the existing ESP tunnel and transport modes. For end-to-end tunnels.
	Betternet	VPN tunneling with Betternet desktop and mobile apps.
	Browsec	VPN traffic generated via the Browsec browser extension and mobile apps.
	CloudVPN	VPN traffic generated by using the CloudVPN app on mobile devices.
	CyberGhost	Browsing the internet while being connected via CyberGhost VPN servers, also traffic generated while browsing the CyberGhost homepage.
	DotVPN	VPN tunneling via the DotVPN browser extension and mobile app.
	DynGate	A firewall router that allows TeamViewer to route a TCP/IP connection over an http tunnel.
	ESP	ESP (Encapsulating Security Payload) is a member of the Ipsec protocol suite, providing origin authenticity, integrity, and confidentiality protection of packets.
	Frozenway	Traffic generated by using the Frozenway app and browser extensions on desktop and connecting to Frozenway OpenVPN server on mobile devices.

Application Group	Application	Description
VPN/Tunneling	GRE	GRE (Generic Route Encapsulation Protocol) is a tunneling protocol developed by Cisco Systems that can encapsulate a wide variety of network layer protocol packet types inside IP tunnels, creating a virtual point-to-point link to various brands of routers at remote points over an Internet Protocol (IP) internetwork.
	Hamachi	A hosted VPN service that lets you securely extend LAN-like networks to distributed teams.
	Hola	Traffic generated by browsing websites through the Hola browser extension and mobile apps.
	Hotspot Shield	The setup and running of a vpn tunnel using Hotspot Shield's application on PC, Android, or iPhone.
	IPComp	IPComp (IP Payload Compression Protocol) is a low level compression protocol for IP datagrams defined in RFC 3173.
	IPIP	An IP tunneling protocol that encapsulates one IP packet in another IP packet.
	IPsec	IPsec (Internet Protocol Security) is an end-to-end security scheme commonly used for VPNs.
	L2TP	A tunneling protocol used to support virtual private networks (VPNs). It does not provide any encryption or confidentiality by itself; it relies on an encryption protocol that it passes within the tunnel to provide privacy.
	OpenVPN	A free and open source software application that implements virtual private network (VPN) techniques for creating secure point-to-point or site-to-site connections.
	PPTP	A method for implementing virtual private networks. PPTP uses a control channel over TCP and a GRE tunnel operating to encapsulate PPP packets.
	RSVP Tunnel	A new RSVP-based tunnel protocol establishes packet tunnels between a tunnel source point (TSP) and a tunnel destination point (TDP) such that guaranteed services to aggregated packet flows is provided.
	SecurityKISS	Browsing the internet while being connected via SecurityKISS VPN servers, also traffic generated while browsing the securityKISS homepage
	SoftEther	VPN traffic generated by connecting to SoftEther VPN servers and browsing traffic from SoftEther and VPNGate websites.
	Spotflux	Traffic generated by using Spotflux VPN application on a mobile device or PC.
	SuperVPN	VPN traffic generated by using the SuperVPN app on mobile devices.
	TunnelBear	Tunneled traffic via TunnelBear and/or TunnelBear website activity.
	usaip	Traffic generated by connecting to usaip vpn autoconnect app on pc and phone and browsing websites.
	VPNReactor	Browsing the internet while being connected via VPNReactor VPN servers, also traffic generated while browsing the VPNReactor homepage.
vpnmaster	VPN traffic generated by using the VPN Master app on mobile devices.	
zenmatevpn	Traffic generated by using Zenmate Chrome extension and app on mobile devices.	