



Cradlepoint Secure Threat Management: Application and Threat Classification

Application Categories:

Category ID	Name
1	Instant messengers
2	Peer-to-peer networks
4	File sharing services and tools
5	Media streaming services
6	Email messaging services
7	VoIP services
8	Database tools
9	Online games
10	Management tools and protocols
11	Remote access terminals
12	Tunneling and proxy services
14	Web services
15	Security update tools
16	Web instant messengers
18	Business tools
19	Network protocols
24	Private protocols
25	Social networks



Application Identification:

Application ID	Application Category	Application Description	Application Name
0	1	IM is an instant messaging network paging software support via Internet chat, as well as send messages, URL, files and other functions. Software itself, there are some security holes, making it become a large attacker to control a user's computer as a conduit. Use the software may cause security problems, Account security, LAN security and system security.	Instant messengers
2	1	Yahoo Messenger is an advertisement-supported instant messaging client and associated protocol provided by Yahoo.	Yahoo Messenger
3	1	AIM is an instant messaging network paging software support via Internet chat, as well as send messages, URLs, files and other functions. Software itself, there are some security holes, making it become a large attacker to control a user's computer as a conduit. Use the software may cause security problems, Account security, LAN security and system security.	AIM/ICQ/iIM
4	1	QQ is an instant messaging network paging software support via Internet chat, as well as send messages, URLs, files and other functions. Software itself, there are some security holes, making it become a large attacker to control a user's computer as a conduit. Use the software may cause security problems, Account security, LAN security and system security.	QQ/TM



10	1	Gadu-Gadu is an instant messaging network paging software support via Internet chat, as well as send messages, URLs, files and other functions. Software itself, there are some security holes, making it become a large attacker to control a user's computer as a conduit. Use the software may cause security problems, Account security, LAN security and system security.	Gadu-Gadu
49	1	Message Send Protocol	Message Send Protocol
80	1	Weibo is the Chinese word for "microblog". It refers to mini-blogging services inclusive of providing a social chatting and sharing platform in China.	Weibo IM
0	2	peer-to-peer technology, is no central server, relying on the user group (peers) exchange of information Internet system. Peer-to-peer is commonly used to share a variety of formats including audio, video, data files, etc. These sources of P2P software, including the potential threat may overwrite files, rename the file, delete the file, by a third party such as malicious programs, such as Trojan viruses. Even the leakage of confidential information and computer viruses.	Peer-to-peer networks
2	2	BitTorrent is a peer-to-peer application used for simultaneous downloads of large files. BitTorrent is commonly used to download illegal copies of movies of television programs from the internet. You may be exposed to legal liability if your employees or using your infrastructure to download and make copies of pirated content. Your ISP may detect such activity and threaten to suspend service.	BitTorrent Series
4	2	DirectConnect is a peer-to-peer application used for simultaneous downloads of large files. DirectConnect is	DirectConnect



		designed to allow multiple peers to download large files simultaneously without using extraneous bandwidth from a centralized server.	
6	2	The eDonkey network (also known as the eDonkey2000 network or eD2k) is a decentralized, mostly server-based, peer-to-peer file sharing network best suited to share big files among users, and to provide long term availability of said files.	eDonkey Series
8	2	This event indicates that someone may have attempted to download a file using peer-to-peer application. It will violate the policy of many organizations.	Gnutella
11	2	Winy (also known as WinNY) is a Japanese peer-to-peer (P2P) file-sharing program which claims to be loosely inspired by the design principles behind the Freenet network, which keep user identities untraceable. While Freenet was implemented in Java, Winy was implemented as a Windows C++ application. This is the version that is mostly in English.	Winy
15	2	Vagaa is a file sharing application that enables users to share any digital file including images, audio, video, software, documents, etc.	Vagaa
44	2	Ares is a file sharing application that enables users to share any digital file including images, audio, video, software, documents, etc.	Ares
48	2	BitComet is a file sharing application that enables users to share any digital file including images, audio, video, software, documents, etc.	BitComet
62	2	eMule is a free peer-to-peer file sharing application for Microsoft Windows. Started in May 2002 as an	eMule



		alternative to eDonkey2000, eMule now connects to both the eDonkey network and the Kad network.	
64	2	eMule Plus is a new generation eMule compatible client created to improve the original GUI and to bring you the best experience ever.	eMule Plus
189	2	Transmission is a file sharing application that enables users to share any digital file including images, audio, video, software, documents, etc.	Transmission
0	4	This is an online storage service, through cloud storage on the Internet file synchronization, users can store and share files, photos and folders. This convenience may also lead to information security issues, setting mistakes may make the embedded Web server open to external access, resulting in information disclosure.	File sharing services and tools
1	4	File Transfer Protocol (FTP) is a standard network protocol used to transfer files from one host to another host over a TCP-based network, such as the Internet.	FTP Applications
5	4	File transferring via HTTP.	Web File Transfer
45	4	MediaFire is the free cloud storage service for businesses, professionals, and individuals to store, backup, collaborate and share files with others.	Mediafire
62	4	The NFS protocol is designed to be portable across different machines, operating systems, network architectures, and transport protocols.	NFS
72	4	RapidShare is a one-click hosting service that offers both free and commercial services.	Rapidshare
73	4	SendSpace.com is a free uploading site to host your files online and share it with other people.	Sendspace



84	4	Dropbox is a file hosting service operated by Dropbox, Inc. that offers cloud storage, file synchronization, and client software.	Dropbox
0	5	Streaming provided player video, music features, If your company employees to use streaming functions, it may cause the company Internet bandwidth occupied cause slow.	Media streaming services
1	5	Windows Media Player enables users to play audio, video, and other multimedia over the Internet and corporate networks. This may cause network bandwidth to be consumed unnecessarily. This event indicates that an internal user attempted to play on-line multimedia with Windows Media Player.	Windows Media Player
2	5	RealPlayer is a cross-platform software product created by RealNetworks primarily used for the playing of recorded media. The media player is compatible with numerous formats within the multimedia realm, including MP3, MPEG-4, QuickTime, Windows Media, and multiple versions of the proprietary RealAudio and RealVideo formats.	RealPlayer
4	5	QuickTime is an extensible multimedia framework developed by Apple Inc., capable of handling various formats of digital video, picture, sound, panoramic images, and interactivity.	QuickTime
6	5	PPTV is a peer-to-peer streaming video freeware created in Huazhong University of Science and Technology, People's Republic of China. It is part of a new generation of P2P applications, that combine P2P and Internet TV, called P2PTV.	PPTV (PPLive)



7	5	<p>QQLive is a live streaming video freeware created by Tencent, which takes advantages of advanced P2P streaming media technology to ensure program keep fluency with many people viewing at the same time.</p>	QQLive
10	5	<p>iTunes enables users to play audio over the Internet and corporate networks. This may cause network bandwidth to be consumed unnecessarily. This event indicates that an internal user attempted to play on-line multimedia with iTunes.</p>	iTunes
13	5	<p>iQIYI/PPS is a video sharing platform in China.</p>	iQIYI/PPS
19	5	<p>Twitch.tv is a live streaming video platform focused on e-sports and video gaming.</p>	Twitch.tv
24	5	<p>Sopcast is a free program that enables viewers to watch high quality live Television programs around the world.</p>	SopCast
27	5	<p>Metacafe is a video-sharing website that specializes in short-form video entertainment in the categories of movies, video games, sports, music and TV.</p>	Metacafe
30	5	<p>BBC iPlayer, commonly shortened to iPlayer, is an internet television and radio service.</p>	BBC-iplayer
35	5	<p>Hulu is a website and over-the-top (OTT) subscription service offering ad-supported on-demand streaming video of TV shows, movies, webisodes and other new media, trailers, clips, and behind-the-scenes footage from NBC, Fox, ABC, CBS, Nickelodeon, and many other networks and studios.</p>	Hulu
61	5	<p>Funshion is a Chinese peer-to-peer streaming video network software.</p>	Funshion
65	5	<p>MP4 is a digital multimedia format most commonly used to store video and audio, but can also be used to store other data such as subtitles and still images.</p>	MP4



67	5	Flash Video is a container file format used to deliver video over the Internet using Adobe Flash Player (initially produced by Macromedia) versions 6-10.	FLV
80	5	This event indicates that a user was trying to transfer a media file from a Website.	Web Streaming
90	5	Real Time Messaging Protocol (RTMP) was initially a proprietary protocol developed by Macromedia for streaming audio, video and data over the Internet, between a Flash player and a server.	RTMP
101	5	Pandora is a music streaming and automated music recommendation service that serves as "custodian" of the Music Genome Project. The service, operated by Pandora Media, Inc., is only available in the United States, Australia and New Zealand.	Pandora
103	5	VLC media player is a highly portable free and open-source media player and streaming media server written by the VideoLAN project.	VLC
106	5	Livesearch.tv is search your prefer live on Justin.tv,Ustream.tv, StreamIT, and Youtube in streaming with exclusive livesearch.tv.	Livesearch.tv/CoolStreaming
110	5	Thunderkankan is a video-on-demand service with a web interface as well as a client application. Xunlei Kankan is also available on mobile platforms including Android and iOS.	Thunderkankan
112	5	YouTube is a video-sharing website. Unregistered users can watch videos, and registered users can upload videos to their channels.	Youtube
115	5	RMVB is a variable bitrate extension of the RealMedia multimedia container format developed by RealNetworks. As opposed to the more common	RMVB



		RealMedia container, which holds streaming media encoded at a constant bitrate (CBR), RMVB is typically used for multimedia content stored locally. Files using this format have the file extension ".rmvb".	
116	5	Youku.com is a Chinese video hosting service based in the People's Republic of China.	Youku.com
117	5	SWF is an Adobe Flash file format used for multimedia, vector graphics and ActionScript.	SWF
118	5	AVI is a multimedia container format introduced by Microsoft in November 1992 as part of its Video for Windows technology. AVI files can contain both audio and video data in a file container that allows synchronous audio-with-video playback.	AVI
119	5	This event indicates that a user was trying to download a file from a Website.	MP3
120	5	WMA is an audio data compression technology developed by Microsoft. The name can be used to refer to its audio file format or its audio codecs. It is a proprietary technology that forms part of the Windows Media framework.	WMA
121	5	MOV is a computer file format used natively by the QuickTime framework.	MOV
122	5	WMV is a video compression format for several proprietary codecs developed by Microsoft. The original video format, known as WMV, was originally designed for Internet streaming applications, as a competitor to RealVideo.	WMV
123	5	ASF is Microsoft's proprietary digital audio/digital video container format, especially meant for streaming media. ASF is part of the Windows Media framework.	ASF



124	5	Vudu is a content delivery and media technology company responsible for Vudu-branded interactive media services and devices. Vudu distributes full-length movies over the Internet to television in the United States of America.	Vudu
132	5	Netflix is an international provider of on-demand Internet streaming media available to viewers in all of North and South America, Australia, New Zealand, Japan, and parts of Europe, and of flat rate DVD-by-mail in the United States, where mailed DVDs and Blu-ray are sent via Permit Reply Mail.	Netflix
158	5	The M4V file format is a video file format developed by Apple and is very close to the MP4 format.	M4V
190	5	The Digital Audio Access Protocol (DAAP) is the proprietary protocol introduced by Apple in its iTunes software to share media across a local network.	DAAP
223	5	Periscope is a live video streaming app for iOS and Android developed by Kayvon Beykpour and Joe Bernstein and acquired by Twitter before launch in 2015.	Periscope
0	6	Mailserver provide reception, a letter and send the file functions. Hackers may send a malicious file or in the field against SQL injection, XSS attacks or phishing attacks. Or identity theft, fraud or obtaining user information. Input data fields can also cause apart likely to click a malicious link may also be outside poisoning caused by computer.	Email messaging services
1	6	Simple Mail Transfer Protocol (SMTP) is an Internet standard for electronic mail (e-mail) transmission across Internet Protocol (IP) networks.	SMTP



2	6	The Post Office Protocol (POP) is an application-layer Internet standard protocol used by local e-mail clients to retrieve e-mail from a remote server over a TCP/IP connection.	POP3
3	6	Someone attempts to login to the IMAP4 server.	IMAP4
14	6	Open is a webmail system.	Open Mail
18	6	QQ mail is a free web mail service in China.	QQ Mail
19	6	RoundCube Webmail is a browser-based multilingual IMAP client with an application-like user interface.	Roundcubemail
23	6	SquirrelMail is a web-based email application started by Nathan and Luke Ehresman and written in the PHP scripting language.	SquirrelMail
34	6	Yandex is a free web mail service in Russian.	Yandex.Mail
43	6	Microsoft Exchange Server is a messaging and collaborative software product developed by Microsoft. It is part of the Microsoft Servers line of server products and is widely used by enterprises using Microsoft infrastructure solutions. Exchange's major features consist of electronic mail, calendaring, contacts and tasks; support for mobile and web-based access to information; and support for data storage.	MS Exchange Server
64	6	Excite is a web-based email.	Excite
95	6	Gmail is a free, advertising-supported email service provided by Google.	Gmail
106	6	Yahoo mail is a free e-mail service offered by the American search engine company Yahoo.	Yahoo Mail
0	7	Voice over Internet Protocol (Voice over IP, VoIP) is a general term for a family of methodologies, communication protocols, and transmission technologies for delivery of voice communications and multimedia	VoIP services



		sessions over Internet Protocol (IP) networks, such as the Internet. Other terms frequently encountered and often used synonymously with VoIP are IP telephony, Internet telephony, voice over broadband (VoBB), broadband telephony, and broadband phone.	
1	7	Skype is an application that specializes in providing video chat and voice calls. Users can also exchange text and video messages, files and images, as well as create conference calls.	Skype
2	7	H.323 is an umbrella Recommendation from the ITU Telecommunication Standardization Sector (ITU-T) that defines the protocols to provide audio-visual communication sessions on any packet network. The H.323 standard addresses call signaling and control, multimedia transport and control, and bandwidth control for point-to point and multi-point conferences.	H.323
4	7	FaceTime is a videotelephony software application and related protocol developed by Apple Inc.	Facetime
12	7	The Session Initiation Protocol (SIP) is an application-layer control (signaling) protocol for creating, modifying, and terminating sessions with one or more participants. It can be used to create two-party, multiparty, or multicast sessions that include Internet telephone calls, multimedia distribution, and multimedia conferences.	SIP
18	7	LINE is a proprietary application for instant messaging on smartphones and PCs. Line users exchange text messages, graphics, video and audio media, make free VoIP calls, and hold free audio or video conferences.	LINE
0	8	A database consists of an organized collection of data for one or more uses, typically in digital form. One way of	Database tools

		<p>classifying databases involves the type of their contents, for example: bibliographic, document-text, statistical.</p> <p>Digital databases are managed using database management systems, which store database contents, allowing data creation and maintenance, and search and other access.</p>	
1	8	<p>Microsoft SQL Server is a relational model database server produced by Microsoft. Its primary query languages are T-SQL and ANSI SQL.</p>	MSSQL
2	8	<p>None</p>	MySQL
5	8	<p>SAP AG (Systems, Applications, and Products in Data Processing) is a German multinational software corporation that makes enterprise software to manage business operations and customer relations. SAP ERP is the corporation's Enterprise Resource Planning, an integrated software solution that incorporates the key business functions of the organization.</p>	SAP
15	8	<p>Salesforce is a global enterprise software company headquartered in San Francisco, California, United States.</p>	Salesforce
0	9	<p>An online game is a game played over some form of computer network. This almost always means the Internet or equivalent technology, but games have always used whatever technology was current: modems before the Internet, and hard wired terminals before modems. The expansion of online gaming has reflected the overall expansion of computer networks from small local networks to the Internet and the growth of Internet access itself. Online games can range from simple text based games to games incorporating complex graphics and virtual worlds populated by many players</p>	Online games



		simultaneously. Many online games have associated online communities, making online games a form of social activity beyond single player games.	
1	9	QQ Game is an online game platform.	QQ Game
8	9	This event indicates that an internal host was trying to play a Realgame online game.	Realgame
12	9	This event indicates that an internal host was trying to play a Chinagame online game.	Chinagame
13	9	CS is a Counter-Strike game targeted towards Asia's gaming market. It is developed by Nexon Corporation of South Korea with oversight from license-holder Valve Corporation.	CS Game
14	9	Diablo is an action role-playing hack and slash video game developed by Blizzard North and published by Blizzard Entertainment in 2000.	Diablo
15	9	This event indicates that an internal host was trying to play a Legend online game.	Legend
19	9	Diablo3 is a dark fantasy/horror-themed action role-playing game developed by Blizzard North.	Diablo3
20	9	This event indicates that an internal host was trying to play a Sina Web game.	Sina Web Game
22	9	This event indicates that an internal host was trying to play a WoW online game.	WOW Game
62	9	The Xbox is a video game console developed by Microsoft.	XBOX
86	9	Call of Duty is a first-person and third-person shooter video game franchise. The series began on the PC, and later expanded to consoles and handhelds. Several spin-off games have also been released. The earlier games in	Call of Duty

		the series are set primarily in World War II, including Call of Duty, Call of Duty 2, and Call of Duty 3.	
111	9	Valve Steam is an internet-based digital distribution, digital rights management, multiplayer, and social networking platform developed by Valve Corporation. Steam provides the user with installation and automatic updating of games on multiple computers, and community features such as friends lists and groups, cloud saving, and in-game voice and chat functionality.	Valve Steam
141	9	This event indicates that an internal host was trying to play a Homygame online game.	Homygame
0	10	Network management refers to the activities, methods, procedures, and tools that pertain to the operation, administration, maintenance, and provisioning of networked systems.	Management tools and protocols
5	10	Simple Network Management Protocol (SNMP) is an Internet-standard protocol for managing devices on IP networks. Devices that typically support SNMP include routers, switches, servers, workstations, printers, modem racks, and more.	SNMP
61	10	The Domain Name System (DNS) is a hierarchical naming system for computers, services, or any resource participating in the Internet.	DNS
92	10	DCE/RPC, short for "Distributed Computing Environment / Remote Procedure Calls", is the remote procedure call system developed for the Distributed Computing Environment (DCE). This system allows programmers to write distributed software as if it were all working on the same computer, without having to worry about the underlying network code.	DCE-RPC



0	11	A computer terminal is an electronic or electromechanical hardware device that is used for entering data into, and displaying data from, a computer or a computing system. Early terminals were inexpensive devices but very slow compared to punched cards or paper tape for input, but as the technology improved and video displays were introduced, terminals pushed these older forms of interaction from the industry. A related development was timesharing systems, which evolved in parallel and made up for any inefficiencies of the users typing ability with the ability to support multiple users on the same machine, each at their own terminal.	Remote access terminals
1	11	This event indicates a PCAnywhere session start request. PCAnywhere is a remote-administration tool for Windows machines. Unauthorized connection attempts should be investigated.	pcAnywhere
2	11	VNC has a wide range of applications including system administration, IT support and helpdesks. It can also be used to support mobile users, giving them portable desktops within the enterprise and remote access at home, or on the road. The system allows several connections to the same desktop, providing an invaluable tool for collaborative or shared working in the workplace or classroom. It is also popularly used for long-distance computer support.	VNC
3	11	TeamViewer is an instant desktop sharing tool. It can instantly take control over a computer anywhere on the Internet, even through firewalls.	TeamViewer
4	11	Remote Desktop Protocol (RDP) is a proprietary protocol developed by Microsoft, which provides a user with a	MS Remote Desktop Protocol (RDP)



		graphical interface to connect to another computer over a network connection. The user employs RDP client software for this purpose, while the other computer must run RDP server software.	
5	11	Chrome Remote Desktop is a remote desktop software tool developed by Google that allows a user to remotely control another computer using a Chromoting protocol developed by Google.	Chrome Remote Desktop
9	11	GoToMyPC is a remote control software service that enables the user to operate their computer from another computer, over the Internet. Citrix Online, a division of Citrix Systems, produces GoToMyPC.	GoToMyPC
13	11	Fastviewer supported are One to One training, desktop sharing and file transfer.	Fastviewer
15	11	GoToMeeting is a web-hosted service created and marketed by the Online Services division of Citrix Systems.	GoToMeeting
18	11	This event indicates that an internal host was trying to use the Telnet services.	Telnet
19	11	Techinline is a remote support tool that enables instant, secure, and trouble-free connections between remote computers over the web and to any point in the world.	Techinline
20	11	ISL Online is a remote assistance and maintenance sessions, live chats and online meetings software.	ISL Online
21	11	TERMINAL Secure Shell (SSH) login	Secure Shell (SSH)
25	11	IBM Remote monitoring and Control	IBM Remote monitoring and Control
35	11	Netviewer use the Internet to view remote computers and collaborate. Easily control a remote computer in real time - worldwide. Reduce travel expenses, wasted time,	Netviewer



		and your carbon footprint. No installation required, works through firewalls, certified security.	
38	11	This event indicates that a remote user may be guessing magic cookies using through and xterm. This may allow a remote attacker to execute commands on the server.	X11
47	11	GoToAssist is a cloud-based toolset for IT support teams and customer support organizations. It is part of the "GoTo" family of products created by the SaaS division of Citrix Systems.	GoToAssist
0	12	Computer networks use a tunneling protocol when one network protocol (the delivery protocol) encapsulates a different payload protocol. By using tunneling one can (for example) carry a payload over an incompatible delivery-network, or provide a secure path through an untrusted network.	Tunneling and proxy services
2	12	VNN is a platform which provides peer-to-peer transparency.	VNN
4	12	SoftEther/PacketiX is an open-source free cross-platform multi-protocol VPN program, developed as an academic project from University of Tsukuba, released under the GPLv2 license since January 4, 2014. It supports multiple VPN protocols (SSL-VPN, L2TP/IPsec, OpenVPN and MS-SSTP) in a single VPN server instance.	SoftEther/PacketiX
5	12	TinyVPN is a FREE remote access service. It allows 2 PCs behind different routers to be connected directly. Once connected, the server PC can be accessed by client PC using Window Explorer, VNC, or any other network applications. Create a secure virtual tunnel. SSL protocol protects all traffic passing through this tunnel.	TinyVPN



6	12	HTTP-Tunnel client is an application that runs in the system tray acting as a SOCKS server, managing all data transmissions between the computer and the network.	HTTP-Tunnel
7	12	Tor (previously an acronym for The Onion Router) is free software for enabling online anonymity and resisting censorship.	Tor
8	12	Ptunnel is an application that allows you to reliably tunnel TCP connections to a remote host using ICMP echo request and reply packets, commonly known as ping requests and replies.	Ping Tunnel
9	12	Wujie is an application that allows user encrypted browsing with IE through proxy to improve their privacy and security on the Internet.	Wujie/UltraSurf
10	12	Freegate is an application that allows user encrypted browsing with IE through proxy to improve their privacy and security on the Internet.	Freegate
15	12	Hamachi is intended as a zero-configuration virtual private network (VPN) application that is capable of establishing direct links between computers that are behind NAT firewalls without requiring reconfiguration (when the user's PC can be accessed directly without relays from the Internet/WAN side); in other words, it establishes a connection over the Internet that emulates the connection that would exist if the computers were connected over a local area network.	Hamachi
21	12	Coralcdn is a free anonymous web proxy.	Coralcdn
22	12	Glype is a free-to-use, web-based proxy script written in PHP (external link). It is open source, but it is NOT released as GPL (external link) or a similar license.	Glype
23	12	GPass is a free anonymous proxy.	GPass



30	12	Vtunnel is a free anonymous web based proxy service.	Vtunnel
32	12	Bypass that is anonymous proxy bypass website.	BypassThat
34	12	JAP/JonDo is a proxy system designed to allow browsing the Web with revocable pseudonymity.	JAP/JonDo
37	12	SofaWare	SofaWare
40	12	Kerberos (pronounced) is a computer network authentication protocol, which allows nodes communicating over a non-secure network to prove their identity to one another in a secure manner. It is also a suite of free software published by Massachusetts Institute of Technology (MIT) that implements this protocol.	Kerberos
52	12	CGIProxy is, as its name suggests, a CGI proxy software package. A CGI (Common Gateway Interface) proxy appears to a user as a web page that allows the user to access a different site through it, in most cases anonymously.	CGIProxy
55	12	OpenVPN is an open source software application that implements virtual private network (VPN) techniques for creating secure point-to-point or site-to-site connections in routed or bridged configurations and remote access facilities.	OpenVPN
56	12	CCProxy is a proxy server. CCProxy can support broadband, DSL, dial-up, optical fiber, satellite, ISDN and DDN connections, it helps you build your own proxy server and share Internet connection within the LAN.	CCProxy
64	12	LogMeIn is a public company that provides software as a service-based remote connectivity, collaboration, and support solutions to businesses and consumers.	LogMeIn
65	12	HotspotShield is a free VPN service.	HotspotShield



144	12	VPN Gate is a plugin for SoftEther VPN, which allows users to connect to free VPN servers, run by volunteers who use SoftEther to host their VPN servers.	VPN Gate
0	14	The term Web 2.0 is commonly associated with web applications that facilitate interactive information sharing, interoperability, user-centered design, and collaboration on the World Wide Web. A Web 2.0 site gives its users the free choice to interact or collaborate with each other in a social media dialogue as creators (prosumer) of user-generated content in a virtual community, in contrast to websites where users (consumer) are limited to the passive viewing of content that was created for them. Examples of Web 2.0 include social-networking sites, blogs, wikis, video-sharing sites, hosted services, web applications, mashups and folksonomies.	Web services
10	14	Google Translate is a free statistical machine translation service provided by Google Inc. to translate a section of text, document, or webpage into another language.	Google Translate
11	14	This event indicates that an internal host was trying to open the Google-Picasa web page.	Google Picasa
15	14	Google Inc. is an American multinational corporation which provides Internet-related products and services, including internet search, cloud computing, software and advertising technologies.	Google
16	14	Google Books is a service from Google Inc. that searches the full text of books and magazines that Google has scanned, converted to text using optical character recognition, and stored in its digital database.	Google Books
19	14	hao123 is a navigation website in China.	WebSocket



21	14	PayPal is a global e-commerce business allowing payments and money transfers to be made through the Internet.	PayPal.com
25	14	Cable News Network (CNN) is a U.S. cable news channel founded in 1980 by American media mogul Ted Turner.	CNN.com
28	14	Evernote is a suite of software and services designed for notetaking and archiving. A "note" can be a piece of formatted text, a full webpage or webpage excerpt, a photograph, a voice memo, or a handwritten "ink" note. Notes can also have file attachments.	Evernote
35	14	ESPN is an American global cable television network focusing on sports-related programming including live and recorded event telecasts, sports talk shows, and other original programming.	ESPN
38	14	Google Analytics (GA) is a service offered by Google that generates detailed statistics about a website's traffic and traffic sources and measures conversions and sales.	Google Analytics
66	14	Amazon CloudFront is a content delivery network (CDN) offered by Amazon Web Services.	Amazon CloudFront
86	14	Google Earth is a virtual globe, map and geographic information program that was originally called Earth Viewer, and was created by Keyhole, Inc, a company acquired by Google in 2004.	Google Earth
134	14	Google Play is a digital application distribution platform for Android and an online electronics and digital media store developed and maintained by Google.	Google Play
163	14	This event indicates that an internal host was trying to open the Google-docs web page.	Google Docs
164	14	This event indicates that an internal host was trying to open the Google-calendar web page.	Google Calendar



206	14	WebCT is the world's leading provider of e-learning solutions to higher education. It is a tool that facilitates the creation of sophisticated World Wide Web-based educational environments. WebCT was built by educators at the University of British Columbia as a tool to allow other educators to build sophisticated Web-Based learning environments without the need for lot of time, resources or technical expertise.	WebCT
209	14	Adobe Systems Incorporated is an American multinational computer software company founded in 1982 and headquartered in San Jose, California, United States. The company has historically focused upon the creation of multimedia and creativity software products, with a more-recent foray towards rich Internet application software development.	Adobe.com
222	14	The Hypertext Transfer Protocol (HTTP) is a networking protocol for distributed, collaborative, hypermedia information systems. HTTP is the foundation of data communication for the World Wide Web.	HTTP
417	14	Optima Healthcare Solutions is cloud-based software for SNF therapy, outpatient therapy clinics and hospice.	Optima Healthcare Solutions
457	14	Google Photos is a photo sharing and storage service developed by Google. It was announced in May 2015 and spun out from Google+, the company's social network.	Google Photos
464	14	PointClickCare develops web-based products and services to help long-term care providers manage the complete lifecycle of resident care.	PointClickCare
0	15	Security Update is a piece of software designed to fix problems with, or update a computer program or its supporting data. This includes fixing security	Security update tools



		vulnerabilities and other bugs, and improving the usability or performance. Though meant to fix problems, poorly designed patches can sometimes introduce new problems (see software regressions).	
9	15	Microsoft is an American multinational software corporation headquartered in Redmond, Washington that develops, manufactures, licenses, and supports a wide range of products and services related to computing.	Microsoft Windows Update
10	15	Norton AntiVirus, developed and distributed by Symantec Corporation, provides malware prevention and removal during a subscription period. It uses signatures and heuristics to identify viruses. Other features include e-mail spam filtering and phishing protection.	Norton
11	15	Sophos is an antivirus software.	Sophos
12	15	This event indicates that an internal host was trying to use the Yum Update service.	Yum
14	15	Adobe is an American multinational computer software company founded in 1982 and headquartered in San Jose, California, United States.	Adobe
16	15	This event indicates that an internal host was trying to use the Kaspersky Update service.	Kaspersky
17	15	This event indicates that an internal host was trying to use the McAfee Update service.	McAfee
18	15	This event indicates that an internal host was trying to use the TrendMicro Update service.	TrendMicro
20	15	ESET NOD32 Antivirus, commonly known as NOD32, is an antivirus software package made by the Slovak company ESET.	NOD32



21	15	Avast is an antivirus computer program developed by AVAST Software, a company headquartered in Prague, Czech Republic, with offices in Linz, Austria; Friedrichshafen, Germany; and San Mateo, California.	Avast
23	15	Avira Operations GmbH & Co. KG is a German antivirus software company. When founded, the company was called "H+B EDV Datentechnik GmbH".	Avira
24	15	Emsisoft is an antivirus software.	Emsisoft
32	15	Apple update process.	Apple
34	15	Google Updater and Google Update are programs available for Windows that help ensure that you have the most up-to-date, stable, and secure versions of Google applications installed on your computer.	Google Update
0	16	Instant messaging (IM) is a form of real-time direct text-based communication between two or more people using personal computers or other devices, along with shared software clients. The users text is conveyed over a network, such as the Internet. More advanced instant messaging software clients also allow enhanced modes of communication, such as live voice or video calling.	Web instant messengers
10	16	QQ is a free web instant messaging computer program in China.	QQ Web Messenger
11	16	AOL Instant Messenger (AIM) is an instant messaging and presence computer program which uses the proprietary OSCAR instant messaging protocol and the TOC protocol to allow registered users to communicate in real time.	AOL Web Messenger
29	16	Gadu-Gadu is a Polish instant messaging client using a proprietary protocol.	Gadu-Gadu Web Messenger
0	18	Business software is generally any software program that helps a business increase productivity or measure their	Business tools



		productivity. The term covers a large variation of uses within the business environment, and can be categorized by using a small, medium and large matrix.	
1	18	WatchGuard System Manager (WSM) is an out-of-the-box platform that enables you to centrally manage all the Firebox appliances in your network using one easy-to-use console.	WatchGuard WSM Management
3	18	User authentication is a process that finds whether a user is who he or she is declared to be, and verifies the privileges assigned to that user.	WatchGuard Authentication Access
5	18	None	WatchGuard external Webblocker database fetch
12	18	WebEx Communications Inc. is a Cisco company that provides on-demand collaboration, online meeting, web conferencing and videoconferencing applications.	Webex
13	18	WebOffice brings together powerful, professional web-based business applications specifically designed to make collaboration easy and cost-effective.	Webex-WebOffice
32	18	Microsoft Office is an office suite of desktop applications, servers and services for Microsoft Windows and OS X operating systems.	Microsoft Office
56	18	Docker is an open-source project that automates the deployment of applications inside software containers.	Docker
93	18	IBM HTTP Server (IHS) is a web server based on the Apache Software Foundation's Apache HTTP Server that runs on AIX, HP-UX, Linux, Solaris, Windows NT, and z/OS. It is available for download and use free of charge but without IBM support. The HTTP server is also included in the IBM WebSphere Application Server distribution packages.	IBM HTTP



132	18	Atlassian is an enterprise software company that develops products for software developers, project managers, and content management.	Atlassian
138	18	The Remote Web Workplace is a feature of Microsoft's Windows Small Business Server and the midsize business-focused product, Windows Essential Business Server, which enables pre-created users to log in to a front-end network-facing interface of the small business server.	Microsoft Remote Web Workplace
218	18	Remote Authentication Dial In User Service (RADIUS) is a networking protocol that provides centralized Authentication, Authorization, and Accounting (AAA) management for users who connect and use a network service.	Radacct RADIUS
247	18	None	WatchGuard Webblocker database transfer
249	18	None	WatchGuard Security Event Processor logging
0	19	A network protocol defines rules and conventions for communication between network devices. Network protocols include mechanisms for devices to identify and make connections with each other, as well as formatting rules that specify how data is packaged into messages sent and received.	Network protocols
1	19	None	TCP Port Service Multiplexer
2	19	None	Management Utility
3	19	None	Compression Process
4	19	None	Zeroconf
5	19	None	Echo
6	19	None	Discard



7	19	Search and Register Online for Running, Triathlon, Duathlon, Cycling, Mountain Biking and Swimming events.	Active Users
8	19	None	L2TP
9	19	None	puparp
10	19	None	vsinet
11	19	None	maitrd
12	19	None	Character Generator
15	19	None	applix
16	19	None	Net Assistant
17	19	None	any private mail system
18	19	None	BackOrifice
19	19	None	AltaVista Firewall97
20	19	None	NSW User System FE
21	19	None	MSG ICP
22	19	None	MSG Authentication
23	19	None	Display Support Protocol
24	19	None	any private printer server
25	19	None	Time
26	19	None	Route Access Protocol
27	19	None	Resource Location Protocol
28	19	None	graphics
29	19	None	Host Name Server
30	19	None	NIC Name
31	19	None	MPM FLAGS Protocol
32	19	None	Message Processing Module [recv]
33	19	None	MPM [default send]
34	19	None	NI FTP



35	19	None	Digital Audit Daemon
36	19	None	Login Host Protocol (TACACS)
37	19	None	Remote Mail Checking Protocol
38	19	None	IMP Logical Address Maintenance
39	19	None	XNS Time Protocol
40	19	None	Domain Name Server
41	19	None	XNS Clearinghouse
42	19	None	ISI Graphics Language
43	19	None	XNS Authentication
44	19	None	Mail Transfer Protocol (MTP)
45	19	None	XNS Mail
46	19	None	any private file service
47	19	None	NI MAIL
48	19	None	ACA Services
49	19	None	VIA Systems - FTP whois++
50	19	None	Communications Integrator (CI)
51	19	None	TACACS-Database Service
52	19	None	Oracle SQL-NET
53	19	None	Bootstrap Protocol Server
54	19	None	Bootstrap Protocol Client
55	19	None	profile
56	19	None	Gopher
57	19	None	Remote Job Service
58	19	None	any private dial out service
59	19	None	Distributed External Object Store



60	19	None	any private RJE service netrjs
61	19	None	Vet TCP
62	19	None	Finger
63	19	None	World Wide Web HTTP
64	19	None	Torpark
65	19	None	XFER Utility
66	19	None	MIT ML Device
67	19	None	Common Trace Facility
68	19	None	Micro Focus Cobol
69	19	None	any private terminal link ttylink
70	19	None	Kerberos
71	19	None	SU MIT Telnet Gateway
72	19	None	DNSIX Securit Attribute Token Map
73	19	None	MIT Dover Spooler
74	19	None	Network Printing Protocol
75	19	None	Device Control Protocol
76	19	None	Tivoli Object Dispatcher
77	19	None	BSD supdupd(8)
78	19	None	DIXIE Protocol Specification
79	19	None	Swift Remote Virtual File Protocol
80	19	None	linuxconf
81	19	None	Metagram Relay
83	19	None	NIC Host Name Server
84	19	None	ISO-TSAP Class 0
85	19	None	Genesis Point-to-Point Trans Net

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86	19	None	ACR-NEMA Digital Imag. & Comm. 300
87	19	None	Mailbox Name Nameserver
88	19	None	msantipiracy
89	19	None	Eudora compatible PW changer
91	19	None	SNA Gateway Access Server
92	19	None	PostOffice V.2
94	19	None	Portmapper RPC Bind
95	19	None	McIDAS Data Transmission Protocol
96	19	None	Ident Tap Authentication Service
97	19	None	Audio News Multicast
98	19	None	Simple File Transfer Protocol
99	19	None	ANSA REX Notify
100	19	None	UUCP Path Service
101	19	None	SQL Services
103	19	None	blackjack
104	19	None	Encore Expedited Remote Pro.Call
105	19	None	Smakynet
106	19	None	Network Time Protocol
107	19	None	ANSA REX Trader
108	19	None	Locus PC-Interface Net Map Ser
109	19	None	Unisys Unitary Login
110	19	None	Locus PC-Interface Conn Server

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111	19	None	GSS X License Verification
112	19	None	Password Generator Protocol
113	19	None	Cisco FNATIVE
114	19	None	Cisco TNATIVE
115	19	None	Cisco SYSMOINT
116	19	None	Statistics Service
117	19	None	INGRES-NET Service
118	19	None	NCS local location broker
119	19	None	PROFILE Naming System
120	19	None	NetBIOS Name Service
121	19	None	NetBIOS Datagram Service
122	19	None	NetBIOS Session Service
123	19	None	EMFIS Data Service
124	19	None	EMFIS Control Service
125	19	None	Britton-Lee IDM
126	19	None	Internet Message Access Protocol
127	19	None	Universal Management Architecture
128	19	None	UAAC Protocol
129	19	None	iso-ip0
130	19	None	iso-ip
131	19	None	Jargon
132	19	None	AED 512 Emulation Service
133	19	None	SQL-net
134	19	None	HEMS
135	19	None	Background File Transfer Program (BFTP)
136	19	None	SGMP



137	19	None	NetSC-prod
138	19	None	NetSC-dev
139	19	None	SQL Service
140	19	None	KNET VM Command Message Protocol
141	19	None	PCMail Server
142	19	None	NSS-Routing
143	19	None	SGMP-traps
145	19	None	SNMPTRAP
146	19	None	CMIP TCP Manager
147	19	None	CMIP TCP Agent
148	19	None	Xerox
149	19	None	Sirius Systems
150	19	None	namp
151	19	None	rsvd
152	19	None	send
153	19	None	Network PostScript
154	19	None	Network Innovations Multiplex
155	19	None	Network Innovations CL 1
156	19	None	xyplex-mux
157	19	None	mailq
158	19	None	vmnet
159	19	None	genrad-mux
160	19	None	X Display Manager Control Protocol
161	19	None	NextStep Window Server
162	19	None	Border Gateway Protocol
163	19	None	Intergraph
164	19	None	unify

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165	19	None	Unisys Audit SITP
166	19	None	ocbinder
167	19	None	ocserver
168	19	None	remote-kis
169	19	None	KIS Protocol
170	19	None	Application Communication Interface
171	19	None	Plus Fives MUMPS
172	19	None	Queued File Transport
173	19	None	Gateway Access Control Protocol
174	19	None	Prospero Directory Service
175	19	None	OSU Network Monitoring System
176	19	None	Spider Remote Monitoring Protocol
177	19	None	Internet Relay Chat
178	19	None	DNSIX Network Level Module Audit
179	19	None	DNSIX Session Mgt Module Audit Redir
180	19	None	Directory Location Service
181	19	None	Directory Location Service Monitor
182	19	None	SMUX
183	19	None	IBM System Resource Controller
184	19	None	AppleTalk Routing Maintenance

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185	19	None	AppleTalk Name Binding
186	19	None	AppleTalk Unused
187	19	None	AppleTalk Echo
188	19	None	AppleTalk Zone Information
190	19	None	Trivial Authenticated Mail Protocol
191	19	None	ANSI Z39.50
192	19	None	Texas Instruments
193	19	None	ATEXSSTR
194	19	None	IPX
195	19	None	vmpwscs
196	19	None	Insignia Solutions
197	19	None	Computer Associates Intl License Server
198	19	None	dBASE Unix
199	19	None	Netix Message Posting Protocol
200	19	None	Unisys ARPs
201	19	None	Interactive Mail Access Protocol v3
202	19	None	Berkeley rlogind with SPX auth
203	19	None	Berkeley rshd with SPX auth
204	19	None	Certificate Distribution Center
205	19	None	masqdiabler
206	19	None	direct
207	19	None	Survey Measurement
208	19	None	inbusiness
209	19	None	link
210	19	None	Display Systems Protocol



211	19	None	VAT
212	19	None	bhfs
214	19	None	RAP (Route Access Protocol)
215	19	None	Checkpoint Firewall-1
216	19	None	Efficient Short Remote Operations
217	19	None	openport
218	19	None	Checkpoint Firewall-1 Management
219	19	None	arcisdms
220	19	None	hdap
221	19	None	Border Gateway Multicast Protocol (BGMP)
222	19	None	X-Bone CTL
223	19	None	SCSI on ST
224	19	None	Tobit David Service Layer
225	19	None	Tobit David Replica
226	19	None	http-mgmt
227	19	None	personal-link
228	19	None	Cable Port A X
229	19	None	rescap
230	19	Port 284 is used by corerjd.	corerjd
231	19	Port 286 is used by FXP-1.	FXP-1
232	19	Port 287 is used by K-BLOCK.	K-BLOCK
233	19	Port 308 is used by Novastor Backup.	Novastor Backup
234	19	Port 309 is used by entrusttime.	entrusttime
235	19	Port 310 is used by bhmds.	bhmds
236	19	Port 311 is used by AppleShare IP WebAdmin. AppleShare IP supports remote administration. Using a	AppleShare IP WebAdmin



		standard Web browser, the server administrator can perform most tasks remotely, such as creating new users, changing passwords, or starting or stopping mail or print services.	
237	19	Port 312 is used by VSLMP.	VSLMP
238	19	Port 313 is used by magenta-logic.	magenta-logic
239	19	Port 314 is used by opalis-robot.	opalis-robot
240	19	Port 315 is used by DPSI.	DPSI
241	19	Port 316 is used by decAuth.	decAuth
242	19	Port 317 is used by zannet.	zannet
243	19	Port 318 is used by PKIX TimeStamp. The Time-Stamp Protocol, or TSP is a cryptographic protocol for certifying timestamps using X.509 certificates and public key infrastructure. The timestamp is the signer\'s assertion that a piece of electronic data existed at or before a particular time.	PKIX TimeStamp
244	19	Port 319 is used by PTP Event. The Precision Time Protocol (PTP) is 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.	PTP Event
245	19	Port 320 is used by PTP General. The Precision Time Protocol (PTP) is 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.	PTP General
246	19	Port 321 is used by Programmable Interconnect Point (PIP).	Programmable Interconnect Point (PIP)



247	19	Port 322 is used by RTSPS.	RTSPS
248	19	Port 333 is used by Texar Security Port.	Texar Security Port
249	19	Port 344 is used by Prospero Data Access Protocol.	Prospero Data Access Protocol
250	19	Port 345 is used by Perf Analysis Workbench.	Perf Analysis Workbench
251	19	Port 346 is used by Zebra server.	Zebra server
252	19	Port 347 is used by Fatmen Server.	Fatmen Server
253	19	Port 348 is used by Cabletron Management Protocol.	Cabletron Management Protocol
254	19	None	mftp
255	19	Port 350 is used by MATIP Type A. MATIP stands for Mapping of Airline Traffic (means airline reservation, ticketing, and messaging traffic) over TCP/IP.	MATIP Type A
257	19	None	PPTP
258	19	None	BakBone NetVault
259	19	None	DTAG or bhoedap4
260	19	None	ndsauth
261	19	None	bh611
262	19	None	datex-asn
263	19	None	Cloanto Net 1
264	19	None	bhevent
265	19	None	shrinkwrap
266	19	None	Windows RPC
267	19	None	Tenebris Network Trace Service
268	19	None	scoi2odialog
269	19	None	semantix
270	19	None	SRS Send
272	19	None	aurora-cmgr
273	19	None	DTK



274	19	None	odmr
275	19	None	mortgageware
276	19	None	qbikgdp
277	19	None	rpc2portmap
278	19	None	Coda authentication server (codaaauth2)
279	19	None	ClearCase
280	19	None	ListProcessor
281	19	None	Legent Corporation
282	19	None	hassle
283	19	None	Amiga Envoy Network Inquiry Proto
284	19	None	NEC Corporation
285	19	None	TIA EIA IS-99 modem client
286	19	None	TIA EIA IS-99 modem server
287	19	None	HP Performance data collector
288	19	None	HP Performance data managed node
289	19	None	HP Performance data alarm manager
290	19	None	A Remote Network Server System
291	19	None	IBM Application
292	19	None	ASA Message Router Object Def.
293	19	None	Appletalk Update-Based Routing Pro.
294	19	None	Unidata LDM

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295	19	None	Lightweight Directory Access Protocol
296	19	None	uis
297	19	None	SynOptics SNMP Relay Port
298	19	None	SynOptics Port Broker Port
300	19	None	Meta5
301	19	None	EMBL Nucleic Data Transfer
302	19	None	NETscout Control Protocol
303	19	None	Novell Netware over IP
304	19	None	Multi Protocol Trans. Net.
305	19	None	kryptolan
306	19	None	ISO Transport Class 2 Non-Control over TCP
307	19	None	Workstation Solutions
308	19	None	Uninterruptible Power Supply
309	19	None	Genie Protocol
310	19	None	decap
311	19	None	nced
312	19	None	ncld
313	19	None	Interactive Mail Support Protocol
314	19	None	timbuktu
315	19	None	Prospero Resource Manager Sys. Man.
316	19	None	Prospero Resource Manager Node Man.
317	19	None	DECLadefug Remote Debug Protocol
318	19	None	Remote MT Protocol



319	19	None	Trap Convention Port
320	19	None	smsp
321	19	None	infoseek
322	19	None	bnet
323	19	None	silverplatter
324	19	None	onmux
325	19	None	hyper-g
326	19	None	ariel1
327	19	None	smpte
328	19	None	ariel2
329	19	None	ariel3
330	19	None	IBM Operations Planning and Control Start
331	19	None	IBM Operations Planning and Control Track
332	19	None	icad-el
333	19	None	smartsdp
334	19	None	Server Location
335	19	None	ocs_cmu
336	19	None	ocs_amu
337	19	None	utmpsd
338	19	None	utmpcd
339	19	None	iasd
340	19	None	Usenet Network News Transfer
341	19	None	mobileip-agent
342	19	None	mobilip-mn
343	19	None	dna-cml
344	19	None	comscm

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345	19	None	dsfgw
346	19	None	dasp
347	19	None	sgcp
348	19	None	decvms-sysmgt
349	19	None	cvc_hostd
350	19	None	HTTP Protocol over TLS SSL
351	19	None	Simple Network Paging Protocol
352	19	None	Win2k+ Server Message Block
353	19	None	ddm-rdb
354	19	None	ddm-dfm
355	19	None	DDM-SSL
356	19	None	AS Server Mapper
357	19	None	tserver
358	19	None	Cray Network Semaphore server
359	19	None	Cray SFS config server
360	19	None	creativeserver
361	19	None	contentserver
362	19	None	creativepartnr
363	19	None	macon-tcp
364	19	None	scohelp
366	19	None	ampr-rcmd
367	19	None	skronk
368	19	None	datasurfsrv
369	19	None	datasurfsrvsec
370	19	None	Alpes
371	19	None	kpasswd

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372	19	None	SMTP Protocol over TLS SSL (was SSMTP)
373	19	None	digital-vrc
374	19	None	mylex-mapd
375	19	None	Photuris Key Management
376	19	None	Radio Control Protocol
377	19	None	scx-proxy
378	19	None	mondex
379	19	None	ljk-login
380	19	None	hybrid-pop
381	19	None	tn-tl-w1
382	19	None	Tcpnethasprsv Protocol
383	19	None	tn-tl-fd1
384	19	None	ss7ns
385	19	None	spsc
386	19	None	iafserver
387	19	None	WCCP
388	19	None	loadsrv
389	19	None	serialnumberd
390	19	None	dvs
391	19	None	bgs-nsi
392	19	None	ulpnet
393	19	None	Integra Software Management Environment
394	19	None	Air Soft Power Burst
396	19	None	sstats
397	19	None	saft Simple Asynchronous File Transfer
398	19	None	gss-http



399	19	None	nest-protocol
400	19	None	micom-pfs
401	19	None	go-login
402	19	None	Transport Independent Convergence for FNA
403	19	None	pov-ray
404	19	None	intecourier
405	19	None	pim-rp-disc
406	19	None	dantz
407	19	None	siam
408	19	None	ISO ILL Protocol
409	19	None	VPN Key Exchange
410	19	None	Simple Transportation Management Framework (STMF)
411	19	None	asa-appl-proto
412	19	None	intrinsic
413	19	None	Citadel
414	19	None	mailbox-lm
415	19	None	ohimsrv
416	19	None	crs
417	19	None	xvttp
418	19	None	snare
419	19	None	FirstClass Protocol
420	19	None	passgo
421	19	None	BSD rexecd(8)
422	19	None	BSD rlogind(8)
423	19	None	BSD rshd(8)
424	19	None	spooler



425	19	None	videotex
426	19	None	like tenex link but across
427	19	None	ntalk
428	19	None	unixtime
429	19	None	Routing Information Protocol (RIP)
430	19	None	ripng
431	19	None	ulp
432	19	None	ibm-db2
433	19	None	NetWare Core Protocol (NCP)
434	19	None	Timeserver
435	19	None	newdate
436	19	None	Stock IXChange
437	19	None	Customer IXChange
438	19	None	irc-serv
442	19	None	readnews
443	19	None	netwall for emergency broadcasts
444	19	None	MegaMedia Admin
445	19	None	iiop
446	19	None	opalis-rdv
447	19	None	Networked Media Streaming Protocol
448	19	None	gdomap
449	19	None	Apertus Technologies Load Determination
450	19	None	uucpd
451	19	None	uucp-rlogin
452	19	None	Commerce

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453	19	None	klogin
454	19	None	krcmd
455	19	None	Kerberos encrypted remote shell
456	19	None	DHCPv6 Client
457	19	None	DHCPv6 Server
458	19	None	AFP over TCP
459	19	None	idfp
460	19	None	new-who
461	19	None	cybercash
462	19	None	deviceshare
463	19	None	pirp
464	19	None	Real Time Stream Control Protocol
465	19	None	dsf
466	19	None	Remote File System (RFS)
467	19	None	openvms-sysipc
468	19	None	sdnskmp
469	19	None	teedtap
470	19	None	rmonitord
471	19	None	monitor
472	19	None	chcmd
474	19	None	snews
475	19	None	plan 9 file service
476	19	None	whoami
477	19	None	streettalk
478	19	None	banyan-rpc
479	19	None	Microsoft shuttle
480	19	None	Microsoft rome

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481	19	None	demon
482	19	None	udemon
483	19	None	sonar
484	19	None	banyan-vip
485	19	None	FTP Software Agent System
486	19	None	vemmi
487	19	None	ipcd
488	19	None	vnas
489	19	None	ipdd
490	19	None	decbsrv
491	19	None	sntp-heartbeat
492	19	None	Bundle Discovery Protocol
493	19	None	scc-security
494	19	None	Philips Video-Conferencing
495	19	None	keyserver
496	19	None	IMAP4+SSL
497	19	None	password-chg
498	19	None	submission
499	19	None	cal
500	19	None	eyelink
501	19	None	tns-cml
502	19	None	FileMaker Pro
503	19	None	eudora-set
504	19	None	HTTP RPC Ep Map
505	19	None	tpip
506	19	None	cab-protocol
507	19	None	smsd
508	19	None	PTC Name Service
509	19	None	SCO Web Server Manager 3

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510	19	None	Aeolon Core Protocol
511	19	None	Sun IPC server
513	19	None	nqs
514	19	None	Sender-Initiated Unsolicited File Transfer
515	19	None	npmp-trap
516	19	None	npmp-local
517	19	None	npmp-gui
518	19	None	HMMP Indication
519	19	None	HMMP Operation
520	19	None	SSLshell
521	19	None	Internet Configuration Manager
522	19	None	SCO System Administration Server
523	19	None	SCO Desktop Administration Server
524	19	None	DEI-ICDA
525	19	None	Digital EVM
526	19	None	SCO WebServer Manager
527	19	None	ESCP
528	19	None	Collaborator
529	19	None	Aux Bus Shunt
530	19	None	Crypto Admin
531	19	None	DEC DLM
532	19	None	ASIA
533	19	None	PassGo Tivoli
534	19	None	QMQP (qmail)
535	19	None	3Com AMP3

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536	19	None	RDA
537	19	None	IPP (Internet Printing Protocol)
538	19	None	bmpp
539	19	None	Service Status update (Sterling Software)
540	19	None	ginad
541	19	None	RLZ DBase
542	19	None	LDAP Protocol over TLS SSL (was SLDAP)
543	19	None	lanserver
544	19	None	mcns-sec
545	19	None	Multicast Source Discovery Protocol (MSDP)
546	19	None	entrust-sps
547	19	None	repcmd
548	19	None	ESRO-EMSDP V1.3
549	19	None	SANity
550	19	None	dwr
551	19	None	PSSC
552	19	None	Label Distribution Protocol (LDP)
553	19	HCP [RFC 2131] allows for multiple servers to be operating on a single network. Some sites are interested in running multiple servers in such a way so as to provide redundancy in case of server failure. In order for this to work reliably, the cooperating primary and secondary servers must maintain a consistent database of the lease information. This implies that servers will need to coordinate any and all lease activity so that this	DHCP Failover



		information is synchronized in case of failover. This document defines a protocol to provide such synchronization between two servers. One server is designated the "primary" server, the other is the "secondary" server. This document also describes a way to integrate the failover protocol with the DHCP load balancing approach.	
554	19	None	Registry Registrar Protocol (RRP)
555	19	None	Aminet
556	19	None	OBEX
557	19	None	IEEE MMS
558	19	None	HELLO_PORT
559	19	None	AODV
560	19	None	TINC
561	19	None	SPMP
562	19	None	RMC
563	19	None	TenFold
564	19	None	URL Rendezvous
565	19	None	MacOS Server Admin
566	19	None	HAP
567	19	None	PFTP
568	19	None	PureNoise
569	19	None	Secure Aux Bus
570	19	None	Sun DR
571	19	None	doom Id Software
572	19	None	campaign contribution disclosures - SDR Technologies
573	19	None	MeComm



574	19	None	MeRegister
575	19	None	VACDSM-SWS
576	19	None	VACDSM-APP
577	19	None	VPPS-QUA
578	19	None	CIMPLEX
579	19	None	ACAP
580	19	None	DCTP
581	19	None	VPPS Via
582	19	None	Virtual Presence Protocol
583	19	None	GNU Generation Foundation NCP
584	19	None	MRM
585	19	None	entrust-aaas
586	19	None	entrust-aams
587	19	None	XFR
588	19	None	CORBA IIOP
589	19	None	CORBA IIOP SSL
590	19	None	MDC Port Mapper
591	19	None	Hardware Control Protocol Wismar
592	19	None	asipregistry
593	19	None	REALM-RUSD
594	19	None	NMAP
595	19	None	VATP
596	19	None	MS Exchange Routing
597	19	None	Hyperwave-ISP
598	19	None	connendp
599	19	None	Linux-HA (High-Availability Linux)

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600	19	None	IEEE-MMS-SSL
601	19	None	RUSHD
602	19	None	UUIDGEN
603	19	None	OLSR
604	19	None	Access Network
605	19	None	errlog copy server daemon
606	19	None	AgentX
607	19	None	Secure Internet Live Conferencing (SILC)
608	19	None	Borland DSJ
609	19	None	Entrust Key Management Service Handler
610	19	None	Entrust Administration Service Handler
611	19	None	Cisco TDP
612	19	None	IBM NetView DM 6000 Server Client
613	19	None	IBM NetView DM 6000 send tcp
614	19	None	IBM NetView DM 6000 receive tcp
615	19	None	netGW
616	19	None	Network based Rev. Cont. Sys.
617	19	None	Flexible License Manager
618	19	None	Fujitsu Device Control
619	19	None	Russell Info Sci Calendar Manager
620	19	None	Kerberos 5 admin changepw
622	19	None	rfile

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624	19	None	pump
625	19	None	qrh
626	19	None	rrh
627	19	None	kerberos v5 server propagation
628	19	None	nlogin
629	19	None	con
631	19	None	ns
632	19	None	kpwd Kerberos (v4) passwd
633	19	None	quotad
634	19	None	cycleserv
635	19	None	omserv
636	19	None	webster
637	19	None	phone
638	19	None	vid
639	19	None	cadlock
640	19	None	rtip
641	19	None	cycleserv2
642	19	None	submit
643	19	None	rpasswd
644	19	None	entomb
645	19	None	wpages
646	19	None	Hummingbird Exceed jconfig
647	19	None	wpgs
648	19	None	concert
649	19	None	QSC
650	19	None	controlit
651	19	None	mdbs_daemon
652	19	None	Device

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653	19	None	FCP
654	19	None	itm-mcell-s
655	19	None	PKIX-3 CA RA
656	19	None	DHCP Failover 2
657	19	None	SUP server
658	19	None	rsync
659	19	None	ICL coNETion locate server
660	19	None	ICL coNETion server info
661	19	None	AccessBuilder
662	19	None	OMG Initial Refs
663	19	None	Samba SWAT Tool
664	19	None	IDEAFARM-CHAT
665	19	None	IDEAFARM-CATCH
666	19	None	xact-backup
667	19	None	SecureNet Pro sensor
670	19	None	Netnews Administration System
671	19	None	Telnet Protocol over TLS SSL
672	19	None	IMAP4 Protocol over TLS SSL
673	19	None	ICP Protocol over TLS SSL
674	19	None	POP3 Protocol over TLS SSL
675	19	None	bhoetty
676	19	None	Cray Unified Resource Manager
679	19	This event indicates that an internal user was trying to access Microsoft Online Services.	Microsoft(SSL)
681	19	Yahoo! Inc. is an American multinational Internet corporation headquartered in Sunnyvale, California. It is	Yahoo(SSL)



		globally known for its Web portal, search engine Yahoo Search, and related services.	
682	19	AOL Instant Messenger (AIM) is an instant messaging and presence computer program which uses the proprietary OSCAR instant messaging protocol and the TOC protocol to allow registered users to communicate in real time.	AOL(SSL)
688	19	The Resource ReSerVation Protocol (RSVP), described in RFC 2205, is a Transport layer protocol designed to reserve resources across a network for an integrated services Internet. "RSVP does not transport application data but is rather an Internet control protocol, like ICMP, IGMP, or routing protocols" - RFC 2205. RSVP provides receiver-initiated setup of resource reservations for multicast or unicast data flows with scaling and robustness.	RSVP
691	19	An attempt to upload files to the TFTP server.	TFTP
694	19	This event indicates that an internal user was trying to access Microsoft Online Services, which is familiar Microsoft Office collaboration and productivity tools delivered through the cloud.	MicrosoftOnline(SSL)
695	19	None	Microsoft WINS
696	19	Open Network Computing Remote Procedure Call (ONC RPC) is a widely deployed remote procedure call system. ONC was originally developed by Sun Microsystems as part of their Network File System project, and is sometimes referred to as Sun ONC or Sun RPC.	Remote Procedure Call (RPC)
697	19	Transport Layer Security (TLS) and its predecessor, Secure Sockets Layer (SSL), are cryptographic protocols that provide communication security over the Internet.	SSL/TLS



698	19	Google APIs is a set of JavaScript APIs developed by Google that allows interaction with Google Services and integration of rich, multimedia, search or feed-based Internet content into web applications.	Google APIs(SSL)
699	19	Sina series include UCtalk, Sina gema and Sina mail.	Sina(SSL)
700	19	Google App Engine is a platform as a service cloud computing platform for developing and hosting web applications in Google-managed data centers.	Google App Engine(SSL)
701	19	Googleusercontent.com is a domain that Google uses to server some content pieces to its members and visitors of other Google pages.	Google User Content(SSL)
706	19	Let's Encrypt is a certificate authority that provides free X.509 certificates for Transport Layer Security (TLS) encryption via an automated process designed to eliminate the hitherto complex process of manual creation, validation, signing, installation, and renewal of certificates for secure websites.	Lets Encrypt
707	19	Google has off-loaded static content (Javascript/Images/CSS) to a different domain name in an effort to reduce bandwidth usage and increase network performance for the end user.	Google Static Content(SSL)
709	19	DNS over TLS is a security protocol for encrypting and wrapping Domain Name System (DNS) queries and answers via the Transport Layer Security (TLS) protocol.	DNS over TLS
0	24	Protocols which are developed by private companies or organizations.	Private protocols
1	24	QQ company produce product must this policy to detect traffic.	QQ Private Protocol
2	24	Thunder is a Download Manager program to help you download files from the Internet.	Thunder Private Protocol

5	24	Jabber and other chat related client software can allow users to transfer files directly between hosts. This can allow malicious users to circumvent the protection offered by a network firewall.	Jabber Private Protocol
0	25	A social network is a social structure made up of a set of social actors (such as individuals or organizations), sets of dyadic ties, and other social interactions between actors. The social network perspective provides a set of methods for analyzing the structure of whole social entities as well as a variety of theories explaining the patterns observed in these structures.	Social networks
3	25	Facebook is an online social networking service. After registering to use the site, users can create a user profile, add other users as "friends", exchange messages, post status updates and photos, share videos and receive notifications when others update their profiles.	Facebook
4	25	Flickr is an image hosting and video hosting website, web services suite, and online community that was created by Ludicorp in 2004 and acquired by Yahoo! in 2005.	Flickr
8	25	LinkedIn is a business networking website for people in professional occupations.	LinkedIn
10	25	Twitter is an online social networking service and microblogging service that enables its users to send and read text-based messages of up to 140 characters, known as "tweets".	Twitter
11	25	Plurk is a free social networking and micro-blogging service that allows users to send updates through short messages or links, which can be up to 140 text characters in length.	Plurk



13	25	Twitter is an online social networking and microblogging service that enables its users to send and read text-based posts of up to 140 characters, informally known as "tweets".	Twitter Tweet
14	25	Twitter is an online social networking and microblogging service that enables its users to send and read text-based posts of up to 140 characters, informally known as "tweets".	Twitter Following
15	25	Twitter is an online social networking service and microblogging service that enables its users to send and read text-based messages of up to 140 characters, known as "tweets".	Twitter Messages
17	25	Pinterest is a pinboard-style social photo sharing website that allows users to create and manage theme-based image collections such as events, interests, hobbies, and more.	Pinterest
20	25	Vkontakte is a Russian social network service popular in Russia, Ukraine, Kazakhstan, and Belarus.	Vkontakte
24	25	Facebook is an online social networking service. After registering to use the site, users can create a user profile, add other users as "friends", exchange messages, post status updates and photos, share videos and receive notifications when others update their profiles.	Facebook Video
40	25	Facebook is an online social networking service. After registering to use the site, users can create a user profile, add other users as "friends", exchange messages, post status updates and photos, share videos and receive notifications when others update their profiles.	Facebook Message
60	25	Facebook is an online social networking service. After registering to use the site, users can create a user profile,	Facebook Like



		add other users as "friends", exchange messages, post status updates and photos, share videos and receive notifications when others update their profiles.	
61	25	Facebook is an online social networking service. After registering to use the site, users can create a user profile, add other users as "friends", exchange messages, post status updates and photos, share videos and receive notifications when others update their profiles.	Facebook Share
62	25	Facebook is an online social networking service. After registering to use the site, users can create a user profile, add other users as "friends", exchange messages, post status updates and photos, share videos and receive notifications when others update their profiles.	Facebook Comment
77	25	Twitter is an online social networking and microblogging service that enables its users to send and read text-based posts of up to 140 characters, informally known as "tweets".	Twitter Reply
78	25	Twitter is an online social networking and microblogging service that enables its users to send and read text-based posts of up to 140 characters, informally known as "tweets".	Twitter Retweet
79	25	Twitter is an online social networking and microblogging service that enables its users to send and read text-based posts of up to 140 characters, informally known as "tweets".	Twitter Favorite
114	25	Ameba is a popular Japanese blogging and social networking website.	Ameba
127	25	Facebook is an online social networking service. After registering to use the site, users can create a user profile, add other users as "friends", exchange messages, post	Facebook Game



		status updates and photos, share videos and receive notifications when others update their profiles.	
128	25	Facebook is an online social networking service. After registering to use the site, users can create a user profile, add other users as "friends", exchange messages, post status updates and photos, share videos and receive notifications when others update their profiles.	Facebook Applications
129	25	Facebook is an online social networking service. After registering to use the site, users can create a user profile, add other users as "friends", exchange messages, post status updates and photos, share videos and receive notifications when others update their profiles.	Facebook Plug-in
130	25	Facebook is an online social networking service. After registering to use the site, users can create a user profile, add other users as "friends", exchange messages, post status updates and photos, share videos and receive notifications when others update their profiles.	Facebook Post
132	25	Facebook is an online social networking service. After registering to use the site, users can create a user profile, add other users as "friends", exchange messages, post status updates and photos, share videos and receive notifications when others update their profiles.	Facebook MediaUpload
133	25	Facebook is an online social networking service. After registering to use the site, users can create a user profile, add other users as "friends", exchange messages, post status updates and photos, share videos and receive notifications when others update their profiles.	Facebook EditProfile
139	25	Twitter is an online social networking service and microblogging service that enables its users to send and	Twitter Plug-in



		read text-based messages of up to 140 characters, known as "tweets".	
140	25	Viadeo is a Web 2.0 professional social network with over 45 million members worldwide in 2012, and a membership base that was growing by more than one million per month in 2009.	Viadeo
143	25	Mixi.jp is one of several social networking websites in Japan and was started in 2004.	Mixi.jp
151	25	Weibo is a Chinese microblogging website.	Weibo
210	25	Weico is a 3rd party Weibo client and is set to offer a much better experience than the official client.	Weico

