

Juniper Networks Deep Packet Inspection-Decoder (Application Signature) Release Notes

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RELEASE

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Recent Release History

Table 1 on page 1 summarizes the features and resolved issues in recent releases. You can use this table to help you decide to update the JDPI-Decoder version in your deployment.

Table 1: JDPI-Decoder Features and Resolved Issues by Release

Release Date	Signature Pack Version	JDPI Decoder Version	Engine Version 5	Micro App Infra Version	Custom App Infra Version	CASB App Version	Features and Resolved Issues
January 12, 2026	The relevant signature package version is 3872.	1.780.2-30	5.11.0-27	1.2.0-1	1.0.0-1	3.1.4-9	This JDPI-Decoder version is supported only on the Junos OS 19.2R1 and later releases on all supported SRX Series platforms. Starting in Junos OS release 20.1R1, enhancements to custom applications are included in the JDPI-Decoder release.

New Applications	304
Updated Applications	619
Obsolete Applications	24
New Groups	0
Updated Groups	74
Obsolete Groups	0

Overview

The JDPI-Decoder is a dynamically loadable module that mainly provides application classification functionality and associated protocol attributes. It is hosted on an external server and can be downloaded as a package and installed on the device. The package also includes XML files that contain additional details of the list of applications and groups. The list of applications can be viewed on the device using the CLI command `show services application-identification application summary`. Additional details of any particular application can be viewed on the device using the CLI command `show services application-identification application detail <application>`. For additional details, see [Application Signature](#).

NOTE: This application signature package does not support v4 engines. This upgrade is only supported on Junos OS 19.2R1 and later releases which support the v5 engine. This signature package is not compatible with Junos OS releases supporting v4 engine. There are no more updates planned for PB1.460.2-46 for Junos OS releases supporting v4 engine.

New Features and Enhancements

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New Applications

The following table contains information about the new applications in this release of JDPI-Decoder.

Sr. No.	Application Name	Application Type	Reported Over	Description
1	IKARMA	Web	HTTP, HTTP2, HTTPS, SPDY	iKarma is an online feedback and reputation system.
2	33ACROSS	Web	CLOUDFLARE, CONVERSANT, GCP, HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL	33Across is a programmatic advertising solution.
3	7ZIP	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	7-Zip is a free and open-source file archiver with a high compression ratio.
4	802-1X	Infrastructure		802.1X or EAPOL is a network protocol used in the IEEE 802.1X standard for network access control.
5	ABEBOOKS	Web	AMAZON, AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	AbeBooks is an online marketplace for books, art, and collectibles.
6	ACCESSIFY	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Accessify provides tools and resources to optimize website performance and accessibility.
7	ACLU	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	The American Civil Liberties Union (ACLU) is a nonprofit organization defending individual rights and liberties.
8	ACM	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Association for Computing Machinery (ACM) is a non-profit learned society for computing.
9	AIRVPN	Infrastructure	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSH, SSL, WIREGUARD	AirVPN is an OpenVPN and WireGuard based VPN.
10	ALGOLIA	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Algolia is a website search engine provided as a service.

11	AMAZON-COM	Web	AMAZON, AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Amazon.com is a global e-commerce website. Traffic specific to Amazon Prime Video get classified as amazon_video, also Amazon Music as amazon_music.
12	ANCESTRY	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, QUALTRICS, SPDY, SSL	Ancestry offers genealogy and family history services, including DNA testing.
13	ANONYMOUS-VPN	Infrastructure	CLOUDFLARE, EVASIVE-PROTOCOL, HTTP, HTTP2, HTTPS, ESP-OVER-UDP, IKE, OPENVPN, SPDY, SSL	Anonymous VPN is a VPN service provider.
14	ANYVIEWER	Remote-access	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP	AnyViewer is a remote desktop software.
15	ARMORGAMES-PLAY	Web	ARMOR-GAMES	Classifies requests to play games on ArmorGames.com.
16	ARXIV	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	arXiv is an open-access archive for scholarly pre-print scientific articles.
17	ASOS	Web	ADOBE, HTTP, HTTP2, HTTPS, SPDY, SSL	ASOS is a British online fashion and cosmetic retailer.
18	AUDACITY	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Audacity is a free, open-source software for recording and editing audio.
19	AUTOMATTIC	Web	HTTP, HTTP2, HTTP3, HTTPS, SPDY, SSL	Automattic is a web development corporation known for WordPress, WooCommerce, Tumblr.
20	AWS-KINESIS	Infrastructure	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Amazon Kinesis are AWS services for real time transport and processing of data streams (Kinesis Streams, Firehose, Managed Flink) and video streams (Kinesis Video Streams viewing).
21	AXIOS	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Axios is a news website that covers business, politics, technology, health care, and media.
22	BAIDU-YIYAN	Web	BAIDU, HTTP, SSL	Baidu YiYan is the Baidu AI chatbot.
23	BARNESANDNOBLE	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Barnes & Noble is an American bookseller.
24	BEST-BUY	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Best Buy is a multinational consumer electronics retailer.
25	BHASKAR	Web	AMAZON-AWS, GCP, HTTP, HTTP2, HTTPS, SPDY, SSL	Dainik Bhaskar is a Hindi daily newspaper.
26	BHPHOTO	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	B&H Photo Video is a retailer of photo, video, audio, and computer equipment.
27	BITCOINTALK	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	BitcoinTalk is a forum for discussing Bitcoin and related topics.
28	BLACKBAUD	Web	ADOBE, AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Blackbaud is a software and services for fundraising and related financial management.
29	BLOCKCHAIN-COM	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Blockchain.com, formerly Blockchain.info, is a cryptocurrency wallet and blockchain explorer service.

30	BOL	Web	GCP, HTTP, HTTP2, HTTP3, HTTPS, SPDY, SSL	Bol.com is a Dutch e-commerce platform.
31	BUFFER	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Buffer is a software application designed to manage accounts in social networks.
32	BUSINESSWIRE	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Business Wire is an American company that disseminates press releases from its customers to press agencies and websites.
33	BUYMEACOFFEE	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Buy Me a Coffee is a platform for creators to receive support from their fans through donations.
34	BUZZSPROUT	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Buzzsprout is a podcast hosting platform.
35	CALENDLY	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Calendly is a scheduling platform for agreeing on a time slot without back-and-forth emails.
36	CAMLIN	Web	HTTP, HTTP2, HTTPS, IOP, SPDY, SSL	Camline provides software solutions for manufacturing industries.
37	CANCER-RESEARCH-UK	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Cancer Research UK is a cancer research charity organization in England.
38	CAPTERRA	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Capterra is a marketplace and comparator for business software.
39	CDC-GOV	Web	ADOBE, HTTP, HTTP2, HTTPS, SPDY, SSL	The Centers for Disease Control and Prevention, is a US government agency providing health information and resources.
40	CHARTBEAT	Web	AMAZON-AWS, FASTLY, HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL	Chart Beat provides web analytics for media companies.
41	CHECKPOINT	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Check Point is a software and hardware vendor for IT security.
42	CHISEL	Infrastructure	SSH	Chisel is a tunneling application maintaining an SSH connection over HTTP.
43	CHROMADB	Infrastructure	HTTP, HTTP2, HTTPS, SPDY, SSL	ChromaDB is an open-source vector database for building AI applications. This plugin classifies the official HTTP Python client and also classifies the website.
44	CIA	Web	AKAMAI-SSL, HTTP, HTTP2, HTTPS, SPDY, SSL	The Central Intelligence Agency (CIA) is a foreign intelligence service of the federal government of the United States.
45	CLARO-VIDEO	Multimedia	HTTP, HTTP2, HTTPS, SPDY, SSL	Claro Video is a popular video streaming platform hosting TV shows and movies.
46	CNBLOGS	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Cnblogs is a Chinese knowledge-sharing community for developers.
47	CODEPROJECT	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	CodeProject is a community for computer programmers

				with articles, discussions, and code examples.
48	COINBASE	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Coinbase is a cryptocurrency trading platform.
49	COLORADO-EDU	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	The University of Colorado is a public research university located in Boulder, Colorado.
50	COLUMBIA-UNIVERSITY	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Columbia University is a private university in New York City.
51	COMCAST-CDN	Multimedia	COMCAST, HTTP, SSL	Comcast CDN is a content delivery network provided by Comcast.
52	COMMISSION-JUNCTION	Web	HTTP, HTTP2, HTTP3, HTTPS, SPDY, SSL	Commission Junction is an online advertising company specializing in affiliate marketing.
53	CORNELL-UNIVERSITY	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Cornell University is an American university.
54	CREATIVECOMMONS	Web	CLOUDFLARE, HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL	Creative Commons offers free licenses and tools to share and use creativity and knowledge.
55	CRESTRON-ROOMVIEW	Web	TCP	Crestron RoomView is a multiple conferencing rooms display panels management software solution.
56	CSS-TRICKS	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	CSS-Tricks is a website about web development, focusing on CSS.
57	CVENT	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Cvent provides software for event management and planning.
58	DEEPL	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL, ZENDESK	DeepL is an AI-powered translation service.
59	DELL	Web	ADOBE, AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Dell is an IT and hardware solutions provider.
60	DEUTSCHE-WELLE	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Deutsche Welle is Germany's international broadcaster, providing news worldwide.
61	DEV-TO	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	DEV Community is a community of software developers getting together to help one another out.
62	DIGITALEO	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Digitaleo is a marketing automation software that helps businesses manage and optimize their marketing campaigns.
63	DIGITALOCEAN	Web	CLOUDFLARE, FASTLY, HTTP, HTTP2, HTTPS, SPDY, SSL	A cloud infrastructure provider offering scalable computing resources for developers.
64	DIIGO	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Diigo is a social bookmarking website which allows users to bookmark and tag web pages.
65	DOH	Infrastructure	ALIBABA-CLOUD, APPLE-IOS-UPDATE-SSL, CISCO, CLOUDFLARE, COMCAST, GOOGLE, GOOGLE-GEN, HTTP2, HTTPS, MOZILLA, NEXTDNS, SPDY, SSL	DNS over HTTPS (DoH) is the encryption of Domain Name System (DNS) queries and answers over the HTTPS protocol.

66	DOH3	Infrastructure	APPLE-IOS-UPDATE-SSL, CLOUDFLARE, GOOGLE, GOOGLE-GEN	DNS over HTTP3 (DoH3) is the encryption of Domain Name System (DNS) queries and responses over the HTTP3 protocol using Quic protocol connections.
67	DOI	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Digital Object Identifier (DOI), standardized by ISO 26324, are unique persistent interoperable identifiers for any physical and digital objects, often used for research and official publications. They can be resolved to their linked resources by an URI on doi.org
68	DOQ	Infrastructure	GOOGLE-GEN	DNS over Quic (DoQ) is the encryption of Domain Name System (DNS) queries and responses over Quic protocol connections.
69	DOT	Infrastructure	ALIBABA-CLOUD, CLOUDFLARE, GOOGLE-GEN, HTTP2, HTTPS, SPDY, SSL	DNS over TLS (DoT) is the encapsulation of DNS into a TLS transport in order to provide encryption.
70	DRIBBBLE	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	A community for designers to showcase their work, find inspiration, and connect with others.
71	EAP	Infrastructure	ETH, SNAP	EAP is a framework for authentication methods in network access environments.
72	EAP-TLS	Infrastructure	EAP	EAP-TLS is an EAP authentication method that provides certificate-based mutual authentication utilizing the negotiation and key management capabilities of the TLS protocol.
73	EASTDAY	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Eastday is a Shanghai-based news portal.
74	ECLIPSE	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Eclipse is an Integrated Development Environment (IDE) used in computer programming. This plugin classifies the website.
75	EDX	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	edX is an online learning platform.
76	EFF	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	The Electronic Frontier Foundation is a nonprofit organization defending civil liberties in the digital world.
77	ELEMENT	Messaging	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, JITS, RTCP, RTP, SPDY, SSL, STUN, WEBRTC	Element is a Matrix-based end-to-end encrypted messenger and secure collaboration application.
78	ELEVENLABS-IO	Web	GCP, HTTP, HTTP2, HTTPS, SPDY, SSL, ZENDESK	ElevenLabs provides AI voice tools for text-to-speech, voice cloning, and dubbing across various applications.
79	ESA	Web	HTTP, HTTP2, HTTP3, HTTPS, SPDY, SSL	The European Space Agency is an intergovernmental organization dedicated to the exploration of space.

80	ESPNCRICINFO	Web	AMAZON, AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	International cricket news, live scores, photos, columns and player profiles.
81	EXAMPLE	Web	HTTP, HTTP2, HTTP3, HTTPS, SPDY, SSL	Domains reserved by RFC6761 and IANA for illustrative examples in documents.
82	FAMILY-KEEPER	Web	HTTP, REASONLABS, SSL	FamilyKeeper is a parental control application developed by ReasonLabs.
83	FAS-ORG	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	The Federation of American Scientists is a nonprofit organization that uses science and analysis to promote national and global security.
84	FBI	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	The Federal Bureau of Investigation (FBI) is the domestic intelligence and security service of the United States.
85	FDA-GOV	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	The U.S. Food and Drug Administration is a US government agency for food, drugs, and public health.
86	FEEDSPOT	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Feedspot is an RSS aggregator and content reader that allows you to read all your favorite blogs in one place.
87	FIDELITY-INVESTMENTS	Web	ADOBE, HTTP, HTTP2, HTTPS, SPDY, SSL	Fidelity Investments is a financial services corporation.
88	FILEFACTORY-COM	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Classifies web browsing on the filefactory.com Direct Download links service.
89	FILEZILLA	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	FileZilla is a free software, cross-platform, file transfer FTP, FTPS, SFTP application. This plugin classifies the website.
90	FINANCIAL-TIMES	Web	AMAZON-AWS, GCP, HTTP, HTTP2, HTTP3, HTTPS, SPDY, SSL	The Financial Times is a British daily newspaper providing global business and economic news.
91	FORBES	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTP3, HTTPS, QUALTRICS, SPDY, SSL	Forbes is an American business magazine.
92	FORTICLIENT-VPN	Infrastructure	DTLS, FORTINET, HTTPS, UDP	Fortinet FortiClient integrated TLS VPN feature is classified by this plugin.
93	FORTINET	Infrastructure	AMAZON-AWS, CLOUDFLARE, DTLS, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP	Fortinet is a cybersecurity company. This plugin classifies the website browsing traffic.
94	FREELANCER	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Freelancer is a platform connecting freelancers and clients for various projects.
95	FTC-GOV	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	The Federal Trade Commission is a US government agency enforcing consumer protection and antitrust laws.
96	GANTTTER	Web	FRESHDESK, FRESHWORKS, GCP, HTTP, HTTP2, HTTPS, SPDY, SSL	Ganttter is a cloud-based project management and scheduling application.

97	GAP	Web	HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL	Gap is an American worldwide clothing and accessories retailer.
98	GARTNER	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Gartner is a research and advisory company offering insights and tools for executives and their teams.
99	GEEK	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Geek.com is a technology news and information website covering gadgets, games, and geek culture.
100	GIMP	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	GNU Image Manipulation Program (GIMP) is a free and open-source raster graphics editor.
101	GITTER	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Gitter is a chat and networking platform, based on the Matrix protocol, for developers and users of GitHub repositories.
102	GNU	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	The GNU Project is a collection of free software. This plugin classifies the website.
103	GOFUNDME	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL, ZENDESK	GoFundMe is a crowdfunding platform where individuals can raise money for personal causes and projects.
104	GOOGLE-ASSISTANT	Web	GOOGLE-API, GOOGLE-GEN, HTTP, HTTP2, HTTPS, SPDY, SSL	Google Assistant is an intelligent personal assistant-like online service.
105	GOOGLE-FAMILIES	Web	GOOGLE-API, GOOGLE-GEN, HTTP, HTTP2, HTTPS, SPDY, SSL, YOUTUBE	Google Families is a service to manage children's account and configure the settings of the mobile device associated and to share data with family members.
106	GOOGLE-SAFEBROWSING	Web	GOOGLE-GEN, HTTP, HTTP2, HTTPS, QUIC, SPDY, SSL	Google Safe Browsing is a web-service and API for checking web pages against threats. This signature detects a Google Safebrowse Submission.
107	GOTOWEBINAR	Multimedia	HTTP, LOGMEIN, SSL	GoTo Webinar is an extension of GoTo Meeting dedicated to webinar and on-line events organization. This plugin classifies GoTo Webinar specific administration console and Goto Stage, the public webinar listing website. Live webinars use the GoTo Meeting application, classified as such.
108	GOV-CN	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Gov.cn is the Chinese government website.
109	GREENPEACE	Web	CLOUDFLARE, GCP, HTTP, HTTP2, HTTP3, HTTPS, SPDY, SSL	Greenpeace is a non-governmental environmental organization.
110	GUMROAD	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Gumroad is an online platform that enables creators to sell products directly to consumers.
111	HARVARD	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Harvard University is a private American research university in Cambridge, Massachusetts.

112	HAWAII-EDU	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	The University of Hawaii is an American public university in the state of Hawaii.
113	HDFC	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	HDFC Bank is an Indian banking and financial services company.
114	HEISE-ONLINE	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Heise Online is a German news website focused on IT and technology.
115	HKRSA	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Hong Kong Rope Skipping Academy offers rope skipping courses and training in Hong Kong.
116	HOLAFLY	Web	ADOBE, CLOUDFLARE, GCP, HTTP, HTTP2, HTTPS, SHOPIFY, SPDY, SSL	HolaFly is an eSIM provider.
117	HOSTGATOR	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	HostGator is a web hosting company.
118	HUMBLEBUNDLE	Web	CLOUDFLARE, GCP, HTTP, HTTP2, HTTPS, SPDY, SSL	Humble Bundle sells games, books, software, and more for supporting charity.
119	HUPU	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Hupu is a Chinese sports news website.
120	IBM-ASPERA	Web	HTTP, IBM, SSL	IBM Aspera is a data transfer tool.
121	IETF	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	The IETF develops and promotes Internet standards.
122	IFTTT	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	IFTTT is a free web-based service that creates chains of simple conditional statements, called applets.
123	IGN	Web	DISQUS, HTTP, HTTP2, HTTPS, SPDY, SSL	IGN is a website focusing on video games and entertainment media.
124	IMONNIT	Infrastructure	HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP, WINDOWS-AZURE	Imonnit is a sensor data monitoring software. This plugin classifies sensor traffic over port TCP/3000.
125	IMPROVEDIGITAL	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL, ZENDESK	Improve Digital offers programmatic advertising solutions.
126	INKSCAPE	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Inkscape is a free software design tool for creating vector graphics.
127	INSPECTLET	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Inspectlet is a website analytics tool for understanding users' behavior.
128	INSTRUCTABLES	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Instructables is a community-driven site where users share DIY projects and tutorials.
129	IPTV-SMARTERS	Multimedia	CLOUDFLARE, FCM, HTTP, HTTP2, HTTPS, MPEGTS, SPDY, SSL	IPTV Smarters is a video streaming application for playing IPTV streams.
130	IRS-GOV	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	The Internal Revenue Service (IRS) is the revenue service of the United States federal government.
131	IS-GD	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	is.gd is a URL shortening service that provides short aliases for redirection of long URLs.

132	ITCHYFEETONTHECHEAP	Web	HTTP, HTTP2, HTTP3, HTTPS, SPDY, SSL, WORDPRESS	Itchy Feet on the Cheap is a travel blog offering budget travel tips and guides.
133	IXXX	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	IXXX is a free adult video sharing website.
134	JAMANETWORK	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	The Journal of the American Medical Association (JAMA) is a peer-reviewed medical research journal from the American Medical Association.
135	JETBRAINS	Web	AMAZON-AWS, GCP, HTTP, HTTP2, HTTPS, SPDY, SSL	JetBrains is an Integrated Development Environment (IDE) editor and created the Kotlin language.
136	JUICYADS	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL, ZENDESK	JuicyAds is an adult advertising network.
137	KIDS360	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Kids360 is a parental control application.
138	KOFI	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Ko-fi is a platform that allows creators to receive donations and sell products directly to their fans.
139	KOHL'S	Web	ADOBE, AMAZON-AWS, GCP, HTTP, HTTP2, HTTP-PROXY, HTTPS, SALESFORCE, SPDY, SSL	Kohl's is an American department store retail chain.
140	KRAKEN	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Kraken is a US-based cryptocurrency exchange.
141	LABX	Infrastructure	TCP	LabX is a laboratory software platform developed by Mettler Toledo, designed to unify instrument control, data acquisition, and data management.
142	LATIMES	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	The Los Angeles Times is a daily newspaper.
143	LAUNCHPAD	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Launchpad is a forge for software hosting and development offered by Canonical.
144	LESTA	Web	GCP, HTTP, HTTP2, HTTPS, SPDY, SSL, UDP	Lesta Games is a Russian video games company. Lesta Games is now in charge of World of Tanks, and other Wargaming games in Russia and Belarus.
145	LG	Web	AMAZON-AWS, GCP, HTTP, HTTP2, HTTPS, SPDY, SSL	LG Corporation is a South Korean multinational conglomerate corporation.
146	LIFE360	Web	AMAZON-AWS, APPSFLYER, HTTP, HTTP2, HTTPS, SPDY, SSL, ZENDESK	Life360 is a localization sharing application.
147	LINEWORKS	Infrastructure	CAMLIN, IIOP	Camline Lineworks is a Manufacturing Execution System software solution.
148	LINKTREE	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Linktree is a freemium social media reference landing page.
149	LITEROTICA	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Literotica is a free erotic fiction website.

150	LIVE365-RADIO	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Live365 is an internet radio network offering a variety of music and talk stations.
151	LOC-GOV	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	The Library of Congress is the research library that officially serves the United States Congress.
152	LOUVRE	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	The Louvre is a national art museum and a palace in Paris, France.
153	LOWES	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Lowe's operates home improvement stores.
154	LUCID	Web	AMAZON-AWS, HTTP, HTTP2, HTTP3, HTTPS, SPDY, SSL, ZENDESK	Lucid is a company that provides collaboration tools, offering a suite of products designed for teamwork and productivity.
155	LUCIDCHART	Web	HTTP, LUCID, SSL	Lucidchart is an online diagramming application that allows users to create flowcharts and diagrams.
156	LULU-COM	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Lulu is an online self-publishing and print-on-demand platform.
157	LYFT	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Lyft is a ride-sharing service that connects passengers with drivers.
158	MARINE-TRAFFIC	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	MarineTraffic provides real-time information on ship movements.
159	MATHLM	Infrastructure	TCP	MathLM is a license server for some Wolfram Research products such as Mathematica.
160	MATHRUBHUMI	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, OPENX, SPDY, SSL	Mathrubhumi is a Malayalam newspaper published in Kerala, India.
161	MATRIX	Messaging	AMAZON-AWS, CLOUDFLARE, DTLS, HTTP, HTTP2, HTTPS, RTP, SPDY, SSL, STUN, WEBRTC	Matrix is a communication protocol for real-time communication. This plugin classifies traffic on Matrix.org servers.
162	META-AI	Web	HTTP, HTTP2, HTTPS, INSTAGRAM, META-GEN, SPDY, SSL	Meta AI is a Meta Platforms division which develops artificial intelligence and augmented reality technologies. This plugin classifies the traffic of the Meta AI website browsing and the Meta AI Assistant website which using Llama language model.
163	MIR-TANKOV	Gaming	HTTP, LESTA, SSL	Mir Tankov is the Russian and Belarusian version edited by Lesta Games of World of Tanks from Wargaming.
164	MONETATE	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Monetate provides A/B/n testing, multivariate testing and personalisation software for online shops and various company profiles.
165	MS-QUICK-ASSIST	Remote-access	HTTP, HTTP2, HTTPS, MICROSOFT, SPDY, SSL, WINDOWS-AZURE	Microsoft Quick Assist is the Microsoft Windows remote assistance tool.

166	MUSE-AI	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Muse.ai is a video hosting platform that includes a embed video player and advanced video search. This plugin classifies the website browsing traffic.
167	MVRP	Infrastructure	ETH	Multiple VLAN Registration Protocol (MVRP), defined by IEEE 802.1ak, is a layer 2 network protocol that allows dynamic VLAN configuration and management.
168	MY-PERFECT-HOTEL	Gaming	HTTP, SAY-GAMES, SSL	My Prefect Hotel is a video game edited by SayGames.
169	NEH-GOV	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	The National Endowment for the Humanities is an independent federal agency supporting the humanities in the United States.
170	NETBEANS	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	NetBeans is an open-source integrated development environment for Java.
171	NETBIOS	Infrastructure	HSR, IPX, LLC, TCP, UDP	NetBIOS defines a software interface and standard methods providing a communication interface between the application program and the attached medium. NetBIOS is used in various LAN (Ethernet, Token Ring etc) as well as WAN environments such TCP/IP, PPP and X.25 networks.
172	NETSUITE	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	NetSuite provides cloud-based business management software.
173	NEWYORKER	Web	AMAZON-AWS, GCP, HTTP, HTTP2, HTTPS, SPDY, SSL	The New Yorker is an American magazine featuring articles on culture, politics, and humor.
174	NIH-GOV	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	The National Institutes of Health (NIH), is an US government agency responsible for biomedical and public health research.
175	NINITE	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Ninite automates software installation and updates.
176	NODEJS	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Node.js is a JavaScript runtime built on Chrome's V8 JavaScript engine.
177	NOTEBOOKLM	Web	GOOGLE-API, GOOGLE-GEN, HTTP, HTTP2, HTTPS, SPDY, SSL	Google NotebookLM is an AI-powered tool that organizes and summarizes research sources.
178	NPM	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	NPM is a package manager for JavaScript, providing access to a vast registry of packages.
179	NYPOST	Web	AMAZON-AWS, GCP, HTTP, HTTP2, HTTPS, SPDY, SSL	The New York Post (NY Post) is an American daily newspaper based in New York City.
180	OBSPROJECT	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	OBS Studio is a free and open-source software for video recording and live streaming. This plugin classifies the website.

181	ONDE-APP	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, INTERCOM, SPDY, SSL	Onde is a white labeled platform for management of taxis and ride hailing.
182	ONEFOOTBALL	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, IMGIX, MAILCHIMP, SPDY, SSL, ZENDESK	OneFootball is a digital media company specialized in football content.
183	OPRAH-COM	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Oprah.com is the official website of the American talk show host Oprah Winfrey.
184	ORCID	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL, ZENDESK	ORCID provides a unique identifier for researchers and scholars, helping to distinguish their work from others.
185	OTTO	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Otto is a German is an online retailer offering a wide range of products including fashion, electronics, and home goods.
186	PBS	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Public Broadcasting Service (PBS) is an American public broadcaster and television program distributor.
187	PCWORLD	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	PCWorld is a global computer magazine published monthly.
188	PEAP	Infrastructure	EAP	PEAP is an authentication method that encapsulates EAP messages within a secure TLS tunnel.
189	PHP	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	PHP is a programming language for web development.
190	PINECONE	Infrastructure	AMAZON-AWS, FCM, HTTP, HTTP2, HTTPS, SPDY, SSL	Pinecone is a vector database for building AI applications. This plugin will also classify the website.
191	PIXABAY	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Pixabay is a stock-photography website providing free images and videos for personal and commercial use.
192	PIXLR	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Pixlr is an online photo editor offering a suite of AI-powered tools for creative photo and design editing.
193	PLANVIEW	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL, WORDPRESS	Planview is a work management software, which acquired Clarizen. This plugin classifies the website browsing traffic.
194	PLOS	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	PLOS (Public Library of Science) is a nonprofit publisher of open-access journals in science and medicine.
195	POCKET	Web	HTTP, MOZILLA, SSL	Pocket is a service for managing a reading list of articles from the Internet.
196	POCO-WEB	Web	HTTP, HTTP2, HTTPS, SPDY, SSL, UDP	Poco is a Chinese web portal, which allow users to share pictures, chat, exchange files, etc.
197	PODBEAN	Web	AMAZON-AWS, CLOUDFLARE, HTTP,	Podbean is a podcast hosting and monetization platform.

			HTTP2, HTTPS, SPDY, SSL	
198	POLITICO	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, OPENX, SPDY, SSL	Politico is an on-line newspaper that covers politics and policy.
199	PRESSEPORTAL	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Presseportal is a German news portal providing press releases and news articles.
200	PROBLOGGER	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	ProBlogger provides tips and resources for bloggers.
201	PSYCHOLOGYTODAY	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Psychology Today is a magazine and website focused on psychology and mental health.
202	PYTHON	Web	BLOGGER, HTTP, HTTP2, HTTPS, SPDY, SSL	Python is a high-level programming language. This plugin classifies the website.
203	QDRANT	Infrastructure	AMAZON-AWS, CLOUDFLARE, GCP, HTTP, HTTP2, HTTPS, SPDY, SSL	Qdrant is an open-source vector database for building AI applications. This plugin will also classify the website.
204	QIITA	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, IMGIX, SPDY, SSL	Qiita is a technical knowledge sharing and collaboration platform for programmers.
205	QUIZLET	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Quizlet is an online learning tool that provides flashcards and study games.
206	QUSTODIO	Web	AMAZON-AWS, GCP, HTTP, HTTP2, HTTPS, SPDY, SSL, ZENDESK	Qustodio is a parental control application.
207	RAKUTEN-MUSIC	Multimedia	HTTP, RAKUTEN, SSL	Rakuten Music is a Japanese music streaming application from Rakuten Group.
208	RAKUTEN-PAY	Web	HTTP, RAKUTEN, SSL	Rakuten Pay is a mobile payment application from Rakuten Group.
209	RAKUTEN-TRAVEL	Web	HTTP, RAKUTEN, SSL	Rakuten Travel is an online travel agency in Japan from Rakuten Group.
210	RANKER	Web	ADOBE, AMAZON-AWS, GCP, HTTP, HTTP2, HTTP3, HTTPS, SPDY, SSL	Ranker is a digital media company that specializes in crowdsource rankings.
211	REACTS	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Reacts is the site of a Russian YouTube channel offering to watch people's reactions to something.
212	REASONLABS	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	ReasonLabs is a company specialized in cybersecurity detection and prevention.
213	REBRANDLY	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Rebrandly is a link management platform that allows users to create and share branded links.
214	REDBUBBLE	Web	AMAZON-AWS, CLOUDFLARE, GCP, HTTP, HTTP2, HTTPS, SPDY, SSL	Redbubble is a marketplace for print-on-demand products based on user-submitted artwork.
215	REDBULL	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Red Bull is an Austrian energy drink manufacturer.
216	REDHAT	Web	HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL	Red Hat is a software company specialized in open source.

217	REMOTEPG	Remote-access	AMAZON-AWS, HTTP, HTTP2, HTTPS, JITS, SPDY, SSL	RemotePG is a remote desktop application that allows users to access and control their computers remotely.
218	SAGEPUB	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Sage Publications is an academic publisher.
219	SAY-GAMES	Gaming	CLOUDFLARE, GCP, HTTP, HTTP2, HTTPS, ITUNES, OPENX, SPDY, SSL	SayGames is a games publisher.
220	SCIENCEDIRECT	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	ScienceDirect is Elsevier scientific publication platform.
221	SCREENCONNECT	Remote-access	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP	ScreenConnect (also known as ConnectWise Control) is a remote support, access, and meeting solution designed for IT professionals and support teams.
222	SEROUNDTABLE	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Search Engine Roundtable is a news website covering search engine marketing and optimization.
223	SHAREASALE	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	ShareASale is an affiliate marketing network.
224	SHAREFILE-COM	Web	CITRIX, HTTP, SSL	Citrix ShareFile is a secure enterprise file sharing and sync (EFSS) solution. This plugin classifies only website browsing.
225	SHARETHIS	Web	AMAZON-AWS, HTTP, HTTP2, HTTP-PROXY, HTTPS, IMGIX, SPDY, SSL, ZENDESK	ShareThis provides social media sharing tools and analytics for websites.
226	SITEGROUND	Web	GCP, HTTP, HTTP2, HTTPS, SPDY, SSL	SiteGround is a Spanish web hosting provider.
227	SITEIMPROVE	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Siteimprove offers web governance tools including analytics, SEO, and accessibility services.
228	SKETCHFAB	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Sketchfab is a platform to publish, share, and discover 3D content.
229	SKILLSHARE	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Skillshare is an online learning platform.
230	SKIMLINKS	Web	GCP, HTTP, HTTP2, HTTPS, SPDY, SSL, ZENDESK	Skimlinks is a platform that helps online publishers monetize their content.
231	SKYSHOWTIME	Multimedia	ADOBE, AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	SkyShowtime is a streaming service that combines content from various entertainment brands, including NBC Universal, Paramount, and Sky.
232	SMASHINGMAGAZINE	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Smashing Magazine is an online publication for web developers and designers, providing resources and insights.
233	SMASHWORDS	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Smashwords is an e-book distribution platform for independent authors and publishers.

234	SPORTBIBLE	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	TheSPORTbible offers the latest sports news, videos, and pictures.
235	SPRINGER	Web	HTTP, HTTP2, HTTP3, HTTPS, SPDY, SSL	Springer is a global publisher of press, books, and academic journals.
236	SPROUTSOCIAL	Web	AMAZON-AWS, GCP, HTTP, HTTP2, HTTPS, SPDY, SSL	Sprout Social is a social media management and optimization platform.
237	STATISTA	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Statista is a portal providing statistics, market data, and market research across various industries and countries.
238	STILE	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Stile provides interactive science lessons.
239	SUBLIMETEXT	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Sublime Text is a text editor for code, markup, and prose.
240	SUTTERHEALTH	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Sutter Health is a network of doctors and hospitals providing healthcare services in Northern California.
241	SXSW	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	South by Southwest (SXSW) are Conferences & Festivals, celebrating tech, film, music, and culture.
242	SYNOLOGY	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Synology provides data storage, management, and protection solutions.
243	TAXIF	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, ONDE-APP, SPDY, SSL	TaxiF is a ride hailing application. This plugin classifies the website. The mobile applications are classified as onde_app, a white labeled ride hailing management platform.
244	TECHCRUNCH	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	TechCrunch is a technology media property, dedicated to profiling startups, reviewing new Internet products, and breaking tech news.
245	TELE2	Web	AMAZON-AWS, CLOUDFLARE, FTP, FTP-DATA, HTTP, HTTP2, HTTPS, SPDY, SSL, WINDOWS-AZURE	Tele2 is a Swedish telecommunications company with presence in Northern Europe. This plugin classifies the websites.
246	TELENOR	Web	ADOBE, AMAZON-AWS, CLOUDFLARE, GCP, HTTP, HTTP2, HTTPS, NOKIA, SPDY, SSL	Telenor is a Norwegian telecommunications company with worldwide presence. This plugin classifies the websites.
247	TELIA	Web	AMAZON-AWS, CLOUDFLARE, GCP, GOOGLE-APPENGINE, HTTP, HTTP2, HTTPS, SPDY, SSL, ZENDESK	Telia is a Swedish telecommunications company with presence in Northern Europe.
248	TENCENT-MEETING	Messaging	HTTP, SSL, TENCENT	Tencent Meeting is video conferencing tool developed by Tencent. This plugin classifies VooV meeting which is the international version.
249	TENTEN	Messaging	CLOUDFLARE, HTTP, HTTP2, HTTPS, NOTION, SPDY, SSL	TenTen is a push-to-talk application.
250	THEATLANTIC	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	The Atlantic is an American magazine from Washington,

				D.C. featuring articles on politics, culture, technology, health, and more.
251	THEGLOBEANDMAIL	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	The Globe and Mail is a Canadian daily newspaper.
252	THEGUARDIAN	Web	AMAZON-AWS, HTTP, HTTP2, HTTP3, HTTPS, SPDY, SSL	The Guardian is a UK newspaper.
253	THEHILL	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	The Hill is an American newspaper based in Washington, D.C. for U.S. Congress and politics.
254	THESUN	Web	AMAZON-AWS, GCP, HTTP, HTTP2, HTTP3, HTTPS, SPDY, SSL	The Sun is a British tabloid newspaper, also available in the US, Scotland and Ireland.
255	THEVERGE	Web	GCP, HTTP, HTTP2, HTTP3, HTTPS, SPDY, SSL	The Verge is an American technology news website.
256	THUMBSTACK	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Thumbstack connects people with local professionals for various services, including home improvement and events.
257	TICKETMASTER	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Ticketmaster is a ticket marketplace for concerts or live events.
258	TINYURL	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	TinyURL is a URL shortening service that creates short aliases for long URLs.
259	TLY	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	T.LY is a URL shortener service.
260	TREASURY-GOV	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	The U.S. Department of the Treasury is the national treasury of the federal government of the United States.
261	TRIPIT	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Triplt is a travel organizer app that creates itineraries from travel confirmations.
262	TRUSTPILOT	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Trustpilot is a consumer review website.
263	TUNNELMOLE	Infrastructure	HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL	Tunnelmole is a tunneling service provider which provides a public URL to a privately running service.
264	TVUPLAYER	Multimedia	HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP	TVUPlayer is an application intended to watch TV in peer-to-peer.
265	TWINKL	Web	GCP, HTTP, HTTP2, HTTPS, SPDY, SSL, ZENDESK	Twinkl provides educational resources for teachers and parents.
266	UCLONDON	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	University College London (UCL) is a public research university in London, England.
267	UDACITY	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Udacity offers online courses in AI, data science, programming, cloud computing, and more.
268	UEFA	Web	AKAMAI-SSL, AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	UEFA is the governing body of European football, organizing competitions and promoting the sport.
269	UNESCO	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	The United Nations Educational, Scientific and

				Cultural Organization is a specialized agency of the United Nations aimed at promoting world peace and security.
270	UNITED-NATIONS	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	The United Nations (UN) is an international organization for peace, security and diplomatic relationship among member states.
271	UNITED-PRESS	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	United Press International is a news agency.
272	UNSPLASH	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, IMGIX, SPDY, SSL	Unsplash is an image discovery platform for free to use, high-definition images.
273	UPS-SHIPPING	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	UPS provides global shipping and logistics solutions.
274	URBAN-VPN	Infrastructure	AMAZON-AWS, HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL	Urban VPN is a VPN application.
275	UUSEE-UDP	Multimedia	UDP	UUSee is a P2P based internet streaming media broadcaster in China.
276	VARIETY	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Variety is an American magazine on entertainment covering film, television, music, and theater.
277	VICE	Web	ADOBE, HTTP, HTTP2, HTTPS, SPDY, SSL	Vice is a digital media company covering news, culture, and entertainment.
278	VIDDLER	Web	GCP, HTTP, HTTP2, HTTPS, SPDY, SSL	Viddler is a video hosting and sharing platform.
279	WARP	Infrastructure	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Cloudflare 1.1.1.1 WARP is a VPN for consumers allowing to relay traffic through Cloudflare without selection of the exit country. Zero Trust, part of Cloudflare One, is the Enterprise version
280	WATTPAD	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Wattpad is a platform for posting, reading and comment written fictions.
281	WEAVIATE	Infrastructure	GCP, HTTP, HTTP2, HTTPS, SPDY, SSL	Weaviate is an open-source vector database for building AI applications. This plugin will also classify the website.
282	WEBLIO	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Weblio is a Japanese-English dictionary.
283	WEBTORRENT	P2P	BMFF, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	WebTorrent is an adaptation of BitTorrent protocol to the web protocols. This plugin classifies traffic to the tracker and Webseed hosted files.
284	WEFORUM	Web	AMAZON-AWS, HTTP, HTTP2, HTTP3, HTTPS, SPDY, SSL	The World Economic Forum is an international organization for public-private cooperation.
285	WIICONNECT24	Gaming	HTTP, HTTP2, HTTPS, LLNWD, SPDY	WiiConnect24 is an asynchronous communication protocol implemented on the Nintendo Wii gaming system. It used by some information channels and services embedded in the console, and by some games too.

286	WIKIDOT	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Wikidot is a wiki hosting site.
287	WIKIHOW	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	wikiHow is an online wiki-style community consisting of an extensive database of how-to guides.
288	WILEY	Web	ADOBE, CLOUDFLARE, HTTP, HTTP2, HTTPS, QUALTRICS, SPDY, SSL	John Wiley & Sons is an American academic publisher.
289	WIRE	Messaging	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, RTP, SPDY, SSL, STUN, WEBRTC	Wire is an instant messaging application developed by Wire Swiss.
290	WORLD-HEALTH-ORG	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	The World Health Organization (WHO) is a United Nations agency for global health matters and coordination of international health efforts.
291	WOW	Gaming	AKAMAI-SSL, AMAZON-AWS, BATTLENET, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP	WOW is an online role-playing game.
292	WOWHEAD	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Wowhead offers a searchable database, forums, guides, and services for World of Warcraft players.
293	WUNDERGROUND	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Weather Underground is a commercial weather service providing real-time weather information.
294	XBOXLIVE	Gaming	AKAMAI-SSL, HTTP, HTTP2, HTTPS, ESP-OVER-UDP, IKE, LLNWD, MICROSOFT, OFFICE365, RTP, SILVERLIGHT, SPDY, SSL, TCP, UDP, WEBRTC	Online multiplayer gaming and digital media delivery service created and operated by Microsoft Corporation.
295	XKCD	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	XKCD is a science and computing oriented webcomics created by the American cartoonist Randall Munroe.
296	XUMO	Multimedia	AMAGI, CLOUDFLARE, FCM, HTTP, HTTP2, HTTPS, NBC, SPDY, SSL	Xumo is a video streaming platform.
297	YAHOO-FINANCE- MESSAGE-BOARD	Web	HTTP, HTTP2, HTTPS, SPDY	This signature detects the Yahoo Finance message boards.
298	YOOMONEY	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	YooMoney is a Russian electronic payment service.
299	ZANGI	Messaging	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP	Zangi Private Messenger is a mobile instant messaging application. This plugin classifies the consumer application.
300	ZE-DELIVERY	Web	AMAZON-AWS, AMAZON-COGNITO, HTTP, HTTP2, HTTPS, SPDY, SSL	ZE Delivery is a beverage delivery application for Latin America.
301	ZERODHA	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Zerodha is an online stock trading platform offering brokerage services.

302	ZOHO-ASSIST	Remote-access	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Zoho Assist is a remote access and support multi-platform application.
303	ZOMATO	Web	AMAZON-AWS, APPSFLYER, HTTP, HTTP2, HTTP3, HTTPS, SPDY, SSL	Zomato is an online platform that provides information, menus, and user reviews of restaurants.
304	ZSCALER	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL	Zscaler provides cloud security solutions.

Updated Applications

The following table contains information about the updated applications in this release of JDPI-Decoder.

Sr. No.	Application Name	Application Type	Reported Over	Description
1	9P	Infrastructure	TCP	9P is a network protocol developed by Bell Labs and distributed in their Operating System Plan 9.
2	ACTIVESYNC	Web	RPC	Exchange ActiveSync (EAS) is a mobile data synchronization technology and protocol developed by Microsoft, originally released in 1996. This protocol is designed for the synchronization of email, contacts, calendar, tasks and notes.
3	ADOBE-CONNECT	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, QUIC, RTMP, SPDY, SSL	Adobe Connect is a web communication system for the training, the marketing, the conferences and the online collaboration.
4	AFP	Infrastructure	DSI, TCP	Apple Filing Protocol (AFP) is a file sharing protocol used on Mac.
5	APPLEJUICE	P2P	TCP	Apple Juice is a semi-centralized peer-to-peer file sharing network like E-Donkey.
6	BADOO	Web	AMAZON-AWS, DTLS, FACEBOOK-ACCESS, GOOGLE-MAPS, HTTP, HTTP2, HTTP-PROXY, HTTPS, QUIC, RTCP, RTP, RTSP, SIP, SPDY, SSL, STUN, TCP, WEBRTC	Badoo is a dating oriented social networking website.
7	BATTLENET	Gaming	AKAMAI-SSL, AMAZON-AWS, CLOUDFLARE, GCP, HTTP, HTTP2, HTTPS, JABBER, LLNWD, PSN, SIZMEK, SPDY, SSL, TCP, UDP, VIVOX	Online multiplayer gaming server.
8	BGP	Infrastructure	TCP	Border Gateway Protocol (BGP) is an inter Autonomous Systems routing protocol used by most ISPs.
9	CUPS	Infrastructure	UDP	The Common Unix Printer System (CUPS) protocol is a cross-platform printing solution

				for UNIX environments. It is based on the "Internet Printing Protocol" and it is compatible with Microsoft operating systems since Windows 2000.
10	DELICIOUS	Web	HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL	Delicious (formerly del.icio.us), pronounced "delicious" is a social bookmarking web service for storing, sharing, and discovering web bookmarks.
11	DHCP	Infrastructure	UDP	The DHCP protocol is used to configure automatically the network parameters of a station.
12	DIRECTCONNECT	P2P	HTTP, HTTP2, HTTPS, SOCKS4, SOCKS5, SOURCEFORGE, SPDY, SSL, TCP, UDP	DirectConnect is a peer-to-peer protocol.
13	DNP3	Infrastructure	TCP, UDP	DNP3 (Distributed Network Protocol) is a set of protocols used between components in process automation systems (SCADA).
14	DNS	Infrastructure	APPLE-IOS-UPDATE-SSL, CISCO, CLOUDFLARE, COMCAST, GOOGLE, GOOGLE-GEN, HTTP, HTTP2, HTTPS, MOZILLA, NEXTDNS, SPDY, SSL, TCP, UDP	The DNS protocol is used to translate internet names (www.site.com) into IP address and vice versa. This protocol plug-in classifies DNS and its 'children' LLMNR, mDNS and DNSSEC (RFC 4033, RFC 3225).
15	DRDA	Infrastructure	TCP	DRDA is a protocol for carrying out SQL queries and commands.
16	EBAY	Web	AKAMAI-SSL, AMAZON-AWS, CLOUDFLARE, FASTLY, HTTP, HTTP2, HTTP-PROXY, HTTPS, QUALTRICS, SPDY, SSL, TCP, UDP	Ebay is a famous online auction and shopping website.
17	ECHO	Infrastructure	TCP, UDP	The echo service simply sends back to the originating source any data it receives.
18	EVE-ONLINE	Gaming	AMAZON-AWS, HTTP, HTTP2, HTTPS, QUIC, SIP, SPDY, SSL, TCP, VIVOX	Eve Online is a multiplayer online game edited by CCP.
19	FILETOPIA	P2P	HTTP-PROXY, HTTPS, SOCKS4, SOCKS5, TCP, UDP	Filetopia is a free, proprietary peer-to-peer client software for Windows. It uses an encrypted protocol for all its communications. In addition to the usual peer-to-peer features, Filetopia provides a chat, a buddy search and a message board.
20	FTP	Infrastructure	HTTP-PROXY, SOCKS4, SOCKS5, TCP	The FTP protocol is used for reliable data transfer between a client and a server.
21	FTP-DATA	Infrastructure	TCP	This protocol is used to transport data in data connection of FTP communication.
22	GIOP	Infrastructure	TCP, UDP	The General Inter-Orb protocol (GIOP) is used to make requests or return replies between ORBs in a Corba environment.

23	GOOGLE-EARTH	Web	GCS, GOOGLE-API, GOOGLE-GEN, GOOGLE-MAPS, GOOGLE-STATIC, HTTP, HTTP2, HTTPS, QUIC, SPDY, SSL	Google Earth is a program used to view a virtual Earth in 3D. Part of the traffic generated on Windows and Mac is classified as google_maps.
24	GOTOMEETING	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, LOGMEIN, QUIC, RTP, SPDY, SSL, STUN, TCP, UDP	GoToMeeting is an online meeting service developed by Citrix.
25	HIDEMYASS	Web	EVASIVE-PROTOCOL, HTTP, SSL	HideMyAss is a popular anonymizing web proxy.
26	HTTP	Web	HAPROXY, HOLA-WEBPROXY, HTTP-PROXY, HTTP-TUNNEL, NET-PROXY, SOCKS4, SOCKS5, TCP, UDP	The Hypertext Transfer Protocol (HTTP) is used for browsing the web.
27	IBACKUP	Web	HTTP, HTTP2, HTTPS, RSYNC, SPDY, SSL	ibackup is an online file backup protocol.
28	ICCP	Infrastructure	MMS-ISO	IEC 60870-6/TASE.2. Inter-Control Center Communications Protocol (ICCP) provides data exchange over Wide Area Networks (WANs) between utility control centers, utilities, power pools, regional control centers, and Non-Utility Generators.
29	IDENT	Infrastructure	TCP	The Identification Protocol provides a means to determine the identity of a user of a specific TCP connection.
30	IEC104	Infrastructure	TCP	IEC 60870-5-104 protocol (aka IEC 104) is a part of IEC Telecontrol Equipment and Systems Standard IEC 60870-5 that provides a communication profile for sending basic telecontrol messages between two systems in electrical engineering and power system automation.
31	IMO	Messaging	AMAZON-AWS, BIGO, BMFF, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP	IMO is an instant messaging application which allows the users to exchange messages without having to pay for SMS, share photos and videos.
32	INSTAGRAM	Web	FACEBOOK-ACCESS, FBcdn, HTTP, HTTP2, META-GEN, QUIC, SPDY, SSL	Instagram is an online mobile photo-sharing and social networking service. Instagram Direct calls are classified as facebook_messenger.
33	IRC	Messaging	HTTP, TCP	IRC (Internet Relay Chat) is an instant messaging protocol.
34	JABBER	Messaging	AMAZON-AWS, GOOGLE-GEN, HTTP, HTTP2, HTTP-PROXY, HTTPS, RTP, SOCKS4, SOCKS5, SPDY, SSL, TCP	Jabber is an open standard instant messaging and presence system involving the XMPP protocol.
35	KIK	Messaging	AMAZON-AWS, BLOGGER, BRANCH, CLOUDFLARE, FASTLY, GCP, HEROKU, HTTP, HTTP2, HTTPS, ITUNES, MEETME, SOUNDCLOUD, SPDY, SSL, TCP, UDP, ZENDESK	KIK Messenger is a Chinese Instant Messaging service. KIK now also includes the Rounds service which is a live social platform.
36	KRB5	Infrastructure	HTTP, HTTP2, HTTPS, MSRPC, SPDY, TCP, UDP	Kerberos provides a means to verify the identities of the

				different workstations on an open (unprotected) network.
37	LDAP	Infrastructure	TCP, UDP	LDAP (Lightweight Directory Access Protocol) is a protocol used for accessing directory services. Windows environments use this protocol to send queries to Active Directory.
38	LPR	Infrastructure	TCP	LPR is a protocol providing printing services and used in Berkeley distributions of the Unix operating system.
39	MGCP	Infrastructure	TCP, UDP	MGCP protocol is used as signaling protocol for voice IP applications.
40	MMS	Multimedia	HTTP, HTTP2, HTTPS, ICY, SPDY, TCP, TURNER, UDP	MMS protocol is used extensively nowadays by Microsoft video streaming servers. It enables to stream a file in real time to many simultaneous viewers.
41	MODBUS	Infrastructure	MODBUS-RTU, SOCOMEC, TCP, UDP	MODBUS is a standard communication protocol in industry for connecting industrial electronic devices (SCADA). Here, we consider MODBUS as the combination of MODBUS/TCP (Transport layer for TCP/IP networks) and MODBUS (serial communication protocol).
42	MONGODB	Infrastructure	TCP	Mongodb is a relational database management system (RDBMS).
43	MSRPC	Infrastructure	DCERPC	Microsoft Remote Procedure Call (MSRPC) is the Microsoft implementation of the DCE RPC mechanism.
44	MUTE	P2P	HTTP, HTTP2, HTTPS, SPDY, TCP	Mute is a peer-to-peer protocol.
45	MYSQL	Infrastructure	SSL, TCP	MySQL is an open-source relational database management system (RDBMS) that uses Structured Query Language (SQL), the most popular language for adding, accessing, and processing data in a database. This plug-in support Bind Variables types and values extraction, using session context storage. This can cause significant per-session memory consumption, depending on traffic and database usage. Check MySQL layer proto tunes to define limits related to this usage.
46	NAT-PMP	Infrastructure	UDP	The NAT Port Mapping Protocol (NAT-PMP) is a network protocol for establishing network address translation (NAT) settings and port forwarding configurations automatically without user effort.

47	NETEASE	Web	AMAZON, AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTP-PROXY, HTTPS, QUIC, SPDY, SSL, TCP, UDP	NetEase is a Chinese internet company. NetEase is the owner of 188.com, 126.com, 127.net and kaola.com.
48	NFS	Infrastructure	RPC	The NFS protocol provides transparent remote access to shared file systems across networks as described in RFC 1813. This plug-in also classifies the experimental legacy version of NFS (v1) developed by Sun, but does not provide attribute extraction for this version.
49	NNTP	Messaging	SOCKS4, SOCKS5, TCP, UDP	The Network News Transport Protocol (NNTP) is used for the distribution, inquiry, retrieval and posting of net news articles using a reliable stream-based mechanism.
50	NTP	Infrastructure	UDP	Network Time Protocol (NTP) is a time synchronization system for computer clocks through the Internet network. It provides mechanisms to synchronize time and coordinate time distribution in a large network.
51	OCSP	Web	AMAZON, AMAZON-AWS, APPLE-IOS-UPDATE-SSL, CLOUDFLARE, GOOGLE-GEN, HTTP, HTTP2, HTTP-PROXY, HTTPS, MICROSOFT, SPDY, SSL	This network protocol is used for validating certificates.
52	PCANYWHERE	Remote-Access	TCP, UDP	PCAnywhere is a remote-control solution. It can manage both Windows and Linux systems. Enhanced video performance and built-in AES 256-bit encryption help make communications fast and secure. PCAnywhere also features powerful file-transfer capabilities. By default, PCAnywhere listens on UDP ports 5632 and TCP port 5631.
53	PERFORCE	Infrastructure	TCP	Perforce is a commercial, proprietary, centralized revision control system developed by Perforce Software, Inc.
54	POP3	Messaging	SOCKS4, SOCKS5, TCP	Post Office Protocol - Version 3 (POP3) allows a workstation to simply and dynamically access a mail stored on a mail server.
55	PPTP	Remote-Access	TCP	Point-to-Point Tunneling Protocol allows the Point-to-Point Protocol (PPP) to be tunnelled through an IP network.
56	RADIUS	Infrastructure	UDP	RADIUS (Remote Authentication Dial-In User Service) is a client/server protocol that enables remote access servers to communicate with a central server to

				authenticate dial-in users and authorize their access to the requested system or service.
57	RAPIDSHARE	Web	HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL	RapidShare is an online solution to store, send and share files
58	RDP	Remote-Access	COTP, MCS, SSL, UDP	A key component of Terminal Server is the Remote Desktop Protocol which allows a thin client to communicate with the Terminal Server over the network. This protocol is based on International Telecommunications Union's (ITU) T.120 protocol, an international, standard multichannel conferencing protocol currently used in the Microsoft NetMeeting conferencing software product. It is tuned for high-bandwidth enterprise environments and will also support encrypted sessions.
59	RDT	Multimedia	RTSP, UDP	This protocol is used to transport audio/video data.
60	RLOGIN	Remote-Access	TCP	The Rlogin protocol is used to establish a bidirectional communication to distant terminals.
61	RPC	Infrastructure	HTTP, HTTP2, HTTPS, SPDY, TCP, UDP	RPC (Remote Procedure Call) is an easy and popular paradigm for implementing the client-server model of distributed computing. A request is sent to a remote system to execute a designated procedure, using arguments supplied, and the result is returned to the caller.
62	RSH	Remote-Access	TCP	The RSH protocol allows a user to establish a secure connection to a remote host and to obtain a shell allowing commands to be sent to the remote machine to be executed.
63	RSYNC	Infrastructure	TCP, UDP	Rsync is a protocol used by various services performing updates. It greatly speeds up the update process since only the differences between two sets of files are transferred, instead of the whole new file.
64	RTMP	Multimedia	AKAMAI-SSL, AMAZON-AWS, HTTP, HTTP2, HTTP-PROXY, HTTPS, LLNWD, SPDY, TCP	Real Time Messaging Protocol (RTMP) is a proprietary protocol developed by Adobe Systems for streaming audio, video and data over the Internet, between a Flash player and a server.
65	SCCP	Infrastructure	TCP	Skinny Client Control Protocol (SCCP) is a Cisco proprietary protocol used between Cisco Call Manager and Cisco VOIP phones. It is also supported by some other vendors.

66	SECONDLIFE	Web	AKAMAI-SSL, AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL, UDP, VIVOX	Secondlife is an Internet-based virtual world which enables its users to interact with each other through motional avatars.
67	SHAREPOINT-ONLINE	Web	HTTP, MS-TEAMS, OFFICE365, SSL	On-line version of the Microsoft SharePoint services (included in Office 365).
68	SMB	Infrastructure	NETBIOS, SMB-DIRECT, TCP	The Server Message Block protocol (SMB) provides a method for client applications to read and write to files and to request services from server programs in a computers network. This protocol plug-in supports SMB/SMB2 protocols, as well as SMB 3.0 when SMB Multichannel is not in use. The SMB RDMA (Remote Direct Memory Access) implementation over the iWarp stack (incl. SMB Direct) is supported.
69	SMPP	Infrastructure	TCP	SMPP is a telecommunications industry protocol for exchanging SMS messages between SMS peer entities.
70	SOAP	Web	DATALOGIC, HTTP, HTTP2, HTTP-PROXY, HTTPS, KRB5, MS-DIME, SPDY, UDP	SOAP is a lightweight protocol based on XML intended for exchanging structured information in a decentralized, distributed environment. Note: this protocol can be found in HTTP requests, but it won't be classified if some known web application or service was classified instead.
71	SOCKS4	Remote-Access	TCP	Socks 4 is an authentication protocol.
72	SOCKS5	Remote-Access	TCP, UDP	Socks 5 is an authentication protocol.
73	SPDY	Infrastructure	SSL, TCP	SPDY is an open networking protocol developed primarily at Google for transporting web content.
74	SRVLOC	Infrastructure	TCP, UDP	Service Location Protocol is a decentralized, lightweight, scalable and extensible protocol for service discovery within a local area network.
75	SSL	Infrastructure	COTP, EAP-TLS, EPIC-EMR, HOLA-WEBPROXY, HTTP, HTTP-PROXY, INTERSYSTEM-IRIS, LIBJINGLE-PSEUDOTCP, OPENVPN, PEAP, QUIC, SOCKS4, SOCKS5, TCP, MSSQL, URBAN-VPN	Secure Sockets Layer (SSL) is a commonly-used protocol for managing the security of a message transmission on the Internet. SSL has recently been succeeded by Transport Layer Security (TLS), which is based on SSL.
76	STUN	Remote-Access	HTTP-PROXY, SSL, TCP, UDP	STUN (Session Traversal Utilities for NAT) allows a client behind a NAT to establish UDP tunnels between two hosts.
77	TAOBAO	Web	ALIBABA-CLOUD, ALIBABA-GROUP, CNZZ, DTLS, HTTP, HTTP2, HTTP-PROXY, HTTPS, RTP, SPDY, SSL, STUN, TCP, TMALL, UDP, WEBSOCKET	Taobao is a Chinese shopping website.

78	TELNET	Remote-Access	TCP	Telnet provides a fairly general, bi-directional, eight-bit byte oriented communications facility. Its primary aim is to provide a standard method of interfacing between terminal devices and terminal-oriented processes.
79	TEREDO	Remote-Access	UDP	The Teredo protocol enables IPv6 tunnelling over UDP, traversing NATs, and with minimum over-head.
80	THUNDER	P2P	BITTORRENT, HTTP, HTTP2, HTTP-PROXY, HTTPS, QINI, QUIC, SCORECARDRESEARCH, SOCKS4, SOCKS5, SPDY, SSL, TCP, UDP	Xunlei/Thunder is a Chinese multi-protocol download manager. It uses several DDL websites and P2P protocols to retrieve files. This plug-in only classifies Thunder-specific P2P protocols, and miscellaneous HTTP/HTTPS traffic related to the Xunlei/Thunder application. Downloads made by the application from public HTTP or FTP websites won't be classified as thunder, but as http and ftp_data for most of them. The usage of third-party P2P protocols won't be classified as thunder, but as bittorrent or edonkey instead. UDP classification of Thunder/Xunlei streams is extended using DNS Caching.
81	TNS	Infrastructure	TCP	Transparent Network Service (TNS) is the Oracle (version 8 or higher) networking technology that provides a single application interface to all industry-standard networking protocols. To connect to a database, users initiate a connect request by passing information (username and password) along with a short name for the database service they wish to connect to.
82	ULTRASURF	Web	EVASIVE-PROTOCOL, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP	Ultrasurf is a tunneling protocol used by the Ultrasurf software for Windows. The classification is based on an IP address range analysis.
83	VTUNNEL	Web	HTTP, HTTP2, HTTP-PROXY, HTTPS, QUIC, SPDY, SSL	Vtunnel is a WEB proxy allowing the user to bypass firewalls and access restricted resources. This plug-in classifies the HTTP tunneled sessions, including both vtunnel and the tunneled application. When using HTTPS, the Vtunnel service may connect to the Freeproxies.org proxy: the corresponding sessions are then classified as freeproxies.
84	WHOIS	Infrastructure	SOCKS4, SOCKS5, TCP	WHOIS is 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.
85	WSP	Infrastructure	UDP, WTP	Wireless Session Protocol (WSP) is an application layer protocol present in the WAP stack. It is used by mobile stations to send SMS for example.
86	XDMCP	Remote-Access	UDP	XDMCP is an extension of the X11 protocol that addresses the issue of discovering and authenticating available X servers on the LAN.
87	ZOHO-MEETING	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, QUIC, RTCP, RTP, SPDY, SSL, STUN, WEBRTC	Zoho Meeting is a video conferencing platform.
88	OZZO	Web	CLOUDFLARE, HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL	Ozz0 is an online solution to store, send and share files
89	163-WEBMAIL	Web	163, HTTP, SSL, TCP	163Mail is an email platform owned by NetEase.
90	3GPP-LI	Infrastructure	BASE	3gpp_li is a protocol which form a standard for telecoms operators and networks operators.
91	8021AD	Infrastructure	8021AD, 8021Q, ETH	802.1ad is a protocol which allows sending VLAN membership information of a frame.
92	8021Q	Infrastructure	8021AD, 8021Q, ETH, HSR	802.1Q is a protocol which allows sending VLAN membership information of a frame.
93	AAON-PRISM	Infrastructure	TCP	AAON Prism 2 is a software for control of AAON HVAC, Wattmaster Commlink 5 module over IP.
94	ACRONIS	Web	HTTP, HTTP2, HTTPS, SPDY, SSH, SSL, TCP	This plugin classifies flows related to Acronis products.
95	ACSE	Infrastructure	PP	ISO 8650-1/X.227 OSI Association Control Service (ACSE).
96	AGORA-IO	Infrastructure	AMAZON-AWS, HTTP, HTTP2, HTTPS, RTCP, RTP, SPDY, SSL, STUN, TCP, UDP	Agora SDK is a WebRTC framework.
97	AIM	Messaging	HTTP, HTTP2, HTTP-PROXY, HTTPS, RTMP, SCORECARDRESEARCH, SPDY, TCP	AIM (originally AOL Instant Messenger) is an instant messaging application. The protocol name is OSCAR (Open System for Communication in Realtime) and is used in both ICQ and AIM services.
98	AIMS	Messaging	HTTP, HTTP2, HTTPS, SPDY, SSL	AIMS is the secure version of AIM.
99	AJP13	Web	TCP	This plugin classifies AJP13 (Apache Jserv Protocol 1.3), a protocol commonly used between Apache/IIS and

				JBoss/Tomcat instances to balance HTTP traffic.
100	ALIBABA-GROUP	Web	ALIBABA-CLOUD, DTLS, HTTP, HTTP2, HTTPS, QUIC, RTP, SOAP, SPDY, SSL, STUN, TCP, UDP, WEBRTC	Alibaba Group Holding Limited is a Chinese multinational conglomerate specializing in e-commerce, retail, Internet, AI and technology. This plugin is the default classification of domain names owned by Alibaba Group.
101	ALOHA-VPN	Infrastructure	CLOUDFLARE, HTTP, HTTP2, HTTPS, IKE, SPDY, SSL, TCP, UDP	Aloha VPN is a VPN service distributed by Aloha Mobile.
102	AMAZON-CHIME	Messaging	AMAZON, AMAZON-AWS, AWS-KINESIS, HTTP, HTTP2, HTTPS, QUIC, SPDY, SSL	Amazon Chime is a fully-managed communications service in the cloud.
103	AMAZON-LUNA	Gaming	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Amazon Luna is a cloud-based gaming subscription service from Amazon. Games are streamed to the browser.
104	AMAZON-WORKSPACES	Remote-access	AMAZON-AWS, HTTP, SSL	Amazon WorkSpaces is a desktop virtualization service provided by Amazon AWS.
105	AMQP	Infrastructure	TCP	AMQP (Advanced Message Queuing Protocol) is an open standard application layer protocol for message-oriented middleware, originated in 2003 by JP Morgan Chase in London.
106	ANCHORFREE	Infrastructure	EVASIVE-PROTOCOL, HTTP, IKE, SSL	AnchorFree/Pango is a company that owns several popular vpn software and sells vpn solutions.
107	ANONYTUN-VPN	Web	EVASIVE-PROTOCOL, HTTP, HTTP-PROXY, SSL, TCP, UDP, WEBSOCKET	AnonyTun is an android VPN client offering to their users to customize a few parameters related to tunnel.
108	ANYWHEREUSB	Infrastructure	TCP	This layer classifies traffic from TCP/3422 related to actual data carried out by AnywhereUSB devices connected to it. Those data are in clear text.
109	APACHE-SOLR	Infrastructure	HTTP, HTTP2, HTTPS, SPDY	This plugin classifies traffic related to Solr's web interface and its API over HTTP.
110	APC-AGENT	Infrastructure	UDP	APC Agent protocol allows to monitor and manage APC devices in LAN network. This protocol uses UDP port 9950.
111	APEX	Gaming	AMAZON-AWS, ELECTRONIC-ARTS, HTTP, SSL, UDP	Apex Legends is an online shooting video game available on PC and consoles (ps4, xbox one), published by Electronic Arts.
112	ARCHIVE	Web	HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL	Archive.org is the site of the Internet Archive, a non-profit digital library offering free universal access to books, movies and music, as well as more than 300 billion archived web pages.
113	ARD	Remote-access	VNC, UDP	Apple Remote Desktop allows to manage Mac computers remotely.

114	ARENA-OF-VALOR	Gaming	HELPSHIFT, HTTP, QQ-GAMES, SSL	Arena of Valor is a multiplayer online battle arena (MOBA) mobile game.
115	ARES	P2P	HTTP, HTTP2, HTTPS, SOCKS4, SOCKS5, SPDY, SPID, TCP, UDP	Ares is a peer-to-peer file sharing app. Ares was initially formed as a spin-off of the Gnutella network in 2002. This signature classifies flows of Ares update checking.
116	ARP	Infrastructure	8021Q, ETH, IPP-GRE, HSR, LLC, PRP, SNAP	The ARP protocol is used to determine the MAC Address of a PC for which the IP address is known.
117	AS2	Infrastructure	GLOBALSCAPE-EFT, HTTP, HTTP2, HTTPS, SPDY	AS2 (RFC4130) is a protocol for automatic B2B exchange of financial documents. This plugin classified AS2 when used over unencrypted HTTP.
118	ASPHALT9	Gaming	GAMELOFT, TCP, UDP	Asphalt9 is a multiplayer car racing game developed and published by Gameloft. This plugin classifies mobile versions.
119	AVAMAR	Infrastructure	SSL, TCP	AVAMAR is a backup system distributed by Dell EMC offering data deduplication. System with data deduplication is able to backup only once a duplicated object like an email or file that has been copied several times on a system. Classification focus on classification of traffic between client and server.
120	AVG-UPDATE	Web	GOOGLE-APPENGINE, HTTP, HTTP2, HTTPS, SPDY	Protocol used for AVG antivirus software updates; since 2016 AVG is a subsidiary of the Czech security software company Avast.
121	BACNET-APP	Infrastructure	BACNET-NET	BACnet is a communication protocol for Building Automation and Control (BAC) networks defined by the standard ISO 16484-5. The BACnet stack defines different layers, the BACnet Application Layer (bacnet_app) manages access to objects exposed by BACnet devices and operations done on them.
122	BACNET-NET	Infrastructure	BACNET-VLC, LLC	BACnet is a communication protocol for Building Automation and Control (BAC) networks defined by the standard ISO 16484-5. The BACnet stack defines different layers, the BACnet Network Layer (bacnet_net) contains the network addresses required for routing BACnet messages to BACnet devices.
123	BACNET-VLC	Infrastructure	UDP	BACnet is a communication protocol for Building Automation and Control (BAC) networks defined by the standard ISO 16484-5. The BACnet stack defines different

				layers, the BACnet Virtual Link Control layer (bacnet_vlc) is used by BACnet devices over IP networks. It formalizes all the services that a BACnet device might require from the link layer but are not readily available from the underlying IP layer.
124	BAIDU	Web	ALIBABA-CLOUD, AMAZON-AWS, APPCHINA, APPLE-HLS, BILIBILI, BITTORRENT, BMFF, CLOUDFLARE, CONDUIT, DATA-SAVER, DIANPING, GCP, HBO-GO, HTTP, HTTP2, HTTP-PROXY, HTTPS, IQIYI, LETV, NUOMI, QUIC, SINA-WEIBO, SOHU, SPDY, SSL, TCP, UDP, WEBSOCKET, WORDPRESS, XING, YOUTAO, YY	Baidu is a Chinese search engine for websites, audio files and images. Baidu means "One hundred degrees" in English. Baidu is also a Chinese Internet company.
125	BARRACUDA-VPN	Infrastructure	TCP, UDP	Appliance edited by Barracuda and providing VPN service. This plugin classifies TINA protocol.
126	BBM	Messaging	RTCP, RTP, STUN, UDP	BBM is the messenger/voip/Video protocol for blackberry. This plug-in classifies the audio and video data flows of BlackBerry Messenger.
127	BEETALK	Messaging	AKAMAI-SSL, GARENA, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP	beetalk is an instant messaging software for mobile.
128	BF4	Gaming	ELECTRONIC-ARTS, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP	Battlefield 4 is a first-person shooter video game published by Electronic Arts and released in October 2013.
129	BIGFIX	Infrastructure	HTTP, HTTP2, HTTPS, SPDY, SSL, TCP	HCL BigFix, formerly IBM or Tivoli BigFix, is an endpoint management software. This plugin classifies the relay server and cloud servers.
130	BIGO	Web	AMAZON-AWS, HTTP, HTTP2, HTTP3, HTTPS, QUIC, SPDY, SSL, TCP, UDP	BIGO Technology is a Singapore-based social media company.
131	BILIBILI	Web	AKAMAI-SSL, BAIDU, BMFF, HTTP, HTTP2, HTTPS, RTP, SPDY, SSL, STUN, WEBRTC	Bilibili is a Chinese video sharing platform.
132	BINGBOT	Web	HTTP, HTTP2, HTTPS	Bingbot is a web crawler (indexation bot) used by the Microsoft Bing search engine.
133	BITCOMET-PEX	P2P	UDP	In a bitcomet file sharing networks, this Peer Exchange (PEX) protocol is used to help maintain a swarm of peers that are collaborating to share a given torrent. This plugin implements the Bitcomet specific PEX protocol.
134	BITTORRENT	P2P	AMAZON-AWS, CLOUDFLARE, GOOGLE-GEN, HTTP, HTTP2, HTTP-PROXY, HTTPS, LLNWD,	BitTorrent is a peer-to-peer protocol.

			QUIC, SOAP, SOCKS4, SOCKS5, SPDY, SPID, SSL, TCP, UDP, UTP	
135	BLOOMBERG	Web	AIRKAST, AKAMAI-VIDEO, AMAZON-AWS, FLURRY, HTTP, HTTP2, HTTPS, ICY, RTMP, SPDY, SSL, TCP	Bloomberg is a website about business and financial news.
136	BMFF	Multimedia	FLASH, HTTP, HTTP2, HTTPS, SPDY	The ISO BMFF (Base Media File Format) format, as described in ISO/IEC 14496-12:2008 (MPEG-4 Part 12).
137	BMI-GFORCE	Infrastructure	DBISAM	BMI G-Force Plus RF is a device for managing forklifts.
138	BOSCH-CONETTIX	Infrastructure	TCP, UDP	Bosch Conettix is a security alarm product line. This plugin classifies the D6600 and B426 when no encryption is configured.
139	BOTIM	Messaging	HTTP, HTTP2, HTTPS, RTP, SPDY, SSL, STUN, TCP, UDP	Botim is a mobile communication application to make audio/video calls and chat.
140	BR-AUTOMATION	Infrastructure	TCP	B&R Industrial Automation is a manufacturer for the industry. This plugin classifies a plastic molding machinery.
141	BROWSEC-VPN	Infrastructure	AMAZON-AWS, HTTP, HTTP2, HTTPS, ESP-OVER-UDP, IKE, SPDY, SSL, TCP, UDP	Browsec VPN is a set of mobile applications and web browser extensions providing non-professional VPN service. This plugin classifies the browser extension and mobile applications. Applications may generate ISAKMP/IPSEC traffic.
142	BSSAP	Messaging	SCCP-SS7, IPP-SCTP	BSSAP is a telephony protocol used in SS7 networks.
143	BXML	Infrastructure	WSP	The WAP Binary XML protocol defines an encoding scheme for the binary data used in WAP environments.
144	CALL-OF-DUTY	Gaming	AMAZON-AWS, DEMONWARE, HTTP, HTTP2, HTTPS, QUIC, SPDY, SSL, UDP	Call of duty (aka COD) is a video game First Personal Shooter (FPS) available on Xbox, PS4, Microsoft Windows and published by Activision. This plugin classifies the World War II edition.
145	CALL-OF-DUTY-MOBILE	Gaming	ACTIVISION, AMAZON-AWS, GARENA, HTTP, HTTP2, HTTPS, LLNWD, QQ-GAMES, QQ-WEB, SPDY, SPEEDTEST, SSL, UDP	Call of Duty: Mobile is a free to play mobile video game. This plugin classifies only the traffic generated by the online playing.
146	CAMSTAR	Infrastructure	FLEXERA, HTTP, HTTP2, HTTPS, SPDY, TCP	Siemens Opcenter Execution Core, formerly known as Camstar Enterprise Platform, is a Manufacturing Execution System (MES). This plugin classifies the XML server and HTTP Web Services.
147	CAPWAP	Infrastructure	UDP	CAPWAP stands for Control and Provisioning of Wireless Access Points. It is a standard, interoperable protocol that enables a controller to manage

				a collection of wireless access points.
148	CASSANDRA	Infrastructure	JAVA-RMI, TCP	Apache Cassandra is an open-source distributed NoSQL database. This plugin classifies the unencrypted inter-node communication. Client to cluster flows are classified as <code>cassandra.cql</code> .
149	CB-PROTECTION	Infrastructure	HTTP2, HTTPS, SPDY, SSL	CarbonBlack Protection, formerly known as Bit9 or Parity, is a monitoring and access control application for critical systems and software. This plugin classifies flows between the agent and its servers.
150	CCSS-QMM	Infrastructure	TCP	QMessage Monitor, by Helpsystems, sends alerts to IT administrators based on filters on AS/400 Message Queues. This protocol is between the AS/400 application and a Windows client.
151	CDP	Infrastructure	HSR, SNAP	Cisco Discovery Protocol (CDP) is a layer 2 protocol used by Cisco network equipment to discover other Cisco network equipment present on a link. Note: Attribute extraction for CDP is only possible when classified over SNAP.
152	CFT	Infrastructure	TCP, X25	CFT (Cross File Transfer) is a file transfer software developed by Axway
153	CHAP	Infrastructure	PPP	The CHAP protocol is used to verify the identity of a peer on a point-to-point link.
154	CHROME-REMOTE-DESKTOP	Web	GOOGLE-GEN, HTTP, HTTP2, QUIC, SPDY, SSL, UDP	This signature classifies chrome remote desktop based on DNS caching and SSL common name on PC as well as on Mobile
155	CIBN	Web	ALIBABA-CLOUD, APPLE-HLS, BMFF, DATA-SAVER, HTTP, HTTP2, HTTPS, SPDY, SSL	China International Broadcasting Network (CIBN) is an internet TV platform. This plugin classifies website traffic.
156	CIMCO-DNCMAX	Infrastructure	TCP, UDP	Cimco DNC-Max is a leading DNC (Direct/Distributed Numerical Control) software solution for DNC program transfers to multiple CNC (Computerized Numerical Control) machines.
157	CIP	Infrastructure	ENIP	The Common Industrial Protocol (CIP) is an industrial protocol for industrial automation applications.
158	CISCO	Web	ADOBE, AMAZON-AWS, CLOUDFLARE, DTLS, GCP, HTTP, HTTP2, HTTP-PROXY, HTTPS, RTCP, RTP, SPDY, SSL, STUN, TCP, UDP, WEBRTC, WEBSOCKET	Cisco Systems, Inc. is an American multinational technology. This plugin classifies the website browsing.
159	CISCO-IP-SLA	Infrastructure	UDP	Cisco IP SLA is used to monitor IP applications by using active traffic.

160	CISCO-RRM	Infrastructure	UDP	Cisco Wireless LAN controller coordinates a set of Cisco wireless LAN access points. This plugin classifies the NDP packets and the protocol used between WLC instances for the Radio Resource Management functionality. The WLC also communicates with the APs using capwap tunnels, this will be classified as that protocols.
161	CISCO-SDAVC	Infrastructure	UDP	Cisco Software-Defined AVC (SD-AVC) is a component of Cisco Application Visibility and Control (AVC). It works as a centralized network service, operating with specific participating devices in a network.
162	CISCO-UCM	Messaging	CISCO, FTP, FTP-DATA, H225RAS, HTTP, HTTP2, HTTPS, JAVA-RMI, MGCP, RTCP, RTP, SCCP, SIP, SOAP, SPDY, SSL, STUN, TCP, TFTP, WS-DISCOVERY	Cisco Unified Communication Manager is an IP PBX for enterprises. This plugin classifies Cisco specific protocols between Cisco Unified Communication components and devices and also classifies the administration web interface.
163	CITRIX-CGP	Remote-access	TCP	Citrix Common Gateway Protocol (CGP) is an encapsulation protocol common to Citrix products.
164	CLASH-ROYALE	Gaming	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL, SUPERCCELL, TCP, UDP	Clash Royale is an online mobile game by Supercell.
165	COAP	Infrastructure	DTLS, IPP-SCTP, TCP, UDP	CoAP (Constrained Application Protocol) is a specialized web transfer protocol for use with constrained nodes and constrained networks in the Internet of Things.
166	CODEMETER	Infrastructure	HTTP, HTTP2, HTTPS, SPDY, SSL, TCP	Wibu Codemeter is a license server (Software Asset Management). This plugin classifies this product as used in FactoryTalk Activation Manager.
167	COMP	Infrastructure	PPP	COMP protocol is used for data compression over PPP.
168	CONTPAQI	Infrastructure	CLOUDFLARE, HTTP, HTTP2, HTTPS, MICROSOFT, SPDY, SSL, TCP, MSSQL, WINDOWS-AZURE	CONTPAQi is a Mexican accounting software editor. This plugin classifies the websites and on-line API endpoints of the software.
169	CONTROLM-AGENT	Infrastructure	TCP	Control-M is an orchestration software form BMC. This plugin classifies communication between the server and the agent when TLS is disabled and persistent connections is disabled.
170	COTP	Infrastructure	SSL, TCP	COTP (Connection Oriented Transport Protocol) is a protocol ensuring the transport service in the OSI model.

171	COUCHBASE	Infrastructure	AMAZON, AMAZON-AWS, ERLANG-DISTRIBUTION, GCP, GOLANG, HTTP, HTTP2, HTTPS, ONELOGIN, SPDY, SSL, TCP, ZENDESK	Couchbase Server is a distributed, open-source NoSQL database engine, storing key/values or JSON documents.
172	CQL	Infrastructure	CASSANDRA, TCP	Apache Cassandra is an open-source distributed NoSQL database (classified as Cassandra). This plugin classifies the Cassandra Query Language (CQL) protocol used by clients.
173	DAHUA	Web	TCP, UDP	This plugin classifies the Dahua DVRIP control protocols and P2P discovery used by the Lorex N882 Series NVR and the NR900X series DVR devices.
174	DAILYMOTION	Web	AMAZON-AWS, BMFF, CLOUDFLARE, GCP, GOOGLE-APPENGINE, GOOGLE-GEN, GOOGLE-STATIC, HTTP, HTTP2, HTTP-PROXY, HTTPS, LLNWD, MOAT, RTMP, SIZMEK, SPDY, SSL, STREAMROOT, WEBSOCKET, ZENDESK	Dailymotion is a website where users can send or watch videos.
175	DATA-SAVER	Web	GOOGLE-API, GOOGLE-GEN, HTTP, SSL	Data Saver is an optional feature in Chrome. When activated, HTTP traffic will go through Google's proxy servers that will reduce traffic by compressing and optimizing data. By default, the connection to Google proxy servers is over HTTP/2 and encrypted. If the URL http://check.googlezip.net/connect is blocked, the connection to the proxy servers will be over HTTP/1.1 and unencrypted. HTTPS and traffic generated from Incognito mode won't be proxied. Data Saver can be activated in Chrome's settings on Android or through a Chrome extension on PC. Data Saver is not available on iOS.
176	DATALOGIC	Infrastructure	TCP	Protocol used by control software and some Accu-Sort barcode scanners from Datalogic.
177	DB2	Infrastructure	DRDA, TCP	DB2 is a relational model database server from IBM which has its roots in the early 1980s. It runs on IBM mainframes and is also available for Linux/Unix/Windows.
178	DCERPC	Infrastructure	HTTP, HTTP2, HTTPS, SMB, SPDY, TCP, UDP	The DCE/RPC protocol is an RPC implementation used in Distributed Computing Environments. This protocol is used by many software

				applications including Microsoft Exchange.
179	DELTAV	Infrastructure	TCP, UDP	Traffic related to DeltaV, a distributed control system used in industrial process control (Emerson Process Management).
180	DEMONWARE	Gaming	AMAZON-AWS, GCP, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP	DemonWare is a software development company and a subsidiary of Activision Blizzard, Inc.
181	DESCRIPT	Web	AMAZON-AWS, CLOUDFLARE, GCP, GCS, HTTP, HTTP2, HTTPS, QUIC, RTCP, RTP, SPDY, SSL, STUN, WEBRTC, ZENDESK	Descript is a video and audio editor with AI-powered features.
182	DESTINY	Gaming	AKAMAI-SSL, DEMONWARE, HTTP, HTTP2, HTTPS, PSN, SPDY, SSL, TCP, UDP, WINDOWS-AZURE, XBOXLIVE	Destiny is a first-person shooter video game developed by Bungie and published by Activision.
183	DHCP6	Infrastructure	UDP	The DHCPv6 protocol is used to automatically configure the network parameters of a station in an IPv6 network. Support for extracting metadata is limited to the DHCPv6 header and top level DHCPv6 options.
184	DICOM	Infrastructure	TCP	Digital Imaging and Communications in Medicine (DICOM) is a standard protocol, and a file format, used by medicine and veterinary imaging devices. This plugin classifies non-ciphered communications.
185	DICT	Infrastructure	TCP	The DICT protocol is a TCP transaction-based query/response protocol that enables a client to access dictionary definitions from a set of natural language dictionary databases.
186	DIDI	Web	AMAZON-AWS, APPSFLYER, CLOUDFLARE, DATA-SAVER, GCP, HTTP, HTTP2, HTTP3, HTTPS, SPDY, SSL, TCP, UDP	Didi Global is a Chinese company. This plugin also classifies traffic from Didi and 99Taxi transportation applications.
187	DIMP	Web	HTTP, HTTP2, HTTPS, IMP, SPDY	DIMP is a Webmail protocol
188	DINGTALK	Messaging	ALIBABA-CLOUD, ALIBABA-GROUP, HTTP, HTTPS, SSL, TCP	DingTalk is an enterprise communication and collaboration platform developed by Alibaba Group.
189	DISCORD	Messaging	AMAZON-AWS, CLOUDFLARE, DTLS, GCS, GOOGLE-GEN, HTTP, HTTP2, HTTPS, QUIC, RTCP, RTP, SPDY, SSL, STUN, UDP, WEBRTC	Discord is a chat, audio and video call application for gaming.
190	DLMS	Infrastructure	HDLC, TCP, UDP, WRAPPER-DLMS	DLMS/COSEM is a standardized protocol for energy and water smart meters. This plugin classifies

				DLMS above the UDP or wrapper_dlms (WPDU).
191	DR-SCHENK-IS	Infrastructure	POSTGRESQL, TCP	Dr Schenk Inspection System is a product that inspects and analyzes raw material from a factory production chain. It gathers sensors, actuators and visualization components all interacting with the Inspection System.
192	DSI	Infrastructure	TCP	The Data Stream Interface (DSI) is a session layer used to carry Apple Filing Protocol traffic over Transmission Control Protocol (TCP).
193	DTLS	Infrastructure	CAPWAP, STUN, TCP, UDP	DTLS stands for Datagram Transport Layer Security protocol. It provides communications privacy for datagram protocols, and prevents eavesdropping, tampering, or message forgery.
194	EC-TUNNEL-VPN	Infrastructure	EVASIVE-PROTOCOL, HTTP, SSH, SSL, TCP, UDP	EC Tunnel Pro VPN is an anonymizing VPN service provider.
195	EDONKEY	P2P	HTTP, SOCKS4, SOCKS5, TCP, UDP	Edonkey is a peer-to-peer protocol. Classification is not guaranteed when the protocol obfuscation feature is enabled (feature appeared in eMule version 0.47b).
196	ELASTICSEARCH	Infrastructure	AMAZON-AWS, GCP, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP	Elasticsearch is a search engine. It provides a distributed, multitenant-capable full-text search engine. This signature supports TCP binary API, HTTP REST API but not UDP Zen discovery protocol.
197	ELECTRONIC-ARTS	Web	ADOBE, AKAMAI-SSL, AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL, UDP	This protocol plug-in classifies the generic web traffic related to Electronic Arts.
198	EMC-NAVISPHERE	Infrastructure	TCP	Clariion is a SAN product line from EMC. NaviSphere is its remote configuration interface. This plugin classifies the internal communication protocols and web interface of NaviSphere.
199	EMPIRE-FOUR-KINGDOMS	Gaming	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP	Mobile game.
200	ENIP	Infrastructure	TCP, UDP	ENIP (EtherNet/IP) is an industrial network protocol that adapts the Common Industrial Protocol to standard Ethernet.
201	EPIC-GAMES	Gaming	AKAMAI-SSL, AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, JABBER, RTCP, RTP, SPDY, SSL, STUN, UDP	epic_games is an American video game and software development corporation.
202	EPICOR	Infrastructure	CLOUDFLARE, HTTP, HTTP2, HTTPS, MS-NMF, SPDY, SSL, TCP, WINDOWS-AZURE	Epicor is an Enterprise Resource Planning (ERP) system. This plugin classifies traffic on its SaaS

				(epicorsaa.com) as well as local MS NMF flows.
203	EPROXY	Infrastructure	EVASIVE-PROTOCOL, SSH	Eproxy is a VPN for forward proxies with custom payload and optional ssh support. This plugin classifies automatically generated fake HTTP headers and the embedded ssh clients.
204	ERLANG-DISTRIBUTION	Infrastructure	TCP	Erlang distribution protocol allows several nodes to communicate together and exchange information.
205	ETH	Infrastructure	BASE, CAPWAP, IPP-ETHERIP, IPP-GRE, MPLS, NSH, PWE, VXLAN	The Ethernet protocol enables the addressing and sending of data between stations of an Ethernet segment.
206	ETHEREUM	Web	HTTP, HTTP2, HTTPS, SPDY, SSL, TCP	Ethereum (ETH 1.X) is a cryptocurrency based on a decentralized blockchain with Proof of Work (PoW). This plugin handles version 63 (Eth/63) of Ethereum Wire protocol and traffic to its official web site.
207	ETHEREUM-ND	Web	UDP	Ethereum client uses Node Discovery Protocol v4 to discover nodes which it has to interact with to mine or get any information about Ethereum blockchain.
208	EVASIVE-PROTOCOL	Infrastructure	AMAZON, AMAZON-AWS, AVAST, BRANCH, CLOUDFLARE, DNS, EVOZI, FTP, FTP-DATA, GCP, GOOGLE-GEN, HTTP, HTTP2, HTTP3, HTTP-PROXY, HTTPS, ESP-OVER-UDP, IKE, QQ-WEB, SMTP, SPDY, SSH, SSL, TCP, UDP, WEBSOCKET, ZENDESK	This protocol classifies common mechanisms used by evasive applications. Those mechanisms can be shared by several different applications.
209	EXPERION	Infrastructure	UDP	This plugin classifies of Experion Control Builder for Server LX.
210	EXPRESSVPN	Infrastructure	AMAZON-AWS, CLOUDFLARE, EVASIVE-PROTOCOL, HTTP, HTTP2, HTTPS, ESP-OVER-UDP, IKE, SPDY, SSL, TCP, UDP, ZENDESK	ExpressVPN is a provider of VPN tunnels with servers located in over 140 countries, a wide range of supported clients, and several standards or obfuscated protocols. This plugin classifies the website, the provided software, and manual setups using the ExpressVPN's provided configuration file.
211	FACEBOOK-MESSENGER	Messaging	FACEBOOK-ACCESS, FBcdn, HTTP, META-GEN, QUIC, RTP, SSL, STUN, TANGO	Facebook Messenger is a text and voice messaging application for mobile devices, and also a web application for desktop or mobile web browsers. Facebook Messenger provides both text chat and audio/video communication. On mobile devices, this plug-in classifies Audio flows, Video flows, as well as Text Chat-related flows. On the web application, when running

				Internet Explorer, this plug-in only classifies the browsing and chat flows. On all platforms, photos and file transfers are classified as Facebook. This plugin also classifies the Lasso application.
212	FANUC-GEN	Infrastructure	TCP	This layer gathers signatures of protocols used by Fanuc equipment. This layer does not cover ALL protocols generated by Fanuc equipment.
213	FASP	Infrastructure	IBM-ASPERA, UDP	Fast Adaptive and Secure Protocol (FASP) is developed by the company Aspera. It's a transfer protocol of high performance.
214	FAST-COM	Web	HTTP, NETFLIX, SSL	Fast is a web service allowing to assess Internet throughput. This service is provided by Netflix.
215	FILEMAKER-PRO	Infrastructure	HTTP, HTTP2, HTTPS, IIOP, SPDY	FileMaker Pro is a relational database application from FileMaker Inc, and which runs on Microsoft Windows as well as Mac OS.
216	FILES-COM	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL	Files.com is a cloud storage SaaS platform.
217	FINAL-FANTASY	Gaming	HTTP, SQUARE-ENIX, SSL, TCP	Final Fantasy XIV Online is a massively multiplayer online role-playing game (MMORPG) published by Square Enix.
218	FLEXERA	Infrastructure	ADOBE, AMAZON-AWS, HTTP, HTTP2, HTTPS, LLNWD, SPDY, SSL, TCP	This plugin classifies FLEXNet license servers and Flexera website.
219	FORTNITE	Gaming	AKAMAI-SSL, AMAZON-AWS, EPIC-GAMES, HTTP, HTTP2, HTTPS, SIP, SPDY, SSL, UNREAL-ENGINE, VIVOX	Fortnite is a game developed by Epic Games.
220	FOXY	P2P	GNUTELLA, HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY	Foxy is a peer-to-peer protocol based on GnucDNA.
221	FREE-FIRE	Gaming	AKAMAI-SSL, AMAZON-AWS, GARENA, HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, UDP	Free Fire is a mobile video game published by Garena.
222	FREEVPN-ORG	Infrastructure	EVASIVE-PROTOCOL, SSL, TCP	Free VPN is an anonymizing VPN service provider.
223	FSECURE-UPDATE	Web	HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL	Fsecure_update is the protocol used for fsecure software updates.
224	FTPS	Infrastructure	SSL	Secure version of the FTP protocol.
225	GADUGADU	Messaging	HTTP, HTTP2, HTTPS, QUIC, RTCP, RTMP, RTP, SIP, SPDY, SSL, TCP	Gadu Gadu is a Polish instant messaging protocol.
226	GAODE-MAP	Web	ALIBABA-GROUP, HTTP, HTTP2, HTTPS, SPDY, SSL, TAOBAO	Gaode Map is a chinese online mapping service. Gaode Map belongs to Alibaba Group which has acquired AutoNavi which offers its map services at Amap.com. It is also known as Gaode in China.
227	GARP	Infrastructure	8021Q, ETH, IPP-GRE, HSR	The Generic Attribute Registration Protocol (GARP) provides a generic framework

				whereby devices in a bridged LAN can register or delete attribute values between each other.
228	GENEVE	Infrastructure	IP, IP6	Geneve is a network virtualization over layer 3 (NVO3) Encapsulation protocol defined by IETF into RFC 8926.
229	GESTOR	Infrastructure	TCP	Gestor, edited by GFI now Inetum, is an employee time tracking solution. This plugin classifies various GFI punch clock devices associated with Gestor.
230	GHOSTSURF	Infrastructure	SSL, TCP	GhostSurf is an internet privacy application.
231	GIOPS	Infrastructure	SSL	This protocol is the secure version of the GIOP protocol.
232	GITLAB	Web	AMAZON-AWS, CLOUDFLARE, GCP, GIT, HTTP, HTTP2, HTTPS, SPDY, SSH, SSL	Gitlab is a web-based code repository for software development. This plugin classifies the SaaS version and the self-hosted HTTP version.
233	GLOBALSCAPE-EFT	Infrastructure	BMFF, FTP, FTP-DATA, FTPS, HTTP, HTTP2, HTTPS, SPDY, SSH, SSL, TCP	Enhanced File Transfer (EFT) is a file server from GlobalScape, a HelpSystems company, for sharing business files with internal and external users.
234	GMAIL	Web	GOOGLE-API, GOOGLE-GEN, GOOGLE-PHOTOS, GOOGLE-STATIC, GSUITE, HTTP, HTTP2, HTTPS, QUIC, SPDY, SSL	Gmail is the Google webmail service. This plugin also classifies Gmail image proxy server. Google Inbox is now part of Gmail.
235	GMAIL-MOBILE	Web	GOOGLE-ACCOUNTS, GOOGLE-API, GOOGLE-GEN, GOOGLE-STATIC, HTTP, HTTP2, HTTPS, QUIC, SPDY	Gmail_mobile is the Google webmail for mobile phones. This protocol decodes only the non-ciphered version.
236	GNUNET	P2P	HTTP, HTTP2, HTTPS, SPDY, TCP, UDP	GNUnet is a framework for secure peer-to-peer networking mainly used for anonymous file sharing. It is part of the GNU project.
237	GNUTELLA	P2P	HTTP, HTTP2, HTTPS, SPDY, TCP, UDP	Gnutella is a peer-to-peer protocol.
238	GOODDATA	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL, MSSQL, ZENDESK	GoodData is a Business Intelligence application delivered as a SaaS. This plugin classifies the website and the SaaS.
239	GOOGLE	Web	GCP, GOOGLE-API, GOOGLE-GEN, GOOGLE-STATIC, HTTP, HTTP2, HTTPS, QUIC, SPDY, SSL	This protocol is used for sending user queries to the Google search engine. This signature only classifies non-encrypted queries to the Google servers.
240	GOOGLE-ACCOUNTS	Web	BLOGGER, GOOGLE-API, GOOGLE-DOCS, GOOGLE-GEN, GOOGLE-STATIC, GSUITE, HTTP, HTTP2, HTTPS, QUIC, SPDY, SSL, YOUTUBE	This plugin classifies traffic to the Google Accounts server.
241	GOOGLE-ADS	Web	GOOGLE-GEN, GOOGLE-STATIC, HTTP, HTTP2, HTTPS, QUIC, SPDY, SSL	Google Ads is the online advertisement service from Google. This signature includes classification of DoubleClick, Google AdSense, Google

				AdMob and Google AdWords technologies.
242	GOOGLE-CALENDAR	Web	GOOGLE-API, GOOGLE-GEN, GSUITE, HTTP, HTTP2, HTTPS, QUIC, SPDY, SSL	Google Calendar is a Google free online calendar.
243	GOOGLE-DOCS	Web	GOOGLE-API, GOOGLE-GEN, GOOGLE-STATIC, GSUITE, HTTP, HTTP2, HTTP-PROXY, HTTPS, QUIC, SPDY, SSL	On-line file storage and sharing web-service by Google. Important: most of the traffic is encrypted with generic Google certificates. The classification of this service then needs non-encrypted traffic to be injected. Classification is also correct for traffic under a proxy and some limited workflows.
244	GOOGLE-GEN	Web	AMAZON, AMAZON-AWS, APPLE-HLS, BMFF, CLOUDFLARE, CLOUDINARY, DTLS, EDGECAST, EDU365, FASTLY, HTTP, HTTP2, HTTP3, HTTP-PROXY, HTTPS, IMAPS, JABBER, LLNWD, POP3S, QUIC, RACKSPACE, RCS, RTCP, RTMP, RTP, RTSP, SMTPS, SPDY, SSL, STOREBUFF, STUN, UDP, UPNP-USER-AGENT, WEBRTC, WEBSOCKET, WINDOWS-AZURE	This protocol is a generic layer used as a base for all the services running on top of Google platforms.
245	GOOGLE-MAPS	Web	GOOGLE-API, GOOGLE-GEN, GOOGLE-PHOTOS, GOOGLE-STATIC, HTTP, HTTP2, HTTPS, SPDY, SSL	Google Maps can be used to calculate routes and to look at maps. The encrypted traffic is classified as google. This plug-in also classifies the traffic destined to the Google Location service or third-party applications using its API, to locate a device.
246	GOOGLEBOT	Web	GOOGLE-GEN, HTTP2, HTTPS	Web crawler (spider) used by the Google Search engine. This plug-in will classify the bot HTTP requests, but the ixEngine won't detect web services that are crawled by the bot.
247	GOOSE	Infrastructure	8021Q, ETH	GOOSE (Generic Object Oriented Substation Events) is a controlled model mechanism in which any format of data (status, value) is grouped into a data set and transmitted within a time period of 4 millisecond.
248	GOTODEVICE	Remote-access	IPX, NETBIOS, TCP, UDP	GoToDevice is a remote control and administration tool.
249	GOTOMYPC	Remote-access	CLOUDFLARE, HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL, TCP	Citrix GoToMyPC is a secured web-based remote access solution, enabling to take control of a PC/MAC from a web browser.
250	GROOVE	Infrastructure	HTTP, HTTP2, HTTPS, MICROSOFT, SPDY, SSL, TCP, UDP	Microsoft Office Groove is a desktop application designed for document collaboration in teams with members who are regularly off-line or who do not

				share the same network security clearance.
251	GSUITE	Web	GOOGLE-GEN, HTTP, HTTP2, HTTP-PROXY, HTTPS, QUIC, SPDY, SSL	This plugin classifies GSuite's administration panel and requests to GMail using GSuite accounts. It is now Google Workspace.
252	GTA5	Gaming	ROCKSTARGAMES, UDP	GTA5 is video game, with online play mode.
253	GTPV2	Infrastructure	UDP	The GPRS Tunneling Protocol (GTP) version 2 is used in G4 mobile networks (LTE). Its purpose is to exchange control message between the MME, the SGW and the PGW. These messages lead to the creation of an IP data tunnel between the eNodeB, the SGW and the PGW, thus allowing mobile station data to be transmitted.
254	GVCP	Multimedia	UDP	GVCP stands for Give Vision Control Protocol a standard for industrial cameras supported by several companies. This plugin classifies GVCP traffic related to control and discovery.
255	H245	Multimedia	TCP	H245 is a VoIP protocol, used for call signaling codec negotiation.
256	H248-BINARY	Multimedia	UDP	h248 Protocol (Megaco) in binary mode.
257	HA-TUNNEL	Infrastructure	EVASIVE-PROTOCOL, HTTP, HTTPS, SSL	HA Tunnel is an android VPN client that offers the possibility to customize parameters related to tunneling. This application is developed by Art Of Tunnel. Similar applications like HA Tunnel Pro and HA Tunnel Lite may be classified by this plugin.
258	HALO	Gaming	ADOBE, HTTP, HTTP2, HTTPS, SILVERLIGHT, SPDY, SSL, UDP	Halo is a video game First Personal Shooter (FPS) available on Microsoft platforms (PC, Xbox) and published by Microsoft. This plugin classifies the Halo 5 game exclusive to XboxOne.
259	HAPROXY	Web	TCP	HAProxy is free, open-source software that provides a high availability load balancer and proxy server for TCP and HTTP-based applications. This plugin classifies Proxy Protocol for TCP encapsulation over IPv4/IPv6.
260	HASP	Infrastructure	UDP	Sentinel is a license manager from Thales. This plugin classifies the version delivered with MasterCam, a CNC software, version 2019.
261	HDLC	Infrastructure	TCP, UDP	High-Level Data Link Control (HDLC) is a data link layer protocol standardized by ISO/IEC 13239:2002. This plugin classifies Frame Type 3 when transported over TCP/IP.

262	HEARTHSTONE	Gaming	BATTLENET, TCP	Hearthstone is an online multiplayer card game, developed and published by Activision-Blizzard.
263	HEXATECH	Infrastructure	ANCHORFREE, HTTP, QUIC, SSL, UDP	Hexatech is an anonymous VPN software released by Betternet (formerly vpnintouch) company. Betternet was bought by AnchorFree in 2015.
264	HIDEMAN-VPN	Infrastructure	EVASIVE-PROTOCOL, HTTP, ESP-OVER-UDP, IKE, OPENVPN, SSL, TCP, UDP	Hideman VPN is an application and browser extension that provides VPN features.
265	HIKE-MESSENGER	Messaging	AGORA-IO, GCP, HTTP, HTTP2, HTTPS, SPDY, SSL, UDP	Hike Messenger is an Indian instant messaging application.
266	HL7	Infrastructure	LLP, TCP	HL7 (Health Level 7) is a standardized protocol to exchange medical or administrative data between equipment and applications.
267	HONEYWELL-PHD	Infrastructure	TCP	Traffic related to Honeywell Process History Database (PHD).
268	HONEYWELL-SMARTTE	Infrastructure	TCP, UDP	SmartTE is used for managing some Honeywell wireless terminals and thin clients.
269	HORIZON-WORKROOMS	Web	FACEBOOK-WORKPLACE, HTTP, RTP, SSL	Meta Horizon Workrooms is a virtual office and meeting room accessible using Meta Quest headsets. This plugin classifies web application traffic.
270	HORIZON-WORLDS	Web	FACEBOOK-ACCESS, FACEBOOK-MESSENGER, HTTP, RTP, SSL	Meta Horizon Worlds is the Meta platform for building VR worlds and events. This plugin classifies traffic of web and Android applications.
271	HOTSPOT-SHIELD	Infrastructure	ANCHORFREE, EVASIVE-PROTOCOL, HTTP, HTTPS, IKE, SSL, TCP, UDP	The Hotspot Shield application secures internet connections made from public access points using a VPN network.
272	HOTSPOT-VPN	Infrastructure	EVASIVE-PROTOCOL, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, WIREGUARD	Hotspot VPN is an anonymisation VPN service provider.
273	HOXX-VPN	Web	SSL, VPN1-COM	Hoxx VPN is a popular anonymizing web proxy.
274	HPE-SIM	Infrastructure	HTTP, HTTP2, HTTPS, NBNS, RMCP, SNMP, SPDY, SSH, SSL, TCP	HPE Insight Manager is an inventory and health monitoring software for HP enterprise class hardware and have basic support for other vendors. This plugin classifies flows to the web UI, iLo, Linux servers running WBEM, and Windows servers with WMI.
275	HP-LLC	Infrastructure	LLC	HP Extended Local-Link Control is an LLC protocol enhancement. It is HP proprietary.
276	HSRP	Infrastructure	UDP	The Cisco Hot Standby Router Protocol (HSRP) enables you to manage router redundancy in a network.
277	HTTP2	Web	HTTP-PROXY, SSL, TCP	HTTP/2 is the second major version of the HTTP network

				protocol used by the World Wide Web.
278	HTTP3	Web	SSL	HTTP/3 is the third major revision of the HTTP protocol, adapting it to the Quic protocol.
279	HTTP-INJECTOR	Infrastructure	EVASIVE-PROTOCOL, HTTP, SSH, SSL, TCP	HTTP Injector is a VPN tool. This plugin classifies the ssh tunneling. high_entropy plugin must be enabled to get shadowsocks classification.
280	HTTP-PROXY	Web	HTTP, TCP	Indicates that a flow is proxied through HTTP CONNECT mechanism.
281	HTTP-TUNNEL	Infrastructure	HTTP, HTTP2, HTTPS, SPDY	HTTP Tunnel protocol is used to tunnel protocols inside an HTTP stream.
282	HTTPS	Web	HTTP2, SPDY, SSL	HTTPS is the secure version of HTTP.
283	HUYA	Multimedia	ALIBABA-CLOUD, DTLS, HTTP, HTTP2, HTTPS, MPEGTS, QQVIDEO, RTP, SPDY, SSL, STUN, TCP, UDP, WEBRTC	Huya is a Chinese live-streaming game platform. This plugin classifies browsing and video-playing traffic.
284	IBM-ISERIES	Infrastructure	TCP	Communication protocol used by some IBM iSeries (AS/400) i Access Servers.
285	IBM-TSM	Infrastructure	HTTP, HTTP2, HTTPS, SPDY, SSL, TCP	Tivoli Storage Manager, renamed Spectrum Protect, is a backup software from IBM. This plugin classifies versions before Spectrum Protect Plus.
286	ICA	Remote-access	CITRIX-CGP, HTTP, HTTP2, HTTPS, SPDY, TCP, UDP, UDT	ICA (Independent Computing Architecture) is a communication protocol and a property of the Citrix Company.
287	ICMP	Infrastructure	IP	The icmp protocol (Internet Control Message) is found over the IP layer (IANA protocol number: 1).
288	ICMP6	Infrastructure	IP6	ICMPv6 is the diagnostic protocol used in IPv6 networks.
289	IFIX	Infrastructure	TCP	Formerly Proficy HMI/SCADA, iFIX is an industrial automation system.
290	IFLIX	Multimedia	ADOBE, AKAMAI-SSL, AMAZON-AWS, HTTP, HTTP2, HTTPS, MPEGTS, QQ-WEB, QQVIDEO, SPDY, SSL, TENCENT	iFlix is a video on demand service targeting Malaysia and some other Asian countries. It is now part of Tencent WeTV and is same application except the branding. This plugin classifies domains specific to iflix, other flows are classified as qqvideo, tencent_video or qq_web.
291	IMAP	Messaging	SOCKS4, SOCKS5, TCP	The IMAP protocol (Internet Message Access Protocol Version 4) enables a client to access and manipulate electronic mail messages on a server.
292	IMAPS	Messaging	SSL	IMAPS is the secure version of the IMAP protocol.
293	IMESH	P2P	HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP	iMesh is a peer-to-peer protocol.

294	INCONTROL	Infrastructure	HTTP, HTTP2, HTTPS, MS-NRTP, SPDY, SSL, UDP	Clavister InControl is a centralized management system for Netwall firewalls. This plugin classifies the protocol between the InControl client and its server, as well as the logging protocol.
295	INFORMIX	Infrastructure	DRDA, SQLI	Informix is a family of relational database management systems developed by IBM. IBM acquired the Informix technology in 2001, but it dates back to 1981. It runs on IBM mainframes and is also available for Linux/Unix/Windows.
296	INTERFLEX	Infrastructure	TCP	Interflex is a provider of access control and workforce management hardware. Protocol used for communicating with some Interflex IF-40xx Terminal Controllers.
297	INTERMEC-PRINTER	Infrastructure	TCP	Intermec Printer Language (IPL) is a command set used by some models of Intermec label printers.
298	INTERMEC-SMARTSYSTEM	Infrastructure	HTTP, TCP, UDP	Intermec (Honeywell subsidiary) SmartSystem is a barcode scanner fleet management software.
299	INTERSYSTEM-IRIS	Infrastructure	HTTP, HTTP2, HTTPS, SPDY, TCP	Intersystem IRIS is a database and application server used in healthcare, BI, and financial applications. Intersystem IRIS supports interoperability with other services/entities and can use the TLS connection to communicate with them, i.e. IRIS can be used as a transport protocol to establish the communication and then start the TLS connection that carries a specific application's data.
300	INVAR-ASRS	Infrastructure	MS-NMF, TCP	Invar Systems AS/RS (Automated Storage and Retrieval System) control protocol is part of Invar's integrated warehouse software system (IWS).
301	IODINE	Infrastructure	EVASIVE-PROTOCOL	Iodine is a solution which provides tunneling through the standard DNS protocol. This plugin classifies only raw UDP mode and some DNS Resource Records (NULL, PRIVATE, CNAME, A, MX, SRV and TXT) in bidirectional mode.
302	IP	Infrastructure	3GPP-LI, 8021AD, 8021Q, BASE, ETH, IPP-GRE, GPRS, HSR, ICMP, IP, IP6, LLC, MOBILE-IP, MPLS, NSH, PPP, PRP, PWE, SNAP	The Internet Protocol allows logical addressing of stations over an interconnected system of networks.
303	IP6	Infrastructure	6LOWPAN, 8021Q, BASE, ETH, IPP-GRE, GPRS, HSR, IP, IP6, LLC, MPLS, NSH, SNAP, TEREDO	IPv6 is the next generation protocol designed by the IETF to replace the current version

				Internet Protocol, IP Version 4 (IPv4).
304	IPCP	Infrastructure	PPP	The IP Control Protocol (IPCP) is used to configure IP parameters of a station on a Point To Point link.
305	IPERF	Infrastructure	TCP, UDP	The iPerf protocol is used by the self-titled tool for network performance measures.
306	IPP	Infrastructure	HTTP, HTTP2, HTTPS, SPDY	Internet Printing Protocol (IPP) is a standard used for remote printing using Internet tools and technologies.
307	IPV6CP	Infrastructure	PPP	This Protocol is used for establishing and configuring IPv6 over PPP.
308	IPVANISH-VPN	Infrastructure	AMAZON-AWS, CLOUDFLARE, FASTLY, HTTP, HTTP2, HTTPS, ESP-OVER-UDP, IKE, SPDY, SSL, WIREGUARD	IPVanish VPN is a VPN service provider.
309	IPX	Infrastructure	8021Q, ETH, IPP-GRE, HSR, LLC, SNAP	Internet Protocol Exchange (IPX) is Novell's network layer 3 protocol.
310	IPXSAP	Infrastructure	IPX	Service Advertisement Protocol (SAP) allows servers to advertise their services to clients in a Novell network.
311	IQ-CAN	Infrastructure	TCP	iQ-CAN is a control software for Automated Vehicles in factories from Savant Automation (AGV).
312	IQIYI	Web	AKAMAI-SSL, AMAZON-AWS, BAIDU, HTTP, HTTP2, HTTP-PROXY, HTTPS, QUIC, SPDY, SSL, TANX, TCP, UDP	Online video publishing platform very popular in China.
313	IRC-TRANSFER	Infrastructure	TCP	This protocol is used to transport data in IRC file transfer.
314	ISCSI	Infrastructure	TCP	Internet Small Computer Systems Interface (iSCSI), as described in RFC3720.
315	ISL	Infrastructure	BASE	InterSwitch Link Frame Format is a Cisco proprietary protocol used between network equipment of a LAN to transmit VLAN membership information of a frame.
316	ISUP	Messaging	M3UA, IPP-SCTP	ISUP (ISDN User Part) is a telephony protocol used in SS7 networks.
317	ITOP-VPN	Infrastructure	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP	iTop VPN is an anonymizing VPN edited by iTop Inc.
318	IWAREHOUSE	Infrastructure	TCP	iWarehouse is the fleet and warehouse management system of Raymond Corporation (a subsidiary of Toyota Industries that manufactures and distributes electric lift trucks). This plugin classifies the protocol of the on-board device, named Monitor.
319	IWARP	Infrastructure	TCP	IWARP (Internet Wide Area RDMA Protocol) is a protocol

				suite that implements Remote Direct Memory Access for efficient data transfer.
320	JABBER-TRANSFER	Infrastructure	TCP	Jabber transfer is an open standard to transfer files between two Jabber clients.
321	JAVA-UPDATE	Web	HTTP2, HTTP-PROXY, ORACLE, QUIC, RTSP, SIP, SPDY, SSL, STUN	Version type of updated Java.
322	JEDI	Remote-access	AMAZON, SSL, TCP	JEDI is the name of the CITRIX streaming connection protocol.
323	JITSI	Multimedia	8X8, AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL, UDP	Jitsi Meet is a product of 8x8. Jitsi is a VOIP and a Video Conferencing platform.
324	JNLP	Infrastructure	SSL, TCP, WEBSOCKET	JNLP is the protocol used to control Jenkins agents remotely. The JNLP protocol is available as a standalone library.
325	JUNIPER-MIST	Infrastructure	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL, UDP	Juniper Mist is a cloud based automated network troubleshooting service based on machine learning and Mist AI.
326	KAFKA	Infrastructure	TCP	High throughput distributed messaging system
327	KEYENCE	Infrastructure	TCP, UDP	Keyence is a manufacturer of industrial imaging devices. This plugin classifies the protocol used for image retrieval from KV-X cameras.
328	KEYENCE-BARCODE	Infrastructure	TCP	This plugin classifies the control protocol of KEYENCE Barcode Reader products, also used by their setup software (AutoID Network Navigator).
329	KUWO	Multimedia	BMFF, HTTP, HTTP2, HTTPS, KUGOO, QINIUI, QQ-WEB, QQMUSIC, RTMP, RTP, SPDY, SSL, UDP, WEBSOCKET	Kuwo provides music streaming services.
330	LAPOSTE-WEBMAIL	Web	HTTP, HTTP2, HTTPS, SPDY	Laposte Webmail is a webmail protocol.
331	LCP	Infrastructure	PPP	LCP is used to establish, configure and test the data-link connection for a PPP link. This protocol is used to automatically agree upon the encapsulation format options, handle varying limits on sizes of packets, detect a looped-back link and other common misconfiguration errors, and terminate the link. This protocol is used to establish, configure and test the data-link connection for a PPP link.
332	LIBJINGLE-PSEUDOTCP	P2P	STUN, UDP	This signature classifies Pseudo Tcp used by the libjingle on PC as well as on Mobile
333	LINE	Messaging	AKAMAI-SSL, AMAZON-AWS, BLOGIMG, HTTP, HTTP2, HTTP-PROXY, HTTPS, NAVER, QUIC, RTCP, RTP, RTSP, SIP, SPDY, SSL, STUN, TCP, UDP	Line is a Japanese Instant Messaging and Voip application for smartphones and PCs. Please note: the parent attribute 'call' and its children are deprecated for Line (since

				mid-2014) but can be extracted from SIP.
334	LINE2-COM	Messaging	HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP, WINDOWS-AZURE	Line2 (formerly Toktumi) is a telecommunication company that provides a second phone number for USA or Canada.
335	LIVE-GROUPS	Web	HTTP, HTTP2, HTTPS, MICROSOFT, SPDY, SSL	Windows Live Groups is an online service by Microsoft that enables users to create their social groups for sharing, discussion and coordination.
336	LLC	Infrastructure	8021Q, 802-11, ETH, HSR, UDP	The IEEE 802.2 Logical Link Control (LLC) protocol provides a link mechanism for upper layer protocols encapsulated in a frame. LLC type I service provides a datalink connectionless mode service, while LLC type II provides a connection-oriented service at the datalink layer.
337	LLDP	Infrastructure	8021Q, ETH, HSR	Link Layer Discover Protocol (LLDP) is L2 protocol allowing device to advertise their configuration to another device of a LAN.
338	LLRP	Infrastructure	TCP	Protocol used for communication with RFID readers.
339	LOL-GAME	Gaming	AKAMAI-SSL, AMAZON-AWS, CLOUDFLARE, FASTLY, GARENA, HTTP, HTTP2, HTTPS, QQ-WEB, RIOT-GAMES, SPDY, SSL, UDP	League of Legends is a popular Multiplayer Online Battle Arena video game developed by Riot Games.
340	LOTRO	Gaming	HTTP, HTTP2, HTTPS, SOAP, SPDY, SSL, UDP	The Lord of the Rings Online is a video game of type MMORPG inspired of the world of The Lord of the Rings.
341	LOTUS-SAMETIME	Messaging	HTTP, HTTP2, HTTPS, SPDY, TCP	IBM Lotus Sametime is a client-server application and middleware platform that provides real-time, unified communications and collaboration for enterprises.
342	LQR	Infrastructure	PPP	The Link Quality Report (LQR) protocol is a part of the Point-to-Point Protocol (PPP), which allows two computers to connect to each other. LQR allows peers at either end of the PPP link to assess the state and quality of the PPP link.
343	M2PA	Infrastructure	IPP-SCTP	M2PA is a signaling peer-to-peer protocol used by MTP2 in the Signaling System 7 (SS7).
344	M3UA	Infrastructure	IPP-SCTP	M3UA enables SS7 protocols stacking (ISUP, SCCP, ...) over an IP network.
345	M800	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, RTCP, RTP, SPDY, SSL, STUN	M800 provides communication products and solutions.
346	MANDRIVA-UPDATE	Web	HTTP, HTTP2, HTTPS, SPDY	Information list about the debian archive
347	MANGO-TV	Multimedia	AMAZON-AWS, APPLE-HLS, BMFF, DTLS, HTTP, HTTP2, HTTPS, MPEGTS,	Mango TV is a Chinese online video platform.

			QQ-WEB, RTP, SPDY, SSL, STUN, WEBRTC	
348	MAPI	Messaging	DCERPC, HTTP, HTTP2, HTTPS, KRB5, MSRPC, OFFICE365, SPDY	MS Exchange Message API is a protocol used by Exchange clients to retrieve their emails.
349	MAXDB	Infrastructure	TCP	SAP MaxDB is an SQL compliant database.
350	MCS	Infrastructure	COTP	Multipoint Communication Service (MCS) is a multipoint data delivery service for use in multimedia and audiovisual conferencing service. It provides the mechanism for multipoint aware applications to send data to all or a subset of the group with a single send primitive and to force, if desired, a uniformly sequenced reception of data for all users.
351	MEGA	Web	DTLS, HTTP, HTTP2, HTTPS, RTP, SPDY, SSL, STUN, WEBRTC	MEGA is a online file sharing service from Kim Dotcom. This service replaced the Megaupload file sharing service, closed on Jan 2012.
352	MELON-VPN	Infrastructure	AMAZON-AWS, EVASIVE-PROTOCOL, GCP, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP	Melon VPN is an anonymisation VPN service provider.
353	MELSEC	Infrastructure	TCP, UDP	Melsec is a range of PLC by Mitsubishi. This plugin classifies communications with GX Works for a Melsec-Q device.
354	MERCURY-MSP	Infrastructure	TCP, UDP	This plugin classifies Mercury Security controllers communication protocol with TLS disabled. Mercury security controllers manage physical access control (doors and card readers) to buildings.
355	META-GEN	Web	AKAMAI-SSL, AMAZON-AWS, BMFF, DTLS, GOOGLE-GEN, HTTP, HTTP2, HTTP3, HTTP-PROXY, HTTPS, LLNWD, MICROSOFT, QUIC, RTCP, RTMP, RTP, SPDY, SSL, STUN, TCP, UDP, WEBRTC, WEBSOCKET, WINDOWS-AZURE, ZYNGA	This protocol is a generic layer used as a base for all the services and applications provided by the company Meta (formerly known as Facebook).
356	META-QUEST	Gaming	FACEBOOK-ACCESS, FACEBOOK-MESSENGER, HTTP, HTTP3, HTTPS, META-GEN, RTP, SSL, UDP	Meta Quest is the Facebook VR headset. This plugin classifies Horizon Workrooms, Horizon Worlds traffic and calls traffic using the Meta Quest headset.
357	MEWE	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL, TWILIO, ZENDESK	MeWe is a social network platform.
358	MILLER-CENTERPOINT	Infrastructure	TCP	Miller Insight Centerpoint is a welding station real time data collector. This plugin classifies communications with several Miller welding stations.
359	MMS-ISO	Infrastructure	ACSE, COTP	ISO 9506 Manufacturing Message Specification (MMS).

360	MNDP	Infrastructure	UDP	MNDP (MikroTik Neighbor Discovery protocol) is a discovery protocol allowing to identify other devices compatible with MNDP.
361	MOBILE-IP	Infrastructure	UDP	Mobile IP is an 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.
362	MOBILE-LEGENDS	Gaming	HTTP, MOONTON, SSL, YOUNE	Mobile Legends is an online multi-player video game.
363	MOBILINK	Infrastructure	TCP	Mobilink is a proprietary, binary, TCP based protocol which is used to synchronize the contents of multiple mobile client databases with a central SQL Server. The clients can run on smartphones, Java applets, etc., in addition to PC computers.
364	MODBUS-RTU	Infrastructure	TCP, UDP	Traffic related to Modbus Remote Terminal Unit (RTU), a distributed control system used in industrial process control. The Modbus RTU communications can be sent to the network using a basic RS485 to TCP adapter.
365	MONERO	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP	Classification of traffic related to cryptocurrency Monero (XMR) mining and web traffic from web site.
366	MOONTON	Gaming	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP	Moonton is a video game editor.
367	MOXA-ASPP	Infrastructure	HTTP2, HTTPS, SPDY, SSL, TCP	This plugin classifies ASPP (Async Server Proprietary Protocol) from Moxa (NPort devices) without activation of encryption.
368	MPEGTS	Multimedia	HTTP, HTTP2, HTTP-PROXY, HTTPS, RTP, SPDY, TCP, UDP	MPEG transport stream is a standard for audio/video streaming.
369	MPLS	Infrastructure	8021Q, ETH, HSR, MPLS, NSH	Multiprotocol Label Switching (MPLS) is an Internet Engineering Task Force (IETF) protocol. It is used for routing and allows you to define a delivery path to a flow identified by a specific label.
370	MQ	Infrastructure	TCP	Mq (IBM Websphere MQ) is an inter-application communication protocol.
371	MQTT	Infrastructure	TCP, WEBSOCKET	MQTT (MQ Telemetry Transport) is a machine-to-machine (M2M)/"Internet of Things" connectivity protocol. It was designed as an extremely lightweight publish/subscribe messaging transport. It is useful for connections with remote locations where a small code footprint is required and/or

				network bandwidth is at a premium.
372	MS-AD	Infrastructure	KRB5, LDAP, LDAPS, MS-ADWS, MS-DRSR, MS-LSAD, MS-NETLOGON	Microsoft Active Directory is a directory service for IT infrastructure. This includes the Windows Domain Controller.
373	MS-AD-RMS	Infrastructure	HTTP, HTTP2, HTTPS, SOAP, SPDY, SSL	Right Management Service is a Microsoft right management service for files and Office documents based on a central server linked to the Active Directory which acts like a DRM license server. Support of this protocol cover both client-to-server and server-to-server requests but is limited to HTTP configurations.
374	MS-ADWS	Infrastructure	MS-NMF	Microsoft Active Directory Web services are used for the administrative tasks on an Active Directory.
375	MS-DIME	Infrastructure	TCP	Direct Internet Message Encapsulation (DIME) is a lightweight binary format to encapsulate a binary payload along with its type. This plugin handles version 1 of Dime.
376	MS-HYPERV	Remote-access	MS-PSRP, TCP	Microsoft Hyper-V is a native hypervisor; it can create virtual machines on x86-64 systems running Windows.
377	MS-KMS	Infrastructure	MSRPC	Key Management Service (KMS) activates computers on a local network, eliminating the need for individual computers to connect to Microsoft. To do this, KMS uses a client server topology.
378	MS-NMF	Infrastructure	TCP	.NET Message Framing Protocol, also known as its URI scheme 'tcp.net', is a Microsoft framing protocol for TCP. It also enables port sharing between several applications.
379	MS-NRTP	Infrastructure	TCP	The .NET Remoting Protocol (MS-NRTP) is an RPC library for .NET applications. This plugin classifies MS-NRTP serialized by MS-NRBF over TCP.
380	MS-PSRP	Infrastructure	GOOGLE-GEN, HTTP, HTTP2, HTTPS, SPDY, TCP	Client applications use the Microsoft PowerShell Remoting Protocol (MS PSRP) to send pipelines of commands to a server system over a network for execution by the server.
381	MS-SSAS	Infrastructure	SOAP	Microsoft SQL Server Analysis Services (MS-SSAS) is SQL Server's optional component for OnLine Analytical Processing (OLAP). This plugin classifies XMLA (XML for Analysis) which is a SOAP protocol for accessing those databases.

382	MS-SSRP	Infrastructure	UDP	Microsoft SQL Server Resolution Protocol (MC-SQLR) is a discovery protocol for Microsoft SQL Server instances.
383	MS-TEAMS	Messaging	BING, HTTP, HTTP2, HTTPS, OFFICE365, ONEDRIVE, SPDY, SSL, TCP, UDP	Microsoft Teams is the chat-based workspace in Office 365. Most of the application traffic is classified as skype or office365.
384	MS-WINRM	Infrastructure	SOAP, SSL	Windows Remote Management (WinRM) is Microsoft's implementation of WS-Management Protocol, allowing remote administration of Windows servers.
385	MUMBLE	Messaging	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL, UDP	Mumble is an open source, low-latency, high quality voice chat software primarily intended for use while gaming.
386	NATIONAL-K-SONG	Multimedia	HTTP, SSL, TCP, TENCENT, UDP	National K Song is a karaoke application owned by Tencent. The international version is named WeSing.
387	NBNS	Infrastructure	8021Q, IPP-GRE, IPX, LLC, TCP, UDP	NetBios Name Service (NBNS) is a protocol resulting from NetBios, and which makes it possible to manage the names in a Microsoft NetBios network. NetBios names are human readable and NBNS serves the same purpose as the DNS system in IP environments.
388	NDMP	Infrastructure	RPC, TCP	NDMP (Network Data Management Protocol) is an open protocol for enterprise-wide network-based backup over TCP.
389	NETBIOS	Infrastructure	HSR, IPX, LLC, TCP, UDP	NetBIOS defines a software interface and standard methods providing a communication interface between the application program and the attached medium. NetBIOS is used in various LAN (Ethernet, Token Ring etc) as well as WAN environments such TCP/IP, PPP and X.25 networks.
390	NETFLOW	Infrastructure	UDP	NetFlow is a Cisco protocol that provides nearly real-time traffic monitoring, aggregation and statistic evaluation, multicriteria data flow selection, using source/destination IP addresses, protocols, etc.
391	NETMEETING-ILS	Messaging	LDAP, MS-AD	Netmeeting ILS is the protocol used between Netmeeting and Internet Locator Servers (ILS). Netmeeting is a VoIP and multi-point videoconferencing client included in many versions of Microsoft Window. An Internet Locator Server (ILS)

				is a directory used to find other users and facilitate rendezvous.
392	NFS4	Infrastructure	RPC	The NFS protocol provides transparent remote access to shared file systems across networks as described in RFC 7530 and 7531. This plug-in only classifies the version 4.0 of NFS.
393	NOD32-UPDATE	Web	HTTP, HTTP2, HTTPS, SPDY	Virus definitions and engine updates for the ESET NOD32 anti-virus.
394	NORDVPN	Infrastructure	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, ESP-OVER-UDP, IKE, SPDY, SSL, TCP, UDP, WIREGUARD, ZENDESK	NordVPN is a VPN service distributed by Nord Security.
395	NORTON-UPDATE	Web	HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL	Virus definitions and engine updates for the Symantec Norton anti-virus.
396	NVIDIA	Web	ADOBE, AMAZON-AWS, DISQUS, GCP, HTTP, HTTP2, HTTPS, ORACLE, RTP, SALESFORCE, SPDY, SSL, UDP	Nvidia is technology company. This plugin classifies website traffic.
397	ODYSSEY	Infrastructure	HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, MSSQL	Odyssey by Tyler technologies is an end-to-end Courts and Justice software solution. This plugin classifies the local web application server.
398	OFFICE365	Web	AKAMAI-SSL, AMAZON-AWS, ATCLASSIAN, DTLS, HTTP, HTTP2, HTTP3, HTTP-PROXY, HTTPS, IMAPS, MICROSOFT, QUIC, RTCP, RTP, SIGNALR, SMTPS, SOAP, SPDY, SSL, STUN, UDP, WEBRTC, WEBSOCKET, WINDOWS-AZURE	Office 365 is a Microsoft on-line service, with pay-as-you-go subscription (monthly or annually), giving access to many Microsoft Office applications from the internet, as well as cloud storage, Skype communications, etc. It also gives free access to the on-line version of the most popular Office applications (Word, Excel, Powerpoint).
399	OMEGLE	Messaging	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL	Omegle is an online text or video chat website that connects people randomly.
400	OMNICAST	Multimedia	HTTP, HTTP2, HTTPS, RTP, RTSP, SPDY, TCP, UDP	Omnicast is an IP CCTV (closed-circuit television) collector, storage and visualization product. This plugin classifies http and rtsp flows of Omnicast. Protocols specific to cameras are not handled by this plugin.
401	OMRON-FINS	Infrastructure	TCP, UDP	Omron FINS Protocol is SCADA protocol to communicate with PLC.
402	OMRON-NBDESIGNER	Infrastructure	UDP	This plugin classifies project upload from NBDesigner software to a compliant Omron Programmable Terminal.
403	ONEDRIVE	Web	BING, HTTP, HTTP2, HTTPS, MICROSOFT, OFFICE365, QUIC, SHAREPOINT-ONLINE, SPDY, SSL, WINDOWS-AZURE	OneDrive (previously SkyDrive, Windows Live SkyDrive, and Windows Live Folders) is a file hosting service. Important: most of the traffic is encrypted with generic Microsoft

				certificates. The classification of this service then needs non-encrypted traffic to be injected.
404	ONGUARD-CLIENT	Infrastructure	DCERPC, TCP	OnGuard is a product from Lenel for managing physical security of buildings. This plugin classifies the connection from the client software to the server.
405	OPC-CLASSIC	Infrastructure	DCERPC, KRB5, MSRPC	OPC Classic is specifications based on Microsoft Windows technology, using COM/DCOM for communication among software components in a distributed client-server network.
406	OPENVPN	Infrastructure	HTTP2, HTTP-PROXY, HTTPS, NORDVPN, SPDY, SSL, TCP, UDP	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.
407	OPENWIRE	Infrastructure	TCP	OpenWire is the native protocol of Apache ActiveMQ, a message-passing middleware.
408	OPERA-UPDATE	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL	Opera Update is the protocol used for the update of the Opera browser.
409	ORACLE-BI	Infrastructure	EUROPEAN-UNION-PORTAL, HTTP, HTTP2, HTTPS, SPDY	Oracle BI is a Business Intelligence suite. This plugin classifies the web application's HTTP server.
410	ORB	Web	TCP, UDP	ORB is a streaming software that enables users to remotely access all their personal digital media files.
411	OVSOLUTIONS	Infrastructure	NUSP	This plugin classifies OV Solutions Server traffic. OV Solutions company provides surveillance equipment and software like NVR (Network Video Recording).
412	PAGERDUTY	Infrastructure	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL, ZENDESK	PagerDuty is an incident response SaaS.
413	PALTALK	Messaging	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL, TCP, UDP	Paltalk is an instant messaging protocol.
414	PALTALK-AUDIO	Multimedia	TCP	Proprietary protocol used by Paltalk in audio chats.
415	PALTALK-TRANSFER	Infrastructure	TCP	Paltalk is an instant messaging protocol.
416	PALTALK-VIDEO	Multimedia	TCP	Proprietary protocol used by Paltalk in video.
417	PALWORLD	Gaming	GCP, HTTP, HTTP2, HTTPS, RTP, SPDY, SSL, STUN, UDP, WEBRTC	Palworld is a videogame created and published by Japanese developer Pocket Pair.
418	PAP	Infrastructure	PPP	The Password Authentication Protocol (PAP) provides a

				simple authentication method over a PPP link.
419	PATH-OF-EXILE	Gaming	CLOUDFLARE, HTTP, HTTP2, HTTPS, PSN, SPDY, SSL, TCP	Path of Exile is a free online-only action RPG.
420	PCCC	Infrastructure	CIP, ENIP	PCCC stands for "Programmable Controller Communication Commands", it is used to control software running in Programmable Logic Controller (PLC). PCCC traffic can be hardware specific, this plugin addresses traffic generated by Rockwell/Allen-Bradley to talk to SLC5, PLC5E and MicroLogix PLC for service.
421	PCOIP	Remote-access	UDP	PCoIP (PC-over-IP) is a remote display protocol.
422	PI-DATA	Infrastructure	TCP	OSI PI DataArchive and Server SCADA protocol (ProcessBook, Datalink, etc.).
423	POKEMON-UNITE	Gaming	AMAZON-AWS, GOOGLE-APPENGINE, HTTP, HTTP2, HTTPS, QQ-GAMES, SPDY, SSL, UDP	Pokemon Unite is a multiplayer online battle arena game developed by TiMi Studio Group a subsidiary of Tencent Games.
424	POKER-STARS	Gaming	HTTP, HTTP2, HTTPS, SPDY, SSL	Poker Stars is an online poker cardroom.
425	POP3S	Messaging	SSL	Secure version of the POP3 protocol.
426	PP	Infrastructure	SP	ISO 8823/X.226 OSI PRESENTATION PROTOCOL (PP).
427	PPFILM	Web	HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL, TCP, UDP	PP Film (aka PIPI.cn or PIPI Player) is a Chinese peer-to-peer and VOD service.
428	PPLIVE	Multimedia	HTTP, HTTP2, HTTPS, SPDY, TCP, UDP	PPLIVE is an application intended to watch TV in peer-to-peer. The PPLIVE application has two main functions: live TV (streaming) and on-demand TV (VOD). These are two different protocols. This protocol plug-in handles both.
429	PPP	Infrastructure	IPP-GRE, HSR, IPP-L2TP, PPPOE	PPP (Point-to-Point Protocol) is a link layer protocol used for transferring data along a Point to Point link. It provides dynamic IP addressing, password support, error checking, and multiple protocols transmission on the same link.
430	PPPOE	Infrastructure	8021Q, ETH, HSR	PPP over Ethernet (PPPoE) provides the ability to connect a network of hosts over a simple bridging access device to a remote Access Concentrator.
431	PPSTREAM	Multimedia	HTTP, HTTP2, HTTP-PROXY, HTTPS, IQIYI, QUIC, SPDY, SSL, TCP, UDP	The PPStream protocol provides audio and video streaming. It is based on bittorrent (peer-to-peer) technology. It is mainly used in China. The PPStream activity was integrated in the iQiyi

				video platform by Baidu in 2013.
432	PROTONMAIL	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP, ZENDESK	Proton is a Swiss privacy-focused technology company known for Proton Mail, an end-to-end encrypted webmail. This plugin classifies Proton website, the webmail and mail applications.
433	PROTONVPN	Infrastructure	AMAZON-AWS, CLOUDFLARE, EVASIVE-PROTOCOL, HTTP, HTTP2, HTTPS, SPDY, SSL, WIREGUARD	ProtonVPN is an anonymizing VPN edited by Swiss company Proton AG.
434	PSIPHON	Web	AMAZON-AWS, CLOUDFLARE, EVASIVE-PROTOCOL, HTTP, HTTP2, HTTP3, HTTPS, QUIC, SPDY, SSH, SSL, TCP, UDP	Internet proxy/redirector which allows uncensored access to web content.
435	PSN	Gaming	AKAMAI-SSL, AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, LLNWD, SPDY, SSL, UDP	PlayStation Network (PSN) is the on-line gaming service for consoles made by Sony.
436	PSYONIX	Web	AMAZON-AWS, CLOUDFLARE, GCP, HTTP, HTTP2, HTTPS, PSN, QUIC, SPDY, SSL	Psyonix is a game editor.
437	PUBG	Gaming	AKAMAI-SSL, AMAZON-AWS, HTTP, HTTP2, HTTPS, QQ, QQ-GAMES, SPDY, SSL, TCP, UDP, UNREAL-ENGINE, VIVOX	PlayerUnknown's BattleGrounds is a First Personal Shooter (FPS) online video game.
438	PWE	Infrastructure	MPLS	Pseudo Wire Emulation (PWE) is a protocol for traffic encapsulation.
439	Q931	Multimedia	TCP	The Q.931 protocol enables the use of voice and image on networks for video conferencing. It provides no flow control, however, or retransmission, since the underlying layers are assumed to be reliable and the circuit-oriented nature of ISDN allocates bandwidth in fixed increments of 64 kbps. Q.931 does manage connection setup and close. Like TCP, Q.931 documents both the protocol itself and a state machine.
440	QQ	Messaging	HTTP, QQ-WEB, SSL	QQ is the most popular free instant messaging computer program in China.
441	QQ-GAMES	Web	HTTP, HTTP2, HTTPS, QQ-BROWSER, QQ-WEB, SPDY, SSL, TCP, TENCENT, UDP	Game applications and web portal for Tencent games.
442	QQ-R2	Gaming	HTTP, QQ-GAMES, QQ-WEB, QQDOWNLOAD, SSL	QQ r2 is an online multiplayer game from Tencent. The game provides different services: multiple games, chat and web browsing.
443	QQ-SPEED	Gaming	QQ-WEB, TENCENT	QQ speed is an online multiplayer racing game from Tencent.
444	QQ-WEB	Web	AKAMAI-SSL, ALIBABA-CLOUD, AMAZON-AWS,	QQ.com is a multi-service Chinese web portal hosted by

			APPLE-HLS, BAIDU, BITTORRENT, BMFF, CDNETWORKS, CLOUDFLARE, DATA-SAVER, FLASH, GCP, HTTP, HTTP2, HTTP3, HTTP-PROXY, HTTPS, MPEGTS, QUIC, RTMP, SOAP, SOCKS4, SOCKS5, SOGOU, SOSO, SPDY, SSL, STUN, TCP, TENCENT, TENCENT-APPSTORE, TENCENT-MAP, TENCENT-VIDEO, UDP, XINNET	Tencent. Wechat traffic could appears on QQ Web.
445	QQDOWNLOAD	Web	HTTP, QQ-WEB, SSL	QQDownload is a Chinese download manager. Its purpose is to download files quickly using HTTP or the BitTorrent protocol.
446	QQMUSIC	P2P	HTTP, NATIONAL-K-SONG, QQ-BROWSER, QQ-WEB, QQDOWNLOAD, QQVIDEO, SSL, UDP	QQMusic is a Chinese peer-to-peer file sharing software. Its purpose is to download/stream audio files.
447	QQSTREAM	P2P	QQ-WEB	QQStream is a Chinese peer-to-peer file sharing software. QQstream is a meta protocol which contains data stream of QQLive, QQ games and QQMusic.
448	QUAKE	Gaming	UDP	Quake is a protocol allowing communication between Quake Clients and Quake servers.
449	QUIC	Web	UDP	QUIC is an open networking protocol developed primarily at Google for transporting web content.
450	QUTOUTIAO	Web	BMFF, HTTP, HTTP2, HTTPS, QINI, SPDY, SSL, TCP, UDP	Qu Toutiao ("Fun Headlines") is a Chinese mobile content aggregator.
451	QZONE	Web	HTTP, QQ-WEB, SSL, TCP	Tencent social network.
452	RABBITMQ	Infrastructure	AMQP, ERLANG-DISTRIBUTION, HTTP, HTTP2, HTTPS, MQTT, SPDY, SSL, STOMP, TCP	RabbitMQ is an open-source Message Broker. This plugin classifies local server deployment when the client protocol identifies the server.
453	RADMIN	Remote-access	TCP	Radmin is a control software which is able to establish a remote secure connection between computers.
454	RAINBOW6	Gaming	AKAMAI-SSL, AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL, UBISOFT, UDP, VIVOX, WINDOWS-AZURE	Rainbow Six Siege is a multiplayer online shooting video game published by Ubisoft.
455	RAKNET	Gaming	UDP	RakNet is networking middleware for multiplayer game network engine (used by Roblox, Minecraft...).
456	RAMBLER	Web	HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL	Rambler is a Russian information internet portal.
457	RANAP	Infrastructure	SCCP-SS7	RANAP (Radio Access Network Application Part) is used in RAN (Radio Access Network). It is responsible for the signaling service between UTRAN (Universal Terrestrial Radio

				Access Network) or GERAN (GSM Edge Radio Access Network).
458	REDHAT-UPDATE	Web	HTTP, REDHAT, SSL	redhat_update plugin classifies traffic over HTTP for RPM Package Manager for many distributions like RedHat, CentOS and traffic on cdn.redhat.com
459	REDIS	Infrastructure	TCP	Redis is a data structure server. It is open-source, networked, in-memory, and stores keys with optional durability.
460	RETROSHARE	P2P	SSL	Retroscore is a communication and file-sharing Open-Source platform which is secured and decentralized.
461	RING	Web	AMAZON, AMAZON-AWS, HTTP, HTTP2, HTTPS, RTP, SPDY, SSL	Ring is a company owned by Amazon providing home security and smart home devices. This plugin classifies the Ring Doorbell, the website and mobile applications traffic.
462	RIP1	Infrastructure	UDP	RIP1 (Routing Information Protocol Version 1) is a Distance Vector routing protocol used in Inter Autonomous Systems.
463	RIP2	Infrastructure	UDP	RIP2 (Routing Information Protocol Version 2) is an enhancement of the Version 1 of the protocol. The main differences are the use of multicast instead of broadcast, and the support of variable length subnet masks since these are now sent inside the updates.
464	RIPNG1	Infrastructure	UDP	RIPng (RIP New Generation) is intended to allow routers to exchange information for computing routes through an IPv6-based network. RIPng is a distance vector protocol. RIPng should be implemented only in routers since IPv6 provides other mechanisms for router discovery.
465	RMCP	Infrastructure	UDP	The Remote Management and Control Protocol (RMCP) is a server management protocol for remote access to IPMI (Intelligent Platform Management Interface). This plugin classifies RCMP+.
466	RMI-IIOP	Infrastructure	IIOP	RMI-IIOP (Remote Method Invocation over Internet Inter-ORB Protocol) delivers CORBA distributed architecture to Java 2 platform, using both remote method invocation system RMI and IIOP protocol.
467	ROCKET-LEAGUE	Gaming	GOOGLE-APPENGINE, HTTP, HTTP2, PSYONIX, QUIC, SSL, UDP	Rocket League is a game made by Psyonix. This signature only classifies match making signalization streams. This

				enables to block the online game workflow.
468	ROCKWELL-RNA	Infrastructure	TCP	Rockwell Network Applications (RNA) is Rockwell implementation of Windows DNA-M and is used for communication between Rockwell FactoryTalk products.
469	ROCKWELL-THINMANAGER	Infrastructure	TCP	Protocol used by Rockwell ThinManager (a centralized management software that seamlessly integrates with industrial computers and thin clients) for passing configuration parameters to compatible thin clients.
470	ROUGHTIME	Infrastructure	UDP	Roughtime is a secure time synchronization protocol.
471	RTCP	Multimedia	STUN, TCP, UDP	The Real-time Transport Control Protocol (RTCP) allows monitoring of the data delivery in a manner scalable to large multicast networks, and to provide minimal control and identification functionality. This plug-in also classifies the encrypted profile of RTCP, known as SRTCP.
472	RTP	Multimedia	DTLS, HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, STUN, TCP, UDP	RTP is the real-time transport protocol used to transmit real-time data, such as audio, video or simulation data, over multicast or unicast network services. This signature also classifies the SRTP and ZRTP encrypted transport protocols.
473	RTSP	Multimedia	HTTP, HTTP2, HTTPS, SPDY, TCP	The Real Time Streaming Protocol ((RTSP RTSP)) is an application-level protocol for control over the delivery of data with real-time properties. (RTSP RTSP) provides an extensible framework to enable controlled, on-demand delivery of real-time data, such as audio and video.
474	S1AP	Infrastructure	IPP-SCTP	S1 Application Protocol (S1AP), as described in 3GPP TS 36.413 version 11.2.1 Release 11 (2013-02).
475	S7COMM	Infrastructure	COTP	S7comm (S7 Communication) is a Siemens proprietary protocol that runs between programmable logic controllers (PLCs) of the Siemens S7-300/400 family. It is used for PLC programming, exchanging data between PLCs, accessing PLC data from SCADA (Supervisory Control and Data Acquisition) systems and diagnostic purposes.
476	S7COMM-PLUS	Infrastructure	COTP	S7communication Plus is a Siemens proprietary protocol for Siemens' Programmable Logic Controllers (PLC).

477	SALESFORCE	Web	AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL, WORKDAY	Salesforce is an on-line customer relationship management (CRM) web product.
478	SAP	Infrastructure	AKAMAI-SSL, HTTP, HTTP2, HTTPS, SOAP, SPDY, SSL, TCP	SAP is an Enterprise Resource Planning (ERP). This plugin classifies the SAP Dynamic Information and Action Gateway (DIAG) protocol, and the SAP Netweaver web server.
479	SCCP-SS7	Infrastructure	M3UA	SCCP is a network layer protocol that provides routing, flow control or error detection services in SS7 networks.
480	SENTINEL-RMS	Infrastructure	HTTP, HTTP2, HTTPS, SPDY, UDP	Sentinel Rights Management System (RMS) is a license manager from Thales. This plugin classifies the communication from the client to the local license server.
481	SHAHID-NET	Multimedia	AKAMAI-SSL, HTTP, MEBC, SSL	Shahid is an Arabic VOD service owned by MBC Group (Middle East Broadcasting Center). See also 'Mebc' in Protobook.
482	SHARE	P2P	TCP	Share is a free peer-to-peer application allowing users to exchange files anonymously and in a secure way.
483	SHAREPOINT-ADMIN	Web	SHAREPOINT	SharePoint is a web application platform designed as a centralized replacement for multiple web applications, like content management and document management systems. This plug-in classifies the administration back-end of SharePoint.
484	SHAREPOINT-BLOG	Web	SHAREPOINT	SharePoint is a web application platform designed as a centralized replacement for multiple web applications, like content management and document management systems. This plug-in classifies the blog management module of SharePoint.
485	SHAREPOINT-CALENDAR	Web	SHAREPOINT	SharePoint is a web application platform designed as a centralized replacement for multiple web applications, like content management and document management systems. This plug-in classifies the calendar management module of SharePoint.
486	SHAREPOINT-DOCUMENT	Web	SHAREPOINT	SharePoint is a web application platform designed as a centralized replacement for multiple web applications, like content management and document management systems. This plug-in classifies the document management module of SharePoint.

487	SIEMENS-ALM	Infrastructure	TCP	Licence distribution protocol from Siemens Automation License Manager, used in SIMATIC products.
488	SIEMENS-APOGEE	Infrastructure	TCP	This plugin classifies the main data protocol used by Siemens Apogee HVAC product line. This device also uses BACnet and other control protocols that are not covered here.
489	SIGNAL-PRIVATE-MESSENGER	Messaging	AMAZON-AWS, CLOUDFLARE, GCP, HTTP, HTTP2, HTTPS, RTCP, RTP, SPDY, SSL, STUN, TCP, WEBRTC, ZENDESK	Signal Private Messenger is an instant messaging mobile application that implements the Signal secured protocol.
490	SIGNIANT	Infrastructure	AMAZON-AWS, GCP, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP	Media Shuttle is a cloud-based file sharing solution from Signiant targeting high volume transfers. It has enterprise workflows management capabilities. This plugin classifies Signiant web site, MediaShuttle web interface, Signiant file transfer protocol.
491	SILOTRACK	Infrastructure	TCP	SiloTrack is the management software for Monitor Technologies industrial devices to measure material level in a silo or a vessel tank. This plugin classifies the ciphered on TCP/3451 communications between the client and the server connected to the device.
492	SIP	Multimedia	AIM, AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL, STUN, TCP, UDP	Session Initiation Protocol (SIP) is the Internet Engineering Task Force's (IETF's) standard for multimedia conferencing over IP. Like other VoIP protocols, SIP is designed to address the functions of signaling and session management within a packet telephony network.
493	SKYPE	Messaging	AMAZON-AWS, HTTP, HTTP2, HTTP-PROXY, HTTPS, MICROSOFT, OFFICE365, RTCP, RTP, SIP, SPDY, SSL, STUN, TCP, UDP, WEBRTC, WEBSOCKET, WINDOWS-AZURE	Skype is an instant messaging and voice over IP application edited by Microsoft.
494	SKYVPN	Infrastructure	AMAZON-AWS, BMFF, EVASIVE-PROTOCOL, HTTP, HTTPS, ICMP, SSL, TCP, UDP	SkyVpn encrypts your data to secure your connection as a VPN using domain fronting and encrypted traffic.
495	SLACK	Web	ADOBE, AMAZON-AWS, AMAZON-CHIME, ATLISSIAN, FASTLY, GCP, HTTP, HTTP2, HTTP-PROXY, HTTPS, QUIC, RTCP, RTP, SPDY, SSL, STUN, TCP, TRELLO, UDP, WEBEX, WEBRTC, ZENDESK	Slack is an online team collaboration tool, featuring both a web browser application and mobile apps.
496	SLINGBOX	Multimedia	AKAMAI-SSL, HTTP, HTTP2, HTTPS, SPDY, SSL	Slingbox is a streaming protocol over the Internet used to watch and control TV shows received from your home devices. Slingbox servers

				permanently offline November 9, 2022 but still supports other products that continue to use this technology.
497	SLMP	Infrastructure	TCP, UDP	Seamless Message Protocol (SLMP) is for the control of Mitsubishi PLC devices.
498	SMB-DIRECT	Infrastructure	IWARP	SMB Direct protocol is a transmission protocol which allows higher throughput when exchanging data using SMB.
499	SMTP	Messaging	SOCKS4, SOCKS5, TCP	The Simple Mail Transfer Protocol (SMTP) is a protocol used to transfer emails reliably and efficiently.
500	SNA	Infrastructure	8021Q, ETH, HSR, LLC, PPP, UDP	SNA (Systems Network Architecture) is an IBM's mainframe network standards.
501	SNAP	Infrastructure	LLC	Sub-Network Access Protocol (SNAP) is a protocol encapsulated in the LLC protocol enabling the encapsulation of a greater number of protocols in Ethernet II frames.
502	SNAPCHAT	Web	AMAZON-AWS, CLOUDFLARE, GCP, GCS, GOOGLE-APPENGINE, GOOGLE-GEN, HTTP, HTTP2, HTTPS, ITUNES, MAPBOX, QUALTRICS, QUIC, RTCP, RTP, SALESFORCE, SPDY, SSL, STUN, WEBRTC, ZENDESK	Snapchat is a photo/video sharing service. This plugin also classifies Snap Kit web interface.
503	SNAPMIRROR	Infrastructure	TCP	This plugin classifies SnapMirror relationship protocol for data transfer only, thus protocol related to replication of snapshots between any two ONTAP systems.
504	SNMP	Infrastructure	HPELLC, UDP	SNMP is a request/response protocol that communicates management information between two types of SNMP software entities: SNMP applications (also called SNMP managers) and SNMP agents.
505	SNOW	Messaging	HTTP, HTTP2, HTTPS, ITUNES, NAVER, SPDY, SSL, THRIFT	SNOW is a smartphone camera application.
506	SNPP	Infrastructure	TCP	This protocol defines a method by which a pager can receive a message over the Internet
507	SOCOMEK	Infrastructure	TCP	Socomec is a manufacturer for industrial power networks. This plugin classifies the monitoring socket of the Silverlight user interface for the PassIP+ gateway to the proprietary ISOM bus. It is used for insulation fault detection.
508	SOFTETHER-VPN	Infrastructure	AMAZON-AWS, CLOUDFLARE, DNS, EVASIVE-PROTOCOL, HTTP, HTTP2, HTTPS, ICMP, SPDY, SSL, UDP	SoftEther VPN is a VPN client and VPN server software. This plugin classifies the traffic between SoftEther VPN Client and SoftEther VPN Server.

509	SOLIDWORKS	Web	AKAMAI-SSL, AMAZON-AWS, CLEARSPACE, DISQUS, FLEXERA, HTTP, HTTP2, HTTPS, ORACLE, SPDY, SSL, TCP, MSSQL	This plugin Classifies SolidWorks collaboration servers and Solidworks website. Solidworks is a CAD (Computer-Aided Design) suite from Dassault Systems.
510	SONMP	Infrastructure	SNAP	Nortel/SynOptics Network Management Protocol is a proprietary Nortel Networks management protocol.
511	SOPCAST	Multimedia	HTTP, HTTP2, HTTPS, SPDY, UDP	Sopcast is a video streaming service based on a peer-to-peer protocol: SOP (Streaming Over Peer-to-peer).
512	SP	Infrastructure	COTP	ISO 8327-1/X.225 OSI Session Protocol (SP).
513	SPEEDTEST	Web	AKAMAI-SSL, AMAZON-AWS, CLOUDFLARE, FASTLY, GCP, HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL, TCP, TELE2, TELENOR, UDP, WEBSOCKET	Speedtest by Ookla is a web service for testing both bandwidth and latency of any internet connection.
514	SPICE	Remote-access	TCP	SPICE, Simple Protocol for Independent Computing Environments, is a VDI protocol for remote desktop, open-sourced by Red Hat. It is used in virtualization platforms based on Libvirt.
515	SPID	Behavioral	SOCKS4, SOCKS5, TCP, UDP	SPID (Statistical Protocol IDentification) is a statistical classification engine, used to identify encrypted or obfuscated streams from advanced Peer-to-peer or VPN protocols (ex: BitTorrent RC4 streams).
516	SPRINGTECH-VPN	Infrastructure	EVASIVE-PROTOCOL, HTTP, ESP-OVER-UDP, IKE, SSL, TCP, UDP	This plugin classifies traffic relative to VPN applications distributed by SpringTech company (namely Guangzhou Quanyong Information Technology Company), like Hot VPN, Turbo VPN, VPN Robot, Snap VPN, VPN Master Pro, VPN Monster, VPN Master.
517	SSH	Infrastructure	EVASIVE-PROTOCOL, HTTP, HTTP2, HTTP-PROXY, HTTP-TUNNEL, HTTPS, NET-PROXY, SPDY, TCP, WEBSOCKET	Secure Shell (SSH), sometimes known as Secure Socket Shell, is a UNIX-based command interface and a protocol for obtaining secure access to a remote computer.
518	STAR-VPN	Infrastructure	AMAZON-AWS, EVASIVE-PROTOCOL, HTTP, IKE, SSL, TCP, UDP	Star VPN is a VPN client.
519	STEAM	Gaming	AKAMAI-SSL, AMAZON-AWS, GCP, GOOGLE-ANALYTICS-TRACKING, HIGHWINDS, HTTP, HTTP2, HTTP-PROXY, HTTPS, LLNWD, SPDY, SSL, TCP, UDP, WINDOWS-AZURE	Steam is a digital distribution, digital rights management, multiplayer and communications platform developed by Valve Corporation.
520	STOMP	Infrastructure	HTTP, HTTP2, HTTPS, SPDY, TCP, WEBSOCKET	STOMP is a text-based protocol for asynchronous message passing. It is used by

				some message brokers such as ActiveMQ, RabbitMQ, HornetQ, etc.
521	STREAMROOT	Web	GCP, HTTP, HTTP2, HTTPS, RTCP, RTP, SPDY, SSL, STUN, WEBRTC	Distributed Network Architecture for OTT Video Delivery.
522	STREET-FIGHTER	Gaming	AMAZON-AWS, HTTP, HTTP2, HTTPS, SPDY, SSL, UDP, UDT	Street Fighter is a fighting video game franchise developed and published by Capcom. This plugin classifies traffic generated by Street Fighter IV Champion Edition an online mobile video game.
523	SURFSHARK	Infrastructure	CLOUDFLARE, EVASIVE-PROTOCOL, HTTP, HTTP2, HTTPS, ITUNES, SPDY, SSL, TCP, UDP, WIREGUARD	Surfshark is an anonymizing VPN edited by Surfshark BV.
524	SVCCTL	Infrastructure	KRB5, MSRPC	This protocol is used to control remotely Windows services. Also known as MS-SCMR (Service Control Manager Remote Protocol). For further information, see https://msdn.microsoft.com/en-us/library/cc245832.aspx
525	SYNCHROPHASOR	Infrastructure	TCP, UDP	IEEE C37.118 Synchrophasor Protocol conveys electrical current measurements in power grid substations.
526	T38	Infrastructure	RTP, TCP, UDP	This protocol is used to exchanges FAXes on top on TCP/IP.
527	TAGGED	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Tagged is a social networking website, enabling users to connect to relatives, friends, or unknown people.
528	TALKATONE	Messaging	AMAZON-AWS, BRANCH, HTTP, HTTP2, HTTPS, RTP, SPDY, SSL	Talkatone is an instant messaging application that provides international call feature.
529	TANGO	Multimedia	AKAMAI-SSL, AMAZON-AWS, CEDEXIS, CLOUDFLARE, DTLS, EDGECAST, GCP, GOOGLE-GEN, HTTP, HTTP2, HTTPS, INMOJI, JABBER, RTCP, RTP, SPDY, SSL, STUN, TCP, UDP, UDT, WEBRTC	Tango is an embedded smartphone application dedicated to audio/video-conference.
530	TANIUM	Infrastructure	TCP	This plugin classifies Tanium Client traffic. Tanium is an Endpoint Detection and Response (EDR) solution. It is Endpoint Management System to protect enterprise against cyber threats.
531	TCHATCHE	Web	HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL	Tchatche is an instant messaging website.
532	TCP	Infrastructure	DNS, IP, IP6, ESP-OVER-UDP	TCP is a protocol providing a connection-oriented and reliable transfer service. It is used by most TCP/IP applications today (IANA protocol number: 6).
533	TEAMVIEWER	Remote-access	ADOBE, CLOUDFLARE, HTTP, HTTP2, HTTP-PROXY, HTTPS, QUIC, SPDY, SSL, TCP, UDP	TeamViewer is an application that enables a connection to a remote computer in order to perform maintenance

				operations. It is also possible to show the current display to a remote computer, to transfer files, and to create a VPN tunnel.
534	TELEGRAM	Messaging	DTLS, GCP, HTTP, HTTP2, HTTPS, RTP, SPDY, SSL, STUN, TCP, UDP, WEBRTC	Telegram is an instant messaging protocol like Whatsapp. This plugin also classifies traffic generated by Telegram API embedded by telegram.org web site.
535	TENCENT	Web	10086CN, AMAZON-AWS, BMFF, HTTP, HTTP2, HTTP3, HTTPS, MEITUAN, MPEGTS, QQ-WEB, QQMUSIC, QQVIDEO, QUIC, RTMP, RTP, SPDY, SSL, STUN, TCP, UDP, WEBRTC, WECHAT-TCP	Instant communications service provider in Asia, providing corporate and personal instant messaging, online entertainment and value-added services. Tencent Computer Systems Company, the owner of QQ and Wechat.
536	TENCENT-VIDEO	Multimedia	HTTP, SSL, TCP, TENCENT	Tencent Video is the streaming video platform owned by Tencent. WeTV is the international version and iFlix a local Asian version.
537	TENCENT-WEISHI	Multimedia	HTTP, SSL, TCP, TENCENT	Tencent Weishi is a short video platform. This plugin classifies traffic of the website and the iOS application.
538	TEXTME	Messaging	AMAZON-AWS, HTTP, HTTP2, HTTPS, ITUNES, RTP, SPDY, SSL, STUN, ZENDESK	Text Me is an instant messaging application that serves to send text messages and to make national and international calls.
539	TFTP	Infrastructure	UDP	Trivial File Transfer Protocol (TFTP) is a file transfer protocol that is simpler to use than the File Transfer Protocol (FTP) but that proposes less features. TFTP uses the User Datagram Protocol (UDP) rather than the Transmission Control Protocol (TCP).
540	THRIFT	Infrastructure	TCP	Apache Thrift framework used for serialization.
541	TIMEPRO-VG	Infrastructure	TCP	TimePro VG is a 'Time and Attendance' Software developed by Amano.
542	TNVIP	Remote-access	TCP	Telnet VIP is an emulation of the Telnet protocol for VIP (Visual Information Projection) terminals.
543	TONGHUASHUN	Web	BMFF, HTTP, HTTP2, HTTP-PROXY, HTTPS, RTMP, SPDY, SSL, TCP	Tonghuashun is a Chinese online stock analysis and trading software. This plugin classifies the browsing of its website and applications.
544	TOR	Infrastructure	FTPS, HTTP, HTTP2, HTTPS, IMAPS, SPDY, SSL	Tor is an application that intends to provide online anonymity. This protocol plug-in classifies the usage of the Tor application in the NORMAL MODE only. The BRIDGE RELAY mode is not supported.
545	TOTOK	Messaging	ALIBABA-MOBILE-USER-AGENT, ALIBABA-CLOUD, HTTP, HTTP2, HTTPS, SPDY, SSL, UDP	ToTok is an instant messaging application.

546	TOYO-PROTOCOL	Infrastructure	TELNET	This layer classifies only a limited number of protocols known to be used by Toyo hardware (PLC).
547	TRACEROUTE	Infrastructure	UDP, IPP-UDPLITE	This plugin classifies IP packets issued by the traceroute command, a network diagnostic command for obtaining the route to a given IP address. This plugin supports traceroute with UDP and ICMP methods.
548	TRESS-POLL	Infrastructure	ECHO, FTP, FTP-DATA, TCP	Tress Poll is a time clock device and software manufactured by Grupo Tress Internacional. This plugin classifies those time clock devices.
549	TUNNELGURU	Infrastructure	DNS, EVASIVE-PROTOCOL, HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL, TCP, UDP	This plugin classifies WebTunnel VPN software edited by TunnelGuru and its website.
550	TVANTS	Multimedia	TCP, UDP	TVAnts is a peer-to-peer TV software, using the BitTorrent peer-to-peer technology. It provides a way to watch on the PC most cable and satellite as well as WebTV.
551	TVUPLAYER	Multimedia	HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP	TVUPlayer is an application intended to watch TV in peer-to-peer.
552	TWEAKWARE	Infrastructure	EVASIVE-PROTOCOL, TCP	Tweakware is a vpn application.
553	TWITCH	Web	AKAMAI-SSL, AMAZON, AMAZON-AWS, CLOUDFLARE, FASTLY, GOOGLE-STATIC, HTTP, HTTP2, HTTP3, HTTPS, LIVERAIL, RTMP, SIZMEK, SPDY, SSL, TCP	Twitch.tv is a live video streaming service focused on video games.
554	TWOO	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Twoo is a social networking website, enabling users to connect to relatives, friends, or unknown people.
555	UAUDP	Multimedia	UDP	Telephony protocol by Alcatel-Lucent Enterprise which signals media flows and other control messages for the phones. The UA/UDP flows contain the Alcatel NOE protocol when the attribute value is 0x15 or 0x16. The RTP flows announced by a UA/UDP session will be classified as uaudp_rtp by the ixEngine.
556	UBISOFT	Gaming	AKAMAI-SSL, AMAZON-AWS, CLOUDFLARE, HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, SSL, TCP, UDP	Ubisoft is an online Game software editor and publisher (Far Cry, Assassin's Creed, Watchdogs).
557	UCP	Infrastructure	TCP	Universal Computer Protocol is used by some mobile phones to send SMS.
558	UDP	Infrastructure	IP, IP6, ESP-OVER-UDP	The User Datagram Protocol is a transport protocol providing a simple but non-reliable message transfer service in IP networks. It is used by most applications that do not require

				a reliable delivery transmission service. (IANA protocol number: 17).
559	UDT	Infrastructure	UDP	This plugin supports fourth version of UDT "https://tools.ietf.org/html/draft-gg-udt-03" over UDP. This protocol is involved in GridFTP infrastructure. It is a protocol for high performance data transfer with multiplexing and session control.
560	UNREAL-ENGINE	Gaming	EPIC-GAMES, HTTP, SSL, UDP	unreal_engine is a video game engine developed by Epic Games.
561	UPLIVE	Messaging	APPLE-IOS-UPDATE-SSL, HTTP, HTTP2, HTTPS, IFENG, KINGSOFT, QQ-WEB, SPDY, SSL, TCP, UDP, UMENG	Uplive is a social network mobile for live streaming in around the world.
562	USBMUX	Infrastructure	APPLE-IOS-UPDATE-SSL, TCP	iTunes communicates with the iPhone using something called usbmux, this is a system for multiplexing several connections.
563	UTP	P2P	UDP	BitTorrent transport layer
564	UUSEE	Multimedia	HTTP, HTTP2, HTTP-PROXY, HTTPS, SPDY, TCP, UDP	Uusee is a peer-to-peer TV software, using the BitTorrent peer-to-peer technology. It provides a way to watch on the PC most cable and satellite TV as well as WebTV on PC. It uses the network coding technology.
565	VALORANT	Gaming	HTTP, RIOT-GAMES, SSL, UDP, VIVOX	Valorant is a free-to-play first-person shooter multiplayer game developed by Riot Games.
566	VEEAM	Infrastructure	ADOBE, AMAZON-AWS, CLOUDFLARE, DCERPC, HTTP, HTTP2, HTTPS, SPDY, SSH, SSL, TCP	Veeam is a backup for virtual and physical hosts. It is compatible with major virtualization software and cloud storage products and has specific methods for backing-up certain software products, each of which is classified by its own plugin. This plugin classifies the Veeam website and the Veeam backup agent.
567	VEEPN	Web	CLOUDFLARE, HTTP, HTTP2, HTTPS, MICROSOFT, SPDY, SSL, ZENDESK	VeePN is a VPN services application.
568	VEOHTV	Multimedia	HTTP, HTTP2, HTTPS, LLNWD, RTMP, SPDY, SSL, UDP	VeohTV is a VOD streaming service which includes both client software and a website with embedded flash videos.
569	VIADAO	Web	HTTP, HTTP2, HTTPS, SPDY, SSL	Viadeo is a web site designed to manage professional contacts.
570	VITAL-QIP	Infrastructure	HTTP2, HTTPS, SPDY, SSH, SSL, TCP, UDP	Vital QIP is DDI application (DNS, DHCP, IPAM (IP Address Management)) that comes with a manager (AMS) to administrate Vital QIP appliance.

571	VIVOX	Gaming	AMAZON-AWS, HTTP, HTTP2, HTTPS, RTCP, RTP, SIP, SPDY, SSL, STUN, TCP, UDP	Vivox provides managed communication services in the form of integrated voice chat, Instant Messaging (IM) to online games, virtual worlds and other online communities.
572	VIX	Multimedia	AMAZON-AWS, ANVATO, CLOUDFLARE, FASTLY, GCP, HTTP, HTTP2, HTTPS, SPDY, SSL, ZENDESK	Vix is a video streaming platform. The video streaming traffic is hosted on a Google Cloud Platform.
573	VJC-COMP	Infrastructure	PPP	Van Jacobson TCP/IP Header Compression is a data compression protocol described in RFC 1144, specifically designed by Van Jacobson to improve TCP/IP performance.
574	VJC-UNCOMP	Infrastructure	PPP	Van Jacobson TCP/IP Header Compression is a data compression protocol described in RFC 1144, specifically designed by Van Jacobson to improve TCP/IP performance.
575	VK-GEN	Web	AIM, AKAMAI-SSL, AMAZON-AWS, CLOUDFLARE, DTLS, HTTP, HTTP2, HTTP3, HTTP-PROXY, HTTPS, ITUNES, JABBER, MEDIASCOPE, RTCP, RTMP, RTP, SPDY, SSL, STUN, TCP, UDP, WAMBA, WEBRTC	VK Group, former Mail.ru group, is a Russian social network editor. Their services include VKontakte, Mail.ru, and Odnoklassniki.
576	VMOTION	Infrastructure	TCP	vMotion is the VMware protocol which allows hot migration of virtual machines between different vSphere servers running on different hosts.
577	VMWARE-BLAST	Infrastructure	HTTP2, HTTPS, SPDY, SSL, UDP	Blast is a Virtual Desktop Infrastructure (VDI) protocol from VMWare, in use for the Horizon platform. When tunneled, it is classified by the vmware_horizon plugin.
578	VMWARE-CLIENT	Remote-access	UDP, VMWARE	VMWare client is a protocol used by the VMWare application, allowing it to have network interfaces and remote access to a virtual machine.
579	VMWARE-HORIZON	Infrastructure	HTTP, HTTPS, SSL, VMWARE	Horizon is VMWare's Virtual Desktop Infrastructure (VDI). It is available both on-premises and in cloud version.
580	VNETIP	Infrastructure	TCP, UDP	Yokogawa's control communication network approved by international standards (IEC 61784-2 Ed.2.0).
581	VPN1-COM	Web	EVASIVE-PROTOCOL, HTTP, SSL, TCP, UDP	vpn1.com is a website hosting two popular anonymizing web proxies: Hoxx VPN and setupvpn
582	VPN-SUPER-UNLIMITED	Infrastructure	CLOUDFLARE, EVASIVE-PROTOCOL, HTTP, HTTP2, HTTPS, IKE, ITUNES, SPDY, SSL, TCP, UDP	VPN Super Unlimited Proxy is an anonymizing VPN developed by Super Unlimited Inc.

583	VXLAN	Infrastructure	UDP	VXLAN is a network virtualization technology that uses vlan-like encapsulation over UDP. This protocol is only supported when running on ixE 4.19.1 (at least) flow manager.
584	WEBEX	Multimedia	CISCO, HTTP, HTTPS, RTCP, RTP, SSL, STUN, UDP	WebEx is an online meeting, videoconferencing and collaborative application. Webex is owned by Cisco.
585	WEBSOCKET	Infrastructure	HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP	The WebSocket Protocol, as described in IETF RFC6455. Note: in most cases, Websocket flows are classified over HTTP. In some rare cases - when there is an indication in the SNI - the flow will be classified over HTTPS.
586	WECOM	Web	HTTP, HTTP2, HTTPS, QQ-WEB, SPDY, SSL, TCP, UDP	WeCom is a business communication and office collaboration tool developed by Tencent WeChat Team.
587	WINMX	P2P	GNUTELLA, HTTP, HTTP2, HTTPS, SOCKS4, SOCKS5, SPDY, SSL, TCP, UDP	WinMX is a freeware peer-to-peer file sharing program authored by Frontcode Technologies that runs on Microsoft Windows operating systems and created in 2000.
588	WINNY	P2P	TCP	Winny (also known as WinNY) is a Japanese peer-to-peer (P2P) file-sharing program.
589	WINS	Infrastructure	TCP	WINS (Windows Internet Naming Service) is Microsoft's implementation of NetBIOS Name Service (NBNS), which is a name server and service for NetBIOS computer names. This plug-in classifies replication flows between servers. Client-to-Server flows are handled by the NBNS plug-in.
590	WIREGUARD	Infrastructure	CLOUDFLARE, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP	Wireguard is an open-source VPN protocol designed to be lightweight. The website is classified too.
591	WORLD-OF-TANKS	Gaming	HTTP, HTTP2, HTTP-PROXY, HTTPS, JABBER, QUIC, SIP, SPDY, SSL, UDP, VIVOX, WARGAMING	World Of Tanks is a massively multiplayer online Belarusian game developed by Wargaming.net company.
592	WOW	Gaming	AKAMAI-SSL, AMAZON-AWS, BATTLENET, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP	WOW is an online role-playing game.
593	WS-DISCOVERY	Infrastructure	SOAP	Web Services Dynamic Discovery (WS-Discovery) is a multicast SOAP over UDP service discovery protocol standardized by OASIS.
594	WTLS	Infrastructure	UDP	Wireless Transport Layer Security (WTLS) is a security protocol, part of the WAP stack. It sits between the WTP and WDP layers in the WAP communications stack.
595	WTP	Infrastructure	UDP	Wireless Transaction Protocol (WTP) is a transport layer protocol which belongs to the

				WAP stack. It provides a reliable transmission of network packets and is very similar to TCP.
596	X25	Multimedia	XOT	X.25 is a packet switched data network protocol which defines an international recommendation for the exchange of data as well as control information between a user device (host), called Data Terminal Equipment (DTE) and a network node, called Data Circuit Terminating Equipment (DCE).
597	X-VPN	Infrastructure	AMAZON, CLOUDFLARE, EVASIVE-PROTOCOL, FTP, FTP-DATA, GCP, HTTP, HTTP2, HTTPS, SMTP, SPDY, SSL, TCP, UDP	x-vpn unblock the web securely, privately and anonymously on your Android devices. x-vpn was formerly FastLemon VPN
598	XBOXLIVE	Gaming	AKAMAI-SSL, HTTP, HTTP2, HTTPS, ESP-OVER-UDP, IKE, LLNWD, MICROSOFT, OFFICE365, RTP, SILVERLIGHT, SPDY, SSL, TCP, UDP, WEBRTC	Online multiplayer gaming and digital media delivery service created and operated by Microsoft Corporation.
599	XCLOUD	Gaming	HTTP, SSL, XBOXLIVE	Xcloud is the cloud gaming service provided by Xbox on android with the Game Pass Ultimate subscription.
600	XMCP	Infrastructure	TCP, UDP	Cisco External Client Protocol to interact with service routing-enabled network
601	XOT	Infrastructure	TCP	Protocol used to transport x25 data over TCP in IP network.
602	XPROTECT	Multimedia	HTTP, HTTP2, HTTPS, MILESTONE-SYSTEMS, SOAP, SPDY, TCP	Xprotect is a professional video surveillance system provided by Milestone Systems. This plugin only supports the demonstration version on mobile devices.
603	YAHOO-GROUPS	Web	YAHOO	Yahoo! Groups offers free mailing lists, photo and file sharing, group calendars and more.
604	YMAIL-CLASSIC	Web	HTTP, HTTP2, HTTP-PROXY, SPDY, YAHOO	Yahoo! Mail Classic was the original interface for Yahoo! Mail.
605	YMAIL-MOBILE-NEW	Web	HTTP, HTTP2, HTTP-PROXY, QUIC, SPDY, SSL, YAHOO	Yahoo Mail Mobile_new is the new yahoo.com webmail adapted to mobiles. Most of the encrypted traffic is classified as yahoo.
606	YOKOGAWA-PROTOCOL	Infrastructure	TCP	This layer classifies only a limited number of protocols known to be used by Yokogawa hardware.
607	YOUNOW	Web	AMAZON-AWS, HTTP, HTTP2, HTTPS, RTCP, RTMP, RTP, SPDY, SSL, STUN, WEBRTC, ZENDESK	YouNow is a live webcast service.
608	YOUTUBE	Web	GOOGLE-ADS, GOOGLE-API, GOOGLE-GEN, GOOGLE-PLUS, GOOGLE-VIDEO, GOOGLE-STATIC, GSUITE, HTTP, HTTP2,	Youtube is a website where users can send or watch videos.

			HTTPS, QUIC, RTSP, SPDY, SSL	
609	YPSERV	Infrastructure	RPC	Yellow Pages Server is a protocol used to distribute NIS databases to client systems within an NIS domain.
610	YUBO	Messaging	AMAZON-AWS, HTTP, HTTP2, HTTPS, OPTIMICDN, RTP, SPDY, SSL	Yubo is a social network for finding new friends and live streaming. This plugin classifies the applications and the website.
611	YY	Multimedia	DUOWAN, HIIDO, HTTP, HTTP2, HTTPS, SPDY, SSL, UDP	YY is a Chinese video-based social network.
612	ZALO	Messaging	HTTP, HTTP2, HTTPS, QUIC, SPDY, SSL, UDP	Zalo is a Vietnamese mobile IM application created by VNG Corporation with audio/image file send feature. The HTTP/HTTPS traffic generated by this application may either be classified as Zalo or Zing.
613	ZEBRA-RFID	Infrastructure	LLRP	Protocol used for communication with Zebra RFID readers.
614	ZEBRA-ZPL	Infrastructure	TCP	Zebra Programming Language (ZPL) is used to control some Zebra label printers.
615	ZEROTIER	Infrastructure	ATLASSIAN, CLOUDFLARE, FASTLY, GCP, HTTP, HTTP2, HTTPS, SPDY, SSL, TCP, UDP	Zerotier is a peer-to-peer VPN for establishing a SDN over the Internet.
616	ZIMBRA	Web	HTTP, HTTP2, HTTP-PROXY, HTTPS, QUIC, SOAP, SPDY, SSL	Zimbra provides open-source server and client software for messaging and collaboration.
617	ZNTRICHTER-PAC	Infrastructure	TCP	Administration protocol used by ZNT-Richter Process Automation Controller (PAC) applications.
618	ZOOKEEPER	Infrastructure	TCP	This plugin classifies replication protocol used by Apache ZooKeeper to synchronize instances.
619	ZOOM	Messaging	AMAZON-AWS, APPLE- IOS-UPDATE-SSL, CLOUDFLARE, DTLS, GCP, GOOGLE-GEN, HTTP, HTTP2, HTTP3, HTTPS, KAHOOT, QUALTRICS, QUIC, RTCP, RTP, SPDY, SSL, STUN, TCP, UDP, ZENDESK	Zoom Video Conferencing, also referred to as Zoom by users, combines video conferencing, online meetings, and mobile collaboration into one platform.

Obsolete Applications

The following are the obsolete applications in this release.

Sr. No.	Application Name	Specific Reason	Description
1	ADNETWORKPERFORMANCE	This application is deprecated and no longer supported.	Tracking and advertisement servers in Algeria likely related to malware programs.

2	BITMETV	This application is deprecated and no longer supported.	Bittorrent tracker search engine
3	BLUEJEANS	This application is deprecated and no longer supported.	BlueJeans is a cloud video conferencing platform.
4	BROWNTRACKER	This application is deprecated and no longer supported.	Bittorrent tracker search engine
5	FACEBOOK-IKARMA	This application is deprecated and no longer supported.	This signature detects the Facebook embedded application iKarma. This application allows users to share good karma with their friends.
6	GOOGLE-DOCS-LOGIN	This application is deprecated and no longer supported.	Google docs login application
7	GOOGLE-SPACES	This application is deprecated and no longer supported.	A cross-platform application for group messaging and sharing. One of many Google services.
8	GOOGLE-WEBCHAT	This application is deprecated and no longer supported.	This signature detects the Web-based Google Chat client.
9	HAMACHI-ENCRYPTED-CONNECT	This application is deprecated and no longer supported.	This signature detects a client connecting to the Hamachi network. Hamachi is a VPN service by LogMeln.
10	KIWIBOX	This application is deprecated and no longer supported.	Kiwibox is a social network, featuring mobile applications.
11	MOCEAN	This application is deprecated and no longer supported.	MOcean is an advertising agency.
12	MOTINEWS	This application is deprecated and no longer supported.	News and trending popular website in Mauritius.
13	OWS	This application is deprecated and no longer supported.	Software editor of secured messaging applications.
14	PHWEET	This application is deprecated and no longer supported.	This protocol plug-in classifies traffic to the host phweet.com.
15	SALAMNEWS	This application is deprecated and no longer supported.	Azerbaijani news portal.
16	SURESOME	This application is deprecated and no longer supported.	Suresome allows to increase browsing capabilities with an SSL proxy.
17	TS	This application is deprecated and no longer supported.	Kyrgystani video streaming website.
18	TUNE	This application is deprecated and no longer supported.	Pakistani multimedia and lifestyle website.
19	TVCATCHUP	This application is deprecated and no longer supported.	TVCatchup is an internet television service for viewing free-to-air UK channels. Users can access the service via desktop browsers as well as smartphone and tablet apps.
20	USABIT-COM	This application is deprecated and no longer supported.	Bittorrent tracker search engine
21	WINDOWSLIVESPACE	This application is deprecated and no longer supported.	This protocol plug-in classifies the http traffic to the host spaces.live.com.
22	XL-NONTON	This application is deprecated and no longer supported.	XL Nonton offers access streaming contents via PC and Smartphone.
23	YOUMEO	This application is deprecated and no longer supported.	This protocol plug-in classifies the HTTP and SSL traffic to the host calumbrannan.com (Youmeo was originally founded in April 2005 by Calum Brannan, whose blog this is).

24	ZIPPYSHARE	This application is deprecated and no longer supported.	File hosting and sharing services.
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New Application Groups

The following table contains information about the new application groups.

Sr. No.	Group Name	Applications in Group
	N/A	N/A

Updated Groups

The following table contains information about the updated groups.

Sr. No	Group Name	Applications Added	Applications Deleted
1	aaa	EAP-TLS, PEAP	-
2	adult-content	IXXX, JUICYADS, LITEROTICA, YOUJIZZ	-
3	advertisements	-	DOUBLECLICK
4	advertising	33ACROSS, COMMISSION-JUNCTION, IMPROVEDIGITAL, SKIMLINKS	-
5	ai	BAIDU-YIYAN, DEEPSEEK, ELEVENLABS-IO, META-AI, MUSE-AI, NOTEBOOKLM, PIXLR	-
6	analytics	CHARTBEAT, INSPECTLET, SHARETHIS	-
7	anonymizer	AIRVPN, ANONYMOUS-VPN, URBAN-VPN	I2P-USERAGENT
8	audio-chat	TENCENT-MEETING, TENTEN	-
9	audio-streaming	-	PANDORA-STREAM
10	blog-group	ITCHYFEETONTHECHEAP, PROBLOGGER	-
11	cdn	COMCAST-CDN	-
12	chat	ELEMENT, MATRIX, META-AI, WIRE, ZANGI	-
13	cloud-services	DIGITALOCEAN, GOTOWEBINAR, IBM-ASPERA, LUCID, LYNC-ONLINE, MATRIX, PLANVIEW, TENCENT-MEETING	LYNC
14	crowdfunding	GOFUNDME	-
15	cryptocurrency	BLOCKCHAIN-COM, COINBASE, KRAKEN	-
16	database	AWS-KINESIS, MVRP, PINECONE, WEAVIATE	-
17	dating	EHARMONY	-
18	directory	-	CLDAP
19	education	ARXIV, COLORADO-EDU, COLUMBIA-UNIVERSITY, CORNELL-UNIVERSITY, EDX, HARVARD, HAWAII-EDU, QUIZLET, SAGEPUB, SKILLSHARE, STILE, TWINKL, UCLONDON, UDACITY	-
20	enterprise	CHECKPOINT, CHROMADB, CRESTRON-ROOMVIEW, FORTICLIENT-VPN, FORTINET, GOTOWEBINAR, IMONNIT, LABX, LINEWORKS, LUCID, LYNC-ONLINE, MATHLM, PINECONE, QDRANT, SYNOLOGY, TENCENT-MEETING, WEAVIATE	LYNC
21	file-mngt	FILEFACTORY-COM, IBM-ASPERA, LIVE-STORAGE, SHAREFILE-COM	FILEFACTORY, LIVE-SKYDRIVE, SHAREFILE
22	file-sharing	-	MEGA-SSL-DOWNLOAD

23	file-transfer	ANYVIEWER, ELEMENT, MATRIX, SCREENCONNECT, WIRE, ZANGI	-
24	finance	-	YAHOO-FINANCE
25	forum-group	BITCOINTALK	-
26	gaming	MIR-TANKOV, MY-PERFECT-HOTEL, SAY-GAMES, WIICONNECT24, WOW, XBOXLIVE, ARMORGAMES-PLAY	ARMOR-GAMES-PLAY, WII, WORLD-OF-WARCRAFT, XBOX
27	gaming:protocols	-	WORLD-OF-WARCRAFT
28	gaming:web-based	XBOXLIVE	XBOX
29	im-mc	ELEMENT, GITTER, MATRIX, POCO-WEB, TENCENT-MEETING, WIRE, ZANGI	POCO
30	infrastructure	802-1X, AIRVPN, ANONYMOUS-VPN, AWS-KINESIS, CHISEL, CHROMADB, DOH, DOH3, DOQ, DOT, EAP, EAP-TLS, FORTICLIENT-VPN, FORTINET, GROOVE, IMONNIT, LABX, LINEWORKS, MATHLM, MVRP, NETBIOS, PEAP, PINECONE, QDRANT, SSH, TUNNELMOLE, URBAN-VPN, WARP, WEAVIATE	NBNAME, SIP, SKYPE
31	infrastructure:networking	-	NBNAME
32	instant-messaging	-	MSN-VOICE-CHAT
33	iot	CRESTRON-ROOMVIEW, IMONNIT	-
34	messaging	AIM, ELEMENT, KAKAOTALK, MATRIX, MSN, MXIT, PALTALK, SKYPE, TENCENT-MEETING, TENTEN, WANGWANG, WIRE, ZANGI	BOLDCHAT, HUSHMAIL, LYNC
35	messaging:instant-messaging	LYNC-ONLINE	LYNC
36	mm-streaming	CLARO-VIDEO, IPTV-SMARTERS, MUSE-AI, RAKUTEN-MUSIC, SKYSHOWTIME, TVUPLAYER, XUMO	TVUNETWORKS
37	mobile	FAMILY-KEEPER, LIFE360, MY-PERFECT-HOTEL, ONDE-APP, ZANGI	-
38	multimedia	CLARO-VIDEO, COMCAST-CDN, GOTOWEBINAR, GRABOID, IPTV-SMARTERS, NETFLIX, RAKUTEN-MUSIC, SIP, SKYSHOWTIME, TVUPLAYER, UUSEE-UDP, VEOHTV, XUMO	ADOBE-FLASH, STARTV, TVUNETWORKS, UUSEE-2-UDP, YOUJIZZ
39	multimedia:video-streaming	TVUPLAYER, UUSEE-UDP	UUSEE-2-UDP, TVUNETWORKS
40	networking	802-1X, DOH, DOH3, DOQ, DOT, EAP, EAP-TLS, FORTICLIENT-VPN, MVRP, NETBIOS, PEAP	NBNAME
41	news-portal	AXIOS, BHASKAR, BUSINESSWIRE, DEUTSCHE-WELLE, EASTDAY, FINANCIAL-TIMES, FORBES, GEEK, HEISE-ONLINE, HUPU, INSTRUCTABLES, LATIMES, MATHRUBHUMI, NEWYORKER, NYPOST, PCWORLD, POLITICO, PRESSEPORTAL, RANKER, SEROUNDTABLE, THEATLANTIC, THEGLOBEANDMAIL, THEGUARDIAN, THEHILL, THESUN, THEVERGE, UNITED-PRESS, VARIETY, VICE	-
42	office365-apps	LYNC-ONLINE	LYNC
43	p2p	BITCOIN, WEBTORRENT, TVUPLAYER	POCO, TVUNETWORKS, DEEPSEEK
44	payment-service	RAKUTEN-PAY, YOOMONEY	-
45	protocols	-	LEAGUE-OF-LEGENDS
46	real-estate	-	ZILLOW
47	remote-access	ANYVIEWER, MS-QUICK-ASSIST, REMOTEPC, SCREENCONNECT, ZOHO-ASSIST	OZYSMAN
48	scada	LABX	-
49	search	-	NAUKRI, FASTTRACK
50	social-networking	IKARMA	EHARMONY, FACEBOOK-ZOOSK, GOOGLE-PLUS-SSL,

			FACEBOOK-FAMILYTREE, TURNTABLEFM
51	standardized	802-1X, DOH, DOH3, DOQ, DOT, EAP, EAP-TLS, NETBIOS, PEAP	NBNAME
52	transportation	MARINE-TRAFFIC, ONDE-APP, TAXIF	-
53	tunneling	-	OZYMEN, HSS-SSL-TCP, HSS-SSL-UDP
54	video-chat	TENCENT-MEETING	-
55	video-streaming	-	UUSEE-2-UDP
56	voip	ELEMENT, GOTOWEBINAR, LYNC-ONLINE, MATRIX, TENCENT-MEETING, WIRE, ZANGI	LYNC
57	vpn-tun	AIRVPN, ANONYMOUS-VPN, CHISEL, FORTICLIENT-VPN, TUNNELMOLE, URBAN-VPN, WARP	TOR
58	web	33ACROSS, 7ZIP, ABEBOOKS, ACCESSIFY, ACLU, ACM, ALGOLIA, AMAZON-COM, ANCESTRY, ARMORGAMES-PLAY, ARXIV, ASOS, AUDACITY, AUTOMATTIC, AXIOS, BAIDU-YIYAN, BARNESANDNOBLE, BEST-BUY, BHASKAR, BHPHOTO, BITCOINTALK, BLACKBAUD, BLOCKCHAIN-COM, BOL, BUFFER, BUSINESSWIRE, BUYMEACOFFEE, BUZZSPROUT, CALENDLY, CAMLINE, CANCER-RESEARCH-UK, CAPTERRA, CDC-GOV, CHARTBEAT, CHECKPOINT, CIA, CNBLOGS, CODEPROJECT, COINBASE, COLORADO-EDU, COLUMBIA-UNIVERSITY, COMMISSION-JUNCTION, CORNELL-UNIVERSITY, CREATIVECOMMONS, CRESTRON-ROOMVIEW, CSS-TRICKS, CVENT, DEEPL, DELL, DEUTSCHE-WELLE, DEV-TO, DIGITALEO, DIGITALOCEAN, DIIGO, DOI, DRIBBBLE, EASTDAY, ECLIPSE, EDX, EFF, ELEVENLABS-IO, ESA, ESPNCRICINFO, EXAMPLE, FAMILY-KEEPER, FAS-ORG, FBI, FDA-GOV, FEEDSPOT, FIDELITY-INVESTMENTS, FILEFACTORY-COM, FILEZILLA, FINANCIAL-TIMES, FORBES, FREELANCER, FTC-GOV, GANTTER, GAP, GARTNER, GEEK, GIMP, GITTER, GNU, GOFUNDME, GOOGLE-ASSISTANT, GOOGLE-FAMILIES, GOOGLE-SAFEBROWSING, GOV-CN, GREENPEACE, GUMROAD, HARVARD, HAWAII-EDU, HDFC, HEISE-ONLINE, HKRSA, HOLAFLY, HOSTGATOR, HUMBLEBUNDLE, HUPU, IBM-ASPERA, IETF, IFTTT, IGN, IMPROVEDIGITAL, INKSCAPE, INSPECTLET, INSTRUCTABLES, IRS-GOV, IS-GD, ITCHYFEETONTHECHEAP, IXXX, JAMANETWORK, JETBRAINS, JUICYADS, KIDS360, KOFI, KOHLS, KRAKEN, LATIMES, LAUNCHPAD, LESTA, LG, LIFE360, LINKTREE, LITEROTICA, LIVE-STORAGE, LIVE365-RADIO, LOC-GOV, LOUVRE, LOWES, LUCID, LUCIDCHART, LULU-COM, LYFT, LYNC-ONLINE, MARINE-TRAFFIC, MATHRUBHUMI, META-AI, MONETATE, MUSE-AI, NEH-GOV, NETBEANS, NETSUITE, NEWYORKER, NIH-GOV, NINITE, NODEJS, NOTEBOOKLM, NPM, NYPOST, OBSPROJECT, ONDE-APP, ONEFOOTBALL, OPRAH-COM, ORCID, OTTO, OZYMEN, PBS, PCWORLD, PHP, PIXABAY, PIXLR, PLANVIEW, PLOS, POCKET, POCO-WEB, PODBEAN, POLITICO, PRESSEPORTAL,	AIM, ARMOR-GAMES-PLAY, BITCOIN, DOUBLECLICK, ESPN-CRICINFO, FILEFACTORY, GOOGLE-PLUS-SSL, GOOGLE-SAFEBROWSE-SUB, GROOVE, IMESH, KAKAOTALK, LIVE-SKYDRIVE, LYNC, MSN, MXIT, PALTALK, POCO, SHAREFILE, STEAM, TEAMVIEWER, WII, XBOX, YAHOO-FINANCE

		PROBLOGGER, PSYCHOLOGYTODAY, PYTHON, QIITA, QUIZLET, QUSTODIO, RAKUTEN-PAY, RAKUTEN-TRAVEL, RANKER, REACTS, REASONLABS, REBRANDLY, REDBUBBLE, REDBULL, REDHAT, SAGEPUB, SCIENCEDIRECT, SEROUNDTABLE, SHAREASALE, SHAREFILE-COM, SHARETHIS, SITEGROUND, SITEIMPROVE, SKETCHFAB, SKILLSHARE, SKIMLINKS, SMASHINGMAGAZINE, SMASHWORDS, SPORTBIBLE, SPRINGER, SPROUTSOCIAL, STATISTA, STILE, SUBLIMETEXT, SUTTERHEALTH, SXSW, SYNOLOGY, TAXIF, TECHCRUNCH, TELE2, TELENOR, TELIA, THEATLANTIC, THEGLOBEANDMAIL, THEGUARDIAN, THEHILL, THESUN, THEVERGE, THUMBSTACK, TICKETMASTER, TINYURL, TLY, TREASURY-GOV, TRIPIT, TRUSTPILOT, TWINKL, UCLONDON, UDACITY, UEFA, UNESCO, UNITED-NATIONS, UNITED-PRESS, UNSPLASH, UPS-SHIPPING, VARIETY, VICE, VIDDLER, WATTPAD, WEBLIO, WEFORUM, WIKIDOT, WIKIHOW, WILEY, WORLD-HEALTH-ORG, WOWHEAD, WUNDERGROUND, XKCD, YAHOO-FINANCE-MESSAGE-BOARD, YOOMONEY, ZE-DELIVERY, ZERODHA, ZOMATO, ZSCALER, IKARMA, CLARO-VIDEO, GOTOWEBINAR, IPTV-SMARTERS, MY-PERFECT-HOTEL, SAY-GAMES, SKYSHOWTIME, XUMO	
59	web:advertisements	-	DOUBLECLICK
60	web:applications	GOOGLE-SAFEBROWSING, LIVE-STORAGE	LIVE-SKYDRIVE, GOOGLE-SAFEBROWSE-SUB
61	web:file-sharing	FILEFACTORY-COM, LIVE-STORAGE, SHAREFILE-COM	LIVE-SKYDRIVE, FILEFACTORY, SHAREFILE
62	web:finance	YAHOO-FINANCE-MESSAGE-BOARD	YAHOO-FINANCE
63	web:gaming:protocols	WIICONNECT24, XBOXLIVE	XBOX, WII
64	web:gaming:web-based	ARMORGAMES-PLAY, XBOXLIVE	XBOX, ARMOR-GAMES-PLAY
65	web:messaging:mail	-	HUSHMAIL
66	web:multimedia:adult	-	YOUJIZZ
67	web:multimedia:video-streaming	TVUPLAYER	TVUNETWORKS
68	web:multimedia:web-based	TVUPLAYER	TVUNETWORKS
69	web:news	ESPNCRICINFO	ESPN-CRICINFO
70	web:social-networking	IKARMA	FACEBOOK-IKARMA
71	web:social-networking:applications	GOOGLE-PLUS	GOOGLE-PLUS-SSL
72	web-ecom	ABEBOOKS, AMAZON-COM, BHPHOTO, BOL, HUMBLEBUNDLE, LOWES, OTTO, RAKUTEN-TRAVEL, REDBUBBLE, ZE-DELIVERY	-
73	webmail	HUSHMAIL	-
74	web-sites	CDC-GOV, CREATIVECOMMONS, FDA-GOV, FORTINET, FTC-GOV, GARTNER, LESTA, NIH-GOV, WORLD-HEALTH-ORG	-

Obsolete Application Groups

N/A

Obsolete Contexts

There are no obsolete contexts in this release.

Resolved Issues

The following issues have been resolved:

PR number	Description
PR-1807581	iOS Mobile Facebook application traffic is not being blocked on SRX320 devices
PR-1816644	TikTok traffic is not being blocked by Application Identification (APP-ID) on SRX4600 cluster deployments
PR-1908343	In Protocol Bundle, certain traffic flows are not reaching IxEngine, preventing expected policy enforcement
PR-1907201	Application details for MODBUS protocol does not align with Protocol Bundle version 3842
PR-1899495	GOOGLE-DOCS-LOGIN micro application signature is deprecated
PR-1846087	IDP policies with custom-attack patterns do not consistently drop matching packets

Requesting Technical Support

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Technical product support is available through the Juniper Networks Technical Assistance Center (JTAC). If you are a customer with an active J-Care or Partner Support Service support contract, or are covered under warranty, and need post-sales technical support, you can access our tools and resources online or open a case with JTAC.

- JTAC policies—For a complete understanding of our JTAC procedures and policies, review the *JTAC User Guide* located at <https://www.juniper.net/us/en/local/pdf/resource-guides/7100059->

[en.pdf](#).

- Product warranties—For product warranty information, visit <http://www.juniper.net/support/warranty/>.
- JTAC hours of operation—The JTAC centers have resources available 24 hours a day, 7 days a week, 365 days a year.

Self-Help Online Tools and Resources

For quick and easy problem resolution, Juniper Networks has designed an online self-service portal called the Customer Support Center (CSC) that provides you with the following features:

- Find CSC offerings: <https://www.juniper.net/customers/support/>
- Search for known bugs: <https://prsearch.juniper.net/>
- Find product documentation: <https://www.juniper.net/documentation/>
- Find solutions and answer questions using our Knowledge Base: <https://kb.juniper.net/>
- Download the latest versions of software and review release notes: <https://www.juniper.net/customers/csc/software/>

- Search technical bulletins for relevant hardware and software notifications: <https://kb.juniper.net/InfoCenter/>
- Join and participate in the Juniper Networks Community Forum: <https://www.juniper.net/company/communities/>
- Create a service request online: <https://myjuniper.juniper.net>

To verify service entitlement by product serial number, use our Serial Number Entitlement (SNE) Tool: <https://entitlementsearch.juniper.net/entitlementsearch/>

Creating a Service Request with JTAC

You can create a service request with JTAC on the Web or by telephone.

- Visit <https://myjuniper.juniper.net>.
- Call 1-888-314-JTAC (1-888-314-5822 toll-free in the USA, Canada, and Mexico).

For international or direct-dial options in countries without toll-free numbers, see <https://support.juniper.net/support/requesting-support/>.

Revision History

- January 12, 2026—Revision 1, JDPI Release Notes.

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