

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	Features and Resolved Issues
June 09, 2021	The relevant signature package version is 3390.	1.530.2-37	5.6.0-58	This JDPI-Decoder version is supported only on the Junos OS 12.3X48-D95+ and later releases, 15.1X49-D200+ and later releases, Junos OS 19.2R1 and later releases which support the v5 engine on all supported SRX Series platforms. Starting in Junos OS release 20.1R1, enhancements to custom applications are included in the JDPI-Decoder release.

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 12.3X48D95+ and later releases, 15.1X49-D200+ and later releases which support the v5 engine, and 19.2R1 and later releases which support the v5 engine. This

signature package is not compatible with Junos releases supporting version4 engine. The Junos releases supporting v4 engine will remain on PB1.460.2-46 and there will be no more updates for these releases.

New Features and Enhancements

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The following sections describe new features and enhancements available in the JDPI-Decoder releases:

New Software Features and Enhancements Introduced in JDPI-Decoder Release 3390

The following sections describe new features and enhancements available in JDPI-Decoder Release 3390.

New Applications

[Table 2 on page 3](#) shows the applications that are added in this release of JDPI-Decoder.

Table 2: New Applications

Sr. No.	Application Name	Application Type	Reported Over	Description
1	7DIGITAL	Multimedia	HTTP/HTTP2/ HTTPS/ SPDY/SSL	7digital is a digital music and radio services platform. This plug-in classifies website traffic.
2	2CHECKOUT	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	2Checkout (acquired by Verifone) provides global e-commerce, online payments and subscription billing solutions. This plug-in classifies website traffic.
3	AMBER-WEATHER	Web	AMAZON/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	Amber weather is a weather forecast application. This plug-in classifies the website and the android application traffic.
4	ARENA-OF-VALOR	Gaming	QQGAMES-2- TCP/QQ- WEB/TCP/UDP/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	Arena of Valor is a multiplayer online battle arena (MOBA) mobile game.
5	ALEXA-ASSISTANT	Remote-access	HTTP/HTTP2/ HTTPS/ SPDY/SSL/TCP/ UDP	Alexa is the Amazon virtual assistant. This plug-in classifies the application traffic.
6	AKATSUKI	Gaming	AMAZON/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	Akatsuki Inc is a mobile game and a live experience platform. This plug-in classifies website traffic.
7	ANTEN-IR	Multimedia	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Anten is an Iranian sport live streaming platform.

Table 2: New Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
8	ADRISE	Multimedia	HTTP/HTTP2/ HTTPS/ SPDY/SSL	adRise is an internet TV platform. This plug-in classifies only website traffic.
9	AMAZON-PRIMENOW	Web	AMAZON/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	Amazon Prime Now is the Amazon platform for independent contractors to provide delivery services.
10	BODET	Web	CLOUDFLARE/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	Bodet is a French company specialized in time monitoring in managing. This plug-in classifies web traffic related to Bodet.
11	BLAZE-NEWS	Web	IHEARTRADIO/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	The Blaze is a news and opinion website. This plug-in classifies web traffic related to Blaze news.
12	BAMBOO-HR	Web	AMAZON/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	BambooHR is an American technology company that provides human resources software as a service.
13	BILIBILI	Web	BMFF/HTTP/ HTTP2/HTTPS/ SPDY/SSL	Bilibili is a Chinese video sharing platform.
14	BODET-TIME	Custom	TCP	Bodet is a French company specialized in time monitoring in managing. This module manages protocol related to Bodet Time and Attendance software.

Table 2: New Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
15	CALLSTATS-IO	Web	AMAZON/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	Callstats.io enables users to monitor their WebRTC metrics in real time. This plug-in classifies website traffic.
16	COZY	Infrastructure	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Cozy is an application of cloud storage.
17	CHECKOUT-COM	Web	AMAZON/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	Checkout.com offers payment and fraud detection services and API. This plug-in classifies the website and calls to the API from other applications.
18	CONTPAQI	Infrastructure	HTTP/HTTP2/ HTTPS/ SPDY/SSL/ MSSQL/TCP/ MICROSOFT	CONTPAQi is a Mexican accounting software editor. This plug-in classifies the websites and on-line API endpoints of the software.
19	CAFE-BAZAAR	Infrastructure	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Cafe Bazaar is an iranian digital application distribution platform for Android.
20	CONTENTFUL	Web	FASTLY/ GOOGLE-API/ GOOGLE-GEN/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	Contentful is a content management platform. This plug-in classifies website browsing traffic.
21	CONNATIX	Multimedia	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Connatix is a video syndication and monetization platform for publishers. This plug-in classifies website traffic.

Table 2: New Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
22	CALL-OF-DUTY-MOBILE	Gaming	ACTIVISION/ GARENA/HTTP/ HTTP2/HTTPS/ QQGAMES-2- TCP/QQ-WEB/ SPDYSPEEDTES T/SSLTCP/UDP	Call of Duty: Mobile is a free to play mobile video game. This plug-in classifies only the traffic that are while playing online.
23	COURSERA	Web	AMAZON/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	Coursera is an educational site, offering online courses from top universities. This plug-in classifies Coursera website and iOS application.
24	DATADOG	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL/ ZENDESK	Datadog is a monitoring and security platform. This plug-in classifies website traffic.
25	DISNEY	Web	ADOBE/ AMAZON/ HTTP/HTTP2/ HTTPS/ SPDY/SSL/ ZENDESK	The Walt Disney Company, commonly known as Disney is an American diversified multinational mass media and entertainment conglomerate. This plug-in classifies website traffic.
26	DIRECTV-GO	Multimedia	HTTP/HTTP2/ HTTPS/ SPDY/SSL	DirecTV GO is video streaming platform. This plug-in classifies loading of DirecTV GO home page traffic.
27	DIGICERT	Web	ADOBE/OCSP/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	DigiCert is a digital security company.

Table 2: New Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
28	DIGITAL-TURBINE	Web	AMAZON/ ATLASSIAN/ DISQUS/ SAMSUNG/ WORDPRESS/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	Digital Turbine is a mobile delivery & app advertising solutions. This plug-in classifies web site traffic.
29	DOOSTIHAA	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Doostihaa is an Iranian download website. This plug-in classifies the website traffic.
30	E-ONLINE	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	E! Online is an online entertainment news platform. This plug-in classifies website and iOS application traffic.
31	ETAHUB	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Etahub is an analytics service mainly focused on adult web sites. This plug-in classifies traffic to etahub.com.
32	EVENTBRITE	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Eventbrite is an event organization and invite platform. This plug-in classifies website and iOS application traffic.
33	ESK-M3	Infrastructure	TCP	This plug-in classifies the control protocol between ESK M3 Access Control module for forklifts and the P106 software that manage them.

Table 2: New Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
34	EUROPEAN-UNION-PORTAL	Web	HTTP/HTTP2/HTTPS/SPDY/SSL	Europa.eu is the official website for European Union. This plug-in classifies website traffic.
35	EXPERION	Custom	UDP	This plug-in classifies of Experion Control Builder for Server LX.
36	FILM2SERIAL-IR	Web	HTTP/HTTP2/HTTPS/SPDY/SSL	Film2Serial is an Iranian download website.
37	FEDEX	Web	ADOBE/GOOGLE-APPENGINE/GOOGLE-GEN/QUALTRICS/HTTP/HTTP2/HTTPS/SPDY/SSL	FedEx is a delivery services platform. This plug-in classifies website and iOS application traffic.
38	FONTAWESOME	Web	HTTP/HTTP2/HTTPS/SPDY/SSL	Font Awesome is a font and icon toolkit platform. This plug-in classifies the website traffic.
39	GO-DADDY	Web	OCSP/HTTP/HTTP2/HTTPS/SPDY/SSL	Go Daddy is a web hosting service that provides DNS reservation, files transfer through SFTP or FTP and professional emails.
40	GEFORCE-NOW	Gaming	NVIDIA/HTTP/HTTP2/HTTPS/SPDY/SSL	Geforce Now is the cloud gaming platform of Nvidia.

Table 2: New Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
41	GCORE-LABS	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	G-Core Labs is a CDN platform. This plug-in classifies website traffic.
42	GITV-TV	Multimedia	HTTP/HTTP2/ HTTPS/ SPDY/SSL	GITV is an internet television company providing systems, products for tv operators and also video contents. This plug-in classifies traffic to gitv.tv and gitv.cn.
43	HOTELS-COM	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Hotels.com is an online booking or finding hotels platform. This plug-in classifies website and iOS application traffic.
44	HEARTHSTONE	Gaming	BATTLENET/ HTTP/HTTP2/ HTTPS/ SPDY/TCP/UDP	Hearthstone is an online multiplayer card game. Activision-Blizzard develops and publishes Hearthstone.
45	IFUNNY	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Ifunny is a videos, memes, and pictures platform.
46	INTERCOM	Web	AMAZON/ GITHUB/HTTP/ HTTP2/HTTPS/ SPDY/SSL	Intercom provides a messaging platform for customers. This plug-in classifies the website traffic.
47	INTERTRUST	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Intertrust is a software technology company specializing in trusted distributed computing. This plug-in classifies the http and ssl traffic to intertrust.com.

Table 2: New Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
48	INDEED-COM	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Indeed is an online job search platform. This plug-in classifies website and iOS application traffic.
49	I FOOD	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	iFood is a food delivery platform in Mexico. This plug-in classifies website traffic.
50	INDIEGOGO	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Indiegogo is an online fund raiser platform for new ideas or product. This plug-in classifies website traffic.
51	JPUSH	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	JPush is a push notification platform. Jiguang owns JPush. This plug-in classifies traffic to jpush.cn and jpush.io.
52	JITSI	Multimedia	STUN/HTTP/ HTTP2/HTTPS/ SPDY/SSL	Jitsi is a VOIP and a Video Conferencing platform.
53	KICKSTARTER	Web	AMAZON/ QUALTRICS/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	Kickstarter is a platform for creative projects with funding goal and deadline. This plug-in classifies website and iOS application traffic.
54	KAYAK-COM	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Kayak is an online flight and hotel reservation and deals platform. This plug-in classifies website and iOS application traffic.

Table 2: New Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
55	LLDP	Infrastructure	ETH	Link Layer Discover Protocol (LLDP) is L2 protocol allowing device to advertize their configuration to other device of a LAN.
56	MDNS	Infrastructure	DNS	mDNS (Multicast DNS) simplifies network configuration. mDNS allows network devices to pick a domain name in the local DNS namespace and announce it using a subset of multicast IP address.
57	MLB-COM	Web	GCS/GOOGLE-GEN/ QUALTRICS/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	MLB.com is the official Major League Baseball website. This plug-in classifies website and iOS application traffic.
58	MNDP	Infrastructure	UDP	MNDP (MikroTik Neighbor Discovery protocol) is a discovery protocol allowing to identify other devices compatible with MNDP.
59	MYKET	Infrastructure	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Myket is an Iranian Android software store.
60	MAILSLOT	Infrastructure	SMB	Mailslot is an IPC (InterProcess communication) protocol available on Windows Operating System.

Table 2: New Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
61	MERCURY-MSP	Infrastructure	TCP/UDP	This plug-in classifies Mercury Security controllers communication protocol with TLS disabled. Mercury security controllers manage physical access control (doors and card readers) to buildings.
62	MINUTE-MEDIA	Web	AMAZON/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	Minute Media is a digital media company. This plug-in classifies website traffic.
63	NAMASHA	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Namasha is an Iranian video streaming platform.
64	NHL-COM	Web	BAMTECH/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	nhl.com is the National Hockey League official website. This plug-in classifies website and iOS application traffic.
65	NVIDIA	Web	ADOBE/ DISQUS/HTTP/ HTTP2/HTTPS/ SPDY/SSL	Nvidia is technology company. This plug-in classifies website traffic.
66	ONLYFANS	Web	AMAZON/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	Onlyfans is a social network to share photos and videos.

Table 2: New Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
67	PRICELINE-COM	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL/ ZENDESK/ HTTP-PROXY/ MICROSOFT/ QUIC/ WINDOWS- AZURE	Priceline is a travel services platform. This plug-in classifies website and iOS application traffic.
68	PATH-OF-EXILE	Gaming	HTTP/HTTP2/ HTTPS/ SPDY/SSL/TCP	Path of Exile is a free online-only action role-playing game.
69	PENDO	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Pendo is an user experience data manager and analytics platform. This plug-in classifies website browsing.
70	PLUTO-TV	Multimedia	AMAZON/ HTTP/HTTP2/ HTTPS/ SPDY/SSL/ ZENDESK	Pluto Tv is an Internet television platform. Not yet available in all countries.
71	REVOLUT	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Revolut is a British fintech company offering banking services through an application.
72	RAPPI	Web	AMAZON/ AMAZON- AWS/FCM/ GOOGLE-GEN/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	Rappi is an on-demand delivery platform for south America countries.

Table 2: New Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
73	REDIFF-COM	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Rediff.com is an online news, information and web portal. This plug-in classifies website traffic.
74	ROTTEN-TOMATOES	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Rotten Tomatoes is an information and reviews about movies website. This plug-in classifies website traffic.
75	RETAILMENOT	Web	AMAZON/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	RetailMeNot is an online coupon and deals platform. This plug-in classifies website and iOS application traffic.
76	SACE-EDU	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	This plug-in classifies SACE Education website access. SACE Education (South Australian Certificate of Education) is an online learning management system portal.
77	SINDELANTAL	Web	AMAZON/ ZENDESK/ HTTP/HTTP2/ HTTPS/SPDY/ SSLTHEFREEDIC TIONARY-COM	SinDelantal is a food delivery platform in Mexico. ifood acquires a part of SinDelantal.
78	SLICKDEALS	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Slickdeals is an online coupon and deals platform. This plug-in classifies website and iOS application traffic.

Table 2: New Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
79	SLATE-MAGAZINE	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Slate Magazine is an online news platform. This plug-in classifies website and iOS application traffic.
80	SPOTIFY-AUDIO	Multimedia	HTTP/HTTP2/ HTTPS/ SPDY/SSL/ SPOTIFY	This plug-in classifies Spotify audio streams.
81	SFGATE	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL/ SPOTIFY	SFGate is a San Francisco news website. This plug-in classifies website traffic.
82	SHATELLAND	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Shatelland is an Iranian video streaming platform.
83	SLMP	Infrastructure	TCP/UDP	SeamLess Message Protocol (SLMP) is for the control of Mitsubishi PLC devices.
84	TIME-NEWS	Web	AMAZON/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	Time is an American weekly news magazine and news website. This plug-in classifies website and iOS application traffic.
85	THEFREEDICTIONARY-COM	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	The Free Dictionary is an online dictionary aggregator. This plug-in classifies website and iOS application traffic.

Table 2: New Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
86	TELEGRAPH	Web	ADOBE/ AMAZON/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	The Telegraph is an online news platform. This plug-in classifies website and iOS application traffic.
87	TUBI-TV	Multimedia	ADRISE/ AMAZON-AWS/ CLOUDFLARE/ HTTP/HTTP2/ HTTPS/ SPDY/SSL/ ZENDESK	Tubi TV is a video streaming platform. adRise owns Tubi TV.
88	TUS-FILES	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	TusFiles is a cloud storage provider for online hosting and sharing of files. This plug-in classifies website traffic.
89	THE-DAILY-BEAST	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	The Daily Beast is an online news and opinion platform. This plug-in classifies website and iOS application traffic.
90	TMZ	Web	ADOBE/ AMAZON/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	TMZ is an online entertainment news platform. This plug-in classifies website and iOS application traffic.
91	TOTOK	Messaging	ALIBABA- CLOUD/UDP/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	ToTok is an instant messaging application.

Table 2: New Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
92	USERREPORT	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	UserReport is an analytics platform. This plug-in classifies website traffic.
93	UNITED-AIRLINES	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	The United Airlines website or application is the online flight reservation platform of United Airlines. This plug-in classifies website and iOS application traffic.
94	VMWARE-CLIENT	Remote-access	VMWARE-CLIENT/HTTP/ HTTP2/HTTPS/ SPDY/TCP/UDP /VMWARE	VMWare client is a protocol. VMWare application uses VMWare client to have network interfaces and remote access to a virtual machine.
95	VMWARE-BLAST	Infrastructure	UDP	Blast is a Virtual Desktop Infrastructure (VDI) protocol from VMWare. Blast is used for the Horizon platform.
96	VMWARE-HORIZON	Infrastructure	HTTP/HTTP2/ HTTPS/ SPDY/SSL/UDP/ VMWARE/ VMWARE-BLAST	Horizon is VMWare's Virtual Desktop Infrastructure (VDI). It is available both on-premises and in cloud version.
97	WARNER-MEDIA	Web	AMAZON/ HTTP/HTTP2/ HTTPS/ SPDY/SSL/ QUIC/TURNER	WarnerMedia is an American multinational mass media and entertainment conglomerate corporation. This plug-in classifies website traffic.

Table 2: New Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
98	WIRED-COM	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	Wired.com is an online version of Wired magazine. This plug-in classifies website and iOS application traffic.
99	WORDREFERENCE -COM	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL	WordReference.com is an online dictionaries, translator and word games. This plug-in classifies Wordreference website and iOS application.
100	WARGAMING	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL/ HTTP- PROXY/SIP/TCP /UDP	WarGaming is a video gaming company.
101	WORLD-OF- TANKS-BLITZ	Gaming	HTTP/HTTP2/ HTTP-PROXY/ HTTPS/IPP- IPV4/ JABBER/SIP/ SPDY/SSL/UDP/ WARGAMING	World Of Tanks Blitz, aka WOTB, is a massively multiplayer online Belarussian game. Wargaming.net developed WOTB.
102	XCLOUD	Gaming	HTTP/HTTP2/ HTTPS/ SPDY/SSL/UDP/ XBOXLIVE	Xcloud is the cloud gaming service from Xbox on android with the Game Pass Ultimate subscription.
103	YEECALL	Messaging	HTTP/HTTP2/ HTTPS/ SPDY/SSL	YeeCall is an instant messaging application.

Table 2: New Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
104	YUBO	Messaging	AMAZON-AWS/ HTTP/HTTP2/ HTTPS/ SPDY/SSL/ OPTIMICDN/RT P/ZENDESK	Yubo is a social network for finding new friends and live streaming. This plug-in classifies the applications and the website.
105	YY	Multimedia	DUOWAN/ HIIDO/HTTP/ HTTP2/HTTPS/ SPDY/SSL/UDP	YY is a Chinese video-based social network.
106	ZEROTIER	Infrastructure	HTTP/HTTP2/ HTTPS/ SPDY/SSL/UDP/ TCP	Zerotier is a peer-to-peer VPN for establishing a SDN over the Internet.

Updated Applications

Table 3 on page 19 lists the application updates in this release of JDPI-Decoder.

Table 3: Updated Applications

Sr. No.	Application Name	Application Type	Reported Over	Description
1	BIGO	Infrastructure	HTTP/HTTP2/ HTTPS/ SPDY/SSL/TCP/ UDP	Bigo Live is a live streaming platform.

Table 3: Updated Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
2	BOXDOTNET	Web	ADOBE/QUIC/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	This signature detects Box.com which is a Web-based file sharing application used to share files and documents with friends, family, and coworkers.
3	EVASIVE- PROTOCOL	Infrastructure	HTTP/HTTP2/ HTTPS/ SPDY/SSL	This protocol classifies common mechanisms that evasive applications use.
4	FTP	Infrastructure	HTTP-PROXY/ SOCKS4/ SOCKS5/TCP	This signature detects the File Transfer Protocol (FTP), which provides facilities for transferring files to and from remote computer systems. It usually runs on TCP port 21.
5	GOOGLE-MAPS	Web	GOOGLE-API/ GOOGLE-GEN/ GOOGLE- STATIC/HTTP/ HTTP2/HTTPS/ QUIC/ SPDY/SSL/ WINDOWS- AZURE	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.
6	HTTP	Web	HAPROXY/ HTTP-PROXY/ HTTP-TUNNEL/ NET-PROXY/ SOCKS4/ SOCKS5/TCP/U DP	This signature detects HyperText Transfer Protocol (HTTP). It defines how messages are formatted and transmitted and what actions Web servers and browsers should take in response to various commands. HTTP usually runs on TCP port 80.

Table 3: Updated Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
7	MS-TEAMS	Messaging	HTTP-PROXY/ MICROSOFT/ OFFICE365- CREATE- CONVERSATIO N/STUN/UDP/ HTTP/HTTP2/ HTTPS/ SPDY/SSL	Microsoft Teams is the chat-based workspace in Office 365. Most of the application traffic is classified as skype or office365
8	ONGUARD-CLIENT	Infrastructure	TCP	OnGuard is a product from Lenel for managing physical security of buildings. This plug-in classifies the connection from the client software to the server.
9	OFFICE365- CREATE- CONVERSATION	Web	HTTP/HTTP2/ HTTPS/ SPDY/SSL/	This signature detects a new email being creating in Office365. Office365 is the corporate cloud based office suite. This signature may require SSL Forward Proxy configuration.
10	PUBG	Gaming	HTTP/HTTP2/ HTTPS/ SPDY/SSL/TCP/ UDP/VIVOX/ UNREAL- ENGINE/ QQGAMES-2- TCP	PlayerUnknown's BattleGrounds is a First Personal Shooter (FPS) online video game.

Table 3: Updated Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
11	SPOTFLUX	Infrastructure	HTTP/HTTP2/ HTTPS/SPDY/ OPENVPN	VPN service which offers to protect the Internet connections of its users. This signature only classifies the Windows version of the application.
12	SIEMENS-APOGEE	Infrastructure	TCP	This plug-in classifies the main data protocol which are used for Siemens Apogee HVAC product line. This device also uses BACnet and other control protocols that are not covered here.
13	SMB	Infrastructure	NETBIOS/SMB-DIRECT/TCP	This protocol triggers when it detects Server Message Blocks (also known as Common Internet File System, CIFS). It operates as an application-layer network protocol mainly used to provide shared access to files and services between nodes on a network. Most usage of SMB involves computers running Microsoft Windows Operating Systems.

Table 3: Updated Applications (Continued)

Sr. No.	Application Name	Application Type	Reported Over	Description
14	POP3	Messaging	SOCKS4/ SOCKS5/TCP	This signature detects Post Office Protocol (POP), which is an application layer Internet standard protocol to retrieve e-mail from a remote server over a TCP/IP connection. It is one of the most prevalent Internet standard protocols for e-mail retrieval. POP3 server usually runs on TCP port 110.
15	JETDIRECT	Infrastructure	TCP	The Jetdirect protocol is used in HP network printers.
16	TOR	Infrastructure	HTTPS/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.
17	TEAMVIEWER	Web	HTTP/HTTP2/ HTTP-PROXY/ HTTPS/QUIC/ SPDY/SSL/TCP/ UDP	This signature detects the TeamViewer protocol (HTTP Mode).
18	YAHOO-VOICE	Messaging	SIP	This signature detects Yahoo! Voice, an extension of Yahoo! Messenger that allows users to make PC-to-phone voice calls.

Table 3: Updated Applications *(Continued)*

Sr. No.	Application Name	Application Type	Reported Over	Description
19	ZOOM	Messaging	HTTP/HTTP2/ HTTPS/ SPDY/SSL/TCP/ UDP/AMAZON/ ZENDESK	Zoom Video Conferencing, also referred to as Zoom by users, combines video conferencing, online meetings, and mobile collaboration into one platform.

Custom Applications

This release of JDPI-Decoder does not introduce any enhancements to the custom applications.

New or Modified Application Groups

[Table 4 on page 25](#) lists the application additions and modifications in this release of JDPI-Decoder.

Table 4: Modified Application Groups

Application Group Name	Applications Details
Applications:web	<p>Added 2CHECKOUT, AMBER-WEATHER, AMAZONPRIMENOW, BODET, BLAZE-NEWS, BAMBOO-HR, BILIBILI, CALLSTATS-IO, CHECKOUT-COM, CONTENTFUL, COURSERA, DATADOG, DISNEY, DIGICERT, DIGITAL-TURBINE, DOOSTIHAA, E-ONLINE, ETAHUB, EVENTBRITE, EUROPEANUNION-PORTAL, FILM2SERIAL-IR, FEDEX, FONTAWESOME, GO-DADDY, GCORE-LABS, HOTELS-COM, IFUNNY, INTERCOM, INTERTRUST, INDEED-COM, IFOOD, INDIEGOGO, JPUSH, KICKSTARTER, KAYAK-COM, MLB-COM, MINUTE-MEDIA, NAMASHA, NHL-COM, NVIDIA, ONLYFANS, PRICELINE-COM, PENDO, REVOLUT, RAPPI, ROTTEN-TOMATOES, REDIFF-COM, SHATELLAND, TIME-NEWS, TELEGRAPH, THEFREEDICTIONARY-COM, USERREPORT, RETAILMENOT, SACE-EDU, SINDELANTAL, SLICKDEALS, SLATE-MAGAZINE, SFGATE, TUS-FILES, THE-DAILY-BEAST, MLB-COM, TMZ, UNITED-AIRLINES, WARNER-MEDIA, WIRED-COM, WORDREFERENCE-COM, and WARGAMING applications to the application group.</p>
Applications:multimedia	<p>Added 7DIGITAL, ANTEN-IR, ADRISE, CONNATIX, DIRECTV-GO, GITV-TV, JITSU, PLUTO-TV, TUBI-TV, SPOTIFY-AUDIO, and YY applications to the application group.</p>
Applications:gaming	<p>Added ARENA-OF-VALOR, AKATSUKI, CALL-OF-DUTYMOBILE, GEFORCE-NOW, HEARTHSTONE, PATH-OF-EXILE, WORLD-OFTANKS-BLITZ, and XCLOUD applications to the application group.</p>

Table 4: Modified Application Groups (Continued)

Application Group Name	Applications Details
Applications:remote-access	Added ALEXA-ASSISTANT, and VMWARE-CLIENT applications to the application group.
Applications:custom	Added BODET-TIME, and EXPERION applications to the application group.
Applications:infrastructure	Added COZY, CONTPAQI, CAFE-BAZAAR, ESK-M3, LLDP, MDNS, MNDP, MYKET, MAILSLLOT, MERCURY-MSP, SLMP, VMWARE-BLAST, VMWAREHORIZON, and ZEROTIER applications to the application group.
Application:messaging	Added TOTOK, YEECALL, and YUBO applications to the application group.

Obsolete Applications

[Table 5 on page 27](#) shows the applications that are now obsolete either because they are no longer in use in the field or they have been replaced with more recent applications. While configuration commit will not fail if these obsolete applications are already configured, the recommendation is to remove these applications from configurations of AppSecure modules (AppFW, AppQoS, APBR, AppQoS and Unified Policy), as they will no longer be classified or reported. The applications which have been replaced are added as an alias under a related application which are provided in the specific reason column. You cannot configure a new policy with these obsolete applications, instead you can use the related applications mentioned in the specific reason column where available.

Table 5: Obsolete Applications

Sr. No.	Application Name	Specific Reason	Description
1	ETSI-LI	This application is deprecated and no longer supported.	ETSI-LI is a security process in which a service provider or network operator collects and provides law enforcement officials with intercepted communications of private individuals or organizations.
2	ZOOM-VIDEO	This application is deprecated and no longer supported.	Zoom Video Communications provides videotelephony and online chat services through a cloud-based peer-to-peer software platform and is used for teleconferencing, telecommuting, distance education, and social relations.
3	ZOOM-VOICE	This application is deprecated and no longer supported.	Zoom Voice is a cloud phone system that is available as an add-on to Zoom's video communications suite.

Resolved Issues

"[No Link Title](#)" describes the resolved issues in this release of JDPI-Decoder.

Table 6: Resolved Issue

Problem Report	Description
1575900	AppID is unable to detect JETDIRECT application.
1587851	AppID is unable to detect SIEMENS-APOGEE application.
1587949	AppID is unable to detect GoToMeeting application.

Requesting Technical Support

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- Creating a Service Request with JTAC | 29

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

June 09, 2021—Revision 1, JDPI Release Notes.

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