

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

April 25, 2018

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## Recent Release History

[Table 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	Features and Resolved Issues
April 25, 2018	The relevant signature package version is 3058.	1.340.0-57.005	This JDPI-Decoder version is supported on all Junos OS 12.1X47 and later releases on all supported SRX Series platforms for these releases.

## 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](#).

## New Features and Enhancements

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

- [New Software Features and Enhancements Introduced in JDPI-Decoder Release 3058 on page 2](#)
- [Applications on page 2](#)

### New Software Features and Enhancements Introduced in JDPI-Decoder Release 3058

The following sections describe new features and enhancements available in JDPI-Decoder Release 3058.

## Applications

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

*Table 2: Applications*

Application Name	Application Type	Description
8TRACKS	Web	Internet radio and social networking website based on user-made play lists streaming.
ABN-AMRO-BANKIEREN	Web	Dutch online banking website.

Table 2: Applications (continued)

Application Name	Application Type	Description
ACTUNIGER	Web	News web portal in Niger about politics, economy, and sports.
ADCOLONY	Web	AdColony is a mobile video advertising platform.
ADF	Web	Advertising platform providing an API to redirect websites using paid links.
ADFORM	Web	Global digital media advertising technology company.
ADJARA	Web	Global internet portal in Georgia.
ADK2	Web	Global provider of online advertising management and serving technologies and platforms.
ADP	Web	Provides human resources management software.
ADVECTION	Web	Advection.NET is a video delivery network with live and on-demand paid media features.
ADVENTORI	Web	ADventori is a data-driven adserver.
AERSERV	web	AerServ is a free mobile supply-side platform (SSP) and monetization platform.
AFRICAGUINEE	Web	Information web portal on Guinea and Africa.
AFRIKMAG	Web	African news website featuring articles about politics, cultural events, economy, and sports.
AIRKAST	Web	AirKast is one of the largest mobile publishers and ad networks for broadcasters and media companies in the US.
ALAYAM24	Web	News website in Morocco.
ALQUDS	Web	Palestinian news portal.
ALYAMANALARABY	Web	Worldwide news website famous in the Yemen.
AMAZON-CHIME	Messaging	Amazon Chime is a fully-managed communications service in the cloud.
AMAZON-MUSIC	Multimedia	Amazon Music is an online music store.
AMI	Web	Institutional news web portal in Mauritania.
ANDORNET	Web	Web services provider in Andorra.
ANNONCES	Web	Classified ads web portal from New Caledonia.

Table 2: Applications (continued)

Application Name	Application Type	Description
AREYOUAHUMAN	Infrastructure	Real time human input detection service for websites and applications.
ARGAAM	Web	Saudi stock exchange information web site.
ASKCOM	Web	Global news website popular in Algeria.
AUDIBLE	Multimedia	Audible Inc. is a seller and producer of spoken audio entertainment owned by Amazon.
AUTODESK	Infrastructure	Fusion 360 is a SaaS CAM and CAD application edited by Autodesk. This signature classifies the flows generated both by the web and desktop versions of the application. It also classifies generic web access to Autodesk's website.
AVAST	Web	Family of internet security applications developed by Avast software.
AZETONE	Web	Azetone is a complete platform that allows to fully analyze, optimize and personalize mobile applications.
BAGANMART	Web	Myanmar business-to-business e-commerce platform for trading and business networking.
BAIDU-MAPS	Web	Baidu Maps is a web mapping service application and technology provided by Baidu akin to Google Maps. Also classifies the Baidu Total View service, similar to Google Street View.
BANCO-INDUSTRIAL	Web	Banking website in Guatemala.
BANCOESTADO	Web	Website of a bank in Chile.
BANVENEZ	Web	Web portal of a bank in Venezuela.
BAZAARVOICE	Web	Bazaarvoice provides to companies solutions to gather consumer reviews and boost their sales.
BBS	Web	News web portal in Croatia.
BD24LIVE	Web	Online news portal in Bangladesh.
BDJOBS	Web	Largest job site in Bangladesh for job seeking and career counseling.
BEFORWARD	Web	Classified ads of Japanese used cars.
BEIRUTPRESS	Web	News web portal in Lebanon.

Table 2: Applications (continued)

Application Name	Application Type	Description
BERNEWS	Web	News web portal in Bermuda.
BET9JA	Web	Most famous sport betting website in Nigeria.
BIDSWITCH	Web	Bidswitch provides immediate and seamless real-time access for supply and demand partners across all media types.
BINT-JBEIL	Web	News website in Lebanon.
BITTORRENT-BUNDLE	Web	BitTorrent Bundle is a BitTorrent-sponsored torrent file download platform.
BLASTINGNEWS	Web	Blasting News is a global social news web magazine.
BOFA	Web	Signature which classifies user access to the Bank of America online service.
BONMARCHÉ	Web	Online shopping site in Madagascar.
BRAZZERS	Web	Brazzers is an adult website.
BRIGHTROLL	Web	BrightRoll is a video advertising software system developed by a company that became a subsidiary of Yahoo.
BSP	Web	Popular banking web portal in South Pacific.
BUGSNAG	Web	Bugsnag detects crashes and other errors in real-time from web and mobile applications.
BUJUMBURA	Web	News agency blog in Burundi.
BULAWAYO24	Web	Website for breaking news from Bulawayo, Zimbabwe, and worldwide updates.
BUZZHAND	Web	News web portal Bermuda.
BWIZA	Web	Local news web portal in Rwanda.
CAASIMADDA	Web	News web portal in Somalia.
CANALRCN	Web	Columbian private RCN Television website.
CARI	Web	Popular web portal providing information about Malaysia.
CAYMANNEWSSERVICE	Web	News website in Cayman Islands.
CDNETWORKS	Web	CDNetworks is a global content delivery network.

Table 2: Applications (continued)

Application Name	Application Type	Description
CHANNELMYANMAR	Web	Burmese movie download platform and web blog service.
CHEETAH-MOBILE	Web	Cheetah Mobile is a mobile application editor.
CHINA-YOUTH-LEAGUE	Web	News web portal in China.
CHINADAILY	Web	Chinese website providing articles on topics such as communication, lifestyle, work, money, health or technology.
CIBERCUBA	Web	News website in Cuba.
CIP	Infrastructure	The Common Industrial Protocol (CIP) is an industrial protocol for industrial automation applications.
CITRIX-PVS	Infrastructure	Citrix PVS provides an infrastructure to stream shared Xen Virtual Machine images (vDisk) to hosts. This protocol plug-in classifies the soap to stream process manager communication protocol used by Citrix PVS.
CLASH-OF-CLANS	Gaming	Clash of Clans is a free-to-play mobile MMO strategy video game developed by Supercell.
CLICKTALE	Web	Clicktale is a customer experience analytics platform.
CLOUDINARY	Web	Cloudinary is a cloud service.
CoAP	Infrastructure	CoAP (Constrained Application Protocol) is a specialized web transfer protocol for use with constrained nodes and constrained networks in the internet of things.
CONVERSANT	Web	Conversant is an online advertising company.
COROTOS	Web	Classified ads website in Dominican Republic.
CORRIERE	Web	Global news website from Italy.
CRYPTOSPOUT	Web	Free web service where users can collect free cryptocurrencies for some of the largest cryptocurrencies available.
CURAPELANATUREZA	Web	Blog dedicated to health and wellness, popular in Brazil.
CWSEYCHELLES	Web	Internet services provider in the Seychelles, providing access and hosting services.
DA7YE	Web	News website in Lebanon.
DAILY-PAKISTAN	Web	Daily newspaper web portal from Pakistan.

Table 2: Applications (continued)

Application Name	Application Type	Description
DAMEWARE	Remote-access	DameWare is a remote access software for end user support and systems troubleshooting. This signature classifies the DMRC (DameWare Mini Remote Control) native protocol, as well as basic web access performed by the DameWare platform. DameWare also uses the RFB and RDP protocols.
DARAZ	Web	Online shopping mall in Pakistan.
DIANPING	Web	Chinese group buying website selling vouchers on local services and entertainment.
DIVAR	Web	Classified ads platform in Iran.
DNEVNIK	Web	News web portal in Croatia.
DNS2TCP	Infrastructure	Dns2tcp is a solution which provides tunneling through the standard DNS protocol.
DOCUSIGN	Web	Company providing electronic signature technology and digital transaction services for facilitating electronic exchanges of contracts and signed documents.
DOSTOR	Web	News web portal popular in Egypt.
DOUBLEVERIFY	Web	DoubleVerify provides online media verification and campaign effectiveness solutions for marketers, advertisers and digital publishers.
DOUYU	Web	Douyu is a live gaming video site.
DUODECAD-ITS	Web	Duodecad IT Services Luxembourg is developing and operating multimedia services.
DWAROZH	Web	Iraqi news and live radio web portal.
DWTONLINE	Web	Daily Surinamese newspaper web portal.
DWU	Web	Website of a Catholic university in Papua New Guinea.
E-BOKS	Web	Popular free online secured digital mailbox service for individuals and companies in Denmark.
EARTHLINKTELE	Web	Internet, cloud, enterprise network and cloud services provider.
ECAYTRADE	Web	Classified ads web portal from Cayman Islands.
EDU365	Web	Schools management information system provider.
EL-NACIONAL	Web	Famous newspaper web portal in Venezuela.

Table 2: Applications (continued)

Application Name	Application Type	Description
ELBOTOLA	Web	Football related news and social website in Morocco.
ELHAWD	Web	News web portal dedicated to Africa news, popular in Senegal and Mauritania.
ELKHADRA	Web	Business, money and financial news website popular in Algeria.
ELNOTICIERO	Web	Ecuadorian general news website owned by TC Television.
EMANSION-LR	Web	Official government website of Liberia.
EMISORAS-UNIDAS	Web	Online radio and news portal from Guatemala.
EMOO	Web	Local online community website from Bermuda, featuring classified ads, directory, and guides.
ENIP	Infrastructure	ENIP (EtherNet/IP) is an industrial network protocol that adapts the Common Industrial Protocol to standard Ethernet.
ENSONHABER	Web	News portal popular in Turkey.
EPA	Web	Celebrity news website in Paraguay.
ESKIMI	Web	Eskimi is a social networking platform and online chat.
ESSADA	Web	News web portal popular in Tunisia.
ESSAHA	Web	Infotainment web portal popular in Mauritania.
ESTADIO	Web	Sports news web portal in Ecuador.
ETECSA	Web	Government owned telecommunication service provider for the Island of Cuba.
EXELATE	Web	eXelate is a provider of data technology powering the digital marketing.
FACEBOOK-LIVE	Multimedia	Free live video streaming service by Facebook. This signature only classifies the live video streaming making (upstream) from the official Facebook mobile application. The live video watching is classified as facebook_video.
FATUNETWORK	Web	Popular news and entertainment web portal in Gambia.
FBCDN	Web	Facebook Content Delivery Network (CDN) service is mostly used for static content access such as photos.



Table 2: Applications (continued)

Application Name	Application Type	Description
FCM	Web	Firebase Cloud Messaging (FCM) is the new version of GCM. FCM is a cross-platform messaging solution by Google.
FIJIVILLAGE	Web	News web portal for announcements, community information, business and shopping directory, and radio stations in Fiji.
FLASHTALKING	Web	Flashtalking is an ad serving, tracking, and analytic technology company.
FNU	Web	Website of the Fiji National University.
FREEDOMNEWSPAPER	Web	Online newspaper portal popular in Gambia.
FUNCAPTCHA	Web	Funcaptcha is a software to stop spam, verify humans and earn revenue.
GABONREVIEW	Web	Daily news website in Gabon.
GAME-CENTER	Web	Online multiplayer social gaming network by Apple.
GAZETABLIC	Web	Web portal featuring breaking news, analysis, and commentary from Kosovo.
GDB-REMOTE	Infrastructure	GDB Remote is a serial protocol used connect GDB to a remote running target program and debug it.
GOLDENFROG	Web	Golden Frog develops software and online services focused on privacy and security.
GOOGLE-CLASSROOM	Web	Learning management system for schools by Google.
GOOGLE-INBOX	Web	Inbox by Gmail is an e-mail application by Google. The application is focused on improving e-mail productivity and organization.
GOOGLE-LOCALGUIDES	Web	Local Guides is a global community of explorers sharing their discoveries on Google Maps.
GOOGLE-PHOTOS	Web	Google Photos is a digital photo and video organizer used to edit and synchronize pictures or videos over the web. It replaces Google Picasa. This signature only classifies a small portion of the application access. The other streams are classified as generic Google flows.
GOOGLE-SPACES	Web	A cross-platform application developed by Google for group messaging and sharing.
GOOGLE-SPRAYSCAPE	Web	Sprayscape is a photo application for android mobile devices, developed by Google.

Table 2: Applications (continued)

Application Name	Application Type	Description
GOOSE	Infrastructure	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.
GOZAMBIAJOBS	Web	Job seeking website in Zambia.
GREENAREA	Web	Lebanon news website publishing environmental, political, social, science, technology and varieties news.
GUINEENEWS	Web	News and classified ads website popular in Guinea.
HAMARIWEB	Web	Infotainment web portal in Pakistan.
HAMBASTAGI	Web	Web portal of the Solidarity Party of Afghanistan.
HANDYCAFE	Web	Cyber internet café management software including monitoring, membership accounting, and firewall.
HAQQIN	Web	News website in Armenia.
HEROKU	Web	Heroku is a cloud platform as a service (PaaS) supporting several programming languages that is used as a web application deployment model.
HIGHWINDS	Web	Highwinds is a content delivery network.
HIRUNews	Web	News portal in Sri Lanka, broadcasting in Sinhalese, Tamil, and English.
HITBOX	Web	Hitbox is a gaming and eSports live streaming platform.
HK-OBSERVATORY	Web	HK Observatory is a weather forecast service in Hong Kong.
HOCKEYCURVE	Web	Hockey Curve is a marketing technology service provider.
HOLA	Web	News and lifestyle web portal popular in Andorra.
HOLA-WEBPROXY	Web	Free web proxy enabling users to browse the web without censorship or bandwidth throttling.
HONEYWELL-PHD	Infrastructure	Traffic related to Honeywell Process History Database (PHD).
HORIZON-GO	Multimedia	Horizon GO provides live TV, streams movies and series on demand.
HOTJAR	Web	Hotjar is a web and mobile website analytics services, providing heatmap, survey, and feedback.

Table 2: Applications (continued)

Application Name	Application Type	Description
HTTP-PROXY	Web	Indicates that a flow is proxied through HTTP CONNECT mechanism.
HUAWEI	Web	Huawei is a Chinese multinational networking and telecommunications equipment and services company.
HUAWEI-UPDATE	Infrastructure	Huawei Update classifies Huawei mobile device updates.
IBM-TEALEAF	Web	Tealeaf is a provider of digital customer experience management and customer behavior analysis solutions, is now a part of Customer Analytics at IBM. Tealeaf customer experience management solutions provide critical visibility, insight and answers to help companies meet online conversion and customer retention objectives.
ICY	Multimedia	ICY is the former version of the SHOUTcast streaming protocol, developed by Nullsoft.
IDOKEP	Web	Famous weather forecast website in Hungary.
IFILMTV	Multimedia	iFilmTV is an Iranian television portal, featuring live TV streaming. This signature classifies live TV, as well as video trailers and clips playing.
IMYANMARHOUSE	Web	Classified ads website in Myanmar.
INEWSMALTA	Web	News web portal in Malta.
INFOBAE	Web	News website in Argentina.
INNFRAD	Web	News website in Egypt.
INNOVID	Web	Innovid is a video platform for advertisers to measure video experience (QoE) on several devices.
INYARWANDA		Generic web portal in Rwanda, featuring news, music, photos, and videos.
ITSUP	Web	Itsup tracks, analyzes and optimizes online advertising campaigns in real-time.
IWARP	Infrastructure	IWARP (Internet Wide Area RDMA Protocol) is a protocol suite that implements Remote Direct Memory Access for efficient data transfer.
JAVEDCH	Web	News web portal in Bahrain.
JETAOSHQEF	Web	Albanian site providing viral news and humoristic facts.
JOQ	Web	Entertainment blog articles from Albania.

Table 2: Applications (continued)

Application Name	Application Type	Description
KAIETEURNEWSONLINE	Web	Newspaper blog in Guyana.
KALERKANTHO	Web	News web portal in Bangladesh.
KASVYKSTA	Web	News web portal about cultural events happening in Lithuania.
KBN-LIVE	Web	Breaking news website in Cambodia.
KHMEREAD	Web	News web portal in Cambodia.
KINOGO	Web	Pirate movie streaming and download blog popular in Armenia.
KUNDO	Web	Kundo offers simple and powerful tools for customer service.
LAACIBNET	Web	Sports news portal dedicated to football in Somalia.
LEFASO	Web	News website in Burkina Faso.
LIFTOFF	Web	Liftoff is a mobile application marketing and retargeting platform.
LIGHTSTREAMER	Web	Lightstreamer is a real-time engine that delivers data over HTTP and WebSockets. This signature only classifies the HTTP flows.
LIVESCORE	Web	Sports web portal providing real time football match scores.
LOOPPNG	Web	Main news and entertainment web portal in Papua New Guinea.
LUSAKATIMES	Web	News web portal in Zambia for politics, sports, and health.
LYNDA	Web	Lynda.com is an online education company. It is owned by LinkedIn.
MALIJET	Web	News web portal in Mali.
MALIWEB	Web	News and classified ads portal in Mali.
MANGVIECLAM	Web	Job seeking website in Vietnam.
MANX	Web	Telecom provider on the Isle of Man, also providing a portal with news, classifieds, features, and jobs.
MAXCDN	Web	MaxCDN is a content delivery network (CDN) provider.

Table 2: Applications (continued)

Application Name	Application Type	Description
MEBC	Web	The Middle East Broadcasting Center Group is a free-to-air TV broadcasting company in the Arab World.
MEDIA-INNOVATION-GROUP	Web	The Media Innovation Group is specialized in online digital advertising, search marketing.
MEDIACONGO	Web	News and classified ads portal in the Democratic Republic of Congo.
MEITUAN	Web	Chinese group buying website selling vouchers on local services and entertainment.
MENSTYLEFASHION	Web	Website with fashion and lifestyle articles, popular in Andorra.
MEROJAX	Web	Armenian internet portal featuring TV series, shows, movies, music, and radio.
MGID	Web	MGID is an ad network.
MIHAARU	Web	The most trusted news source in the Maldives.
MILLARDAYO	Web	Global news portal in Tanzania.
MINGPAO	Web	Web portal of a famous newspaper published in Hong Kong.
MMM-NIGERIA	Web	Social Financial Network system web portal, famous in Nigeria.
MOBFOX	Web	Mobfox is a mobile advertising platform.
MOI-QATAR	Web	Ministry of Interior of Qatar.
MOTINEWS	Web	News and trending popular website in Mauritius.
MOVIE2FREE	Web	Thai movie streaming site and web blog.
MOVITEL	Web	Telecom and internet service provider in Mozambique.
MP3TECA	Web	MP3 audio streaming website featuring full albums listening and download.
MTN	Web	Web portal of a multinational mobile telecommunications company in South Africa.
MYANMARLOAD	Web	Infotainment website in Myanmar.
MYDIV	Web	MyDiv is a Russian site for downloading software, games, drivers, and scripts.

Table 2: Applications (continued)

Application Name	Application Type	Description
MYWAY	Web	Myway.com is a browser hijacker (malware) which changes web browser settings acting like a browser add-on.
NABLUSLIVE	Web	News portal in Palestinian Territory.
NABLUSTV	Web	Popular Palestinian news portal owned by Paltel.
NAIJ	Web	Nigerian web portal, providing news coverage, music, weather, jokes, job, games, and events.
NAMIBIAN	Web	Daily newspaper in Namibia.
NAMU	Web	The most popular Korean language wiki website.
NAUTA	Web	Popular webmail service in Cuba.
NCORE	Web	Famous Hungarian BitTorrent tracker.
NEPWORLDWIDE	Web	NEP Worldwide is a video broadcaster.
NETPERFORM	Web	Mobile application from Vodafone allowing mobile network performance benchmark and data usage follow-up.
NETWORK-RADAR	Infrastructure	Network Radar is a network scanning and managing tool.
NEW-RELIC	Web	Application performance monitoring and real-time analytics solutions.
NEWS24NEPAL	Web	Infotainment web site in Nepal.
NEWS784	Web	Leading online news website from St Vincent and the Grenadines.
NEWSDAY	Web	National news website from Zimbabwe.
NFS4	Infrastructure	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.
NIEUWSBLAD	Web	Popular news portal in Belgium.
NIGEREMPLOI	Web	Job seeking website in Niger.
NINTENDO	Web	Japanese multinational video game company.
NSH	Infrastructure	NSH (Network Service Header) is an encapsulation protocol used for service functions chaining. This protocol is only supported when running on ixE 5.1 or higher flow manager.

Table 2: Applications (continued)

Application Name	Application Type	Description
NTD	Web	News web portal of a television broadcaster based in New York City.
NTVBD	Web	Bilingual (Bangla and English) infotainment portal covering latest news and entertainment program.
NUOMI	Web	Nuomi.com is a popular group-buying site in China.
NUR	Web	Kazakhstani news portal.
NUST	Web	General information web site of the Namibia University of Science and Technology.
NYASATIMES	Web	Web portal for breaking news, business, sports, and tourism in Malawi.
OCS	Web	OCS is a French digital TV package composed of movies and series channels.
OKTA	Web	Authentication and identity management cloud services, provided as a SaaS platform.
ONEF-BF	Web	Job seeking website in Burkina Faso.
ONTESTS	Web	Guessing game website connected with Facebook, popular in Bolivia.
OPCUA	Infrastructure	OPC is the interoperability standard for the secure and reliable exchange of data in the industrial automation space and in other industries. This plug-in classifies the OPC Unified Architecture (UA) binary protocol over TCP.
OPENRICE	Web	OpenRice is an online restaurants guide in Hong Kong.
OPENRTB	Web	OpenRTB is a protocol for the automated trading of digital media across a broad range of platforms, devices, and advertising networks.
ORACLE-RAC	Infrastructure	Oracle Real Application Clusters (Oracle RAC) is an option for Oracle Database that provides clustering and high availability. This protocol plug-in classifies the proprietary Oracle UDP IPC protocol only, not the Open Source RDS protocol.
ORIENTAL-DAILY	Web	Oriental Daily news portal includes e-paper versions of the Oriental Daily and Sun Daily newspapers in Hong Kong.
OWS	Web	Software editor of secured messaging applications.
PADABUM	Web	Padabum is a Russian e-books download website.

Table 2: Applications (continued)

Application Name	Application Type	Description
PANORAMIO	Web	Panoramio is a geolocalized photo-sharing website.
PBX	Web	Symantex Private Branch Exchange service protocol, used in the Veritas NetBackup data backup software.
PCLOUD	Web	Personal and business online storage web service.
PMHOTNEWS	Web	The Popular Magazine is a web portal featuring entertainment news in Cambodia.
POPADS	Web	Online advertising solutions provider.
PORN555	Web	Popular adult videos web site.
PORNSURVEY	Web	The Porn Survey promotes various adult offers.
PORTALANALITIKA	Web	Generic news portal in Montenegro.
PROFINET	Infrastructure	PROFINET (Process Field Net) is an industry technical standard for data communication over industrial ethernet, designed for controlling and collecting data from equipment in industrial systems, with a particular strength in delivering data under tight time constraints (1 ms or less). The standard is maintained and supported by Profibus and Profinet international, an umbrella organization headquartered in Karlsruhe, Germany.
PRONTO	Messaging	Pronto is the XIMSS protocol used by CommuniGate Pro.
PROTHOM-ALO	Web	Online portal for newspaper in Bangladesh.
PULSEPOINT	Web	PulsePoint is a programmatic advertising technology company.
QATARAIRWAYS	Web	Qatar Airways is the state-owned airline company of Qatar.
QQ-DANCER	Gaming	QQ dancer is an online multiplayer dancing and music game from Tencent.
QQ-R2	Gaming	QQ R2 is an online multiplayer game from Tencent. The game provides multiple games, chat, and web browsing services.
QQ-SPEED	Gaming	QQ speed is an online multiplayer dancing and music game from Tencent.
QQVIDEO	Web	QQVideo is the QQ video service platform.
RABO-BANKIEREN	Web	Dutch online banking website.



Table 2: Applications (continued)

Application Name	Application Type	Description
RADIOOKAPI	Web	News website founded by the United Nations Mission in the Democratic Republic of Congo (MONUC) and the Swiss NGO Fondation Hirondelle.
RADIUMONE	Web	RadiumOne is an advertising platform which covers online, video, social and mobile advertising.
RAINBOW	Messaging	Rainbow is an instant messaging and VoIP application by Alcatel-Lucent Enterprise.
RANAP	Infrastructure	RANAP (Radio Access Network Application Part) is used in RAN (Radio Access Network). It is responsible for the signalling service between UTRAN (Universal Terrestrial Radio Access Network) or GERAN (GSM Edge Radio Access Network).
RAPPLER	Web	Rappler is a social news network.
RATOPATI	Web	Web portal for politics, national and international issues, sports, entertainment and other news from Nepal.
RCSC	Web	Web portal of the Royal Government of Bhutan.
REFLECTED-NETWORKS	Web	Reflected Networks is a managed hosting and custom hosting solutions.
REPUBLIKA-SLOVENIJA	Web	Web portal of the Slovenian government.
REVCONTENT	Web	Revcontent is a content recommendation platform.
REVOLICO	Web	Popular classified ads website in Cuba.
RMIX	Web	Ramallah Mix is a generic news and entertainment portal in Palestinian Territory.
ROLLOID	Web	Infotainment website in Andorra.
ROYALGAZETTE	Web	Bermudian newspaper web portal.
ROZETKA	Web	Online shopping website from Ukraine.
SALESFORCE-CHATTER	Web	Salesforce Chatter is a collaboration and instant messaging tool, part of the Salesforce CRM product.
SAMANEWS	Web	News web portal popular in Palestinian Territory.
SAMSUNG-UPDATE	Web	Samsung Update classifies Samsung mobile device updates.

Table 2: Applications (continued)

Application Name	Application Type	Description
SAVEFROM	Web	File download service, allowing a user to download a media resource from many sites like YouTube.
SHARETHROUGH	Web	Sharethrough is an advertising software for publishers, application developers and advertisers.
SHQIPERIAIME	Web	Albanian news portal.
SHUTTERSTOCK	Web	Shutterstock is a global marketplace for images, videos, and music.
SIGNAL-PRIVATE-MESSENGER	Messaging	Open Whisper Systems (OWS) instant messaging mobile application that implements the signal secured protocol.
SINA-WEBMAIL	Web	Sina Webmail is a Chinese webmail.
SINOPTIK	Web	Weather forecast website in Bulgaria.
SITEL	Web	News web portal popular in Macedonia.
SLD	Web	Web portal about healthcare, news, and resources, from Cuba.
SMB-DIRECT	Infrastructure	SMB Direct protocol is a transmission protocol which allows higher throughput when exchanging data using SMB.
SOLARWINDS	Web	SolarWinds Inc. develops enterprise information technology infrastructure management software for IT professionals.
SOMALIJOBS	Web	Job seeking website in Somalia.
SOMON	Web	Classified ads website in Tajikistan.
SONOBI	Web	Sonobi is an ad technology developer that designs advertising tools and solutions.
SPOTFLUX	Web	VPN service which offers to protect the Internet connections of its users. This signature only classifies the windows version of the application.
ST-LUCIA-NEWS-ONLINE	Web	Local news web portal from Saint Lucia island.
STACKEXCHANGE	Web	Stack Exchange is a network of English language sites for collaborative editing questions and answers, each dealing with a particular theme.
STARNIEUWS	Web	Non-stop news from Suriname, featuring videos, articles, and documents.

Table 2: Applications (continued)

Application Name	Application Type	Description
STATE-BANK-OF-INDIA	Web	Internet portal of the SBI Indian bank.
STREAMRAIL	Web	StreamRail is a video advertising technology platform.
SUGKLONISTIKO	Web	News and entertainment web portal in Greece.
SUPER-MARIO-RUN	Gaming	Online mobile game by Nintendo.
SUPERCELL	Web	Supercell is a video game developer and editor.
SWITCH-CONCEPTS	Web	Switch is a UK based advertising system.
SYRI	Web	Popular news website in Albania.
T-MOBILE-APP	Web	T-Mobile is a global mobile phone operator.
T-MOBILE-CLOUD	Web	T-Mobile Cloud is the T-Mobile cloud service.
TAJFILE	Web	Direct download pirate movie portal in Tajikistan.
TAKEALOT	Web	Online shopping portal in South Africa.
TAMTAMINFO	Web	News web portal in Niger.
TAPCHISAO	Web	News and entertainment portal from Vietnam.
TAQADOUMI	Web	Famous news blog in Mauritania.
TEADS	Web	Teads is a video advertising platform.
TEALIUM	Web	Tealium sells enterprise tag management and marketing software.
TEBYAN	Web	Popular infotainment portal in Iran.
TELETICA	Web	TV calendar service and news web portal in Costa Rica.
THADINATIN	Web	Popular infotainment portal in Myanmar.
THETHAO247	Web	Football news site mostly watched in Vietnam.

Table 2: Applications (continued)

Application Name	Application Type	Description
THUNDER	Web	Xunlei/Thunder is a Chinese multi-protocol download manager. It uses several DDL websites and point-to-point protocols to retrieve files. This plug-in only classifies Thunder-specific point-to-point protocols, and miscellaneous HTTP/HTTPS traffic related to the Xunlei/Thunder application. Downloads made by the application from public HTTP or FTP websites would not be classified as thunder, but as http and ftp_data for most of them. The usage of third party point-to-point protocols would not be classified as thunder, but as bittorrent or edonkey instead.
TI-LES-TWRA	Web	Buzzing content web portal popular in Greece.
TIDAL	Multimedia	Tidal is a high-fidelity music and video clips streaming service for PC and mobile devices.
TINDER	Web	Online dating application.
TOKOPEDIA	Web	Indonesian general online store.
TOPVIDEO	Web	Video streaming webportal in Tajikistan.
TOPVLDEO	Web	Video sharing and streaming platform in Tajikistan.
TORI	Web	Classified ads website in Finland.
TORRENT9	Web	Popular torrent file (P2P) search engine and download web site.
TORRENTKIM5	Web	Torrent file (P2P) search engine and download web site popular in South Korea.
TRIPPY	Web	Trippy is a social network where users share questions and answers about destinations they have visited around the globe.
TUBEREL	Web	Adult video website.
TUKO	Web	Trending news, viral content, gossip and entertainment news from Kenya.
TUNIGATE	Web	News web portal in Tunisia.
TURBO	Web	Car classified ads site in Azerbaijan.
TURBOBIT	Web	File hosting and sharing service.
TVM	Web	TV channel web portal from Malta, featuring live streaming.
TVN-NOTICIAS	Web	Web portal of a news TV channel in Panama.

Table 2: Applications (continued)

Application Name	Application Type	Description
TWIPPLE	Web	Japanese application for posting cute images on Twitter.
TXXX	Web	Adult video website.
UAUDP	Multimedia	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 Q_PROTO_UAUDP_OPCODE attribute value is 0x15 or 0x16. The RTP flows announced by a UA/UDP session will be classified as uaudp_rtp by the ix engine.
UAUDP-RTP	Multimedia	RTP media flow originated from a UA/UDP (Alcatel-Lucent Enterprise signaling protocol) session.
UBER	Web	Uber is an american online transportation network company which connects smartphone consumers looking for a trip with drivers.
UBUNTU	Web	Ubuntu is an open source software platform.
UKWEZI	Web	Popular news web site in Rwanda.
ULP	Infrastructure	User-plane Location Protocol (ULP) is used for data exchange as part of assisted GPS.
UMAC	Web	Web portal of the University of Macau.
UMURYANGO	Web	News portal in Rwanda.
UMUSEKE	Web	News and media web portal in Rwanda.
UNAMEXICO	Web	Web portal of a major university in Mexico.
UNAMIBIA	Web	Web portal of a major university in Namibia.
UNEGUI	Web	Classified ads web service in Mongolia.
UNIVERSITI-BRUNEI-DARUSSALAM	Web	Website of a major university in Brunei.
UNIVERSITY-OF-BOTSWANA	Web	Web portal of the University of Botswana.
UPTOBOX	Web	File hosting web service for sharing files up to 1024MB each.
USBMUX	Infrastructure	iTunes communicates with the iPhone using something called usbmux, this is a system for multiplexing several connections.
USP	Web	Web site of the University of the South Pacific.
UWI	Web	Web portal of the University of The West Indies.

Table 2: Applications (continued)

Application Name	Application Type	Description
UZ-AC	Web	General information, student directory, and links to internal resources of the University of Zimbabwe.
VAGUTHU	Web	News website in Maldives.
VERTAMEDIA	Web	VertaMedia is a Supply-Side Platform with its own Video Ad Marketplace.
VESTNIKTM	Web	Classified ads website in Turkmenistan.
VIDEOLAND	Multimedia	Videoland is a video-on-demand service. When video streaming is hosted on NEP Worldwide servers, this traffic is classified as nepworldwide.
VIDYARD	Web	Vidyard is a video marketing platform.
VISA-CHECKOUT	Web	Visa Checkout provides a single sign-in service to pay for online shopping purchases.
VMOTION	Infrastructure	vMotion is the VMware protocol which allows hot migration of virtual machines between different vSphere servers running on different hosts.
VNETIP	Infrastructure	Yokogawa's control communication network approved by international standards (IEC 61784-2 Ed.2.0).
WALMART	Web	E-commerce website of the famous American retail chain.
WEBORAMA	Web	Weborama is specialized in marketing data collection, and advertising campaigns online broadcasting.
WEIPHONE	Web	Weiphone.com is a Chinese iPhone community.
WELLSFARGO	Web	Wells Fargo online banking web portal.
WIMP	Web	WiMP is a music streaming service.
WIX	Web	Wix.com is a web development platform to create and host websites.
WSMAN	Infrastructure	SOAP-based protocol for managing computer systems (Web Services Management). This signature classifies the standard HTTP API.
XIPH	Web	Xiph is non-profit corporation dedicated to protecting multimedia from control by private interests.
XLOVECAME	Web	Xlovecam is an adult webcam website.

Table 2: Applications (continued)

Application Name	Application Type	Description
XMCP	Infrastructure	Cisco External Client Protocol to interact with service routing-enabled network
YANDEX-DISK	Web	Yandex Disk is a Russian file sharing service.
YANDEX-FOTKI	Web	Yandex Fotki (Yandex Photos) is the Yandex photo service.
YANDEX-MAPS	Web	Yandex Maps is the Yandex map service.
YANDEX-MUSIC	Multimedia	Yandex Music is a music and radio streaming web service by Yandex. Most of the traffic is classified as Yandex only.
YANDEX-VIDEO	Web	Yandex Video is a video streaming web portal showing YouTube videos.
YASOUR	Web	Generic content and entertainment website in Lebanon.
YEN	Web	Ghanian news and entertainment web portal.
YIELDMO	Web	Yieldmo is a mobile advertising technology company.
YOUNOW	Web	YouNow is a live webcast service.
ZAHRAA	Web	Global news website from Mauritania.
ZAMBIAWATCHDOG	Web	Breaking and investigate news on Zambia.
ZHIHU	Web	Famous Chinese question and answer website.
ZIMEYE	Web	Popular news portal in Zimbabwe.
ZIPPYSHARE	Web	File hosting and sharing services.
ZONE-TELECHARGEMENT	Web	Pirate direct download website featuring movies and series.
ZOOM	Messaging	Zoom Video Conferencing, also referred to as Zoom by users, combines video conferencing, online meetings, and mobile collaboration into one platform.
ZWHERALD	Web	News portal in Zimbabwe.

## Resolved Issues

Table 3 describes the issues that have been resolved in this release of JDPI-Decoder.

**Table 3: Resolved Issues**

PR	Description
JDPI–Decoder	
1116801	JDPI supports Dameware application.
1221098	New application ID signatures are introduced to detect industrial control system protocols and commands.
1234609	New application ID signatures are introduced to detect yandex, Odnoklassniki, VKontakte, and Mailru application services.
1244586	Hotspot-shield application ID signature is not triggered.
1247830	Blacklist or whitelist for domain name does not happen after EHLO or HELO.
1257194	Expected cache is not generated for the application system cache in recent security packages.
1323035	Application ID signature is unable to detect Ultrasurf.
1326326	When SSL forward proxy is not enabled and server is in whitelist with SSL traffic, the expected cache is not displayed under <b>appid application-system-cache</b> .
1339389	Dynamic applications are configured with incorrect default ports.



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## 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/>
- Open a case online in the CSC Case Management tool: <https://www.juniper.net/cm/>

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

## Opening a Case with JTAC

You can open a case with JTAC on the Web or by telephone.

- Use the Case Management tool in the CSC at <https://www.juniper.net/cm/>.
- 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://www.juniper.net/support/requesting-support.html>.

## Revision History

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April 25, 2018—Revision 1, JDPI Release Notes

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