

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

March 24, 2017

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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
March 24, 2017	The relevant signature package version is 2840.	1.270.0-37.005	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 2840 on page 2](#)
- [Applications on page 2](#)

New Software Features and Enhancements Introduced in JDPI-Decoder Release 2840

The following sections describe new features and enhancements available in JDPI-Decoder Release 2840.

Applications

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

Table 2: Applications

Application Name	Application Type	Description
GIPHY	Web	Giphy is a service which allows to share and discover animated GIFs in several mobile applications, like Tinder, Whatsapp, etc.

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	
1233998	The ultrasurf application signature does not detect the ultrasurf server connection.
1243986	The sender_domain context is not propagated when DSN is used in mail from command.
1244337	On executing the FETCH command, the METHOD context is triggered at the wrong place.
1244709	SMTP email_size context propagates wrong email size.
1249054	Sessions of Windows Update are not classified as " MICROSOFT-UPDATE "; instead, some sessions are classified as " MICROSOFT-LIVE-SERVICES ".
1251289	The flowd_xlr core dump error occurred on both cluster nodes.
1253697	The flowd core dump error occurs in SRX devices every six hours.

Requesting Technical Support

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 <http://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: <http://www.juniper.net/customers/support/>
- Search for known bugs: <http://www2.juniper.net/kb/>
- Find product documentation: <http://www.juniper.net/techpubs/>
- Find solutions and answer questions using our Knowledge Base: <http://kb.juniper.net/>
- Download the latest versions of software and review release notes: <http://www.juniper.net/customers/csc/software/>
- Search technical bulletins for relevant hardware and software notifications: <http://kb.juniper.net/InfoCenter/>
- Join and participate in the Juniper Networks Community Forum: <http://www.juniper.net/company/communities/>
- Open a case online in the CSC Case Management tool: <http://www.juniper.net/cm/>

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

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 <http://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 <http://www.juniper.net/support/requesting-support.html>.

Revision History

March 24, 2017—Revision 1, JDPI Release Notes

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