

Release Notes: WANDL IP/MPLSView

Release 6.4.0S2
27 March 2019

These release notes accompany WANDL IP/MPLSView Release 6.4.0S2.

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Introduction

WANDL IP/MPLSView is a Juniper Networks® multivendor, multiprotocol, and multilayer operations support systems (OSS) traffic management and engineering solution for IP and MPLS networks that provides customers with the following benefits:

- Integrated and comprehensive fault, configuration, accounting, performance, and security (FCAPS) network management on a single platform
- Multivendor integration for fast network autodiscovery
- Support for modeling regional, national, and international network topologies
- Performance management for tuning the network to improve efficiency, analyze traffic trends, and prevent problems
- Conformance checking to ensure standards compliance
- Fault management tools to quickly detect and troubleshoot network issues

New and Changed Features

No new features are introduced in IP/MPLSView Release 6.4.0S2. The patch consists of a full build rather than specific components.

Changes in Behavior and Syntax

No changes in default behavior or syntax are introduced in WANDL IP/MPLSView Release 6.4.0S2.

Known Behavior

No changes in known behavior are introduced in WANDL IP/MPLSView Release 6.4.0S2.

Known Issues

There are no known issues in WANDL IP/MPLSView Release 6.4.0S2.

Resolved Issues

This section lists the issues fixed in WANDL IP/MPLSView Release 6.4.0S2. The identifier associated with each entry is the tracking number in the Juniper Networks Problem Report (PR) tracking system.

Identifier	Description
NA	In the web UI, users of Administrators group showed the empty network.
1365859	WANDL IP/MPLS Live VPN traffic did not load in the web view.

Identifier	Description
1378492	There was an issue with WANDL configuration reporting.
1379564	WANDL Hardware Inventory Report was missing transceivers or interface slots on various Cisco Devices.
1383715	There was a web server issue after upgrading to Release 6.4.0 from Release 6.3.OS11.
1386298	Topology links were stitched through an Ethernet node even for P2P links.
1386791	Link Util Reports were not populated correctly.
1399433	L3 VPN interfaces were listed in VRF Lite VPN interface in the web.
1399437	Alcatel Devices VPLS LDP VPN name had VPLS-*VCID.
1399824	Layer 2 Martini VPN under topology displayed lots of nodes.
1401963	Some of the L3 VPNs with ALU device in it were not listed based on the VRF name under layer 3 VPN.
1406257	WANDL showed multiple instances of VRF name.
1408216	Lots of tunnels were shown as Unplaced after an upgrade to 6.4.OS1.
1412137	Client (both Java and web) took too long to load.
1413849	For a very large network, links showed negative count.
1415227	Inconsistent display for OSPF ABR in the web.
1415279	WANDL was not able to read whole device configuration file.
1416320	Tunnels were placed over VT (Virtual Trunk).
1418561	Missing Cards and Serial numbers from Casa Device.
1420321	Selective Interface to capture traffic only on interfaces which have comments was not working.

Service Patch Management

IP/MPLSView Release 6.4.OS2 is a full service patch release for the Application Server, Database Server, and Data Collector. Follow the IP/MPLSView installation procedure to install the release.

Clear your Java cache by deleting the IP/MPLSView application in the Java Cache Viewer before installing this patch release.

Clearing the Java Cache

To clear the Java cache from Windows:

1. From the **Windows Control Panel**, select **Programs**.
2. Click the Java icon to open the **Java Control Panel**.
3. In the General tab, Temporary Internet Files, select **View**.
The Java Cache Viewer window displays.
4. From the Java Cache Viewer window, select and delete the IP/MPLSView application.

To clear the Java cache from IOS:

1. Click the Apple icon in upper left of window.
2. Select **System Preferences**.
3. Click the Java icon to open the **Java Control Panel**.
4. In the General tab, Temporary Internet Files, select **View**.
The Java Cache Viewer window displays.
5. From the Java Cache Viewer window, select and delete the IP/MPLSView application.

Downloading and Extracting the IP/MPLSView Service Patch

To download and extract the IP/MPLSView software:

1. Log in using a user ID other than **root**. You want to install the service patch as a non-root user.
2. Access the Juniper WANDL IP/MPLSView - Download Software page from <https://support.juniper.net/support/downloads/>.
3. Download the full service patch for IP/MPLSView Release 6.4.0S2.
4. Copy the file to a directory on the server where you want to install IP/MPLSView.

5. Extract **mplsview_6.4.0S2.tar.gz**.
6. Run the installation script using the following command (refer to the IP/MPLSView Installation Guide):

`./install.sh`

Documentation Updates

There are no documentation updates in IP/MPLSView Release 6.4.0S2.

Upgrade Instructions

To upgrade to WANDL IP/MPLSView Release 6.4.0 from an earlier IP/MPLSView release, contact the Juniper Networks Technical Assistance Center (JTAC) for information about the modules you purchased that may need special support arrangements.

Product Compatibility

- [Software Compatibility on page 5](#)
- [VM Support on page 5](#)

Software Compatibility

For more information about system requirements for IP/MPLSView, see the *Getting Started Guide for IP/MPLSView*.

WANDL IP/MPLSView Release 6.4.0S2 requires the following software components:

- 64-bit Linux OS can be:
 - CentOS 6.x - CentOS 7.2
 - Red Hat Enterprise Linux (RHEL) OS 6.x - RHEL OS 7.2
- Java Version 1.8
- Tomcat Java application server (it is part of the IP/MPLSView installation package)



NOTE: Starting in Release 6.2.1, IP/MPLSView supports only the 64-bit Linux operating system.

VM Support

The following lists VM support with IP/MPLSView:

- CentOS 6.7 - CentOS 7.2
- Red Hat Enterprise Linux (RHEL) OS 6.7 - RHEL OS 7.2
- OpenStack Kilo, OpenStack Liberty

Requesting Technical Support

Technical product support is available through the Juniper Networks Technical Assistance Center (JTAC). If you are a customer with an active Juniper Care or Partner Support Services 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 <https://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

27 March 2019—Revision 1, WANDL IP/MPLSView Release 6.4.0S2

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