

JUNOScope 6.2 Software Release Notes

Release 6.2R4
1 November 2004
Part No. 530-010539-01
Revision 4

These release notes accompany Release 6.2R4 of the JUNOScope software. They describe the key features, documentation, and known problems with the software. The JUNOScope software is a network management application that provides router configuration management, operation status, and troubleshooting tools for Juniper Networks M-series and T-series routers.

You can also find these release notes on the Juniper Networks Web page, which is located at <http://www.juniper.net/techpubs/>.

| | | |
|-----------------|-------------------------------------------------------------------------|---|
| Contents | Release Features | 1 |
| | Current Software Release | 1 |
| | Outstanding Issues | 2 |
| | Errata | 2 |
| | Installation, Reinstallation, Upgrade, and Downgrade Instructions | 2 |
| | System Requirements | 2 |
| | Install the JUNOScope Software | 3 |
| | Reinstall, Upgrade, or Downgrade the JUNOScope Software | 4 |
| | List of Technical Publications | 4 |
| | Contact Juniper Networks | 6 |
| | Revision History | 6 |

Release Features

The following feature has been added to the JUNOScope software Release 6.2 release.

The Looking Glass tool kit now includes monitoring commands for the Adaptive Services Physical Interface Card (PIC).

Current Software Release

The current JUNOScope software release is Release 6.2R4. For information about installing the software release, see “Installation, Reinstallation, Upgrade, and Downgrade Instructions” on page 2.

Outstanding Issues

This section lists outstanding issues with this release of the JUNOScope software. The identifier following the description is the tracking number in our bug database.

Online Help The Related Topics links in each help topic do not work. As a workaround, see the *JUNOScope Software Guide*. [PR/36716]

Errata

This section lists outstanding issues with the documentation.

When the Configuration Browser displays a router configuration, the right window pane displays the configuration first. After a short delay, the left window pane displays the configuration hierarchy. Do not click in the left window pane until the configuration hierarchy appears. There is no workaround. [PR/37126]

Installation, Reinstallation, Upgrade, and Downgrade Instructions

To install the JUNOScope software, see “Install the JUNOScope Software” on page 3.

To reinstall, upgrade, or downgrade the JUNOScope software, see “Reinstall, Upgrade, or Downgrade the JUNOScope Software” on page 4.

System Requirements

Before you install the JUNOScope software, ensure that the UNIX server workstation on which you install the software meets the system requirements shown in Table 1.

Table 1: JUNOScope Software System Requirements

| System | Requirement |
|------------------|------------------------------|
| Workstation | UltraSPARC III or equivalent |
| Operating system | Solaris 5.8 or later |
| RAM | 1 GB |
| Disk space | 750 MB |

On the client workstation, to connect to the JUNOScope server and use the JUNOScope software, you need Microsoft Internet Explorer 6 or Netscape Navigator 6 or later.

Install the JUNOScope Software

You can install the JUNOScope software in one of the following ways:

Install the JUNOScope Installation from the CD-ROM on page 3

Download the JUNOScope Software from the Software Download Page on page 3

To upgrade the JUNOScope software, see “Reinstall, Upgrade, or Downgrade the JUNOScope Software” on page 4.

For more information about installing the JUNOScope software, see the *JUNOScope Software Guide*.

Install the JUNOScope Installation from the CD-ROM

To install the JUNOScope installation from the product CD-ROM, follow these steps:

1. Insert the JUNOScope software CD-ROM into the CD-ROM drive of the server workstation.
2. Mount the CD-ROM.

If the volume management (volmgmt) process named “vold”, is running on your server, it automatically mounts the CD-ROM. To mount the CD-ROM manually, follow the procedure for your operating system.

3. Start the JUNOScope installation:

```
hostname% cdrom-mount-directory/jtk-installer install-directory
```

Replace *cdrom-mount-directory* with the directory on which the CD-ROM is mounted—either /mnt, /cdrom, or /cdrom/JUNOScope, depending on your host setup.

Replace *install-directory* with the directory in which to install the JUNOScope software. If you do not specify an installation directory, the software is installed in the current directory.

For more information about installing the JUNOScope software, see the *JUNOScope Software Guide*.

Download the JUNOScope Software from the Software Download Page

To download the JUNOScope software from the Juniper Networks Web site and start the JUNOScope installation, follow these steps:

1. Using a Web browser, go to the following location:

```
https://www.juniper.net/beta/junos/swdist/encryption/index.htm
```

2. Log in to the Juniper Networks authentication system using the username (generally your e-mail address) and password supplied by a Juniper Networks representative.
3. Download the JUNOScope software to the server workstation.

4. Start the JUNOScope installation program:

```
hostname% download-directory/jtk-install-6.2R4.X-sunos5-sparc.sh install-directory
```

Replace *download-directory* with the directory into which you downloaded the JUNOScope software from the software download page.

jtk-install-6.2R4.X-sunos5-sparc.sh is the JUNOScope software file. Replace *X* with the software version to download.

Replace *install-directory* with the directory in which to install the JUNOScope software. If you do not specify an installation directory, the software is installed in the current directory.

For information about installing the JUNOScope software, see the *JUNOScope Software Guide*.

Reinstall, Upgrade, or Downgrade the JUNOScope Software

The process for reinstalling, upgrading, or downgrading the JUNOScope software is the same as for installing or downloading the software. To reinstall, upgrade, or downgrade the JUNOScope software, follow the instructions in “Install the JUNOScope Installation from the CD-ROM” on page 3 or “Download the JUNOScope Software from the Software Download Page” on page 3.

The JUNOScope software installation program saves the settings that you set for the previous installation. You can change these settings when you run the installation program again. You cannot change some settings, such as passwords, when you reconfigure, since the JUNOScope software does not use them again.

To reinstall, upgrade, or downgrade the JUNOScope software, you must use the same user ID as the one used for the currently installed software.

List of Technical Publications

Table 2 lists the software and hardware books for Juniper Networks routing platforms and describes the contents of each book.

Table 2: Juniper Networks Technical Documentation

| Book | Description |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| JUNOS Internet Software Configuration Guides | |
| <i>Feature Guide</i> | Provides a detailed explanation and configuration examples for several of the most complex features in the JUNOS software. |
| <i>System Basics</i> | Provides an overview of the JUNOS software and describes how to install and upgrade the software. This manual also describes how to configure system management functions and how to configure the chassis, including user accounts, passwords, and redundancy. |
| <i>MPLS Applications</i> | Provides an overview of traffic engineering concepts and describes how to configure traffic engineering protocols. |
| <i>Multicast Protocols</i> | Provides an overview of multicast concepts and describes how to configure multicast routing protocols. |

| Book | Description |
|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>Network Interfaces and Class of Service</i> | Provides an overview of the network interface and class-of-service functions of the JUNOS software and describes how to configure the network interfaces on the routing platform. |
| <i>Network Management</i> | Provides an overview of network management concepts and describes how to configure various network management features, such as SNMP and accounting options. |
| <i>Policy Framework</i> | Provides an overview of policy concepts and describes how to configure routing policy, firewall filters, forwarding options, and cflowd. |
| <i>Routing Protocols</i> | Provides an overview of routing concepts and describes how to configure routing, routing instances, and unicast routing protocols. |
| <i>Services Interfaces</i> | Provides an overview of the services interfaces functions of the JUNOS software and describes how to configure the services interfaces on the routing platform. |
| <i>VPNs</i> | Provides an overview and describes how to configure Layer 2 and Layer 3 virtual private networks (VPNs), virtual private LAN service (VPLS), and Layer 2 circuits. Provides configuration examples. |
| JUNOS Internet Software References | |
| <i>Network and Services Interfaces Command Reference</i> | Describes the JUNOS Internet software operational mode commands you use to monitor and troubleshoot network and services interfaces on Juniper Networks M-series and T-series routing platforms. |
| <i>Protocols, Class of Service, Chassis, and Management Command Reference</i> | Describes the JUNOS Internet software operational mode commands you use to monitor and troubleshoot most aspects of Juniper Networks M-series and T-series routing platforms. |
| <i>System Log Messages Reference</i> | Describes how to access and interpret system log messages generated by JUNOS software modules and provides a reference page for each message. |
| JUNOScript API Documentation | |
| <i>JUNOScript API Guide</i> | Describes how to use the JUNOScript API to monitor and configure Juniper Networks routing platforms. |
| <i>JUNOScript API Reference</i> | Provides a reference page for each tag in the JUNOScript API. |
| JUNOS Internet Software Comprehensive Index and Glossary | |
| <i>Comprehensive Index and Glossary</i> | Provides a complete index of all JUNOS Internet software books and the <i>JUNOScript API Guide</i> . Also provides a comprehensive glossary. |
| Hardware Documentation | |
| <i>Hardware Guide</i> | Describes how to install, maintain, and troubleshoot routing platforms and components. Each platform has its own hardware guide. |
| <i>PIC Guide</i> | Describes the routing platform Physical Interface Cards (PICs). Each platform has its own PIC guide. |
| JUNOScope Software | |
| <i>JUNOScope Software Guide</i> | Describes the JUNOScope software graphical user interface (GUI), how to install and administer the software, and how to use the software to manage routing platform configuration files and monitor routing platform operations. |
| Release Notes | |
| <i>JUNOS Internet Software Release Notes</i> | Summarize new features and known problems for a particular software release, provide corrections and updates to published JUNOS and JUNOScript manuals, provide information that might have been omitted from the manuals, and describe upgrade and downgrade procedures. |
| <i>Hardware Release Notes</i> | Describe the available documentation for the routing platform and the supported PICs, and summarize known problems with the hardware and accompanying software. Each platform has its own release notes. |
| <i>JUNOScope Software Release Notes</i> | Contain corrections and updates to the published JUNOScope manual, provide information that might have been omitted from the manual, and describe upgrade and downgrade procedures. |

Contact Juniper Networks

For technical support, open a support case using the Case Manager link at:
<http://www.juniper.net/support/> or call 1-888-314-JTAC (within the United States or
1-408-745-9500 (outside the United States).

For documentation issues, fill out the bug report form located at:
<http://www.juniper.net/techpubs/docbug/docbugreport.html>.

Revision History

1 November 2004—Revision 4, Release 6.2R4.

12 July 2004—Revision 3, Release 6.2R3.

22 March 2004—Revision 2, Release 6.2R2.

23 January 2004—Revision 1, Release 6.2R1.

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