These release notes describe device documentation and known problems with Release 11.4 of the Junos OS for the MAG Series Junos Pulse Gateway MAG-CM060.

Contents

Junos OS Release Notes for MAG Series Junos Pulse Gateway MAG-CM060 . . . 2
  CMC Overview ........................................................................................................... 2
  Limitations in Junos OS Release 11.4 for the MAG-CM060 ........................................ 2
    Interfaces .................................................................................................................. 2
    SNMP ...................................................................................................................... 2
    CLI .......................................................................................................................... 2
  Outstanding Issues in Junos OS Release 11.4 for the MAG-CM060 ......................... 2
    J-Web ..................................................................................................................... 2
  Resolved Issues in Junos OS Release 11.4 for MAG Series Junos Pulse
    Gateway .................................................................................................................. 3
    CLI .......................................................................................................................... 3
    J-Web ..................................................................................................................... 4
  Junos OS Documentation and Release Notes .............................................................. 5
  Documentation Feedback ............................................................................................. 5
  Requesting Technical Support ..................................................................................... 5
  Revision History ......................................................................................................... 6
Junos OS Release Notes for MAG Series Junos Pulse Gateway MAG-CM060

- CMC Overview on page 2
- Limitations in Junos OS Release 11.4 for the MAG-CM060 on page 2
- Outstanding Issues in Junos OS Release 11.4 for the MAG-CM060 on page 2
- Resolved Issues in Junos OS Release 11.4 for MAG Series Junos Pulse Gateway on page 3

CMC Overview

The Juniper Networks® MAG Series Junos® Pulse Gateways are a family of modular, purpose designed gateways that can meet the accelerated secure connectivity needs of small to large enterprises. Deployed in combination with Juniper’s award winning Junos Pulse client, which can be deployed on mobile devices, laptops, and desktops, the modular MAG Series Junos Pulse Gateways provide a single point of convergence for the SSL VPN, mobile device security and management, NAC, and other network applications for the enterprise. MAG-CM060 is the chassis manager module that may be installed on a MAG6610 or MAG6611 chassis. Only one module is needed per chassis.

Limitations in Junos OS Release 11.4 for the MAG-CM060

**Interfaces**

Do not configure or attach an Ethernet cable to the em1 interface (labeled “1” on the front panel) of the MAG-CM060.

**SNMP**

SNMP supports only read-only operations, not read-write operations.

**CLI**

The CLI display of a high temperature alarm does not indicate the FPC slot from which it was generated. Instead, use SNMP traps to indicate the FPC slot.

Outstanding Issues in Junos OS Release 11.4 for the MAG-CM060

The following problems currently exist in the Junos Pulse Gateway. The identifier following the descriptions is the tracking number in the Juniper Networks Problem Report (PR) tracking system.

**J-Web**

- If the em0 (Port 0) IP address is changed, then J-Web’s redirection of http to https will not work correctly until you issue the `restart web-services` CLI command. [PR/593678]

- It can take up to two minutes for J-Web to begin downloading files larger than 10Mb. During this two minute period, the J-Web interface will be unresponsive and you cannot perform any other action. [PR/572452]

- The CLI Terminal (Troubleshooting > CLI Terminal) is not supported. [PR/582332]
After you click a tab in the top pane (for example, the Configure tab, the Monitor tab, and so forth), the main J-Web pane remains blank. You must click a subtask (such as Configure > Interfaces) to view content. [PR/705911]

The J-Web session on the MAG-CM060 times out even if a user is performing activity (such as configuration) on the ApplicationAcceleration Service service module through an SSO session.

The `show chassis hardware` CLI command shows only 12-digits of the 16-digit serial number for the service modules and MAG-CM060. To complete the 16-digit serial number, prefix the output from the `show chassis hardware` CLI command as follows [PR/691592]:

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Prefix the Serial Number With</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAG-CM060</td>
<td>0272</td>
</tr>
<tr>
<td>MAG-SM160</td>
<td>0284</td>
</tr>
<tr>
<td>MAG-SM360</td>
<td>0285</td>
</tr>
<tr>
<td>MAG-SM161</td>
<td>0292</td>
</tr>
<tr>
<td>MAG-SM361</td>
<td>0293</td>
</tr>
</tbody>
</table>

When installing a package from a remote server under Maintain > Software > Install Package, the package installation may finish successfully while one or more of the displayed tasks may still be shown as “Pending.” In this case, if the package installation has completed successfully and a reboot option is presented, the “pending” tasks can be ignored, and the system can be rebooted to finalize the package installation. [PR/555935]

### Resolved Issues in Junos OS Release 11.4 for MAG Series Junos Pulse Gateway

The following are the issues that have been resolved in Junos OS Release 11.4 for the Junos Pulse Gateways. The identifier following the descriptions is the tracking number in our bug database.

- CLI on page 3
- J-Web on page 4

### CLI

The `show version` detail command does not show the jived daemon version. [PR/674144: This issue has been resolved]
J-Web

- If you select a service module in the Dashboard view of the chassis, the corresponding service module's CPU load graph is not represented accurately. Use the `show chassis fpc` CLI command to display the accurate CPU load of a service module. [PR/591335: This issue has been resolved]

- Scheduled reboot displayed incorrect time remaining before reboot. [PR/558556: This issue has been resolved]

- J-Web dashboard preference settings, when enabled, were not properly displayed. [This issue has been resolved]

- If you set Search for Process = * and Event ID = * under Monitor > Events and Alarms > View Events, the search appears to never stop. However, if you click another menu item and then click back again, an event displays an “Unable to retrieve notification statistics” message. [This issue has been resolved]

- If you click Generate Report in the Monitor > Events and Alarms > View Events window, the report is generated in the same window as the UI. It is not possible to go back using the back button. Closing the Report window closes the browser session, and the administrator must log in again. [This issue has been resolved]
Junos OS Documentation and Release Notes

For a list of related Junos OS documentation, see http://www.juniper.net/techpubs/software/junos/.

If the information in the latest release notes differs from the information in the documentation, follow the Junos OS Release Notes.

To obtain the most current version of all Juniper Networks® technical documentation, see the product documentation page on the Juniper Networks website at http://www.juniper.net/techpubs/.

Juniper Networks supports a technical book program to publish books by Juniper Networks engineers and subject matter experts with book publishers around the world. These books go beyond the technical documentation to explore the nuances of network architecture, deployment, and administration using the Junos operating system (Junos OS) and Juniper Networks devices. In addition, the Juniper Networks Technical Library, published in conjunction with O’Reilly Media, explores improving network security, reliability, and availability using Junos OS configuration techniques. All the books are for sale at technical bookstores and book outlets around the world. The current list can be viewed at http://www.juniper.net/books.

Documentation Feedback

We encourage you to provide feedback, comments, and suggestions so that we can improve the documentation. You can send your comments to techpubs-comments@juniper.net, or fill out the documentation feedback form at https://www.juniper.net/cgi-bin/docbugreport/. If you are using e-mail, be sure to include the following information with your comments:

- Document name
- Document part number
- Page number
- Software release version

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 JNASC support contract, or are covered under warranty, and need postsales 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/customers/support/downloads/710059.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: https://www.juniper.net/alerts/
• 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 located at 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, visit us at http://www.juniper.net/support/requesting-support.html.

If you are reporting a hardware or software problem, issue the following command from the CLI before contacting support:

user@host> request support information | save filename

To provide a core file to Juniper Networks for analysis, compress the file with the gzip utility, rename the file to include your company name, and copy it to ftp.juniper.net:pub/incoming. Then send the filename, along with software version information (the output of the show version command) and the configuration, to support@juniper.net. For documentation issues, fill out the bug report form located at https://www.juniper.net/cgi-bin/docbugreport/.

Revision History

16 October 2012—Revision 1, Junos OS 11.4 R1, MAG-CM060
Copyright © 2012, Juniper Networks, Inc. All rights reserved.

Juniper Networks, Junos, Steel-Belted Radius, NetScreen, and ScreenOS are registered trademarks of Juniper Networks, Inc. in the United States and other countries. The Juniper Networks Logo, the Junos logo, and JunosE are trademarks of Juniper Networks, Inc. All other trademarks, service marks, registered trademarks, or registered service marks are the property of their respective owners.

Juniper Networks assumes no responsibility for any inaccuracies in this document. Juniper Networks reserves the right to change, modify, transfer, or otherwise revise this publication without notice.

Products made or sold by Juniper Networks or components thereof might be covered by one or more of the following patents that are owned by or licensed to Juniper Networks: U.S. Patent Nos. 5,473,599, 5,905,725, 5,909,440, 6,192,051, 6,333,650, 6,359,479, 6,406,312, 6,429,706, 6,459,579, 6,493,347, 6,538,518, 6,538,899, 6,552,918, 6,567,902, 6,578,186, and 6,590,785.