

JCS1200 Control System and Protected System Domains Release Notes

July 2009

These release notes accompany the release of the Juniper Networks JCS1200 Control System and Protected System Domains (PSDs). They describe known issues with the hardware and accompanying software.

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Outstanding Issues with the JCS1200 Platform

Before connecting the T Series router to the JCS1200 platform, ensure that the bootROM version for all FPCs is ROM Monitor Version 6.4 or later. If an FPC bootROM version is earlier than Version 6.4, the FPC will not come online. To upgrade the firmware, you must contact your Juniper Networks customer support representative.

To determine if you need to upgrade the FPC firmware, display the version of the firmware on all FPCs by issuing the `show chassis firmware` command:

```
user@host> show chassis firmware
Part      Type      Version
FPC 0    ROM       Juniper ROM Monitor Version 7.5b4
          O/S       Version 9.1-20080222.0 by builder on 2008-0
FPC 1    ROM       Juniper ROM Monitor Version 6.4b18
          O/S       Version 9.1-20080222.0 by builder on 2008-0
FPC 2    ROM       Juniper ROM Monitor Version 7.5b4
          O/S       Version 9.1-20080222.0 by builder on 2008-0
FPC 4    ROM       Juniper ROM Monitor Version 6.4b18
          O/S       Version 9.1-20080222.0 by builder on 2008-0
FPC 5    ROM       Juniper ROM Monitor Version 6.4b20
          O/S       Version 9.1-20080222.0 by builder on 2008-0
FPC 6    ROM       Juniper ROM Monitor Version 7.5b4
          O/S       Version 9.1-20080222.0 by builder on 2008-0
FPC 7    ROM       Juniper ROM Monitor Version 6.4b20
          O/S       Version 9.1-20080222.0 by builder on 2008-0
SPMB 0   ROM       Juniper ROM Monitor Version 6.4b18
          O/S       Version 9.1-20080222.0 by builder on 2008-0
SPMB 1   ROM       Juniper ROM Monitor Version 6.4b18
          O/S       Version 9.1-20080222.0 by builder on 2008-0
```



CAUTION: By default, SNMP is enabled on the management module. Do not disable SNMP. If you disable SNMP, you might not be able to access the management module.

Related Topics ■ [Errata with the JCS1200 Platform Documentation on page 3](#)

Supported PICs for Shared Interfaces with the JCS1200 Platform

Table 1 on page 2 shows the PICs that support shared interfaces:

Table 1: PICs Supporting Shared Interfaces

PIC Name	PIC Model Number	First JUNOS Release
Gigabit Ethernet PICs		
Gigabit Ethernet, SFP	PC-10GE-SFP	9.4
10-Gigabit Ethernet PICs		
10-Gigabit Ethernet, DWDM	PC-1XGE-DWDM-CBAND	9.4

Table 1: PICs Supporting Shared Interfaces (continued)

PIC Name	PIC Model Number	First JUNOS Release
10-Gigabit Ethernet, LAN/WAN, XFP	PD-4XGE-XFP	9.6
10-Gigabit Ethernet, XENPAK	PC-1XGE-XENPAK	9.4
SONET/SDH PICs		
4-port OC48 SONET, SFP	PC-4OC48-SON-SFP	9.3
1-port OC192 SONET, XFP	PC-10C192-SON-SFP	9.3
4-port OC192 SONET, XFP	PD-4OC192-SON-XFP	9.3
1-port OC768 SONET, SR	PD-1OC768-SON-SR	9.3



NOTE: Only SONET PICs that are installed on an Enhanced Services (ES) FPC on a T320 router or on a T1600 routing node can support shared interfaces.

- Related Topics**
- Control and Forwarding Planes in Separate Chassis
 - JCS 1200 Platform Overview
 - Protected System Domain Overview
 - Before You Configure Shared Interfaces

Errata with the JCS1200 Platform Documentation

This section lists outstanding issues with the documentation.

- There are currently no outstanding issues for the JCS1200 platform documentation.

- Related Topics**
- Outstanding Issues with the JCS1200 Platform on page 2

JUNOS Documentation and Release Notes

For a list of related JUNOS 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 Software 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/>.

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>.

Revision History

20 July 2009—Added PICs supporting shared interfaces for JUNOS Release 9.6

26 January 2009—530-023235-01. Revision 3. Added supported PICs for JUNOS Release 9.4.

27 October 2008—530-023235-01. Revision 2. Added information about supported PICs and platforms for shared interfaces.

18 April 2008—530-023235-01. Revision 1.

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