Release Notes for Cisco CRS Routers, IOS XR Release 6.2.3

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Supported Packages and System Requirements

Feature Set Table

Memory

Caution If you remove the media in which the software image or configuration is stored, the router may become unstable and fail.

Software Compatibility

Determining Installed Committed Packages

To determine the committed Cisco IOS XR Software packages installed on your router, log in to the router and enter the **show install committed summary** command

Software Features Introduced in Cisco IOS XR Software Release

Behavior Change Introduced in Cisco IOS XR Release 6.2.3

Locking a Running Configuration in NETCONF

For a NETCONF client to change a configuration in Cisco IOS XR, it is recommended for the client to acquire a lock to prevent simultaneous update from another NETCONF client or CLI session.

To acquire a configuration lock, the NETCONF client sends a RPC request to lock the running datastore. In Cisco IOS XR 6.1.x and previous releases, the RPC request **candidate data-store** was the target for acquiring the lock. But from release 6.2.x and later, the request **running data-store** must be sent to successfully lock the configuration.

Example: NETCONF request with **running data-store** as target to successfully lock a configuration:

```
<rpc message-id="101" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
       <lock>
         <target>
           <running/>
         </target>
       </lock>
</rpc>
```

Interface Name Modified

Prior to IOS XR Release 6.2.1, 1 Gigabit Ethernet and 10 Gigabit Ethernet interfaces were both named as TenGigE. Also, 40 Gigabit Ethernet and 100 Gigabit Ethernet interfaces were both named as HundredGigE. From Release 6.2.1 onwards, the names have been modified to:

Interface Type	Interface Name
1 Gigabit Ethernet	GigabitEthernet
10 Gigabit Ethernet	TenGigE
40 Gigabit Ethernet	FortyGigE
100 Gigabit Ethernet	HundredGigE

Note After upgrading to Release 6.2.3, the old configurations applied to 1G and 40G interfaces will not be available. Therefore you must reconfigure the 1G and 40G interfaces using the new names.

New Hardware Introduced in Cisco IOS XR Software Release

No new hardware introduced in this release.

Firmware Support

To check the firmware code running on the , run the **show fpd package** command in admin mode.

Other Important Information

- Country-specific laws, regulations, and licenses—In certain countries, use of these products may be prohibited and subject to laws, regulations, or licenses, including requirements applicable to the use of the products under telecommunications and other laws and regulations; customers must comply with all such applicable laws in the countries in which they intend to use the products.
- Exceeding Cisco testing—If you intend to test beyond the combined maximum configuration tested and published by Cisco, contact your Cisco Technical Support representative to discuss how to engineer a large-scale configuration for your purpose.

Caveats

Caveats describe unexpected behavior in . Severity-1 caveats are the most critical caveats; severity-2 caveats are less critical.

Cisco IOS XR Caveats

Caveats Specific to the

Upgrading Cisco IOS XR Software

Troubleshooting

For information on troubleshooting Cisco IOS XR Software, see the and the

Related Documentation

Production Software Maintenance Updates (SMUs)

A production SMU is a SMU that is formally requested, developed, tested, and released. Production SMUs are intended for use in a live network environment and are formally supported by the Cisco TAC and the relevant development teams. Software bugs identified through software recommendations or Bug Search Tools are not a basis for production SMU requests.

For information on production SMU types, refer the Production SMU Types section of the IOS XR Software Maintenance Updates (SMUs) guide.

Communications, Services, and Additional Information

- To receive timely, relevant information from Cisco, sign up at Cisco Profile Manager.
- To get the business impact you're looking for with the technologies that matter, visit Cisco Services.
- To submit a service request, visit Cisco Support.
- To discover and browse secure, validated enterprise-class apps, products, solutions and services, visit Cisco Marketplace.
- To obtain general networking, training, and certification titles, visit Cisco Press.
- To find warranty information for a specific product or product family, access Cisco Warranty Finder.

Cisco Bug Search Tool

Cisco Bug Search Tool (BST) is a web-based tool that acts as a gateway to the Cisco bug tracking system that maintains a comprehensive list of defects and vulnerabilities in Cisco products and software. BST provides you with detailed defect information about your products and software.

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