



# Release Notes for Cisco NCS 5500 Series Routers, IOS XR Release 26.2.2

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# Cisco NCS 5500 Series Routers, IOS XR Release 26.2.2

There are no new software features or hardware introduced in this release.

For more details on the Cisco IOS XR release model and associated support, see [Software Lifecycle Support Statement - IOS XR](#).

## New software features

There are no new software features introduced in this release.

## New hardware

There is no new hardware introduced in this release.

## Changes in behavior

There are no changes in behavior in this release.

## Open issues

There are no open issues in this release.

**Table 1.** Open issues for Cisco NCS 5500 Series Routers, Release 26.2.2

| Bug ID                     | Description                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">CSCwy44897</a> | IP multicast packet's DSCP is incorrectly changed by "set mpls experimental imposition" action, despite the absence of an MPLS encapsulation. |

## Known issues

There are no known issues in this release.

## Compatibility

### Compatibility matrix for EPNM and Crosswork with Cisco IOS XR software

The compatibility matrix lists the version of EPNM and Crosswork that are supported with Cisco IOS XR software in this release.

**Table 2.** Compatibility Matrix for EPNM and Crosswork with Cisco IOS XR Software

| Cisco IOS XR   | Crosswork                                              | EPNM                                                       |
|----------------|--------------------------------------------------------|------------------------------------------------------------|
| Release 26.2.2 | <a href="#">Cisco Crosswork Network Controller 8.0</a> | <a href="#">Evolved Programmable Network Manager 8.1.4</a> |

## System requirements

Use the **show hw-module fpd** command in EXEC and Admin mode to view the hardware components with their current FPD version and status. The status of the hardware must be CURRENT; Running and Programed version must be the same. You can also use the **show fpd package** command in Admin mode to check the fpd versions.

## Software version

To verify the software version running on the router, use show version command in the EXEC mode.

```
RP/0/RP0/CPU0#show version
Thu Sep 10 04:04:12.632 PDT
Cisco IOS XR Software, Version 26.2.2
Copyright (c) 2013-2026 by Cisco Systems, Inc.

Build Information:
Built By      : swtools
Built On     : Thu Sep 10 01:11:38 PDT 2026
Built Host   : iox-lnx-050
Workspace    : /auto/srcarchive13/prod/26.2.2/ncs5500/ws
Version     : 26.2.2
Location     : /opt/cisco/XR/packages/
Label       : 26.2.2-iso

cisco NCS-5500 () processor
System uptime is 39 minutes
```

## Supported software packages

The following tables lists the Cisco IOS XR Software feature set matrix (packages) with associated filenames. Visit the [Cisco Software](#) Download page to download the Cisco IOS XR software images.

**Table 3.** Supported software for NCS 5500 Series Routers, Release 26.2.2

| Feature Set                                       | Filename                                                                               | Description                                                                                                                          |
|---------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Composite Package</b>                          |                                                                                        |                                                                                                                                      |
| Cisco IOS XR IP Unicast Routing Core Bundle       | ncs5500-mini-x.iso                                                                     | Contains base image contents that includes:<br>Host operating system<br>System Admin boot image<br>IOS XR boot image<br>BGP packages |
| <b>Individually-Installable Optional Packages</b> |                                                                                        |                                                                                                                                      |
| Cisco IOS XR Manageability Package                | ncs5500-mgbl-3.0.0.0-r2622.x86_64.rpm                                                  | Extensible Markup Language (XML) Parser, Telemetry, Netconf, gRPC and HTTP server packages.                                          |
| Cisco IOS XR MPLS Package                         | ncs5500-mpls-2.1.0.0-r2622.x86_64.rpm<br>ncs5500-mpls-te-rsvp-2.2.0.0-r2622.x86_64.rpm | MPLS and MPLS Traffic Engineering (MPLS-TE) RPM.                                                                                     |

| Feature Set                   | Filename                                     | Description                                                                                                            |
|-------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Cisco IOS XR Security Package | ncs5500-k9sec-3.1.0.0-r2622.x86_64.rpm       | Support for Encryption, Decryption, Secure Shell (SSH), Secure Socket Layer (SSL), and Public-key infrastructure (PKI) |
| Cisco IOS XR ISIS package     | ncs5500-isis-1.2.0.0-r2622.x86_64.rpm        | Support ISIS                                                                                                           |
| Cisco IOS XR OSPF package     | ncs5500-ospf-2.0.0.0-r2622.x86_64.rpm        | Support OSPF                                                                                                           |
| Lawful Intercept (LI) Package | ncs5500-li-1.0.0.0-r2622.x86_64.rpm          | Includes LI software images                                                                                            |
| Multicast Package             | ncs5500-mcast-1.0.0.0-r2622.x86_64.rpm       | Support Multicast                                                                                                      |
| EIGRP                         | ncs5500-eigrp-1.0.0.0-r2622.x86_64.rpm       | Supports Enhanced Interior Gateway Routing Protocol                                                                    |
| Lawful Intercept Control      | ncs5500-lictrl-1.0.0.0-r2622.x86_64.rpm      | Supports Lawful Intercept Control                                                                                      |
| Healthcheck                   | ncs5500-healthcheck-1.0.0.0-r2622.x86_64.rpm | Supports System Health Check                                                                                           |

**Table 4.** TAR files for Cisco NCS 5500 Series Router, Release 26.2.2

| Feature Set                   | Filename                    |
|-------------------------------|-----------------------------|
| NCS 5500 IOS XR Software 3DES | NCS5500-iosxr-k9-26.2.2.tar |
| NCS 5500 IOS XR Software      | NCS5500-iosxr-26.2.2.tar    |
| NCS 5500 IOS XR Software      | NCS5500-docs-26.2.2.tar     |
| NCS 5500 IOS XR Software 3DES | NCS5500-iosxr-k9-26.2.2.tar |
| NCS 5500 IOS XR Software      | NCS5500-iosxr-26.2.2.tar    |

**Table 5.** Packages for Cisco NCS 5700 Series Router, Release 26.2.2

| Feature Set                               | Filename                                                                                                                                                                        |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCS 5700 IOS XR Software                  | ncs5700-x64-26.2.2.iso                                                                                                                                                          |
| NCS 5700 IOS XR Software (only k9 RPMs)   | ncs5700-k9sec-rpms.26.2.2.tar                                                                                                                                                   |
| NCS 5700 IOS XR Software Optional Package | <p>NCS5700-optional-rpms.26.2.2.tar</p> <p>This TAR file contains the following RPMs:</p> <p>optional-rpms/cdp/*</p> <p>optional-rpms/eigrp/*</p> <p>optional-rpms/telnet/*</p> |

## Related resources

**Table 6.** Related resources

| Resource                                                              | Description                                                                                                                                                                                        |
|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <a href="#">Ask AI about this product</a>                             | Provides access to Cisco product documentation for checking product support details. Start by selecting the product family, then use <i>Ask AI About This Product</i> tab for further information. |
| <a href="#">Cisco IOS XR MIBs</a>                                     | Allows selecting the MIB of your choice from a drop-down to explore an extensive repository of MIB information.                                                                                    |
| <a href="#">Cisco IOS XR Error messages</a>                           | Allows searching by release number, error strings, or comparing release numbers to view a detailed repository of error messages and descriptions.                                                  |
| <a href="#">Cisco NCS 5500 documentation</a>                          | Provides CDC documentation for Cisco NCS 5500 series routers.                                                                                                                                      |
| <a href="#">Feature deprecation and removal details</a>               | Outlines the features currently supported by each operating system.                                                                                                                                |
| <a href="#">Feature deprecation phasing out insecure capabilities</a> | Provides a list of insecure features and protocols that are scheduled for systematic deprecation and eventual removal from specified Cisco products.                                               |
| <a href="#">Feature removal and suggested alternatives</a>            | Details the reasons why certain features or protocols are deemed insecure and offers secure alternatives when available.                                                                           |
| <a href="#">Recommended release</a>                                   | Provides a general guide in case of upgrading IOS XR routers or new deployments that involve IOS XR routers.                                                                                       |
| <a href="#">Smart licensing</a>                                       | Provides information about Smart Licensing Using Policy solutions and their deployment on IOS XR routers.                                                                                          |
| <a href="#">Transceiver Module Group (TMG) compatibility matrix</a>   | Allows searching by product family, product ID, data rate, reach, cable type, or form factor to determine the transceivers that Cisco hardware device supports.                                    |
| <a href="#">Yang data models in GitHub</a>                            | Provides yang data models introduced and enhanced in every IOS XR release.                                                                                                                         |

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