



# What's New in Cisco Product Documentation

September 2017

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<https://www.cisco.com/c/en/us/td/docs/general/whatsnew/archive/archive.html>

## Cisco Product Documentation Resources

### Cisco Bug Search Tool

Bug Search Tool (BST), the online successor to Bug Toolkit, is designed to improve our customers' effectiveness in network risk management and device troubleshooting.

BST allows partners and customers to search for software bugs based on product, release, and keyword, and it aggregates key data such as bug details, product, and version.

Visit [Bug Search Tools & Resources](#) on Cisco.com. For details on the tool overview and functionalities, visit the help page at <https://www.cisco.com/web/applicat/cbsshelp/help.html>

### Cisco DocWiki

You can collaborate on Cisco documentation using Cisco DocWiki:

<https://docwiki.cisco.com>

### Cisco Icon Library

Cisco icons are globally recognized and generally accepted as standard for network icon topologies. Cisco icons are available for download:

<https://www.cisco.com/c/en/us/about/brand-center/network-topology-icons.html>

### Cisco International Websites

To find international Cisco websites, go to <https://www.cisco.com> and click **Worldwide** at the top of the page.

## Cisco Internetworking Terms and Acronyms (ITA)

This resource defines internetworking terms and acronyms specific to Cisco products, technologies, or services. Some terms may also have descriptions unique to Cisco. The Cisco ITA does not duplicate industry-standard terms for which definitions can be found in other sources. To review this resource:

[https://docwiki.cisco.com/wiki/Category:Internetworking\\_Terms\\_and\\_Acronyms\\_\(ITA\)](https://docwiki.cisco.com/wiki/Category:Internetworking_Terms_and_Acronyms_(ITA))

## Technical Documentation Ideas Forum

This forum allows you to communicate with other customers and Cisco technical writers. You can share your ideas about Cisco documentation on the Technical Documentation Ideas forum:

<https://www.cisco.com/go/techdocideas>

## Analytics and Automation Software

None at this time.

## Application Networking Services

None at this time.

## Cisco Interfaces and Modules

None at this time.

## Cloud and Systems Management

- [Cisco Elastic Services Controller 3.0 Deployment Attributes](#)

Describes the Elastic Services Controller deployment attributes.

- [Cisco Elastic Services Controller 3.0 Documentation Overview](#)

Explains the organization of technical documents for Cisco Elastic Services Controller Release 3.0.

- [Cisco Elastic Services Controller 3.0 Install and Upgrade Guide](#)

Describes the installation requirements and procedure to install Cisco Elastic Services Controller (ESC). Includes instructions on High Availability (HA) deployment.

- [Cisco Elastic Services Controller 3.0 Netconf API Guide](#)

Lists the Elastic Services Controller NETCONF APIs.

- [Cisco Elastic Services Controller 3.0 Release Notes](#)

Details new features, resolved issues, and open issues in Cisco Elastic Services Controller 3.0.

- [Cisco Elastic Services Controller 3.0 REST API Guide](#)

Lists the Elastic Services Controller REST APIs.

- [Cisco Elastic Services Controller 3.0 User Guide](#)

Describes the life cycle management of Virtual Network Functions (VNF), onboarding of new applications, VNF deployment, monitoring, scaling, and healing workflows.

- [Cisco Prime Performance Manager 1.7 Quick Start Guide](#)

The purpose of this Quick Start Guide is to get you up and running with Prime Performance Manager 1.7, to the point where you can discover the network devices and generate reports. This guide will lead you through the installation, and upgrading tasks required to get to this point.

- [Cisco Prime Performance Manager Release Notes, 1.7](#)

Provides information on the features, related documentation, and resolved issues for Cisco Prime Performance Manager, Release 1.7.

- [Open Source Used In Cisco Elastic Services Controller 3.0](#)

Lists open source software licenses and notices.

- [Prime Performance Manager User Guide, 1.7](#)

Describes Prime Performance Manager features and functions, provides performance statistics and reports for service provider and large enterprise networks including access, edge, distribution, core, mobile backhaul, Carrier Ethernet, and core MPLS networks.

## Collaboration Endpoints

- [Cisco TelePresence CE Software Release Notes \(CE 8\)](#)

Describes the features and capabilities included in the Cisco TelePresence DX, MX and SX series software version CE8.

- [Cisco TelePresence CE Software Release Notes \(CE9\)](#)

Describes the features and capabilities included in the Cisco TelePresence DX, MX and SX series and Cisco Spark Room Kit software version CE9.

- [Cisco TelePresence CE9.0.1 Software Deferral Notice](#)

Software deferral notice for Cisco Collaboration Endpoint Software version CE9.0.1.

- [Cisco TelePresence CE9.1.1 Software Deferral Notice](#)

Software deferral notice for Cisco Collaboration Endpoint Software version CE9.1.1.

- [Cisco TelePresence CE9.1.2 Software Deferral Notice](#)

Software deferral notice for Cisco Collaboration Endpoint Software version CE9.1.2.

## Conferencing

- [Cisco TelePresence Management Suite Administrator Guide \(15.0\)](#)

Describes the configuration, maintenance, and troubleshooting of Cisco TMS 15.0.

- [Cisco TelePresence Management Suite Administrator Guide \(15.1\)](#)

Describes the configuration, maintenance, and troubleshooting of Cisco TMS 15.1.

- [Cisco TelePresence Management Suite Administrator Guide \(15.2.1\)](#)

Describes the configuration, maintenance, and troubleshooting of Cisco TMS 15.2.1.

- [Cisco TelePresence Management Suite Administrator Guide \(15.3\)](#)  
Describes the configuration, maintenance, and troubleshooting of Cisco TMS 15.3.
- [Cisco TelePresence Management Suite Administrator Guide \(15.4\)](#)  
Describes the configuration, maintenance, and troubleshooting of Cisco TMS 15.4.
- [Cisco TelePresence Management Suite Administrator Guide \(15.5\)](#)  
Describes the configuration, maintenance, and troubleshooting of Cisco TMS 15.5.
- [Cisco TelePresence Management Suite Extension for Microsoft Exchange Deployment Guide \(5.0\)](#)  
Describes prerequisites, best practices, and procedures for upgrading to, installing, deploying, and maintaining Cisco TMSXE 4.1. Includes guidance and instructions for redundant deployments.
- [Cisco TelePresence Management Suite Extension for Microsoft Exchange Deployment Guide \(5.1\)](#)  
Describes prerequisites, best practices, and procedures for upgrading to, installing, deploying, and maintaining Cisco TMSXE 5.1. Includes guidance and instructions for redundant deployments.
- [Cisco TelePresence Management Suite Extension for Microsoft Exchange Deployment Guide \(5.2\)](#)  
Describes prerequisites, best practices, and procedures for upgrading to, installing, deploying, and maintaining Cisco TMSXE 5.2. Includes guidance and instructions for redundant deployments.
- [Cisco TelePresence Management Suite Extension for Microsoft Exchange Deployment Guide \(5.3\)](#)  
Describes prerequisites, best practices, and procedures for upgrading to, installing, deploying, and maintaining Cisco TMSXE 5.3. Includes guidance and instructions for redundant deployments.
- [Cisco TelePresence Management Suite Extension for Microsoft Exchange Deployment Guide \(5.4\)](#)  
Describes prerequisites, best practices, and procedures for upgrading to, installing, deploying, and maintaining Cisco TMSXE 5.4. Includes guidance and instructions for redundant deployments.
- [Cisco TelePresence Management Suite Extension for Microsoft Exchange Deployment Guide \(5.5\)](#)  
Describes prerequisites, best practices, and procedures for upgrading to, installing, deploying, and maintaining Cisco TMSXE 5.5. Includes guidance and instructions for redundant deployments.

## Connected Safety and Security

None at this time.

## Customer Collaboration

None at this time.

## Data Center Analytics

None at this time.

## Hyperconverged Infrastructure

None at this time.

## IOS and NX-OS Software

None at this time.

## Optical Networking

- [Cisco Network Convergence System 1002 Workflow](#)  
Provides an online directory to quickly access publications of Cisco NCS 1002.
- [Command Reference for Cisco NCS 1001](#)  
Provides a comprehensive list of commands for Cisco NCS 1001.
- [Configuration Guide for Cisco NCS 1001, IOS XR Release 6.2.x](#)  
Provides reference material and procedures for configuration of Cisco NCS 1001 using CLI.
- [Data Models Configuration Guide for Cisco NCS 1001](#)  
Provides reference material and procedures for configuration of Cisco NCS 1001 using data models.
- [Hardware Installation Guide for Cisco NCS 1001](#)  
Provides installation information of Cisco NCS 1001 hardware.
- [Release Notes for Cisco NCS 1001, IOS XR Release 6.2.1](#)  
Provides information about new features and enhancements for Cisco NCS 1001.
- [Troubleshooting Guide for Cisco NCS 1001, IOS XR Release 6.2.x](#)  
Provides alarm troubleshooting instructions that apply to Cisco NCS 1001.

## Routers

- [Advanced System Command Reference for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes the Advanced System commands used in Cisco ASR 9000 Series Aggregation Services Router.
- [Advanced System Command Reference for Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes the Advance System commands used in Cisco CRS Router.
- [Advanced System Command Reference for Cisco NCS 6000 Series Routers](#)  
Describes the Advance System commands used in Cisco NCS 6000 Series Router.
- [Application Hosting Configuration Guide for Cisco ASR 9000 Series Routers](#)  
Describes application hosting and the Linux environment used for hosting applications on Cisco IOS XR Operating System.
- [Application Hosting Configuration Guide for Cisco NCS 5000 Series Routers](#)  
Describes application hosting and the Linux environment used for hosting applications on Cisco IOS XR Operating System.

- [Application Hosting Configuration Guide for Cisco NCS 5500 Series Routers](#)

Describes application hosting and the Linux environment used for hosting applications on Cisco IOS XR Operating System.
- [BGP Command Reference for Cisco NCS 5000 Series Routers](#)

Describes BGP commands used in Cisco NCS 5000 Series Router.
- [BGP Command Reference for Cisco NCS 5500 Series Routers](#)

Describes BGP commands used in Cisco NCS 5500 Series Router.
- [BGP Configuration Guide for Cisco NCS 5000 Series Routers, IOS XR Release 6.2.x](#)

Describes how to enable and configure Broadband Network Gateway on Cisco NCS 5000 Series Router.
- [BGP Configuration Guide for Cisco NCS 5500 Series Routers, IOS XR Release 6.2.x](#)

Describes how to enable and configure BGP on Cisco NCS 5500 Series Router.
- [Broadband Network Gateway Command Reference for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)

Describes the Broadband Network Gateway commands used in Cisco ASR 9000 Series Aggregation Services Router.
- [Broadband Network Gateway Configuration Guide for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)

Describes how to enable and configure Broadband Network Gateway on Cisco ASR 9000 Series Aggregation Services Router.
- [Carrier Grade NAT Configuration Guide for Cisco CRS Routers, IOS XR Release 6.2.x](#)

Describes how to enable and configure Carrier Grade NAT on Cisco CRS Router.
- [Carrier Grade NAT for Cisco CRS Routers, IOS XR Release 6.2.x](#)

Describes the Carrier Grade NAT commands used in Cisco CRS Router.
- [CGv6 Command Reference for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)

Describes the CGv6 commands used in Cisco ASR 9000 Series Aggregation Services Router.
- [CGv6 Configuration Guide for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)

Describes how to enable and configure CGv6 on Cisco ASR 9000 Series Aggregation Services Router.
- [Cisco 809 Industrial Integrated Services Router Hardware Installation Guide](#)

Provides an overview and explains how to install, connect, and perform initial configuration for the Cisco 809 ISR.
- [Cisco ASR 9000 Series Aggregation Services Router Segment Routing Command Reference Guide](#)

Describes the Segment Routing commands used in Cisco ASR 9000 Series Aggregation Services Router.
- [Cisco IND Release 1.2.x—Release Notes for Cisco Industrial Network Director](#)

Contains the latest information about using Release 1.2.x of the Cisco Industrial Network Director (IND) application that supports configuration and management of Industrial Ethernet switches.
- [Cisco Industrial Routers and Industrial Wireless Access Points Antenna Guide](#)

Provides the descriptions and installation instructions for wireless antennas supported on the Cisco Industrial Series Routers and Access Points.

- [Cisco IR829 Industrial Integrated Services Router Hardware Installation Guide](#)  
Provides an overview and explains how to install, connect, and perform initial configuration for the Cisco IR829.
- [Flexible Packaging Configuration Guide for Cisco ASR 9000 Series Routers](#)  
Describes how to configure flexible packaging on Cisco ASR 9000 Series Aggregation Services Router.
- [Flexible Packaging Configuration Guide for Cisco NCS 5000 Series Routers](#)  
Describes how to configure flexible packaging on NCS 5000 Series Router.
- [Flexible Packaging Configuration Guide for Cisco NCS 5500 Series Routers](#)  
Describes how to configure flexible packaging on NCS 5500 Series Router.
- [Interface and Hardware Component Command Reference for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x .](#)  
Describes the Interface and Hardware Component commands used in Cisco ASR 9000 Series Aggregation Services Router.
- [Interface and Hardware Component Command Reference for Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes the Interface and Hardware Component commands used in Cisco CRS Router.
- [Interface and Hardware Component Command Reference for Cisco NCS 5000 Series Routers](#)  
Describes the Interface and Hardware Component commands used in Cisco NCS 5000 Series Router.
- [Interface and Hardware Component Command Reference for Cisco NCS 5500 Series Routers](#)  
Describes the Interface and Hardware Component commands used in Cisco NCS 5500 Series Router.
- [Interface and Hardware Component Command Reference for the Cisco NCS 6000 Series Routers](#)  
Describes the Interface and Hardware Component commands used in Cisco NCS 6000 Series Router.
- [Interface and Hardware Component Configuration Guide for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure interface and hardware components on Cisco ASR 9000 Series Aggregation Services Router.
- [Interface and Hardware Component Configuration Guide for Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Interface and Hardware Component on the on Cisco CRS Router.
- [Interface and Hardware Component Configuration Guide for Cisco NCS 5000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure interface and hardware components on Cisco NCS 5000 Series Router.
- [Interface and Hardware Component Configuration Guide for Cisco NCS 6000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure interface and hardware components in Cisco NCS 6000 Series Routers.
- [Introduction to Operational Enhancements in Cisco IOS XR](#)  
Describes a new set of operational innovations to address key next generation operational requirements provided by Cisco ASR 9000 Series Routers.

- [Introduction to Operational Enhancements in Cisco IOS XR](#)  
Describes a new set of operational innovations to address key next generation operational requirements provided by Cisco NCS 5500 Series Routers.
- [Introduction to Operational Enhancements in Cisco IOS XR](#)  
Describes a new set of operational innovations to address key next generation operational requirements provided by Cisco NCS 5000 Series Routers.
- [IP Addresses and Services Command Reference for Cisco ASR 9000 Series Routers](#)  
Describes the IP Addresses and Services commands used in Cisco ASR 9000 Series Aggregation Services Router.
- [IP Addresses and Services Command Reference for Cisco CRS Routers](#)  
Describes the IP Addresses and Services commands used in Cisco CRS Router.
- [IP Addresses and Services Command Reference for Cisco NCS 5000 Series Routers](#)  
Describes the IP addresses and services commands used in Cisco NCS 5000 Series Routers.
- [IP Addresses and Services Command Reference for Cisco NCS 5500 Series Routers](#)  
Describes the IP addresses and services commands used in Cisco NCS 5500 Series Routers.
- [IP Addresses and Services Command Reference for Cisco NCS 6000 Series Routers](#)  
Describes the IP Addresses and Services commands used in Cisco NCS 6000 Series Router.
- [IP Addresses and Services Configuration Guide for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure IP Addresses on Cisco ASR 9000 Series Aggregation Services Router.
- [IP Addresses and Services Configuration Guide for Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure IP Addresses and Services on Cisco CRS Router.
- [IP Addresses and Services Configuration Guide for Cisco NCS 5000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure IP Addresses on Cisco NCS 5000 Series Router.
- [IP Addresses and Services Configuration Guide for Cisco NCS 5500 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure IP Addresses on Cisco NCS 5500 Series Router.
- [IP Addresses and Services Configuration Guide for Cisco NCS 6000 Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure IP Addresses and Services on Cisco NCS 6000 Series Router.
- [L2VPN and Ethernet Services Configuration Guide for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure L2VPN and Ethernet Service on Cisco ASR 9000 Series Aggregation Services Router.
- [L2VPN and Ethernet Services Configuration Guide for Cisco NCS 5000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure L2VPN and Ethernet Service on Cisco NCS 5000 Series Router.
- [L2VPN and Ethernet Services Configuration Guide for Cisco NCS 5500 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure L2VPN and Ethernet Service on Cisco NCS 5500 Router.



- [L3VPN Configuration Guide for Cisco NCS 5000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure L3VPN on Cisco NCS 5000 Series Router.
- [Modular QoS Command Reference for Cisco CRS Router](#)  
Describes the Modular Quality of Service commands used in Cisco CRS Router.
- [Modular QoS Command Reference for Cisco NCS 5000 Series Routers](#)  
Describes the QoS commands used in Cisco NCS 5000 Series Routers.
- [Modular QoS Command Reference for Cisco NCS 5500 Series Routers](#)  
Describes the QoS commands used in Cisco NCS 5500 Series Routers.
- [Modular QoS Command Reference for Cisco NCS 6000 Series Routers](#)  
Describes the Modular Quality of Service commands used in Cisco NCS 6000 Series Router.
- [Modular QoS Configuration Guide for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Modular Quality of Service on Cisco ASR 9000 Series Aggregation Services Router.
- [Modular QoS Configuration Guide for Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Modular Quality of Service on Cisco CRS Router.
- [Modular QoS Configuration Guide for Cisco NCS 5000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Modular Quality of Service on Cisco NCS 5000 Series Router.
- [Modular QoS Configuration Guide for Cisco NCS 5500 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Modular Quality of Service on Cisco NCS 5500 Series Router.
- [Modular QoS Configuration Guide for Cisco NCS 6000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Modular Quality of Service on Cisco NCS 6000 Series Router.
- [Modular Quality of Service Command Reference for Cisco ASR 9000 Series Routers](#)  
Describes the Modular Quality of Service commands used in Cisco ASR 9000 Series Aggregation Services Router.
- [MPLS Command Reference for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes the MPLS commands used in Cisco ASR 9000 Series Aggregation Services Router.
- [MPLS Command Reference for Cisco NCS 5000 Series Routers](#)  
Describes the MPLS commands used in Cisco NCS 5000 Series Routers.
- [MPLS Command Reference for Cisco NCS 5500 Series Routers](#)  
Describes the MPLS commands used in Cisco NCS 5500 Series Routers.
- [MPLS Command Reference for Cisco NCS 6000 Series Routers](#)  
Describes the MPLS commands used in Cisco NCS 6000 Series Router.

- [MPLS Command Reference for the Cisco CRS Router, Cisco IOS XR Release 6.2.x](#)  
Describes the MPLS commands used in Cisco CRS Router.
- [MPLS Configuration Guide for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure MPLS on Cisco ASR 9000 Series Aggregation Services Router.
- [MPLS Configuration Guide for Cisco NCS 5000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure MPLS on Cisco NCS 5000 Series Router.
- [MPLS Configuration Guide for Cisco NCS 5500 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure MPLS on Cisco NCS 5500 Series Router.
- [MPLS Configuration Guide for Cisco NCS 6000 Series Routers, Cisco IOS-XR Release 6.2.x](#)  
Describes how to enable and configure MPLS on Cisco NCS 6000 Series Router.
- [MPLS Configuration Guide for the Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure MPLS on Cisco CRS Router.
- [MPLS Layer 3 VPN Configuration Guide for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure MPLS Layer 3 VPN on Cisco ASR 9000 Series Aggregation Services Router.
- [Multicast Command Reference for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes the Multicast commands used in Cisco ASR 9000 Series Aggregation Services Router.
- [Multicast Command Reference for Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes the Multicast commands used in Cisco CRS Router.
- [Multicast Command Reference for the Cisco NCS 6000 Series Routers](#)  
Describes the Multicast commands used in Cisco NCS 6000 Series Router.
- [Multicast Configuration Guide for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Multicast on Cisco ASR 9000 Series Aggregation Services Router.
- [Multicast Configuration Guide for Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Multicast on Cisco CRS Router.
- [Multicast Configuration Guide for Cisco NCS 5000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Multicast on Cisco NCS 5000 Series Router.
- [Multicast Configuration Guide for Cisco NCS 5500 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Multicast on Cisco NCS 5500 Series Router.
- [Multicast Configuration Guide for the Cisco NCS 6000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Multicast on Cisco NCS 6000 Series Router.
- [Netflow Command Reference for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes the Netflow commands used in Cisco ASR 9000 Series Aggregation Services Router.

- [Netflow Command Reference for Cisco CRS Series Routers, IOS XR Release 6.2.x](#)  
Describes the Netflow commands used in Cisco CRS Router.
- [Netflow Command Reference for Cisco NCS 5500 Series Routers](#)  
Describes the Netflow commands used in Cisco NCS 5500 Series Routers.
- [Netflow Command Reference for Cisco NCS 6000 Series Routers](#)  
Describes the Netflow commands used in Cisco NCS 6000 Series Router.
- [Netflow Configuration Guide for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Netflow on Cisco ASR 9000 Series Aggregation Services Router.
- [Netflow Configuration Guide for Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Netflow on Cisco CRS Router.
- [Netflow Configuration Guide for Cisco NCS 5500 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Netflow on Cisco NCS 5500 Series Router.
- [Netflow Configuration Guide for Cisco NCS 6000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Netflow on Cisco NCS 6000 Series Router.
- [nV System Command Reference for Cisco ASR 9000 Series Routers](#)  
Describes the nV System commands used in Cisco ASR 9000 Series Aggregation Services Router.
- [nV System Command Reference for Cisco CRS Routers](#)  
Describes the nV System commands used in Cisco CRS Router.
- [nV System Command Reference for Cisco NCS 6000 Series Routers](#)  
Describes the nV System commands used in Cisco NCS 6000 Series Router.
- [nV System Configuration Guide for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure nV System on Cisco ASR 9000 Series Aggregation Services Router.
- [nV System Configuration Guide for Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure nV System on Cisco CRS Router.
- [nV System Configuration Guide for Cisco NCS 6000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure nV System on Cisco NCS 6000 Router.
- [Programmability Configuration Guide for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes the programmability configurations for ASR 9000 Series Routers.
- [Programmability Configuration Guide for Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes the programmability configurations for NCS 5000 Series Routers.
- [Programmability Configuration Guide for Cisco NCS 5000 Series Routers, IOS XR Release 6.2.x](#)  
Describes the programmability configurations for NCS 5000 Series Routers.

- [Programmability Configuration Guide for Cisco NCS 5500 Series Routers, IOS XR Release 6.2.x](#)  
Describes the programmability configurations for ASR 9000 Series Routers.
- [Programmability Configuration Guide for Cisco NCS 6000 Series Routers, IOS XR Release 6.2.x](#)  
Describes the programmability configurations for NCS 6000 Series Routers.
- [Release Notes for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.2](#)  
Provides information about new features, hardware, software support, and caveats for Cisco ASR 9000 Series Routers.
- [Release Notes for Cisco CRS Routers, IOS XR Release 6.2.2](#)  
Provides information about new features, hardware, software support, and caveats for Cisco CRS Routers.
- [Release Notes for Cisco IoT Device Manager 5.1](#)  
Provides the latest information to manage the Cisco 1000 Series Connected Grid Routers (CGR 1000) running Cisco IOS, the Cisco 800 Series Industrial Integrated Services Routers (IR800), and the Cisco 500 Series WPAN Industrial Routers (IR500).
- [Release Notes for Cisco NCS 5000 Series Routers, IOS XR Release 6.2.2](#)  
Provides information about new features, hardware, software support, and caveats for Cisco NCS 5000 Series Routers.
- [Release Notes for Cisco NCS 5500 Series Routers, Release 6.2.2](#)  
Provides information about new features, hardware, software support, and caveats for Cisco NCS 5500 Series Routers.
- [Release Notes for Cisco NCS 6000 Series Routers, IOS XR Release 6.2.2](#)  
Provides information about new features, hardware, software support, and caveats for Cisco NCS 6000 Series Routers.
- [Release Notes for IoT Field Network Director, Release 4.0.x](#)  
Contains the latest information about using the user interface for the IoT Field Network Director (IoT FND) 4.0 to configure and manage IPv6 mesh endpoints, Cisco 1000 Series Connected Grid Routers (CGR 1000 or CGR), Cisco 800 Series Integrated Services Routers (C800), Cisco 500 Series WPAN Industrial Routers (IR 500), and Cisco 800 Series Industrial Integrated Services Routers (IR809 and IR829).
- [ROM Monitor Configuration Guide for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure ROM Monitor on Cisco ASR 9000 Series Aggregation Services Router.
- [ROM Monitor Configuration Guide for Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure ROM Monitor on Cisco CRS Router.
- [Routing Command Reference for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes the Routing commands used in Cisco ASR 9000 Series Aggregation Services Router.
- [Routing Command Reference for Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes the Routing commands used in Cisco CRS Router.
- [Routing Command Reference for Cisco NCS 5000 Series Routers](#)  
Describes the Routing commands used in Cisco NCS 5000 Series Router.

- [Routing Command Reference for Cisco NCS 5500 Series Routers](#)  
Describes the Routing commands used in Cisco NCS 5500 Series Router.
- [Routing Command Reference for Cisco NCS 6000 Series Routers](#)  
Describes the Routing commands used in Cisco NCS 6000 Series Router.
- [Routing Configuration Guide for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Routing on Cisco ASR 9000 Series Aggregation Services Router.
- [Routing Configuration Guide for Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Routing on Cisco CRS Router.
- [Routing Configuration Guide for Cisco NCS 5000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Routing on Cisco NCS 5000 Series Router.
- [Routing Configuration Guide for Cisco NCS 5500 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Routing on Cisco NCS 5500 Series Router.
- [Routing Configuration Guide for Cisco NCS 6000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Routing on Cisco NCS 6000 Series Router.
- [Segment Routing Command Reference for Cisco NCS 5500 Series Routers](#)  
Describes Segment Routing commands used in Cisco NCS 5500 Series Router.
- [Segment Routing Command Reference for Cisco NCS 6000 Series Routers](#)  
Describes the Segment Routing commands used in Cisco NCS 6000 Series Router.
- [Segment Routing Configuration Guide for Cisco ASR 9000 Series Routers](#)  
Describes how to configure Segment Routing on Cisco ASR 9000 Series Aggregation Services Router.
- [System Administration Command Reference for the Cisco NCS 6000 Series Routers](#)  
Describes the System Administration commands used in Cisco NCS 6000 Series Router.
- [System Management Command Reference for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes the System Management commands used in Cisco ASR 9000 Series Aggregation Services Router.
- [System Management Command Reference for Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes the System Management commands used in Cisco CRS Router.
- [System Management Command Reference for Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes the System Management commands used in Cisco CRS Router.
- [System Management Command Reference for Cisco NCS 6000 Series Routers](#)  
Describes the System Management commands used in Cisco NCS 6000 Series Router.

- [System Management Configuration Guide for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure System Management on Cisco ASR 9000 Series Aggregation Services Router.
- [System Management Configuration Guide for Cisco NCS 5000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure System Management on Cisco NCS 5000 Series Router.
- [System Management Configuration Guide for Cisco NCS 5500 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure System Management on Cisco NCS 5500 Series Router.
- [System Management Configuration Guide for Cisco NCS 6000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure System Management on Cisco NCS 6000 Series Router.
- [System Monitoring Command Reference for Cisco ASR 9000 Series Routers](#)  
Describes the System Monitoring commands used in Cisco ASR 9000 Series Aggregation Services Router.
- [System Monitoring Command Reference for Cisco CRS Routers](#)  
Describes the System Monitoring commands used in Cisco CRS Router.
- [System Management Configuration Guide for Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure System Management on Cisco CRS Router.
- [System Monitoring Command Reference for Cisco NCS 5000 Series Routers](#)  
Describes System Monitoring commands used in Cisco NCS 5000 Series Router.
- [System Monitoring Command Reference for Cisco NCS 5500 Series Routers](#)  
Describes System Monitoring commands used in Cisco NCS 5500 Series Router.
- [System Monitoring Command Reference for Cisco NCS 6000 Series Routers](#)  
Describes the System Monitoring commands used in Cisco NCS 6000 Series Router.
- [System Monitoring Configuration Guide for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure System Monitoring on Cisco ASR 9000 Series Aggregation Services Router.
- [System Monitoring Configuration Guide for Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure System Monitoring on Cisco CRS Router.
- [System Monitoring Configuration Guide for Cisco NCS 5000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure System Monitoring on Cisco NCS 5000 Series Router.
- [System Monitoring Configuration Guide for Cisco NCS 5500 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure System Monitoring on Cisco NCS 5500 Series Router.
- [System Monitoring Configuration Guide for Cisco NCS 6000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure System Monitoring on Cisco NCS 6000 Series Router.
- [System Security Command Reference for Cisco NCS 5000 Series Routers](#)  
Describes System Security commands in Cisco NCS 5000 Series Router.

- [System Security Command Reference for Cisco NCS 5500 Series Routers](#)  
Describes System Security commands in Cisco NCS 5500 Series Router.
- [System Security Command Reference for Cisco NCS 6000 Series Routers](#)  
Describes the System Security commands used in Cisco NCS 6000 Series Router.
- [System Security Configuration Guide for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure System Security on Cisco ASR 9000 Series Aggregation Services Router.
- [System Security Configuration Guide for Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes the System Security commands used in Cisco CRS Router.
- [System Security Configuration Guide for Cisco NCS 5000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure System Security on Cisco NCS 5000 Series Router.
- [System Security Configuration Guide for Cisco NCS 5500 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure System Security on Cisco NCS 5500 Series Router.
- [System Security Configuration Guide for Cisco NCS 6000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure System Security on Cisco NCS 6000 Series Router.
- [System Setup and Software Installation Guide for Cisco NCS 5000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to configure System Setup and Software Installation on the Cisco NCS 5000 Series Routers.
- [System Setup and Software Installation Guide for Cisco NCS 5500 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure System Setup and Software Installation of Cisco NCS 5500 Series Router.
- [System Setup and Software Installation Guide for Cisco NCS 6000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to configure System Setup and Software Installation on Cisco NCS 6000 Series Router.
- [Telemetry Configuration Guide for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes the process of streaming telemetry data and its core components in Cisco ASR 9000 Series Aggregation Services Routers.
- [Telemetry Configuration Guide for Cisco CRS Routers, IOS XR Release 6.2.x](#)  
Describes the process of streaming telemetry data and its core components for Cisco CRS Router.
- [Telemetry Configuration Guide for Cisco NCS 5000 Series Routers, IOS XR Release 6.2.x](#)  
Describes the process of streaming telemetry data and its core components in Cisco NCS 5000 Series Routers.
- [Telemetry Configuration Guide for Cisco NCS 5500 Series Routers, IOS XR Release 6.2.x](#)  
Describes the process of streaming telemetry data and its core components in Cisco NCS 5500 Series Routers.
- [Telemetry Configuration Guide for Cisco NCS 6000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Telemetry on Cisco NCS 6000 Series Router.

- [Virtual Private Network Command Reference for Cisco CRS Series Routers, IOS XR Release 6.2.x](#)  
Describes the Virtual Private Networks commands used in Cisco CRS Router.
- [Virtual Private Network Command Reference for Cisco NCS 6000 Series Routers](#)  
Describes the Virtual Private Networks commands used in Cisco NCS 6000 Series Router.
- [Virtual Private Network Configuration Guide for Cisco CRS Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Virtual Private Network on Cisco CRS Router.
- [Virtual Private Network Configuration Guide for Cisco NCS 6000 Series Routers, IOS XR Release 6.2.x](#)  
Describes how to enable and configure Virtual Private Network on Cisco NCS 6000 Series Router.
- [VPN and Ethernet Services Command Reference for Cisco ASR 9000 Series Routers, IOS XR Release 6.2.x](#)  
Describes the VPN and Ethernet Services commands used in Cisco ASR 9000 Series Aggregation Services Router.
- [VPN and Ethernet Services Command Reference for Cisco NCS 5000 Series Routers](#)  
Describes the VPN and Ethernet Services commands used in Cisco NCS 5000 Series Routers.
- [VPN and Ethernet Services Command Reference for Cisco NCS 5500 Series Routers](#)  
Describes the VPN and Ethernet Services commands used in Cisco NCS 5500 Series Routers.

## Security

None at this time.

## Servers—Unified Computing

None at this time.

## Service Exchange

None at this time.

## Software

None at this time.

## Storage Networking

None at this time.

## Switches

None at this time.



## Unified Communications

- [Cisco Expressway Administrator Guide \(X8.10\)](#)

Describes the configuration and maintenance of Cisco Expressway X8.10.
- [Cisco Expressway and CUCM via SIP Trunk Deployment Guide \(CUCM 8,9,10,11 and X8.8\)](#)

Provides step-by-step instructions for deploying a Cisco Expressway with Cisco Unified Communications Manager over a SIP trunk.
- [Cisco Expressway and Microsoft Infrastructure Deployment Guide \(X8.9\)](#)

Provides step-by-step instructions for deploying a Cisco Expressway with Cisco Unified Communications Manager over a SIP trunk, and with a gateway to Microsoft collaboration infrastructure.
- [Cisco Expressway Basic Configuration Deployment Guide \(X8.10\)](#)

Provides step-by-step instructions for deploying a Cisco Expressway-C (in the internal network) with a Cisco Expressway-E (in the DMZ).
- [Cisco Expressway CE1100 Appliance Installation Guide \(X8.10\)](#)

Describes the installation and initial configuration procedure for the Cisco Expressway CE1100 appliance.
- [Cisco Expressway Certificate Creation and Use Deployment Guide \(X8.10\)](#)

Provides step-by-step instructions for creating X.509 cryptographic certificates for use with the Cisco Expressway.
- [Cisco Expressway Cluster Creation and Maintenance Deployment Guide \(X8.10\)](#)

Provides step-by-step instructions for deploying a cluster of Cisco Expressway systems.
- [Cisco Expressway IP Port Usage Configuration Guide \(X8.10\)](#)

Provides information about the IP ports required to connect infrastructure components related to Cisco Expressway deployments.
- [Cisco Expressway on Virtual Machine Installation Guide \(X8.10\)](#)

Provides step-by-step instructions for deploying Cisco Expressway software on a Virtual Machine.
- [Cisco Expressway Release Note \(X8.10\)](#)

Details new features, issues, changed behavior, and limitations in Cisco Expressway X8.10.
- [Cisco Expressway REST API Reference Guide \(X8.10\)](#)

Provides instructions on configuring Mobile and Remote Access using the Cisco Expressway REST API.
- [Cisco Expressway with Jabber Guest Deployment Guide \(X8.10\)](#)

Provides instructions for deploying the Jabber Guest solution on Cisco Expressway.
- [Cisco Expressway X8.10 Open Source Documentation](#)

Provides a list of the licenses and notices for open source software used in this product.
- [Cisco TelePresence Video Communication Server Administrator Guide \(X8.10\)](#)

Describes the configuration and maintenance of Cisco VCS X8.10.

- [Cisco TelePresence Video Communication Server Release Note \(X8.10\)](#)  
Details new features, issues, changed behavior, and limitations in Cisco VCS X8.10.
- [Cisco TelePresence Video Communication Server X8.10 Open Source Documentation](#)  
Provides a list of the licenses and notices for open source software used in this product.
- [Cisco Unified Communications XMPP Federation using IM and Presence or Expressway](#)  
Provides instructions for XMPP federation between Cisco infrastructure and an external messaging and presence deployment.
- [Cisco Unified Communications XMPP Federation using IM and Presence Service or VCS](#)  
Provides instructions for XMPP federation between Cisco infrastructure and an external messaging and presence deployment.
- [Cisco VCS and CUCM Deployment Guide \(CUCM 8,9,10,11 and X8.8\)](#)  
Provides step-by-step instructions for deploying a Cisco VCS with Cisco Unified Communications Manager.
- [Cisco VCS and Microsoft Infrastructure Deployment Guide \(X8.9\)](#)  
Provides step-by-step instructions for deploying a Cisco VCS with Microsoft Collaboration infrastructure.
- [Cisco VCS B2BUA and Microsoft Infrastructure Deployment Guide \(X8.9\)](#)  
Provides step-by-step instructions for deploying a Cisco VCS with B2BUA for Microsoft Collaboration infrastructure.
- [Cisco VCS CE1100 Appliance Installation Guide \(X8.10\)](#)  
Describes the installation and initial configuration procedure for the Cisco VCS CE1100 appliance.
- [Cisco VCS REST API Reference Guide \(X8.10\)](#)  
Provides instructions on configuring Mobile and Remote Access using the Cisco VCS REST API.
- [Cisco VCS Virtual Machine Installation Guide \(X8.10\)](#)  
Provides step-by-step instructions for deploying Cisco VCS software on a Virtual Machine.
- [Mobile and Remote Access via Cisco Expressway Deployment Guide \(X8.10\)](#)  
Provides step-by-step instructions for deploying a Cisco Expressway system to allow endpoints such as Cisco Jabber to have their registration, call control, provisioning, messaging and presence services provided by Cisco Unified Communications Manager when the endpoint is not within the enterprise network.
- [Mobile and Remote Access via Cisco Expressway Deployment Guide \(X8.9.1\)](#)  
Provides step-by-step instructions for deploying a Cisco Expressway system to allow endpoints such as Cisco Jabber to have their registration, call control, provisioning, messaging and presence services provided by Cisco Unified Communications Manager when the endpoint is not within the enterprise network.
- [Mobile and Remote Access via Cisco VCS Deployment Guide \(X8.10\)](#)  
Provides step-by-step instructions for deploying a Cisco VCS system to allow endpoints such as Cisco Jabber to have their registration, call control, provisioning, messaging and presence services provided by Cisco Unified Communications Manager when the endpoint is not within the enterprise network.

- [Mobile and Remote Access via Cisco VCS Deployment Guide \(X8.9.1\)](#)

Provides step-by-step instructions for deploying a Cisco VCS system to allow endpoints such as Cisco Jabber to have their registration, call control, provisioning, messaging and presence services provided by Cisco Unified Communications Manager when the endpoint is not within the enterprise network.

## Universal Gateways and Access Servers

None at this time.

## Video

None at this time.

## Wireless

None at this time.

## Creating Bookmarks to Cisco.com Pages

After you log in to Cisco.com, you can use the My Cisco tool to save links and documents. You can then go to the links from any Cisco.com page. The tool is available on most Cisco.com pages. See the *My Cisco User Guide* for help:

<https://www.cisco.com/web/help/mycisco.html>

## Cisco Support and Downloads

The Cisco Support and Downloads website provides online resources to download documentation, software, and tools. Use these resources to install and configure the software and to troubleshoot and resolve technical issues with Cisco products and technologies. To receive security and technical information about your products, subscribe to the Product Alert Tool (accessed from Field Notices), the Cisco Technical Services Newsletter, and Really Simple Syndication (RSS) feeds.

Access to most tools on the Cisco Support and Downloads website requires a Cisco.com user ID and password.

For more information:

<https://www.cisco.com/c/en/us/support/index.html>

## Submitting a Service Request

Open a service request online at:

<https://www.cisco.com/c/en/us/support/index.html>

Display a list of Cisco worldwide contacts at:

[https://www.cisco.com/en/US/support/tsd\\_cisco\\_worldwide\\_contacts.html](https://www.cisco.com/en/US/support/tsd_cisco_worldwide_contacts.html)

## Obtaining Additional Information

Information about Cisco products, services, technologies, and networking solutions is available from various online sources.

- Sign up for Cisco email newsletters and other communications at:  
<https://www.cisco.com/offer/subscribe>
- Visit the Cisco Services website for the latest technical, advanced, and remote services to increase the operational reliability of your network. Go to:  
<https://www.cisco.com/go/services>
- Visit Cisco Marketplace, the company store, for Cisco collateral, logo merchandise, Cisco Press books, and software at:  
<https://www.cisco.com/go/marketplace/>
- Obtain general networking, training, and certification titles from Cisco Press publishers at:  
<https://www.ciscopress.com>
- *What's New in Cisco Product Documentation* (this document) is an online publication that provides information about the latest documentation releases for Cisco products. This online publication is updated monthly and organized by product category. Go to:  
<https://www.cisco.com/c/en/us/td/docs/general/whatsnew/whatsnew.html>
- The Warranty Finder allows you to find warranty information that applies to a specific product or product series/family. To access Cisco Warranty Finder:  
<https://www.cisco-warrantyfinder.com>

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