Cisco ASR 1000 Series Aggregation Services Routers Documentation Roadmap, Cisco IOS XE 3S

This document roadmap describes the Cisco ASR 1000 Series Aggregation Services Router documentation and provides links to access the documentation online.

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Cisco Open Source Licensing Information

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For detailed information, go to: Open Source Licensing Information for Cisco ASR 1000 IOS XE 3

Important Information About Cisco IOS XE Releases

Starting from November, 2011, the Cisco IOS XE Release 3.4.0S is upgraded to Cisco IOS XE Release 3.5.0S. The Cisco IOS XE Release 3.5.0S has enhanced hardware that includes support for clear-channel E3 ATM on the SPA-2CHT3-CE-ATM on Cisco ASR 1000 Series Router.

Starting from July, 2011, the Cisco IOS XE Release 3.3.0S is upgraded to Cisco IOS XE Release 3.4.0S. The Cisco IOS XE Release 3.4.0S has introduced new hardware which are two new SPAs: 24-Port Channelized T1/E1 ATM CEoP SPA (Circuit Emulation Mode only) and 2-Port Channelized T3/E3 ATM CEoP SPA (ATM Mode only) on Cisco ASR 1000 Series Router.

Starting in March, 2011, the Cisco IOS XE Release 3.2.0S is upgraded to Cisco IOS XE Release 3.3.0S. The Cisco IOS XE Release 3.3.0S has introduced new hardware which are new SPAs: 1-Port 10-Gigabit Ethernet LAN/WAN Phy SPA and 1-Port Channelized OC-3 STM1 ATM CEoP SPA (Circuit Emulation Mode only) on Cisco ASR 1000 Series Router.

Starting in July, 2010, Cisco IOS XE software is moving from the current Cisco IOS XE Release 2.6 to Cisco IOS XE Release 3.1S to introduce new hardware (ASR1000-ESP40, ASR1000-SIP40, Cisco ASR 1013 Router) and an enhanced Cisco IOS 15.0(1) S software that runs on improved componentized code for Cisco IOS features.

The Cisco IOS XE release numbering scheme is modified by the addition of the suffix ‘S’ to the release number to denote the release branch that will differentiate the different products using Cisco IOS XE release.

As pointed out, the underlying Cisco IOS software numbering scheme for the Cisco ASR 1000 Series Routers changes from the current numbering of 12.2(33)XNx to 15.0(1)S. This change will define simpler numbering for new feature releases (the number in parenthesis) and rebuilds. The 15.x(x)Sx releases will continue to be time-based and time-synchronized with Cisco IOS XE releases.

Hardware Documentation

Step-by-step instructions for installing or upgrading a Cisco ASR Series Aggregation Services Router. To open a document, click the link provided.

- Cisco ASR 1000 Series Hardware Installation Guide
- Cisco ASR 1006 Router Quick Start Guide
- Cisco ASR 1004 Router Quick Start Guide
- Cisco ASR 1002 Router Quick Start Guide
- Cisco ASR 1002-F Router Quick Start Guide
- Cisco ASR 1013 Router Quick Start Guide

- Cisco ASR 1001 Router Quick Start Guide

Software Documentation

Detailed, step-by-step instructions for configuring a Cisco ASR Series Aggregation Services Router, including configuration examples, network diagrams, and technical concepts. To open a document, click the link provided:

- Cisco ASR 1000 Series Aggregation Services Routers Software Configuration Guide
- Cisco IOS XE System Messages
- Cisco Unified Border Element (SP Edition) Command Reference: Distributed Model
- Cisco Unified Border Element (SP Edition) Configuration Guide: Distributed Model
- Cisco Unified Border Element (SP Edition) Command Reference: Unified Model
- Cisco Unified Border Element (SP Edition) Configuration Guide: Unified Model
- Cisco Unified Border Element (SP Edition) Configuration Profile Examples

Shared Port Adapter Documentation

Detailed, step-by-step instructions for installing and configuring a shared port adapter on a Cisco ASR Series Aggregation Services Router. To open a document, click the link provided:

- Cisco ASR 1000 Series Aggregation Services Routers SIP and SPA Hardware Installation Guide
- Cisco ASR 1000 Series Aggregation Services Routers SIP and SPA Software Configuration Guide

Maintain and Operate Documentation

Maintain and operate guides describe the tasks required to maintain, administer, and use a Cisco ASR 1000 Aggregation Services Router. To open a document, click the link provided:

- Cisco ASR 1000 Series Aggregation Services Routers Operations and Maintenance Guide
- Cisco ASR 1000 Series Routers ROMmon Upgrade Guide
- Upgrading to the Cisco ASR 1000 Series Routers ROMmon Image Release 12.2(33r)XNB
- Upgrading to the Cisco ASR 1000 Series Routers ROMmon Image Release 12.2(33r)XN2
- Upgrading to the Cisco ASR 1000 Series Routers ROMmon Image Release 12.2(33r)XNC0
- Upgrading to the Cisco ASR 1000 Series Routers ROMmon Image Release 12.2(33r)XND
- Upgrading Field Programmable Hardware Devices for Cisco ASR 1000 Series Routers

Other Documentation

To open a document, click the link provided:

- Cisco ASR 1000 Series Aggregation Services Routers MIB Specifications Guide
- Network Address Translation (NAT) and Firewall Application Layer Gateway (ALG) Support on Cisco ASR 1000 Series Routers
- Cisco ASR 1000 Embedded Services Processor 10G Non-Crypto Capable Feature

Regulatory Compliance and Safety Information

Click the link to open the Regulatory Compliance and Safety Information for the Cisco ASR 1000 Series Aggregation Services Routers

Cisco IOS XE Documentation

To open a document, click the link provided:

- Click the link to open the:
  - Release Notes for Cisco ASR 1000 Series Aggregation Services Routers for Cisco IOS XE Release 3S
  - Release Notes for Cisco ASR 1000 Series Aggregation Services Routers for Cisco IOS XE Release 2
- Click the link to see a list of:
  - Cisco IOS XE 3S Software Configuration Guides
  - Cisco IOS XE, Release 2 Software Configuration Guides

Troubleshooting Tool

To open a document, click the link provided:

- Return Material Authorization (RMA) Instructions
- RMA FAQs
- Support Tools and Resources

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly What's New in Cisco Product Documentation, which also lists all new and revised Cisco technical documentation, at:

http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html

Subscribe to the What's New in Cisco Product Documentation as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a freeservice and Cisco currently supports RSS version 2.0.

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