



Cisco uBR7200 Universal Broadband Router Documentation Roadmap

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Contents

Use this roadmap as an online directory to quickly access publications for your product. It corresponds to the [Cisco uBR7200 documentation index page](#), and includes the following sections:

- [Release and General Information, page 1](#)
- [Download Software, page 2](#)
- [Reference Guides, page 2](#)
- [Design, page 3](#)
- [Install and Upgrade, page 3](#)
- [Configure, page 4](#)
- [Maintain and Operate, page 6](#)
- [Troubleshoot and Alerts, page 6](#)

Release and General Information

To open a document, click the link provided.



Americas Headquarters:

Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

Compatibility Information

- [Software Advisor - Choose The Software For Your Network Device](#)

Documentation Roadmaps

- [Cisco uBR7200 Series Universal Broadband Router Documentation Roadmap \(this document\)](#)

Licensing Information

- [Open Source Software Licenses for Cisco uBR7200 and uBR10000 Series Universal Broadband Routers](#)
- [Software License Activation on Cisco CMTS Routers](#)

Release Notes

- [Release Notes for Cisco uBR7200 Series Universal Broadband Routers](#)

Download Software

To display the Downloads page, click [here](#) or go to <http://www.cisco.com/cisco/software/navigator.html?a=a&i=rpm>



Note

You must have a Cisco.com account to access the Downloads page. To register with Cisco.com, click [here](#) or go to <http://tools.cisco.com/RPF/register/register.do>.

Reference Guides

To open a document, click the link provided.

Command References

- [CiscoIOS CMTS Cable Command Reference](#)
- [Command Lookup Tool for Cisco IOS](#)

Technical References

- [Cisco CMTS Universal Broadband Series Router MIB Specifications Guide 12.2 BC](#)
- [Cisco CMTS Universal Broadband Router Series MIB Specifications Guide 12.2SC](#)

Design

To open a document, click the link provided.

Design Guide

- [Cisco DOCSIS 3.0 Downstream Solution Design and Implementation Guide](#)

Design TechNotes

- [uBR7200 Series Cable Router Features Available in Cisco IOS Release 12.0 T, 12.0 XR, and 11.3 NA](#)
- [uBR7200 Series Router Architecture](#)
- [Understanding show cable modem Command States](#)
- [Using the max-cpe Command in the DOCSIS and CMTS](#)
- [Wireless Point-to-Point Quick Reference Sheet](#)

Install and Upgrade

To open a document, click the link provided.

Install and Upgrade Guides

Cisco uBR7246VXR and Cisco uBR7225VXR

- [Cisco uBR7200 Series Universal Broadband Router Hardware Installation Guide](#)
- [Cisco uBR7225VXR Universal Broadband Router Hardware Installation Guide](#)
- [Cisco uBR7246VXR Universal Broadband Router Quick Start Guide](#)
- [Cisco uBR7225VXR Universal Broadband Router Quick Start Guide](#)
- [Upgrading to the Cisco uBR7246VXR Universal Broadband Router](#)

Cable Interface Line Cards

- [Cisco uBR7200 Series Cable Interface Line Card Hardware Installation Guide](#)
- [Cisco uBR-MC88V Cable Interface Line Card Quick Start Guide](#)
- [Installing Cisco uBR-MC28U/X and uBR-E-28U Cable Interface Line Cards](#)
- [Installing Cisco uBRMC16U/X and uBR-E-16U Cable Interface Line Cards](#)

Clock Cards

- [Cisco Cable Clock Card Hardware Installation](#)

Field Replaceable Units

- [Cisco uBR7200 Series Universal Broadband Router AC Power Supply Replacement Instructions](#)
- [Fan Tray Replacement Instructions](#)

Network Processing Engines

- [Cisco uBR7200-NPE-G1 Read Me First](#)
- [Network Processing Engine and Network Services Engine Installation and Configuration](#)

Regulatory Compliance and Safety Information

- [Regulatory Compliance and Safety Information for Cisco uBR7200 Series Universal Broadband Routers](#)

Install and Upgrade TechNotes

- [Cable Modems Dropping Offline in a 2-way Cable Network](#)
- [How to Calculate the Hexadecimal Value for DHCP Option 2 \(time offset\)](#)

Configure

To open a document, click the link provided.

Configuration Examples and TechNotes

- [Bundling Cable Interfaces Sample Configuration and Verification](#)
- [Cable Modems Dropping Offline in a 2-way Cable Network](#)
- [Cisco uBR7200 - QoS/MAC Enhancements for Voice and Fax Calls: DOCSIS 1.0+](#)
- [CNR Parameter Changes with Multiple Cable Modems in a Network](#)
- [Configuring cable modem remote-query Command](#)
- [Configuring Cisco Network Registrar with Discontiguous Subnets on the Same Cable Interface](#)
- [DOCSIS 1.0 Baseline Privacy on the Cisco CMTS](#)
- [History of the Maximum Upstream Burst Parameter](#)
- [How to Switch Over Cable Telco-Return to Two-Way RF Return Path](#)
- [Transparent LAN Service over Cable Networks](#)
- [Troubleshooting Slow Performance in Cable Modem Networks](#)
- [uBR7200 Series Cable Router Features Available in Cisco IOS Release 12.0 T, 12.0 XR, and 11.3 NA](#)
- [Using the max-cpe Command in the DOCSIS and CMTS](#)
- [Why the MIB Variable "ccsFlapMacAddr" Does Not Return a Value](#)
- [Wireless Point-to-Point Sample Configuration and Command Reference](#)

Configuration Guides

Cisco IOS Release 12.2 SC

- [Cisco Feature Navigator II](#)
- [Cisco IOS CMTS Cable Software Configuration Guide, Release 12.2SC](#)

Line Cards and Broadband Processing Engines

- [Configuring the Cisco uBR-MC88V Cable Interface Line Card](#)
- [Configuring the Cisco uBR-MC28U/MC28X Cable Interface Line Card](#)
- [Configuring the Cisco uBR-MC16U/MC16X Cable Interface Line Card](#)

Cisco IOS Release 12.3 BC and Later

- [Cisco uBR7200 Series Software Configuration Guide](#)

Feature Guides

Cisco IOS Release 12.3 BC and Later

- [Cisco CMTS Feature Guide](#)
- [New Features in Cisco IOS Release 12.3\(23\)BC1](#)
- [New Features in Cisco IOS Release 12.3\(23\)BC2](#)

Legacy Features

- [Cisco Dual DOCSIS Channel \(DDC\) on the Cisco uBR7246VXR Universal Broadband Router](#)
- [Configuring A-TDMA Modulation Profiles](#)
- [Advanced-mode DOCSIS Set-Top Gateway 1.1 for the Cisco CMTS](#)
- [Advanced-mode DOCSIS Set-Top Gateway 1.2 for the Cisco CMTS](#)
- [Cable ARP Filtering](#)
- [Cisco Network Registrar for the uBR7200 Series](#)
- [Configuring PacketCable on the Cisco uBR7200 Series Universal Broadband Router](#)
- [DOCSIS Set-Top Gateway \(DSG\) for the Cisco CMTS](#)
- [Dynamic Shared Secret for the Cisco CMTS](#)
- [Filtering Cable DHCP Lease Queries on Cisco CMTS Routers](#)
- [Load Balancing on the Cisco CMTS](#)
- [Mapping Service Flows to MPLS-VPN on the Cisco CMTS](#)
- [Subscriber Traffic Management for the Cisco CMTS](#)
- [Support for Extended Frequency Ranges](#)
- [Transparent LAN Service over Cable](#)
- [Usage Based Billing for the Cisco CMTS](#)

Maintain and Operate

To open a document, click the link provided.

Maintain and Operate TechNotes

- [CNR Parameter Changes with Multiple Cable Modems in a Network](#)
- [Troubleshooting Slow Performance in Cable Modem Networks](#)

Troubleshoot and Alerts

To open a document, click the link provided.

Error and System Messages

- [Cisco IOS CMTS Cable System Messages Guide](#)
- [Error Message Decoder](#)

Field Notices

- [Field Notice: FN - 62725 - 7300-NSE-100, 7304-NPE-G100, C7200-I/O, C7200-I/O-2FE/E, C7200-I/O-GE+E, CISCO7301, NPE-G2, NPE-G1, uBR7200-NPE-G1 - Unable To Read CF or PCMCIA ATA Flash Disk - Data Loss or System Boot Hang - Replace Flash Card - UMPIRE Upgrade Available](#)
- [Field Notice: FN - 62390 - uBR-MC16c, uBR-MC16s and uBR-MC28c Cards Experience Increased FEC Errors with Some Newer Versions of IOS](#)
- [Cisco uBR7246VXR—Field Notice: FN - 61703 - NPE-G1, uBR7200-NPE-G1, C7301 and 7304-NPE-G100 May Experience a Software Error Resulting in an Unexpected Reload Due to Watchdog Timeout \(WDT\)](#)
- [Field Notice: FN - 61128 - Oversized Cisco 7200/uBR 7200 BootImage](#)
- [Field Notice: FN - 12932 - Some 7200 I/O Controllers May Not Boot with NPE-100, NPE-150, and NPE-200 Cards](#)
- [Field Notice: BPI Modems Display the Modem State Incorrectly in the show cable modem Command](#)
- [Field Notice: Flash Write Can Fail with Sharp and Smart Modular Flash Card](#)
- [Field Notice: CAR100 Requires Delay after Power-Off before Reapplying Power](#)
- [Field Notice: AUX Port Only Works up to 19.2k Baud](#)
- [Field Notice: Adding a 25th Netmask to a Network Database May Cause a Software Forced Crash](#)

Password Recovery

- [Password Recovery Procedure for the Cisco uBR7100, uBR7200, uBR10000 Universal Broadband Router](#)

Troubleshooting Guides

- [Bug Toolkit](#)
- [Output Interpreter](#)
- [Cisco CMTS Static CPE Override](#)

Troubleshooting TechNotes

- [Bug Toolkit](#)
- [Output Interpreter](#)
- [Cable Modems Dropping Offline in a 2-way Cable Network](#)
- [Cisco uBR7200 - QoS/MAC Enhancements for Voice and Fax Calls: DOCSIS 1.0+](#)
- [CNR Parameter Changes with Multiple Cable Modems in a Network](#)
- [DOCSIS 1.0 Baseline Privacy on the Cisco CMTS](#)
- [Hardware Troubleshooting Index Page](#)
- [Hardware Troubleshooting the Cisco uBR72xx / uBR7246 VXR Universal Broadband Router](#)
- [History of the Maximum Upstream Burst Parameter](#)
- [How to Calculate the Hexadecimal Value for DHCP Option 2 \(time offset\)](#)
- [How to Switch Over Cable Telco-Return to Two-Way RF Return Path](#)
- [IOS Upgrade Affects the Default Number of Antennas on uBR7200 VXR Routers](#)
- [ROMmon Recovery Procedure for the Cisco 7200, 7300, 7400, 7500, RSP7000, Catalyst 5500 RSM, uBR7100, uBR7200, uBR10000, and 12000 Series Routers](#)
- [Troubleshooting Slow Performance in Cable Modem Networks](#)
- [uBR7200 Series Cable Router Features Available in Cisco IOS Release 12.0 T, 12.0 XR, and 11.3 NA](#)
- [uBR7200 Series Router Architecture](#)
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- [Why the MIB Variable "ccsFlapMacAddr" Does Not Return a Value](#)
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