Cisco uBR7200 Universal Broadband Router Documentation Roadmap

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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:

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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 uBR7200 Series Cable Interface Line Card Hardware Installation Guide
- Cisco uBR7246VXR Universal Broadband Router Quick Start Guide
- Cisco uBR7225VXR Universal Broadband Router Quick Start Guide
- Cisco uBR7200-NPE-G1 Read Me First
- 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
- Upgrading to the Cisco uBR7246VXR Universal Broadband Router
- Cisco uBR-MC88V Cable Interface Line Card Quick Start Guide

Cisco 7200 Series

- Cisco Cable Clock Card Hardware Installation
- Cisco uBR7200 Series Universal Broadband Router Hardware Installation Guide
- Cisco uBR7200 Series Cable Interface Line Card Hardware Installation Guide
- Regulatory Compliance and Safety Information for Cisco uBR7200 Series Universal Broadband Routers
- Fan Tray Replacement Instructions

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 Feature Navigator II
- Cisco uBR7200 Series Software Configuration Guide
- Cisco IOS CMTS Cable Software Configuration Guide, Release 12.2SC
- Configuring the Cisco uBR-MC88V Cable Interface Line Card

Feature Guides

- Cisco CMTS Feature Guide
- New Features in Cisco IOS Release 12.3(23)BC1
- New Features in Cisco IOS Release 12.3(23)BC2
- New Features in Cisco IOS Release 12.2(33)SCA
- New Features in Cisco IOS Release 12.2(33)SCB
- New Features in Cisco IOS Release 12.2(33)SCC
- New Features in Cisco IOS Release 12.2(33)SCD
- New Features in Cisco IOS Release 12.2(33)SCE
- New Features in Cisco IOS Release 12.2(33)SCF

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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