

uBR7200 Series Cable Router Features Available in Cisco IOS Releases 12.0 T, 12.0 XR, and 11.3 NA

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Introduction

This document summarizes all the features that are available in Cisco's Cable Modem Termination Systems (CMTS) since Cisco IOS® Software Release 11.3(5)NA to 12.0T, and 12.0 XR

There have been many enhancements to Cisco's CMTS capabilities on Cisco IOS Software Release 12.0. The table in this document summarizes all of these enhancements.

Before You Begin

Conventions

For more information on document conventions, see the Cisco Technical Tips Conventions.

Prerequisites

There are no specific prerequisites for this document.

Components Used

The information in this document is based on the software and hardware versions listed in the table.

The information presented in this document was created from devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If you are working in a live network, ensure that you understand the potential impact of any command before using it.

CMTS Feature Table

Available With Cisco IOS Software Release:	Category	Feature
11.3(5)NA and 12.0(3)T	Cable Features	Feature Enhancements
11.3(6)NA		MC16 Modem Card

11.3(8)NA		Access List Support Enhancements
12.0(4)T		<ul style="list-style-type: none"> • Downstream Channel ID Configuration • Multiple Service ID Support • Cable Modem and Host Subnet Addressing
12.0(5)T		<ul style="list-style-type: none"> • Telephone Return • Time Server Functionality
12.0(7)T		Amplitude Averaging Compensation
12.0(7)XR		<ul style="list-style-type: none"> • Cable Interface Bundling • Enhanced Modem Status Display • show interface cable Command Verbose Enhancements • IP Address Verification • Registration Timeout Configuration • show cable modem Command Enhancements • Modem Status Summary Enhancements • show controller Command Enhancements • Configuring Concatenation

		<ul style="list-style-type: none"> • Virtual Private Network Support • Blind Hopping Support on the MC16S Modem Card • Signal-to-Noise Ratio Data Support
11.3(9)NA and 12.0(4)T	Cable Quality of	QoS Profile
12.0(4)T	Service (QoS)	Enforcement QoS for Voice
11.3(9)NA	Network Management	Upstream Traffic Shaping Feature
12.0(5)T		<ul style="list-style-type: none"> • Enhanced-Spectrum Management • Downstream Rate Shaping with TOS bits
12.0(7)XR		<ul style="list-style-type: none"> • Spectrum Management Using the MC16S Modem Card • Downstream Test Signals Configuration
12.0(7)XR	Wireless Features	Point-to-Point Wireless Support

Related Information

- [Cisco uBR7200 Series Cable Routers](#)
 - [Broadband Cable Technical Support Pages](#)
 - [Cable Product Support Pages](#)
 - [Technical Support – Cisco Systems](#)
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