



Cisco DOCSIS Transponder System Release 1.00.08 Release Note

Overview

This system release supports the DOCSIS Transponder. It incorporates the new features and fixes for the transponder module.

Purpose

This document lists the resolved and outstanding items in Release 1.00.08, and provides instructions for downloading the software.

Audience

This document is intended for qualified and skilled personnel who configure the system. These personnel should understand basic optics, RF, and network monitoring operations.

Qualified Personnel

Only appropriately qualified and skilled service personnel should attempt to install, operate, maintain, and service this product.



WARNING:

Allow only qualified and skilled personnel to install, operate, maintain, and service this product. Otherwise, personal injury or equipment damage may occur.

Related Publications

You may find the following publications useful as you implement the procedures in this document:

- *Cisco Euro-DOCSIS/DOCSIS Transponder for Compact Products Installation and Operation Guide*, part number OL-31165
- *Cisco DOCSIS/EuroDOCSIS Transponder for GainMaker Node Installation and Operation Guide*, part number OL-32435
- *Cisco Euro-DOCSIS/DOCSIS Transponder for GainStar Amplifier and Node Installation and Operation Guide*, part number OL-32436

Document Version

This is the second version of the release note.

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Release Purpose

Hardware

This release includes no hardware changes or updates.

Firmware

This release includes firmware changes or updates, and fixes bugs that existed in the previous release.

Changes in Functionality

This release contains functionality changes:

- Under the Transponder menu of the DOCSIS Transponder Web UI, a new setting called “Start Frequency (MHZ)” is added to the DOCSIS Mode page.
- Use Microsoft Windows system RNDIS USB driver to support the DOCSIS transponder USB port in Windows 7.

Resolved Items

This release resolves the following outstanding items that carried over from previous system releases.

Issue ID	Status	Issue
CSCu129146	Resolved	The names of the device file were not consistent.
CSCup14075	Resolved	After the device file was upgraded, the wrong button name and EDR interface were displayed in the EDR web page of the DOCSIS Transponder for GainMaker Node.
CSCup16870	Resolved	When the 3-state switch was set to -6dB, the signal was attenuated by 3dB, not 6dB.
CSCup16882	Resolved	The Web UI of the DOCSIS Transponder for A90200 and A90201 was not consistent with the LCI software interface. There was no optical level reference level and low optical threshold on the Web UI.

Outstanding Items

There are two outstanding items that remains unresolved in this system release.

- During the frequency scan, the Web UI response time is longer than usual.
- The transponder occasionally boots from image 1, not image 2, which is the default image.

Operation Limitations

In the DOCSIS Transponder Configuration web page, the default IP address of the TFTP server is 192.168.100.101. The user can change the default IP address to another IP address, but after the DOCSIS transponder is rebooted, the IP address resets to 192.168.100.101.

Using the Bug Tool Kit

If you need information about a specific caveat that does not appear in this release note, you can use the Cisco Bug Toolkit to find caveats of any severity. Use the following URL to access the Bug Toolkit:

<http://tools.cisco.com/Support/BugToolkit/>

If you request a defect that cannot be displayed, the defect number might not exist, the defect might not yet have a customer-visible description, or the defect might be marked Cisco Confidential.

Installation Instructions

To Download the System Release

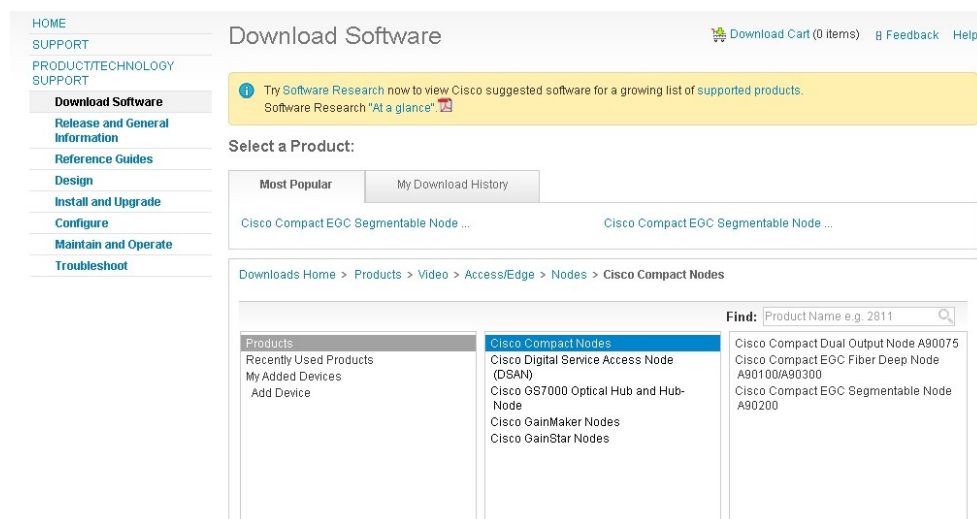
Complete the following steps to get the latest software releases.

Go to the support section of the Cisco website (<http://www.cisco.com>).

Note: If you have not done so, you will need to set up an account to access the software releases.

From the Support menu, choose **All Downloads** and then use the selection tree to find the appropriate products.

The following figure shows the general layout of the software download page accessible from the Cisco website.



For example, DOCSIS Transponder System Release 1.00.08 firmware is listed under Products > Video > Access/Edge > Nodes > Cisco Compact Nodes > Cisco Compact EGC Segmentable Node A90200 > Transponder Firmware and MIBs.

Download the appropriate files, depending on your needs.

To Install the Latest Firmware

For installation instructions, see the *Cisco Compact HFC Firmware Download Kit Installation and Operation Guide*, part number OL-30190.

For Information

For Information

If You Have Questions

If you have technical questions, call Cisco Services for assistance. Follow the menu options to speak with a service engineer.



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