Release Notes for Cisco D9859 Advanced Receiver Transcoder for Software Version 1.50

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Introduction

This document describes the new features, hash digest values, resolved caveats, and open caveats in software Version 1.50 for the Cisco D9859 Advanced Receiver Transcoder.

Note: Prior to upgrading to software Version 1.50, the unit must have software Version 1.11 installed.

New Features

The following is a list of new features for Version 1.50.

- On Screen Display support in transcoded output

- Satellite Disaster Recovery support with Cisco PowerVu Network Center uplink control (Release 12.5 or later)

- NIT Retune Recovery

- Fingerprint burn-in support in the transcoded output

- Subtitle burn-in support in the transcoded output

Hash Digest Values

You can generate the hash digest to verify the integrity of the software and FPGA versions running on the D9859 transcoder. For more information on generating the hash digest values, see *Cisco D9859 Advanced Receiver Transcoder Installation and Configuration Guide*.

Table 1 on page 2 lists the official D9859 V1.50 hash digest values.

Table 1   D9859 V1.50 Hash Digest Values

Code/Processor	Hash Digest	Version
APP/5514	982657d1 e6aed486 e420f507 e9099a14 d27eca28	R01.50.00DD
Boot/5514	d3dfbd8b f902d2d5 47e2fb49 e239b3b6 8027d41f	R05.00.00DD
APP/7109	d2fde3be 42956a86 2cb48afb eeba6eed bcbb611e	R01.50.00DD
Boot/7109	5c2dbc95 d3b1ef1b d8176e31 0a47ab17 06064ad5	R01.00.00DD
FPGA/7109	edd457b4 03ccaa84 84635a9e 1704999e 733616a4	R00.00.05az

If these values do not match the generated digest values, contact Cisco Services.

Caveats

This section includes open and resolved caveats for this release. This section includes the following topics.

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Resolved Caveats – Version 1.50, page 2

Open Caveats – Version 1.50

There are no open caveats in Version 1.50.

Resolved Caveats – Version 1.50

The following is a list of resolved caveats in Version 1.50. The caveat ID can be searched using the Cisco Bug Search Tool (https://tools.cisco.com/bugsearch), where you can find details about the caveat.

- CSCuo75928

  The origin channels are not displayed on the Disaster Recovery Setup page and the Disaster Recovery Status page after a power cycle or reboot.

- CSCun71005

  When a backup transport is deleted, all its parameters and backup channels revert back to its default values.

- CSCuo01565

  Warning is needed to indicate original network ID mismatch.

- CSCuo79386

  The PMT video stream descriptor is missing or incomplete when the video input is SD or 1080i.

- CSCup98624

  No error message is displayed when a user tries to access the web GUI with another computer when there is already an active session.

- CSCuo47503

  You can only set a maximum of two decimal places for the ASI output rate via the web GUI.

- CSCuq33843

  The SNMP traps cannot be sent to the trap server after startup.

- CSCuo28924

  PID collisions are found in the DPM output.

- CSCuq87864

  Transcoding cannot be enabled when a PE, that is under inband control, has invalid channel configurations.

- CSCuq90637

  The ATSC Dolby Digital Plus audio stream type is parsed as high speed data.

- CSCuo16659

  When you do not enter a password on the Lock Level Setting of the web GUI, an unhelpful error message is displayed.

- CSCuo19484

  The tooltip displayed when you hover over the BISS Mode-E Session Word field is incorrect.

- CSCuo74949

  Transcode failure due to multiple power cycles.

- CSCup74279

  Wrong transcoder configuration error warnings are reported after a power on or factory reset.

- CSCuq94571

  DPM PID collision occurs after the PE is forced to transcode by Inband Control.

- CSCur05410

  Disabling the SNMP protocol during a restore could lead to a reset.

- CSCur28030

  Some MIB errors when working with SNMP interface.

- CSCuo03599

  Help tooltips missing on the MPEG over IP Output and Transcoder Setup pages.

- CSCur72588

  The unit may reboot unexpectedly due to an internal memory lockup.

- CSCuq32686

  Transcode failure occurs after LEC retune is performed simultaneously on all the program entries.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation* at: http://www.cisco.com/c/en/us/td/docs/general/whatsnew/whatsnew.html.

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