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>
<thead>
<tr>
<th>Code/Processor</th>
<th>Hash Digest</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>APP/5514</td>
<td>982657d1 e6aed486 e420f507 e9099a14 d27eca28</td>
<td>R01.50.00DD</td>
</tr>
<tr>
<td>Boot/5514</td>
<td>d3dfbd8b f902d2d5 47e2fb49 e239b3b6 8027d41f</td>
<td>R05.00.00DD</td>
</tr>
<tr>
<td>APP/7109</td>
<td>d2fde3be 42956a86 2cb48af6 eeba6eed bcbb611e</td>
<td>R01.50.00DD</td>
</tr>
<tr>
<td>Boot/7109</td>
<td>5c2dbc95 d3b1ef1b d8176e31 0a47ab17 06064ad5</td>
<td>R01.00.00DD</td>
</tr>
<tr>
<td>FPGA/7109</td>
<td>edd457b4 03ccaa84 84635a9e 1704999e 733616a4</td>
<td>R00.00.05az</td>
</tr>
</tbody>
</table>

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.

Open Caveats - Version 1.50, page 2
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.
Caveats

- 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.

- 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.
Caveats

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