



## Caveat List for Cisco IOS Release 12.2(33)SCH

This chapter describes open and resolved severity 1, 2, and 3 caveats:

- The “Open Caveats” section lists open caveats that apply to the current release and may apply to previous releases. A caveat that is open in a previous release and is still unresolved applies to all future releases until it is resolved.
- The “Resolved Caveats” section lists caveats resolved in a specific release, but open in previous releases.

The bug IDs are sorted alphanumerically.



### Note

The Caveats section includes the bug ID and a short description of the bug. For details on the symptoms, conditions, and workaround for a specific caveat you must use the Bug Search Tool.

## Cisco Bug Search

Cisco Bug Search Tool (BST), the online successor to Bug Toolkit, is designed to improve effectiveness in network risk management and device troubleshooting. You can search for bugs based on product, release, and keyword, and aggregates key data such as bug details, product, and version. For more details on the tool, see the help page located at <http://www.cisco.com/web/applicat/cbsshelp/help.html>.

## Open Caveats—Cisco IOS Release 12.2(33)SCH6

Bug ID	Description
<a href="#">CSCt116221</a>	%LICENSE-6-VIOLATION: Feature DS_License 1.0 count violation
<a href="#">CSCuo97951</a>	Change command "DOCSIS PING" output displaying "16 upstream".
<a href="#">CSCuq35466</a>	Modems in *online state when privacy is disabled on DOCSIS 1.1 file.
<a href="#">CSCuq65360</a>	The show cable modem phy command output - DSPwr values -1 ~ 0 missing.

Bug ID	Description
<a href="#">CSCuq85470</a>	CM traffic does not recover after shut noshut forwarding interface.
<a href="#">CSCuo40008</a>	NVARM VOLTAGE process high CPU for MC88U and results in snmpwalk failure.

## Resolved Caveats—Cisco IOS Release 12.2(33)SCH6

Bug ID	Description
<a href="#">CSCuo32537</a>	Wideband Cable Modems Are Not Bonding - MD-DS-SG ID is 0.
<a href="#">CSCuo92463</a>	Cable modem stuck in init(io) state.
<a href="#">CSCuq33428</a>	Lack of cefmodulestatuschange trap when DTCC card manually shuts down.
<a href="#">CSCur24020</a>	LB Problem with MRC Mode CMs when DS Has Both NB and WB Svc Flows.
<a href="#">CSCur35700</a>	The docsIf3DsChSetChList does not report the correct number of downstream channels.
<a href="#">CSCus32354</a>	CMTS: CPE learned via dhcp shows static method after dhcp request.

## Open Caveats—Cisco IOS Release 12.2(33)SCH5

Bug ID	Description
<a href="#">CSCtl16221</a>	The <b>show licenses all</b> command displays incorrect count of licenses.
<a href="#">CSCuo32537</a>	When changes are made to upstream or downstream RF Channels or frequencies, channel bonding stops working. DOCSIS 3.0 and Wideband cable modems register as DOCSIS1.0 or Narrowband modems.
<a href="#">CSCuo40008</a>	When NVRAM VOLTAGE process results in high line card CPU utilization, the snmpwalk process fails for an interval of 100 seconds and the snmpwalk process does not fail for an interval of 200 seconds.
<a href="#">CSCuo92463</a>	Cable modems are stuck in the init(io) state.
<a href="#">CSCuo97951</a>	The <b>ping docsis verbose</b> command displays incorrect upstream value in the output.
<a href="#">CSCuq33428</a>	The <i>cefmodulestatuschange</i> trap disappears when the DTCC card is manually shut down.

Bug ID	Description
<a href="#">CSCuq35466</a>	The <b>show cable modem</b> command output shows modems in <i>online</i> state when privacy is disabled on the DOCSIS 1.1 file and cable privacy is configured on the MAC domain.
<a href="#">CSCuq65360</a>	The <b>show cable modem phy</b> command output does not display DSpwr values from -1 to 0.
<a href="#">CSCuq85470</a>	Cable modem is not marked as <i>offline</i> and the traffic is not recovered after executing <b>shut</b> and <b>no shut</b> commands on the interface.
<a href="#">CSCur24020</a>	Load balancing function experiences problems with MRC mode cable modems when downstream has both wideband and narrowband service flows.

## Resolved Caveats—Cisco IOS Release 12.2(33)SCH5

Bug ID	Description
<a href="#">CSCun28812</a>	Wideband cable modem is online using a Wideband-Cable interface that has less channels than it is capable of bonding even when a higher channel Wideband-Cable interface is available for the modem to use.
<a href="#">CSCuo54863</a>	When the <b>clear cable modem all delete</b> command is used, mass modem re-registration may result in modem(s) dropped into the CMTS Filter Group 255 due to missed Inter-Process Communication (IPC) between Route processor and line cards.
<a href="#">CSCuo68334</a>	When <b>cable modem max-cpe X</b> configuration is set in the global configuration with a value smaller than the total number of CPEs behind a cable modem, the following error is logged frequently:  <pre>%UBR10000-5-MAXHOST Interface CableX/Y/Z, New host with IP address 0.0.0.0 and MAC xxxx.xxxx.xxxx on SID xxx (CM xxxx.xxxx.xxxx) is ignored in error handling path.</pre>

## Open Caveats—Cisco IOS Release 12.2(33)SCH4

Bug ID	Description
<a href="#">CSCtl16221</a>	The <b>show licenses all</b> command displays incorrect count of licenses.
<a href="#">CSCuo40008</a>	When NVRAM VOLTAGE process results in high line card CPU utilization, the snmpwalk process fails for an interval of 100 seconds and the snmpwalk process does not fail for an interval of 200 seconds.
<a href="#">CSCuo92463</a>	Cable modems are stuck in the init(io) state.
<a href="#">CSCuo97951</a>	The <b>ping docsis verbose</b> command incorrectly displays the value <i>16 upstream</i> in the output.
<a href="#">CSCup74784</a>	The Cisco uBR-MC88V line card crashes and the %SYS-2-MALLOCFAIL error message is displayed.
<a href="#">CSCup80094</a>	The Internet Protocol Detail Record (IPDR) server sees different values for the RcsId on the Cisco CMTS (CmtsRcsId) and SNMP.

## Resolved Caveats—Cisco IOS Release 12.2(33)SCH4

Bug ID	Description
<a href="#">CSCun28812</a>	Wideband cable modem is online using a Wideband-Cable interface that has less channels than it is capable of bonding even when a higher channel Wideband-Cable interface is available for the modem to use.

## Open Caveats—Cisco IOS Release 12.2(33)SCH3

Bug ID	Description
<a href="#">CSCuo32537</a>	When changes are made to upstream or downstream RF Channels or frequencies, channel bonding stops working. DOCSIS 3.0 and Wideband cable modems register as DOCSIS1.0 or Narrowband modems.
<a href="#">CSCuo54863</a>	When the <b>clear cable modem all delete</b> command is used, mass modem re-registration may result in modem(s) dropped into the CMTS Filter Group 255 due to missed Inter-Process Communication (IPC) between Route processor and line cards.
<a href="#">CSCtl16221</a>	The lshow licenses alll command displays incorrect count of licenses.
<a href="#">CSCun28812</a>	Wideband cable modem is online using a Wideband-Cable interface that has less channels than it is capable of bonding even when a higher channel Wideband-Cable interface is available for the modem to use. This occurs when a modem capable of 16 or 24 channels initially acquires on a Modular-Cable controller that only has a 4 channel Receive Channel Configuration (RCC) and is then steered to a different Modular-Cable controller with 4, 8, and 12 channel RCC available. When the cable modem moves to the controller with 12 channels available, load balancing configures a 4 channel RCC for the modem.
<a href="#">CSCuo84613</a>	On Cisco uBR7225VXR router, the Cisco Model DPC2203 and Cisco Model DPC3000 cable modems take about 45 minutes to come online.
<a href="#">CSCuo85751</a>	On a Cisco uBR7200VXR router, the SNMP counter for ifHCOutOctets rolls back to zero when the 32-bit value for Integrated-Cable downstream interfaces is reached. This counter is expected to hold up to the maximum 64-bit value.

Bug ID	Description
<a href="#">CSCuo68334</a>	<p>When <b>cable modem max-cpe X</b> configuration is set in the global configuration with a value smaller than the total number of CPEs behind a cable modem, the following error is logged frequently:</p> <pre>%UBR10000-5-MAXHOST Interface CableX/Y/Z, New host with IP address 0.0.0.0 and MAC xxxx.xxxx.xxxx on SID xxx (CM xxxx.xxxx.xxxx) is ignored in error handling path.</pre>
<a href="#">CSCuo40008</a>	<p>When NVRAM VOLTAGE process results in high line card CPU utilization, the snmpwalk process fails for an interval of 100 seconds and the snmpwalk process does not fail for an interval of 200 seconds.</p>

## Resolved Caveats—Cisco IOS Release 12.2(33)SCH3

Bug ID	Description
<a href="#">CSCue29903</a>	<p>SNMP entPhysicalModelName shows small form-factor pluggable (SFP) value as "N/" instead of "N/A" when the model name of the SFP module seated in the Cisco 5-Port Gigabit Ethernet SPA is not programmed for IDPROM.</p>
<a href="#">CSCul59043</a>	<p>Inconsistent results generated via SNMP and CLI for DOCSIS 3.0 cable modem flap-list counters.</p>
<a href="#">CSCun04735</a>	<p>Cable modems are stuck at init6(a) when more than 2 bundle sub-interfaces are configured and Dynamic Message Integrity Check (DMIC) is enabled. Cisco CMTS drops the first advertise message from the cable modem.</p>
<a href="#">CSCun79107</a>	<p>The MIB object ifOutOctets displays the counter for only the primary channel of the RF channel.</p>

## Open Caveats—Cisco IOS Release 12.2(33)SCH2a

Bug ID	Description
<a href="#">CSCtl16221</a>	The <b>show licenses all</b> command displays incorrect count of licenses.
<a href="#">CSCun04735</a>	Cable modems are stuck at init6(a) when more than 2 bundle sub-interfaces are configured and Dynamic Message Integrity Check (DMIC) is enabled. Cisco CMTS drops the first advertise message from the cable modem.

## Resolved Caveats—Cisco IOS Release 12.2(33)SCH2a

There are no resolved caveats for Cisco IOS Release 12.3(33)SCH2a.

## Open Caveats—Cisco IOS Release 12.2(33)SCH2

Bug ID	Description
<a href="#">CSCtl16221</a>	The <b>show licenses all</b> command displays incorrect count of licenses.
<a href="#">CSCun04735</a>	Cable modems are stuck at init6(a) when more than 2 bundle sub-interfaces are configured and Dynamic Message Integrity Check (DMIC) is enabled. Cisco CMTS drops the first advertise message from the cable modem.

## Resolved Caveats—Cisco IOS Release 12.2(33)SCH2

Bug ID	Description
<a href="#">CSCud52135</a>	The cable interface line card may crash when the map data value is null.
<a href="#">CSCuh29601</a>	FTP download speed does not reach its maximum value for the Cisco uBR-MC88V line card.
<a href="#">CSCui03494</a>	Cisco uBR-MC88V cable interface line card crashes continuously on a Cisco uBR7246VXR router.
<a href="#">CSCui32838</a>	When DOCSIS Extended Transmit Power is enabled, the CMTS continues to apply the RTCS power budget rules, reducing the number of USCB Channels for Docsis 3.0 cable modems capable of transmitting at higher power levels.

Bug ID	Description
CSCui98892	The TLV 43.5.11 (MPLS Pseudowire ID) cannot be assigned values larger than 0x7fffffff as per the CableLabs BSoD specification.
CSCuj32132	<p>OSPF crashes when neighbor goes from LOADING to FULL.</p> <pre>*Sep 13 07:59:54 MDT: OSPF-5-ADJCHG Process 30, Nbr x.x.x.x on TenGigabitEthernet0/0/0.30 from LOADING to FULL, Loading Done</pre>
CSCuj36010	ENTITY-MIB::entPhysicalName.is is signaled with an index of an upstream connector.
CSCuj44080	The neighbor unreachability detection (NUD) in-process counter does not decrease even if the CPE acknowledges within the first 3 ping requests.
CSCuj45995	When a modem sends a malformed capability tlv message, the line card crashes due to memory corrupt.
CSCul11001	The DOCSIS 3.0 cable modems reset when Resiliency Bonding Group (RBG) is configured and some DOCSIS 3.0 cable modems do not participate in upstream channel bonding (disabled/not enabled in the cable modem config file).
CSCul19891	The <b>show cable modem</b> command output shows "Prim Sid" and "RxPwr" values in one field.
CSCul22646	The <b>show cable modem extended-power</b> command output includes cable modems with upstream reported transmit power lower than the phy max power.
CSCul31867	Memory leak is observed due to Dynamic Channel Change (DCC) failure.
CSCul42156	The ETSEC interface may drop bytes in FIFO mode for revision 3 of the MPC8548.
CSCum18803	Incorrect primary downstream interface value is returned via SNMP docsIfCmtsCmStatusDownChannelIfIndex.

## Open Caveats—Cisco IOS Release 12.2(33)SCH1

Bug ID	Description
<a href="#">CSCtl16221</a>	The <b>show licenses all</b> command displays incorrect count of licenses.
<a href="#">CSCud52135</a>	The cable interface line card may crash when the map data value is null.
<a href="#">CSCuh29601</a>	FTP download speed does not reach its maximum value for the Cisco uBR-MC88V line card.

## Resolved Caveats—Cisco IOS Release 12.2(33)SCH1

Bug ID	Description
<a href="#">CSCud51909</a>	The route processor crashes when online insertion and removal (OIR) of the Cisco uBR-MC88V line card is performed multiple times.
<a href="#">CSCuh66181</a>	DHCP cannot detect the CPE type and hence the CPE gets wrong IP address.

## Open Caveats—Cisco IOS Release 12.2(33)SCH

Bug ID	Description
<a href="#">CSCud51909</a>	The route processor may crash if you perform online insertion and removal (OIR) of the Cisco uBR-MC88V line card multiple times.
<a href="#">CSCud52135</a>	The cable interface line card may crash when the map data value is null.

## Resolved Caveats—Cisco IOS Release 12.2(33)SCH

Bug ID	Description
<a href="#">CSCud68948</a>	When using the three step dynamic modulation profile, the upstream channels do not move to the most robust modulation profile.

