



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

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

- The “Open Caveats” sections list open caveats that apply to the current release and may apply to previous releases. A caveat that is open for a prior release and is still unresolved applies to all future releases until it is resolved.
- The “Resolved Caveats” sections list 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)SCG7

Bug ID	Description
<a href="#">CSCt16221</a>	The <b>show licenses all</b> command displays incorrect count of licenses.

Bug ID	Description
<a href="#">CSCud22985</a>	Cisco CMTS continues to send DOCSIS Dynamic Channel Change (DCC) traps when no <b>snmp-server enable traps docsis-cmts</b> command is configured and the modems switch channels.
<a href="#">CSCue10014</a>	The RF channels of the Wideband SPA controllers may not receive the Upstream Channel Descriptor (UCD) information, when RF channels are configured in more than three controllers of the Cisco uBR-MC3GX60V MAC domain.

## Resolved Caveats—Cisco IOS Release 12.2(33)SCG7

Bug ID	Description
<a href="#">CSCul42156</a>	The ETSEC interface may drop bytes in FIFO mode for revision 3 of the MPC8548.

## Open Caveats—Cisco IOS Release 12.2(33)SCG6

Bug ID	Description
<a href="#">CSCtl16221</a>	The show licenses all command displays incorrect count of licenses.
<a href="#">CSCud22985</a>	Cisco CMTS continues to send DOCSIS Dynamic Channel Change (DCC) traps when no <b>snmp-server enable traps docsis-cmts</b> command is configured and the modems switch channels.
<a href="#">CSCue10014</a>	The RF channels of the Wideband SPA controllers may not receive the Upstream Channel Descriptor (UCD) information, when RF channels are configured in more than three controllers of the Cisco uBR-MC3GX60V MAC domain.

## Resolved Caveats—Cisco IOS Release 12.2(33)SCG6

Bug ID	Description
<a href="#">CSCub69658</a>	Cisco CMTS creates a MAC address-based filter if TLV35 is configured in the Modem.config file.
<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="#">CSCud52135</a>	The cable interface line card may crash when the map data value is null.
<a href="#">CSCud68948</a>	When using the three step dynamic modulation profile, the upstream channels do not move to the most robust modulation profile.
<a href="#">CSCue41062</a>	When the server sends a DHCP NAK, Cisco CMTS does not forward it to the modem.
<a href="#">CSCue89030</a>	The SNMP ccwbrFChannelUtilization shows incorrect CPU utilization on the Cisco CMTS running Cisco IOS Release 12.2(33)SCF.
<a href="#">CSCuh29601</a>	FTP download speed does not reach its maximum value for the Cisco uBR-MC88V line card.
<a href="#">CSCuh66181</a>	DHCP cannot detect the CPE type and hence the CPE gets wrong IP address.
<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.
<a href="#">CSCui98892</a>	The TLV 43.5.11 (MPLS Pseudowire ID) cannot be assigned values larger than 0x7fffffff as per the CableLabs BSoD specification.
<a href="#">CSCuj45995</a>	when a a modem sends a malformed capability tlv message, the LC crashes due to memory corrupt.

## Open Caveats—Cisco IOS Release 12.2(33)SCG5

Bug ID	Description
<a href="#">CSCt116221</a>	The <b>show licenses all</b> command output displays incorrect count of licenses.
<a href="#">CSCub69658</a>	Cisco CMTS creates a MAC address-based filter if TLV35 is configured in the Modem.config file.
<a href="#">CSCud22985</a>	Cisco CMTS continues to send DOCSIS Dynamic Channel Change (DCC) traps when <b>no snmp-server enable traps docsis-cmts</b> command is configured and the modems switch channels.

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.
<a href="#">CSCud68948</a>	When using the three step dynamic modulation profile, the upstream channels do not move to the most robust modulation profile.
<a href="#">CSCue10014</a>	The RF channels of the Wideband SPA controllers may not receive the Upstream Channel Descriptor (UCD) information, when RF channels are configured in more than three controllers of the Cisco uBR-MC3GX60V MAC domain.
<a href="#">CSCue41062</a>	When the server sends a DHCP NAK, Cisco CMTS does not forward it to the modem.
<a href="#">CSCue89030</a>	The SNMP ccwbRFChannelUtilization shows incorrect CPU utilization on the Cisco CMTS running Cisco IOS Release 12.2(33)SCF.
<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)SCG5

Bug ID	Description
<a href="#">CSCuc95298</a>	Command synchronization fails when the <b>cable ds-resiliency</b> command is configured, and the Cisco CMTS is reloaded.
<a href="#">CSCud23969</a>	High CPU utilization occurs on the Cisco CMTS router when the <b>cable source-verify dhcp</b> command is enabled.
<a href="#">CSCud43395</a>	The route processor (RP) crashes and traceback is displayed after an OIR of the Cisco uBR-MC88V line card by using the <b>hw-module stop/start</b> command and traceback is displayed.
<a href="#">CSCud86014</a>	The upstream scheduling for UGS SFs does not work correctly when the upstream channel bonding (USCB) feature is enabled in the D-PON mode. The traffic flows on one US channel; however, on the other channel no packets are transmitted.
<a href="#">CSCue25698</a>	The SNMP MIB docsIf3CmtsCmRegStatusRccStatusId does not update to match the <b>show cable modem partial-mode</b> command for cable modems in partial service mode.

## Open Caveats—Cisco IOS Release 12.2(33)SCG4

Bug ID	Description
<a href="#">CSCee18959</a>	A core dump may not be written to a TFTP server when the TFTP server is configured to overwrite only existing files.
<a href="#">CSCti66880</a>	Port value not displayed in show ip rsvp counters command output.

Bug ID	Description
<a href="#">CSCti72173</a>	The secondary route processor has high CPU utilization due to a Label Distribution Protocol (LDP) high availability process.
<a href="#">CSCti16221</a>	The <b>show licenses all</b> command output displays incorrect count of licenses.
<a href="#">CSCtn96488</a>	A difference of 3 dB is observed between the CM CNR and the upstream CNR on the Cisco uBR-MC88V line card.
<a href="#">CSCua04087</a>	The Cisco uBR-MC88V line card crashes when the <b>test cable dcc</b> command is executed.
<a href="#">CSCua43769</a>	DHCP IP address assign mismatch error is displayed when the same IP address is assigned to two bundle interfaces.
<a href="#">CSCua49227</a>	Fiber node configuration error occurs when two telnet sessions are open.
<a href="#">CSCua83110</a>	Error messages and traceback is observed on the Cisco uBR7200 router when a non-existent channel is added to a load balancing group.
<a href="#">CSCub33605</a>	Even though a cable modem is assigned a load balancing group ID (LBG ID), the modem is not listed in the LBG modem list.
<a href="#">CSCub67370</a>	The IPv6 access control list (ACL) cannot be applied to a Generic Routing Encapsulation (GRE) tunnel interface through the startup-config file after a reboot.
<a href="#">CSCub69658</a>	The Cisco uBR router creates a MAC address-based filter if TLV35 is configured in the Modem.config file.
<a href="#">CSCub88833</a>	Running the <b>clear ip access-list dynamic counters</b> command triggers spurious memory access and adds traceback information in the logging buffer of the Cisco uBR router.
<a href="#">CSCub92875</a>	The IPv6 neighbor discovery (ND) cache of DOCSIS 3.0 cable modems cannot be recovered after running the <b>cable multicast mdf-disable</b> command.
<a href="#">CSCuc64305</a>	When the cable downstream resiliency feature is enabled on a wideband (WB) interface, the WB interface automatically shuts down after a system reload.
<a href="#">CSCuc64786</a>	The Cisco uBR-MC88V line card stops responding after the <b>hw-module stop/start</b> command is run.
<a href="#">CSCuc94760</a>	DOCS-TEST-MIB mode 119 does not support primary channels of modular-cable and integrated-cable interfaces.
<a href="#">CSCuc97809</a>	An error message is observed when the configuration frequency on the Cisco uBR-MC88V line card is set to a value that is not a multiple of 12500.
<a href="#">CSCud06795</a>	The route processor crashes after exiting from a non-existent pseudowire class.
<a href="#">CSCud19326</a>	A memory leak is observed when the <b>show memory debug leaks</b> command is run.
<a href="#">CSCud23971</a>	When changing the DOCSIS mode from ATDMA to SCDMA, the secondary channel width is not modified if the channel width is a value greater than 1.6 MHz.
<a href="#">CSCud31088</a>	The Onboard Failure Logging (OBFL) uptime process is not running.
<a href="#">CSCud40556</a>	The cable modem status messages for multicast downstream ID (DSID) display the unicast DSID in logs.

Bug ID	Description
<a href="#">CSCud43395</a>	<p>The route processor (RP) crashes after a Cisco uBR-MC88V line card is OIR'ed (online insertion and removal) by using the <b>hw-module stop/start</b> command. The following traceback is displayed:</p> <pre>0x925DA4:cr7200_npe_card_save_if_cfg(0x92560c)+0x798 0x925860:cr7200_npe_card_save_if_cfg(0x92560c)+0x254 0x7DC3A0:pa_cmts_mcu__stop_plugin(0x7dc054)+0x34c 0x1027138:c7100_shutdown_pulled_interfaces(0x1027118)+0x20 0x102802C:pas_reset_bay(0x1027e24)+0x208 0x7D6D60:mcu_powerup_reset(0x7d6cdc)+0x84 0x82A0D4:mcu_fsm_reset_process(0x829f5c)+0x178 0xE5554C:ppc_process_dispatch(0xe55528)+0x24</pre>
<a href="#">CSCud44283</a>	The timing offset of a modem is doubled after a dynamic bonding change (DBC).
<a href="#">CSCud45121</a>	Some VPN CMs are not pingable and may have an incorrect CPE prefix.
<a href="#">CSCud45920</a>	Log messages are not displayed in the proper order on the console.
<a href="#">CSCud47274</a>	The queue-limit parameter does not work after a system reload.
<a href="#">CSCud50231</a>	<p>The following error message and traceback are seen:</p> <pre>%SYS-2-LINKED: Bad dequeue of D0D0D0D in queue C60D96C -Process= "CMTS L2VPN process</pre>
<a href="#">CSCud51898</a>	<p>The route processor (RP) crashes after the Cisco uBR-MC88V line card is OIR'd (online insertion and removal) multiple times and the following traceback is observed:</p> <pre>04:29:03 SGT Tue Dec 4 2012: Unexpected exception to CPU: vector 300, PC = 0xDFD7C4, LR = 0xE1A680 -Traceback= DFD7C4  Enter hex value: DFD7C4 0xDFD7C4:ipc_rcv_unaccount(0xdfd794)+0x30</pre>
<a href="#">CSCud51909</a>	<p>The route processor (RP) crashes after the Cisco uBR-MC88V line card is OIR'd (online insertion and removal) multiple times and the following traceback is observed:</p> <pre>Dec 4 10:15:52.695 SGT: %SYS-3-CPUHOG: Task is running for (2004)msecs, more than (2000)msecs (1036/367),process = License Master Reg Slave Process. -Traceback= 993438 324EE18 Dec 4 10:20:45.571 SGT: %SYS-2-WATCHDOG: Process aborted on watchdog timeout, process = License Master Reg Slave Process. -Traceback= 993400 324EE18 0x993438:license_slave_info_slotid_compare(0x9933f4)+0x44 0x324EE18:avl_search(0x324edd8)+0x40</pre>

Bug ID	Description
<a href="#">CSCud52135</a>	The Cisco uBR-MC88V line card crashes with the following traceback: <pre>SLOT 2: Nov 10 10:14:46.905 HKT: %UBR7200-5-UNREGSIDTIMEOUT: CMTS deleted unregistered Cable Modem 000b.063e.5dbe SLOT 2: Nov 10 10:15:56.449 HKT: Bad MAP @ 0x0 (pakp=0x2056B8F0, ds=0x1F329138, upstream=10): SLOT 2: Nov 10 10:15:56.481 HKT: %SYS-3-BADMAGIC: Corrupt block at 2055DED8 (magic 00000000) SLOT 2: Nov 10 10:15:56.481 HKT: %SYS-6-MTRACE: mallocfree: addr, pc 0,41697F8      0,41697F8      97F3408,498D998      97F3408,3000008A 206451EC,498D94C      206451EC,40000802      1F67FF8C,498D900 1F67FF8C,40000802 SLOT 2: Nov 10 10:15:56.481 HKT: %SYS-6-MTRACE: mallocfree: addr, pc 1FCCEA90,498D8B4      1FCCEA90,40000802      989E2BC,498D868 989E2BC,40000B64 207A82FC,498D81C      207A82FC,40000054      1F47DD9C,498D784 1F47DD9C,40000058</pre>
<a href="#">CSCud58757</a>	After an online insertion and removal (OIR) of all line cards, the DOCSIS Set-Top Gateway (DSG) configuration on cable interfaces is not restored.
<a href="#">CSCud76053</a>	The cable interface ifSpeed value changes after the route processor (RP) switchover.
<a href="#">CSCud76618</a>	The fiber node (FN) information is not updated when the frequency for the upstream group is changed through spectrum manage.
<a href="#">CSCud86014</a>	The upstream scheduling for UGS SFs does not work correctly when the upstream channel bonding (USCB) feature is enabled in D-PON mode. The traffic flows on one US channel; however, on the other channel no packets are transmitted.

## Resolved Caveats—Cisco IOS Release 12.2(33)SCG4

There are no resolved caveats for Cisco IOS Release 12.2(33)SCG4.

## Open Caveats—Cisco IOS Release 12.2(33)SCG3

Bug ID	Description
<a href="#">CSCee18959</a>	A core dump may not be written to a TFTP server when the TFTP server is configured to overwrite only existing files.
<a href="#">CSCti66880</a>	Port value not displayed in show ip rsvp counters command output.
<a href="#">CSCti72173</a>	The secondary route processor has high CPU utilization due to a Label Distribution Protocol (LDP) high availability process.
<a href="#">CSCtl16221</a>	The show licenses all command output displays incorrect count of licenses.
<a href="#">CSCtn96488</a>	A difference of 3 dB is observed between the CM CNR and the upstream CNR on the Cisco uBR-MC88V line card.

Bug ID	Description
<a href="#">CSCua04087</a>	The Cisco uBR-MC88V line card crashes when the <b>test cable dcc</b> command is executed.
<a href="#">CSCua43769</a>	DHCP IP address assign mismatch error is displayed when the same IP address is assigned to two bundle interfaces.
<a href="#">CSCua49227</a>	Fiber node configuration error occurs when two telnet sessions are open.
<a href="#">CSCua83110</a>	Error messages and traceback is observed on the Cisco uBR7200 router when a non-existent channel is added to a load balancing group.
<a href="#">CSCub33605</a>	Even though a cable modem is assigned a load balancing group ID (LBG ID), the modem is not listed in the LBG modem list.
<a href="#">CSCub67370</a>	The IPv6 access control list (ACL) cannot be applied to a Generic Routing Encapsulation (GRE) tunnel interface through the startup-config file after a reboot.
<a href="#">CSCub69658</a>	The Cisco uBR router creates a MAC address-based filter if TLV35 is configured in the Modem.config file.
<a href="#">CSCub88833</a>	Running the <b>clear ip access-list dynamic counters</b> command triggers spurious memory access and adds traceback information in the logging buffer of the Cisco uBR router.
<a href="#">CSCub92875</a>	The IPv6 neighbor discovery (ND) cache of DOCSIS 3.0 cable modems cannot be recovered after running the <b>cable multicast mdf-disable</b> command.
<a href="#">CSCuc64305</a>	When the cable downstream resiliency feature is enabled on a wideband (WB) interface, the WB interface automatically shuts down after a system reload.
<a href="#">CSCuc64786</a>	The Cisco uBR-MC88V line card stops responding after the <b>hw-module stop/start</b> command is run.
<a href="#">CSCuc94760</a>	DOCS-TEST-MIB mode 119 does not support primary channels of modular-cable and integrated-cable interfaces.
<a href="#">CSCuc97809</a>	An error message is observed when the configuration frequency on the Cisco uBR-MC88V line card is set to a value that is not a multiple of 12500.
<a href="#">CSCud06795</a>	The route processor crashes after exiting from a non-existent pseudowire class.
<a href="#">CSCud19326</a>	A memory leak is observed when the <b>show memory debug leaks</b> command is run.
<a href="#">CSCud23971</a>	When changing the DOCSIS mode from ATDMA to SCDMA, the secondary channel width is not modified if the channel width is a value greater than 1.6 MHz.
<a href="#">CSCud31088</a>	The Onboard Failure Logging (OBFL) uptime process is not running.
<a href="#">CSCud40556</a>	The cable modem status messages for multicast downstream ID (DSID) display the unicast DSID in logs.

Bug ID	Description
<a href="#">CSCud43395</a>	<p>The route processor (RP) crashes after a Cisco uBR-MC88V line card is OIR'ed (online insertion and removal) by using the <b>hw-module stop/start</b> command. The following traceback is displayed:</p> <pre>0x925DA4:cr7200_npe_card_save_if_cfg(0x92560c)+0x798 0x925860:cr7200_npe_card_save_if_cfg(0x92560c)+0x254 0x7DC3A0:pa_cmts_mcu__stop_plugin(0x7dc054)+0x34c 0x1027138:c7100_shutdown_pulled_interfaces(0x1027118)+0x20 0x102802C:pas_reset_bay(0x1027e24)+0x208 0x7D6D60:mcu_powerup_reset(0x7d6cdc)+0x84 0x82A0D4:mcu_fsm_reset_process(0x829f5c)+0x178 0xE5554C:ppc_process_dispatch(0xe55528)+0x24</pre>
<a href="#">CSCud44283</a>	The timing offset of a modem is doubled after a dynamic bonding change (DBC).
<a href="#">CSCud45121</a>	Some VPN CMs are not pingable and may have an incorrect CPE prefix.
<a href="#">CSCud45920</a>	Log messages are not displayed in the proper order on the console.
<a href="#">CSCud47274</a>	The queue-limit parameter does not work after a system reload.
<a href="#">CSCud50231</a>	<p>The following error message and traceback are seen:</p> <pre>%SYS-2-LINKED: Bad dequeue of D0D0D0D in queue C60D96C -Process= "CMTS L2VPN process</pre>
<a href="#">CSCud51898</a>	<p>The route processor (RP) crashes after the Cisco uBR-MC88V line card is OIR'd (online insertion and removal) multiple times and the following traceback is observed:</p> <pre>04:29:03 SGT Tue Dec 4 2012: Unexpected exception to CPU: vector 300, PC = 0xDFD7C4, LR = 0xE1A680 -Traceback= DFD7C4  Enter hex value: DFD7C4 0xDFD7C4:ipc_rcv_unaccount(0xdfd794)+0x30</pre>
<a href="#">CSCud51909</a>	<p>The route processor (RP) crashes after the Cisco uBR-MC88V line card is OIR'd (online insertion and removal) multiple times and the following traceback is observed:</p> <pre>Dec 4 10:15:52.695 SGT: %SYS-3-CPUHOG: Task is running for (2004)msecs, more than (2000)msecs (1036/367),process = License Master Reg Slave Process. -Traceback= 993438 324EE18 Dec 4 10:20:45.571 SGT: %SYS-2-WATCHDOG: Process aborted on watchdog timeout, process = License Master Reg Slave Process. -Traceback= 993400 324EE18 0x993438:license_slave_info_slotid_compare(0x9933f4)+0x44 0x324EE18:avl_search(0x324edd8)+0x40</pre>

Bug ID	Description
<a href="#">CSCud52135</a>	The Cisco uBR-MC88V line card crashes with the following traceback: <pre>SLOT 2: Nov 10 10:14:46.905 HKT: %UBR7200-5-UNREGSIDTIMEOUT: CMTS deleted unregistered Cable Modem 000b.063e.5dbe SLOT 2: Nov 10 10:15:56.449 HKT: Bad MAP @ 0x0 (pakp=0x2056B8F0, ds=0x1F329138, upstream=10): SLOT 2: Nov 10 10:15:56.481 HKT: %SYS-3-BADMAGIC: Corrupt block at 2055DED8 (magic 00000000) SLOT 2: Nov 10 10:15:56.481 HKT: %SYS-6-MTRACE: mallocfree: addr, pc 0,41697F8      0,41697F8      97F3408,498D998      97F3408,3000008A 206451EC,498D94C 206451EC,40000802 1F67FF8C,498D900 1F67FF8C,40000802 SLOT 2: Nov 10 10:15:56.481 HKT: %SYS-6-MTRACE: mallocfree: addr, pc 1FCCEA90,498D8B4 1FCCEA90,40000802 989E2BC,498D868 989E2BC,40000B64 207A82FC,498D81C 207A82FC,40000054 1F47DD9C,498D784 1F47DD9C,40000058</pre>
<a href="#">CSCud58757</a>	After an online insertion and removal (OIR) of all line cards, the DOCSIS Set-Top Gateway (DSG) configuration on cable interfaces is not restored.
<a href="#">CSCud76053</a>	The cable interface ifSpeed value changes after the route processor (RP) switchover.
<a href="#">CSCud76618</a>	The fiber node (FN) information is not updated when the frequency for the upstream group is changed through spectrum manage.
<a href="#">CSCud86014</a>	The upstream scheduling for UGS SFs does not work correctly when the upstream channel bonding (USCB) feature is enabled in D-PON mode. The traffic flows on one US channel; however, on the other channel no packets are transmitted.

## Resolved Caveats—Cisco IOS Release 12.2(33)SCG3

There are no resolved caveats for Cisco IOS Release 12.2(33)SCG3.

## Open Caveats—Cisco IOS Release 12.2(33)SCG2

Bug ID	Description
<a href="#">CSCee18959</a>	A core dump may not be written to a TFTP server when the TFTP server is configured to overwrite only existing files.
<a href="#">CSCti66880</a>	Port value not displayed in show ip rsvp counters command output.
<a href="#">CSCti72173</a>	The secondary route processor has high CPU utilization due to a Label Distribution Protocol (LDP) high availability process.
<a href="#">CSCti16221</a>	The show licenses all command output displays incorrect count of licenses.
<a href="#">CSCtn96488</a>	A difference of 3 dB is observed between the CM CNR and the upstream CNR on the Cisco uBR-MC88V line card.

Bug ID	Description
<a href="#">CSCua04087</a>	The Cisco uBR-MC88V line card crashes when the <b>test cable dcc</b> command is executed.
<a href="#">CSCua43769</a>	DHCP IP address assign mismatch error is displayed when the same IP address is assigned to two bundle interfaces.
<a href="#">CSCua49227</a>	Fiber node configuration error occurs when two telnet sessions are open.
<a href="#">CSCua83110</a>	Error messages and traceback is observed on the Cisco uBR7200 router when a non-existent channel is added to a load balancing group.
<a href="#">CSCub33605</a>	Even though a cable modem is assigned a load balancing group ID (LBG ID), the modem is not listed in the LBG modem list.
<a href="#">CSCub67370</a>	The IPv6 access control list (ACL) cannot be applied to a Generic Routing Encapsulation (GRE) tunnel interface through the startup-config file after a reboot.
<a href="#">CSCub69658</a>	The Cisco uBR router creates a MAC address-based filter if TLV35 is configured in the Modem.config file.
<a href="#">CSCub88833</a>	Running the <b>clear ip access-list dynamic counters</b> command triggers spurious memory access and adds traceback information in the logging buffer of the Cisco uBR router.
<a href="#">CSCub92875</a>	The IPv6 neighbor discovery (ND) cache of DOCSIS 3.0 cable modems cannot be recovered after running the <b>cable multicast mdf-disable</b> command.
<a href="#">CSCuc64305</a>	When the cable downstream resiliency feature is enabled on a wideband (WB) interface, the WB interface automatically shuts down after a system reload.
<a href="#">CSCuc64786</a>	The Cisco uBR-MC88V line card stops responding after the <b>hw-module stop/start</b> command is run.
<a href="#">CSCuc94760</a>	DOCS-TEST-MIB mode 119 does not support primary channels of modular-cable and integrated-cable interfaces.
<a href="#">CSCuc97809</a>	An error message is observed when the configuration frequency on the Cisco uBR-MC88V line card is set to a value that is not a multiple of 12500.
<a href="#">CSCud06795</a>	The route processor crashes after exiting from a non-existent pseudowire class.
<a href="#">CSCud19326</a>	A memory leak is observed when the <b>show memory debug leaks</b> command is run.
<a href="#">CSCud23971</a>	When changing the DOCSIS mode from ATDMA to SCDMA, the secondary channel width is not modified if the channel width is a value greater than 1.6 MHz.
<a href="#">CSCud31088</a>	The Onboard Failure Logging (OBFL) uptime process is not running.
<a href="#">CSCud40556</a>	The cable modem status messages for multicast downstream ID (DSID) display the unicast DSID in logs.

Bug ID	Description
<a href="#">CSCud43395</a>	<p>The route processor (RP) crashes after a Cisco uBR-MC88V line card is OIR'ed (online insertion and removal) by using the <b>hw-module stop/start</b> command. The following traceback is displayed:</p> <pre>0x925DA4:cr7200_npe_card_save_if_cfg(0x92560c)+0x798 0x925860:cr7200_npe_card_save_if_cfg(0x92560c)+0x254 0x7DC3A0:pa_cmts_mcu__stop_plugin(0x7dc054)+0x34c 0x1027138:c7100_shutdown_pulled_interfaces(0x1027118)+0x20 0x102802C:pas_reset_bay(0x1027e24)+0x208 0x7D6D60:mcu_powerup_reset(0x7d6cdc)+0x84 0x82A0D4:mcu_fsm_reset_process(0x829f5c)+0x178 0xE5554C:ppc_process_dispatch(0xe55528)+0x24</pre>
<a href="#">CSCud44283</a>	The timing offset of a modem is doubled after a dynamic bonding change (DBC).
<a href="#">CSCud45121</a>	Some VPN CMs are not pingable and may have an incorrect CPE prefix.
<a href="#">CSCud45920</a>	Log messages are not displayed in the proper order on the console.
<a href="#">CSCud47274</a>	The queue-limit parameter does not work after a system reload.
<a href="#">CSCud50231</a>	<p>The following error message and traceback are seen:</p> <pre>%SYS-2-LINKED: Bad dequeue of D0D0D0D in queue C60D96C -Process= "CMTS L2VPN process</pre>
<a href="#">CSCud51898</a>	<p>The route processor (RP) crashes after the Cisco uBR-MC88V line card is OIR'd (online insertion and removal) multiple times and the following traceback is observed:</p> <pre>04:29:03 SGT Tue Dec 4 2012: Unexpected exception to CPU: vector 300, PC = 0xDFD7C4, LR = 0xE1A680 -Traceback= DFD7C4  Enter hex value: DFD7C4 0xDFD7C4:ipc_rcv_unaccount(0xdfd794)+0x30</pre>
<a href="#">CSCud51909</a>	<p>The route processor (RP) crashes after the Cisco uBR-MC88V line card is OIR'd (online insertion and removal) multiple times and the following traceback is observed:</p> <pre>Dec 4 10:15:52.695 SGT: %SYS-3-CPUHOG: Task is running for (2004)msecs, more than (2000)msecs (1036/367),process = License Master Reg Slave Process. -Traceback= 993438 324EE18 Dec 4 10:20:45.571 SGT: %SYS-2-WATCHDOG: Process aborted on watchdog timeout, process = License Master Reg Slave Process. -Traceback= 993400 324EE18 0x993438:license_slave_info_slotid_compare(0x9933f4)+0x44 0x324EE18:avl_search(0x324edd8)+0x40</pre>

Bug ID	Description
<a href="#">CSCud52135</a>	The Cisco uBR-MC88V line card crashes with the following traceback: <pre>SLOT 2: Nov 10 10:14:46.905 HKT: %UBR7200-5-UNREGSIDTIMEOUT: CMTS deleted unregistered Cable Modem 000b.063e.5dbe SLOT 2: Nov 10 10:15:56.449 HKT: Bad MAP @ 0x0 (pakp=0x2056B8F0, ds=0x1F329138, upstream=10): SLOT 2: Nov 10 10:15:56.481 HKT: %SYS-3-BADMAGIC: Corrupt block at 2055DED8 (magic 00000000) SLOT 2: Nov 10 10:15:56.481 HKT: %SYS-6-MTRACE: mallocfree: addr, pc 0,41697F8      0,41697F8      97F3408,498D998      97F3408,3000008A 206451EC,498D94C      206451EC,40000802      1F67FF8C,498D900 1F67FF8C,40000802 SLOT 2: Nov 10 10:15:56.481 HKT: %SYS-6-MTRACE: mallocfree: addr, pc 1FCCEA90,498D8B4      1FCCEA90,40000802      989E2BC,498D868 989E2BC,40000B64 207A82FC,498D81C      207A82FC,40000054      1F47DD9C,498D784 1F47DD9C,40000058</pre>
<a href="#">CSCud58757</a>	After an online insertion and removal (OIR) of all line cards, the DOCSIS Set-Top Gateway (DSG) configuration on cable interfaces is not restored.
<a href="#">CSCud76053</a>	The cable interface ifSpeed value changes after the route processor (RP) switchover.
<a href="#">CSCud76618</a>	The fiber node (FN) information is not updated when the frequency for the upstream group is changed through spectrum manage.
<a href="#">CSCud86014</a>	The upstream scheduling for UGS SFs does not work correctly when the upstream channel bonding (USCB) feature is enabled in D-PON mode. The traffic flows on one US channel; however, on the other channel no packets are transmitted.

## Resolved Caveats—Cisco IOS Release 12.2(33)SCG2

Bug ID	Description
<a href="#">CSCtc87183</a>	The Cisco uBR router may crash with output chain element (OCE) adjacency errors.
<a href="#">CSCtz24544</a>	A cable interface line card may crash due to an interrupt reentry error.
<a href="#">CSCub44885</a>	The L2TPv3 tunnel does not come up on the Cisco CMTS. Error messages are displayed.
<a href="#">CSCub60220</a>	The show logging onboard temperature/voltage summary command does not display any output when Onboard Failure Logging (OBFL) is configured.
<a href="#">CSCub81383</a>	Error messages and Traceback is seen when ipv6 dhcp relay destination command is configured
<a href="#">CSCub81852</a>	Spurious memory access seen with high CPU utilization when cable upstream power-level command is configured on the Cisco CMTS.
<a href="#">CSCub92892</a>	IPv6-enabled DOCSIS2.0 compliant modems in multicast DSID forwarding (MDF) explicit mode are not reachable.

Bug ID	Description
<a href="#">CSCub98376</a>	An incorrect value of the "Total downtime" is displayed in the <b>show logging onboard uptime</b> command output.
<a href="#">CSCuc00886</a>	Cable modems with incorrect IPDR counters are observed.
<a href="#">CSCuc04467</a>	Ping and SNMP walk to a cable modem IPv6 address fails.
<a href="#">CSCuc38079</a>	The debug message displays incorrect values of UBG and service flow maps.
<a href="#">CSCuc44367</a>	The <b>instance range</b> command works only for the first index in a given range.
<a href="#">CSCud04690</a>	The Cisco CMTS crashes after a tag name is assigned to a non-existent cable tag.
<a href="#">CSCud06696</a>	On an integrated-cable interface, incorrect "fibre node invalid" warning messages are displayed.

## Open Caveats—Cisco IOS Release 12.2(33)SCG1

Bug ID	Description
<a href="#">CSCeh33888</a>	The Cisco uBR7246VXR router may reload with the configurations set during the last watchdog reset.
<a href="#">CSCsl50133</a>	The Cisco uBR7246VXR router with UBR7200-NPE-G1 reloads.
<a href="#">CSCtf55375</a>	Video was not displayed when the VDOC broadcast feature was enabled on the CMTS.
<a href="#">CSCti24985</a>	The pppoe enable command has no effect on an Integrated Cable (IC) interface.
<a href="#">CSCti25014</a>	The pppoe max-sessions configuration on the cable interface is not added to the running-config.
<a href="#">CSCti25027</a>	Difference in the pppoe limit max value between vpdn-group and bba-group results in an error.
<a href="#">CSCti66880</a>	Port value not displayed in <b>show ip rsvp counters</b> command output.
<a href="#">CSCtn96488</a>	A difference of 3 dB is observed between the CM CNR and the upstream CNR on the Cisco uBR-MC88V line card.
<a href="#">CSCts84211</a>	Cable modems cannot register and are stuck at init(r1).
<a href="#">CSCty65044</a>	Incorrect delta on ServiceOctetsPassed counters on a Cisco uBR10012 router running Cisco IOS Release 12.2(33)SCE4 with IPDR exporter in progress.
<a href="#">CSCtz24544</a>	A cable interface line card may crash due to an interrupt reentry error.
<a href="#">CSCua04087</a>	The Cisco uBR-MC88V line card crashes when the <b>test cable dcc</b> command is executed.
<a href="#">CSCua43769</a>	DHCP IP address assign mismatch error is displayed when the same IP address is assigned to two bundle interfaces.
<a href="#">CSCua49227</a>	Fiber node configuration error occurs when two telnet sessions are open.
<a href="#">CSCua83110</a>	Error messages and traceback is observed on the Cisco uBR7200 router when a non-existent channel is added to a load balancing group.

Bug ID	Description
<a href="#">CSCub44885</a>	The L2TPv3 tunnel does not come up on the Cisco CMTS. Error messages are displayed.
<a href="#">CSCub60220</a>	The <b>show logging onboard temperature/voltage summary</b> command does not display any output when Onboard Failure Logging (OBFL) is configured.
<a href="#">CSCub81383</a>	Error messages and Traceback is seen when <b>ipv6 dhcp relay destination</b> command is configured.
<a href="#">CSCub81852</a>	Spurious memory access seen with high CPU utilization when the <b>cable upstream power-level</b> command is configured on the Cisco CMTS.
<a href="#">CSCub92875</a>	Cannot ping cable modem IPv6 on a router running Cisco IOS Release 12.2(33)SCG when the <b>cable multicast mdf-disable</b> command clears IPv6 neighbor.
<a href="#">CSCub92892</a>	IPv6-enabled DOCSIS2.0 compliant modems in multicast DSID forwarding (MDF) explicit mode are not reachable.
<a href="#">CSCub98376</a>	Incorrect <i>Total downtime</i> is displayed in the <b>show logging onboard uptime</b> command output.
<a href="#">CSCuc00886</a>	Incorrect IPDR records are displayed for some modems when the <b>cable primary-sflow-qos11 keep all</b> command is configured. The incorrect counter values are displayed for the modems that fail to register successfully or are stuck at either init(o) or init(r2) states. If the modem registers successfully at a later point, the corresponding counter values are displayed correctly.
<a href="#">CSCuc01235</a>	HSRP:virtual IP is not reachable for Cisco uBR7200 series routers.
<a href="#">CSCuc04467</a>	Ping and SNMP walk to a cable modem IPv6 address fails when the <b>cable ipv6 source-verify</b> is configured under bundle and cable modems with multiple service-flows.
<a href="#">CSCuc25468</a>	The docsIf3MdChCfgTable lists only RF channels that are part of channel grouping domain (CGD).

## Resolved Caveats—Cisco IOS Release 12.2(33)SCG1

Bug ID	Description
<a href="#">CSCtb59962</a>	The UBR7200-NPE-G2 with auxiliary port connected to the console of the other device hangs or crashes when reloaded.
<a href="#">CSCtg47944</a>	A RP crash was observed on the Cisco CMTS after removing a bundle subinterface with IPv6 parameters.
<a href="#">CSCty88142</a>	The cable modems use different upstream ports to come online after fragmentation is enabled on the Cisco CMTS.
<a href="#">CSCtz14080</a>	Traceback observed on the Cisco CMTS when IP MAC address is updated.
<a href="#">CSCtz25042</a>	When the system reloads, both active standby route processors (RP) crash.
<a href="#">CSCua06253</a>	Multicast QoS SIDs are exhausted on the Cisco CMTS and are not allocated to new service flows.

Bug ID	Description
<a href="#">CSCua06402</a>	The <b>Cable filter</b> command does not display range-ip-tos values. Only packets with type of service (TOS) value equal to the lower threshold value of "range-ip-tos" field are matched.
<a href="#">CSCua22992</a>	The system crashes when two telnet sessions are used to create and then delete an upstream bonding group.
<a href="#">CSCua23251</a>	PCMM for IPv6 devices fail and DSA-REQ is rejected.
<a href="#">CSCua78921</a>	The cable modem remains in its original bonding group after RF impairment is configured on the RF channel.
<a href="#">CSCua84854</a>	Dynamic Bonding Change (DBC) failure message is displayed for Multicast DSID Forwarding (MDF) compliant modems.
<a href="#">CSCua87302</a>	The static route on the primary downstream interface is lost after Dynamic Channel Change (DCC) is enabled on the Cisco CMTS.
<a href="#">CSCua97658</a>	The static IPv6 route does not change when the bundle interface is changed to different virtual routing and forwarding (VRF) instance.
<a href="#">CSCub09851</a>	Line card crash observed on the Cisco CMTS due to error interrupt.
<a href="#">CSCub10102</a>	The PCMCIA flash card formatting error occurs on the Cisco UBR7200-NPE-G1.
<a href="#">CSCub27775</a>	Multicast QoS service IDs cannot be allocated to new cable modems after a route processor switchover.

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

Bug ID	Description
<a href="#">CSCeh33888</a>	The Cisco uBR7246VXR router may reload with the configurations set during the last watchdog reset.
<a href="#">CSCs150133</a>	The Cisco uBR7246VXR router with UBR7200-NPE-G1 reloads.
<a href="#">CSCtf55375</a>	Video was not displayed when the VDOC broadcast feature was enabled on the CMTS
<a href="#">CSCti24985</a>	The pppoe enable command has no effect on an Integrated Cable (IC) interface.
<a href="#">CSCti25014</a>	The pppoe max-sessions configuration on the cable interface is not added to the running-config.
<a href="#">CSCti25027</a>	Difference in the pppoe limit max value between vpdn-group and bba-group results in an error.
<a href="#">CSCtn96488</a>	A difference of 3 dB is observed between the CM CNR and the upstream CNR on the Cisco uBR-MC88V line card.

Bug ID	Description
<a href="#">CSCto57723</a>	<p>Cisco IOS Software and Cisco IOS XE Software contain a vulnerability that could allow an unauthenticated, remote attacker to cause a denial of service (DoS) condition. An attacker could exploit this vulnerability by sending a crafted request to an affected device that has the DHCP version 6 (DHCPv6) server feature enabled, causing a reload.</p> <p>Cisco has released free software updates that address this vulnerability. This advisory is available at the following link:  <a href="http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-2012">http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-2012</a></p>
<a href="#">CSCts84211</a>	Cable modems cannot register and are stuck at init(r1).
<a href="#">CSCtt28142</a>	Point-to-Point protocol over Ethernet (PPPoE) does not work on the Cisco uBR7200 router.
<a href="#">CSCtv00599</a>	The Routing Information Protocol (RIP) updates are not seen on the Cisco CMTS after a route processor crash or switchover.
<a href="#">CSCty65044</a>	Incorrect delta on ServiceOctetsPassed counters on a Cisco uBR10012 router running Cisco IOS Release 12.2(33)SCE4 with IPDR exporter in progress.
<a href="#">CSCtz24544</a>	A cable interface line card may crash due to an interrupt reentry error.
<a href="#">CSCtz33203</a>	The DEPI sessions are stuck in ICRP state.
<a href="#">CSCua04087</a>	The Cisco uBR-MC88V line card crashes when the <b>test cable dcc</b> command is executed.
<a href="#">CSCua06253</a>	MQoS SIDs are exhausted on the Cisco CMTS and are not allocated to new service flows.
<a href="#">CSCua06402</a>	Only packets with type of service (TOS) value equal to the lower threshold value of "range-ip-tos" field of cable filter rules are matched.
<a href="#">CSCua22992</a>	The system crashes when two telnet sessions are used to create and then delete an upstream bonding group.
<a href="#">CSCua23251</a>	PCMM for IPv6 devices fail and DSA-REQ is rejected.

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

Bug ID	Description
<a href="#">CSCua46035</a>	Cisco CMTS cannot deploy CMs using the Cisco Extended Transmit Power and CMs with ECN-capable eight-channel bonding high power at the same time.

