



Release Notes for Cisco Unified Communications 500 Series for Small Business and Cisco 1861 Integrated Services Routers

Feb. 15, 2008, OL-13813-03

These release notes include important information about Release Notes for Cisco Unified Communications 500 Series for Small Business and Cisco 1861 Integrated Services Routers and any limitations, restrictions, and caveats that apply to this release.

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System Requirements

This software version is supported on the following Cisco Unified 500 Series models:

- UC520-8U-4FXO-K9
- UC520W-8U-4FXO-K9
- UC520-8U-2BRI-K9
- UC520W-8U-2BRI-K9
- UC520-16U-4FXO-K9
- UC520W-16U-4FXO-K9
- UC520-16U-2BRI-K9
- UC520W-16U-2BRI-K9



- UC520-24U-8FXO-K9
- UC520-24U-4BRI-K9
- UC520-32U-8FXO-K9
- UC520-32U-4BRI-K9
- UC520-48U-12FXO-K9
- UC520-48U-6BRI-K9

This software version is supported on the following Cisco 1861 Integrated Services Router models:

- C1861-SRST-F/K9
- C1861-SRST-B/K9
- C1861-SRST-C-F/K9
- C1861-SRST-C-B/K9
- C1861-UC-4FXO-K9
- C1861-UC-2BRI-K9

Caveats

Caveats describe unexpected behavior in software releases. Severity 1 caveats are the most serious caveats; severity 2 caveats are less serious. Severity 3 caveats are moderate caveats, and only select severity 3 caveats are included in the caveats document.

Open Caveats

CSCsk48959 Voice port/Trunk channel seized preventing c5421 operation.

Symptom The voice port configured with “connection trunk xxx” to an AAL2 PVC interface does not receive signaling packet.

Conditions This happens when the voice port is configured with “connection trunk xxx” and is connected to the destination by using ATM PVC interface with encapsulation AAL2.

Workaround There is no workaround.

CSCsl102377 Processor memory leak detected on H.323 box on XW3 image

Symptom Memory leak detected on VSec3845H323 UUT after three hours of performance testing.

Conditions Leak detected on making approximately 46 calls on a Secure DSPFarms on the H.323 UUT.

Workaround There is no workaround.

CSCsl26765 DTMF not detected by CUE if I/C call is transferred to phone with CFDWALL to voicemail.

Symptom .DTMF not detected on CUBE to stop prompt playback or record message.

Conditions When a remote incoming call is transferred to SCCP phone with CFWDALL to CUE-VM, DTMF is not detected to stop prompt playback or message recording. If original caller was local and followed the same call sequence, then there was no issue.

Workaround There is no workaround.

CSCsl82632 A router may crash with I/O memory corruption when accessing voicemail.

Symptom A router may crash with memory corruption in the I/O pool.

Conditions This happens when the router has AIM-CUE 3.0.1 and CME 4.2. The crash occurs when accessing voicemail functions.

Workaround There is no workaround.

CSCsm01559 Router reloaded during stress testing with video streams+conference+voice+VPN

Symptom During stress testing with video streams, conferencing, voice and VPN, the system freezes and later reloads.

Conditions This happens with image 124-11.XW5 when at least 40 IP phones registered, 5 to 6 multicast video streams, 1 DSP based conference call, 4 voice calls and 2 VPN sessions are all happening concurrently.

Workaround There is no workaround.

CSCsm03383 CAC settings on UC520W causes network busy for 7921 phones.

Symptom 7921 phones received “Network Busy” signal when making or receiving calls.

Conditions This happens only if the call is going through an IP-IP GW, where one side is SIP trunk and other side is H323 trunk.

Workaround Remove the following QoS / CAC settings on Wireless Radio Interface on UC520W:

- <CmdBold> enable<noCmdBold>
- <CmdBold> config t <noCmdBold>
- <CmdBold> interface Dot11Radio 0/5/0<noCmdBold>
- <CmdBold> no dot11 qos class voice cell<noCmdBold>

- <CmdBold> exit<noCmdBold>
- <CmdBold> exit<noCmdBold>

CSCsk71610 CCSIP_UDP_SOCKET causes high CPU Usage

Symptom Incoming and outgoing calls fail due to high CPU usage.

Conditions This happens when CPU usage is at 99-100% and CCSIP_UDP_SOCKET is using 88+%.

Workaround There is no workaround.

CSCsm22023 Traceback when HWIC-1DSL ATM interface is enabled in Cisco 1861

Symptom The following Syslog and Traceback is seen repeated every few seconds:

- Jan 15 18:16:48.687: %SNMP-3-BADOID: Attempt to generate an invalid object identifier, -Traceback= 0x81107004 0x8228DEB0 0x8228E5FC 0x80BBD688 0x80BB5DC0 0x80BB6480 0x80BC295C 0x802DD0FC 0x802D8308 0x80225F0C 0x8022880C.
- Jan 15 18:16:49.687: %LINEPROTO-5-UPDOWN: Line protocol on Interface ATM0/2/0, changed state to up.

Conditions This happens when the ATM interface is enabled. The hardware is HWIC-1DSL.

Workaround There is no workaround.

CSCsl61734 CUBE: Slow start H323 to SIP transfer = dead air

Symptom Slow start H323 to SIP calls may experience no-way audio if the call is transferred after connected initially.

Conditions This only occurs with slow start H323.

Workaround Use fast start H323.

CSCsl97644 1861 support for HWIC-ADSL1-B/ST

Symptom HWIC-ADSL1-B/ST not supported / disabled in 1861. The "show diag" output from the router for the HWIC-ADSL1-B/ST may resemble the following:

```
VIC Slot 2:
ADSL over ISDN with BRI S/T
WIC module not supported/disabled in this slot
Hardware Revision: 7.0
Top Assy. Part Number : 800-23881-01
Part Number: 73-9008-07
Board Revision: A0
```

Deviation Number: 0
 Fab Version : 07
 PCB Serial Number : <removed>
 RMA Test History : 00
 RMA Number : 0-0-0-0
 RMA History : 00
 Product (FRU) Number : HWIC-ADSLI-B/ST
 Version Identifier : V01
 CLEI Code : COUIADDCAA
 EEPROM format version 4
 EEPROM contents (hex): <removed>

Conditions Issue evident upon hardware installation.

Workaround There is no workaround.

CSCsm04209 PVDM2-DM fails to initiate calls over EuroISDN BRI while TEI is inactive

Symptom Modem calls fail to establish when "ISDN TEI-Negotiation firstcall" is configured on the ISDN interfaces.

Conditions The ISDN BRI interfaces are added to CSM signaling interface queue only when they are active (layer 2, MULTI-FRAME-ESTABLISHED). Since the ISDN L2 is not activated until the first call is initiated, which in turn means there is no signaling interface available, this results in call failure.

Workaround Add the ISDN BRI interfaces to CSM signaling interface if they are not administratively shut down.

CSCsm14609 CME Referred-By header is not set correctly for call transfer

Symptom For consultative call transfer from SIP IP phones through CME to PSTN across a SIP trunk, a second call is created rather than the initial call being reused as part of the Referred-By handling.

Conditions This happens in IP phones running SIP firmware; 2800 running CME 4.2 (IOS version 12.4(11)XW3) with SIP trunk configured for PSTN access .

Workaround There is no workaround.

CSCsm17468 BRI: Network side may connect outbound calls on wrong b-channel

Symptom An IOS gateway acting as network-side BRI may connect calls on the wrong b-channel if it receives a SETUP_ACK that does not contain a channel-id information element. This causes one-way audio.

Conditions This only happens with basic-net3 BRIs where a SETUP_ACK may be received that lacks a channel-id information element.

Workaround Use "isdn sending-complete" under the BRI interface to prevent terminating side from sending a SETUP_ACK. Alternatively, make the IOS gateway ISDN the user side.

CSCsm17767 T321 timer expires during switchover of NFAS d-channel

Symptom On a gateway configured for ISDN NFAS with a primary and backup d-channel, both the primary and backup d-channel interfaces may be marked "OUT OF SERVICE" if the gateway sends the first "in-service" message during a d-channel switchover.

Conditions This only occurs when the gateway sends the first ISDN service messaging indicating that it is bringing the backup d-channel in service. If the peer sends the message first the switchover is completed successfully.

Workaround There is no workaround.

CSCsm23378 DTMF Transcoding from rtp-nte to in-band fails for same codec

Symptom DTMF transcoding should be done between call legs if DTMF relay is different even if voice codecs are the same.

Conditions If voice codecs are the same but DTMF relay settings are different, no transcoding is done. But when voice codecs are different then transcoding is invoked, and DTMF is transcribed from rtp-nte to in-band.

Workaround There is no workaround.

CSCsm47916 Memory fragmentation and tracebacks on 1861

Symptom Seeing memory fragmentation and tracebacks after an uptime of 10 days with handling calls related to AA, ICD and conference.

Conditions This is seen on C1861 as CME and when it is interacting with UCCX.

Workaround There is no workaround.

CSCsm50469 H323: Facility calling-name lost when using secondary dial-peer

Symptom An H323 gateway that receives calling name information in an ISDN facility IE fails to deliver it to Cisco CallManager if the call routes out a secondary H323 dial-peer.

Conditions This only occurs in situations where there are multiple H323 dial-peers pointing at multiple Cisco CallManager servers. Further to that point, the call must fail on the first dial-peer. When it is routed successfully out the second dial-peer the call is delivered but without calling-name.

Workaround There is no workaround.

CSCsm50874 CME: calling name in facility IE does not display on IP phone

Symptom CME 4.2 does not display calling name when sent in an ISDN facility IE message. The facility is received and interpreted correctly however it doesn't show up on the IP phone display.

Conditions This is seen when the calling name is sent in an ISDN facility IE message.

Workaround IOS 12.4(11)XW3 and 12.4(15)XY correctly display the calling name.

CSCsm51563 EEM feature missing for certain AS5350XM and AS5400XM IOS feature sets

Symptom The embedded Event Manager (EEM) is unavailable on the following AS5350XM and AS5400XM IOS feature-sets:

- c5350-js_ivs-mz INT VOICE/VIDEO IPIPGW, TDMIP GW EPLUS
- c5350-jk9su2_ivs-mz INT VOICE/VIDEO IPIPGW, TDMIP GW LI
- c5400-js_ivs-mz INT VOICE/VIDEO IPIPGW, TDMIP GW EPLUS
- c5400-jk9su2_ivs-mz INT VOICE/VIDEO IPIPGW, TDMIP GW LI

Conditions This behavior is observed on the AS5350XM and AS5400XM platforms, in IOS releases from the 12.4(9)T, 12.4(11)T, 12.4(15)T, 12.4(11)XJ, 12.4(11)XW, and 12.4(15)XY release train families.

Workaround There is no workaround.

CSCsm58490 UC500: Router crash when entering ip address dhcp command

Symptom UC520 crashes when the **ip address dhcp** command is entered under interface fast ethernet 0/0.

Conditions This happens on the Cisco 12.4(11)XW5 release.

Workaround There is no workaround.

CSCsm67780 Choppy music on hold (MOH) music with IP phones 7921

Symptom Choppy on-hold music on the wireless IP phone 7921 when it is put on-hold. The phones have power save mode disabled. To see the problem, it needs a second phone associated with AP that stays idle while the MOH is going on the first phone.

Conditions This happens when the 7921 is put on hold.

Workaround There is no workaround.

Related Documentation

Related Topic	Document Title
Cisco Smart Business Communications System	<i>Cisco Smart Business Communications System Setup</i> shipped with product or on CD-ROM shipped with product Product information on Cisco.com at http://www.cisco.com/go/sbcs .
Cisco Unified Communications 500 Series for Small Business	Product information on Cisco.com at http://www.cisco.com/en/US/products/ps7293/tsd_products_support_series_home.html .
Cisco Catalyst Express 520	<i>Getting Started Guide for Cisco Catalyst Express 520</i> shipped with product or on CD-ROM shipped with product.
Cisco Configuration Assistant	<i>Getting Started with Cisco Configuration Assistant</i> at http://www.cisco.com/go/configassist or on CD-ROM shipped with product.

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>.

This document is to be used in conjunction with the documents listed in the “Related Documentation” section.

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