Release Notes for Cisco Integrated Management Controller, Release 1.1(1)

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This document describes the new features, system requirements, and caveats for CIMC Release 1.1(1), as well as any related firmware or drivers. Use this document in conjunction with the documents listed in the "Related Documentation" section on page 17.

Note We sometimes update the documentation after original publication. Therefore, you should also review the documentation on Cisco.com for any updates.

Table 1 shows the online change history for this document.

Table 1 Online History Change

Part Number	Revision	Date	Description
OL-22348-01	A0	April 7, 2010	Release notes initial for release 1.1(1).
	B0	July 8, 2010	Update for release 1.1(1d).
	C0	August 31, 2010	Update for release 1.1(1e).

Americas Headquarters:
Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

Contents

This document includes the following sections:

Introduction

Cisco® UCS C-Series Rack-Mount Servers extend unified computing innovations to an industry-standard form factor to help reduce total cost of ownership (TCO) and increase business agility. Designed to operate both in standalone environments and as part of the Cisco Unified Computing System™1, the series employs Cisco technology to help customers handle the most challenging workloads. The series incorporates a standards-based unified network fabric, Cisco VN-Link virtualization support, and Cisco Extended Memory Technology. It supports an incremental deployment model and protects customer investments with a future migration path to unified computing.

The Cisco UCS C250 Extended-Memory Rack-Mount Server is a two-socket, two-rack-unit (2RU) rack-mount server featuring patented Cisco Extended Memory Technology (Figure 1). It is designed to increase performance and capacity for demanding virtualization and large-data-set workloads. It also can reduce the cost of smaller memory footprints. This server is built for virtualized workloads in enterprise data centers, service provider environments, and virtual desktop hosting. The system also helps increase performance for large-data-set workloads, including database management systems and modeling and simulation applications. Applications that are memory bound today will benefit by the 384 GB of addressable memory that the Cisco UCS C250 server offers.

The Cisco UCS C210 General-Purpose Rack-Mount Server is a general-purpose, two-socket, two-rack-unit (2RU) rack-mount server housing up to 16 internal small form-factor (SFF) SAS or SATA disk drives for a total of up to 8 terabytes (TB) of storage (Figure 1). The Cisco UCS C210 server is designed to balance performance, density, and efficiency for workloads requiring economical, high-capacity, reliable, internal storage. Based on quad-core Intel® Xeon® 5500 or 5600 series processors, the server is built for applications including virtualization, network file servers and appliances, storage servers, database servers, and content-delivery servers.

The Cisco UCS C200 High-Density Rack-Mount Server is a high-density server with balanced compute performance and I/O flexibility (Figure 1). This price-to-performance optimized two-socket, one-rack-unit (1RU) rack-mount server is designed to balance simplicity, performance, and density for web infrastructure and mainstream data center, small-office, and remote-office applications. Its single-rack-unit size makes it useful for service providers offering dedicated or multi-tenant hosting, and its economical price makes it well suited to the appliance market.

C-series servers are capable of standalone management using Cisco Integrated Management Controller (CIMC), which is a n integration of the service processor hardware and the CIMC firmware. CIMC has a Web GUI and a CLI mode.

Hardware and Software Interoperability

For detailed information about storage switch, operating system, adapter, adapter utility, and storage array interoperability, see the *Hardware and Software Interoperability Matrix* for your release located at:

http://www.cisco.com/en/US/products/ps10477/prod_technical_reference_list.html

Hardware Features

Release 1.1(1d) introduces the following support:

- The M2 version of the C250 server

Release 1.1(1) introduces the following support:

- The M2 versions of the C200 and C210 servers

Firmware Files

The CIMC Release 1.1(1) includes the following software files:

Table 2 Files in this Release

File name(s)	CCO Software Type
upd-pkg-c200-cimc.1.1.1.bin upd-pkg-c250-cimc.1.1.1d.bin	Unified Computing System (UCS) Integrated Management Controller Firmware
ucs-c200-bios.1.1.1.zip ucs-c250-bios.1.1.1d.zip	UCS Server BIOS The ZIP archive contains many files. Please refer to OS-dependent BIOS upgrade instructions in the following files: windows/ReleaseNotes.txt linux/iflash32.tar.gz (the file name is ReleaseNotes.txt) uefi/ReleaseNotes.txt
c200-m1-sasctlr-1064E.4EB3.zip c200-m1-sasctlr-8708EM2.1078.zip c200-m1-sasctlr-9261.2108.zip c250-m1-sasctlr-3081E-3081e.zip	UCS Server RAID Controller Firmware (unchanged since 1.0(1))

Table 2 Files in this Release (continued)

File name(s)	CCO Software Type
C200M1-1.1.1.zip C250M1-1.1.1d.zip	UCS Software Container for Rack Mount Servers
ucs-c2xx-drivers-1.1.1d.iso ucs-c2xx-utils-1.1.1d-efi.iso ucs-c2xx-utils-1.1.1d-linux.iso ucs-c2xx-utils-1.1.1d-vmware.iso c2xx-m1-utils-1.1.1d-windows.iso	UCS Tools and Drivers Bundle

System Requirements

The management client must meet or exceed the following minimum system requirements:

- Sun JRE 1.6 or later.
- Microsoft Internet Explorer 6.0 or higher or Mozilla Firefox 3.0 or higher
- The Microsoft Windows XP, Microsoft Windows Vista, Red Hat Enterprise Linux 5.0 or higher operating systems

Updating the Firmware

To update the CIMC firmware, refer to the “Firmware Management” chapter in the software configuration documents.

Known Behaviors

Server OS

Symptom Unable to install VMware on ICH10 SATA controller in SW RAID mode. This only affects loading VMware on an ICH10 SATA Controller in SW RAID mode. RHEL & SUSE are ok when the correct drivers are loaded.

Workaround None. (CSCtb49393)

Symptom CIMC cannot see a USB drive mapped with virtual media.

Workaround The kernel needs to be rebuilt with max_luns option set to 255 in modprobe.conf. For full details from Red Hat, refer to the article at http://kbase.redhat.com/faq/docs/DOC-3293 (CSCtd03150)

Resolved Caveats in 1.1(1e)

Release 1.1.(1e) is applicable only for the C250-M1 and C250-M2 platforms.

The following section lists the caveats resolved in the 1.1(1e) release:

- In the initial 1.1(1) release build, manufacturing observed about 20% of fallouts at the system building stage. It was noticed that the BMC executes a command to power on the host, but does not get a system "powergood" back from the host before the timer expires. Manufacturing test scripts detected the power on failure, and failed the building test suite. Update to the 1.1(1e) patch to resolve this caveat. (CSCti36889)

Open Caveats

The following section lists the open caveats in the 1.1(1e) release:

Symptom Sometimes a power supply failure message appears during the power cycle test.

Workaround This is a temporary message, which denotes the inability to communicate with the bus momentarily. The system powers on normally even after this message. This message can be ignored. (CSCti49564)

Symptom Web UI momentarily shows server health as critical in the power saving mode.

Workaround During BMC startup in power saving mode, sometimes critical events are logged during transition due to voltage changeover for LVDIMM. These events disappear once the memory testing is complete. These events before POST can be ignored. (CSCti39886)

Firmware Files in Release 1.1(1e)

This release includes the following software files:

Table 3 Files in this Release

File name(s)	CCO Software Type
C250M1-1.1.1e.zip	Container
upd-pkg-c250-m1-cimc.1.1.1e.bin	CIMC (standalone)
ucs-c200-bios.1.1.1d.zip	BIOS (standalone)

Resolved Caveats in 1.1(1d)

Release 1.1.(1d) is applicable only for the C200 and C210 platforms.

The following section lists the caveats resolved in the 1.1(1d) release:

- Shutdown on ESX host with CIMC v1.1.1 results in a server reboot (CSCtg94837)
- Windows 2008 R2 restarts on clicking shutdown (CStg95800)
- Traffic causes CIMC to become unresponsive. (CSCtg25833)
- CIMC 1.1.1 issue with power off on C200 M1 and C210 M1 (CSCth02675)
- The fans on C210-M2 run at full speed without lowering down. (CSCth30851)

Note The 1.1(1d) CIMC version includes a pilot2 errata from server engines. To have this errata installed, you will need to update the uboot as well. Use the CIMC file upd-pkg-c200-m1-cimc.full.1.1.1.d.bin to get this patch installed on your system.

Firmware Files in Release 1.1(1d)

This release includes the following software files:

Table 4 Files in this Release

File name(s)	CCO Software Type
C200M1-1.1.1d.zip	Container
ucs-c200-bios.1.1.1d.zip	BIOS (standalone)
upd-pkg-c200-m1-cimc.1.1.1d.bin	CIMC (standalone)

Resolved Caveats in 1.1(1)

The following section lists the caveats resolved in the 1.1(1) release:

BIOS

- (CSCte80521) On Cisco UCS C200 High-Density Rack-Mount Servers it is no longer necessary to re-enable VMedia after installing Windows.
- (CSCtf45348) The BIOS no longer hangs during a CIMC reboot if no bootable devices are installed. Presumably this reboot is done using SAN boot.

CIMC

- (CSCte97884) After Generating the Self Certificate via CLI and updating the same Certificate, it is no longer necessary to Reboot CIMC from the GUI and then login from ssh.
- (CSCtf58944) CIMC no longer reports that a system with a failed power supply is in good health, or gives false failure warnings for a working power supply.

KVM

- (CSCtf03462) After a CIMC reboot, it is no longer necessary to do a hard reset to allow KVM to take Keyboard input when in the BIOS setup screen or EFI shell.

Open Caveats

This section lists the open caveats for the 1.1(1d) release. Unless otherwise noted, the caveats are for all rack server platforms.

Symptom The vMedia interface presents a virtual floppy device to the x86 host. When a physical floppy device is also attached to the host (via the front panel dongle), Windows 2003 (x86 & x64) operating systems get confused regarding which of these floppy devices becomes "A:" or "B:". This mix-up may cause the load of drivers from floppy to fail.

Workaround Load the drivers from the vMedia floppy device with no physical floppy connected. (CSCtf18787)

Symptom While trying to install ESX3.5 the system will return an error message saying that it cannot find any storage or adapter. This occurs with ESX 3.5 COS U4 or U5, ESXi 3.5 U4 or U5.

Workaround Use the 8708 RAID adapter instead. Note that this controller is only available for the C200M1 and is not supported or orderable on the C200 M2. (CSCtg23921)

This section lists the open caveats for the 1.1(1) release. Unless otherwise noted, the caveats are for all rack server platforms.

Misc

Symptom When network mode is set to shared LOM with redundancy is set to None, and if the cable is connected to LOM Port2, CIMC doesn't pick the IP.

Workaround In Shared LOM, NONE mode, only LOM Port1 is expected to pick the IP. So connect cable to Port1 and IP will be retrieved. (CSCtf86648)

Symptom The following message appears after installation or upgrade to ESX 4.0 vSphere:

```
Error:TSC: 1137350434cpu0 :0)NUMA : 827 Signficant imbalance between NUMA nodes detected.
Performance may be impacted.:
```

Workaround There are two possible workarounds.

Option 1: Ensure that memory configuration is equal across both processors. Ensure that there are equal amounts of DIMMs of the same size and speed inserted in the DIMM sockets.

Option 2: Reboot system and enter BIOS setup by pressing F2. Go to **Advanced-->Memory Configuration-->Memory RAS --> Performance Configuration**--> and change NUMA Optimized to Disabled. Press F10 to save and reboot. (CSCtc33846)

Symptom The firmware update freezes at downloading stage and at 5% completion. This may occur if there is an interruption to the firmware download while installing firmware through the browser client. Examples of interruptions include: closing the browser, clicking on the browser's stop button, clicking on the browser's refresh button, and network errors.

Workaround If the download appears to have frozen, the easiest workaround is to log out then try the firmware installation again. If the browser has already been closed and you cannot log out, then wait until the session expires and try again. (CSCtb70038)

BIOS

Symptom At times due to slow network bandwidth, a firmware update using a browser doesn't show the progress bar.

Workaround Ideally, the download time should not be greater than 10 minutes. If the update takes longer than that to download, try to update the image by uploading it to a nearby TFTP server. (CSCtf03964)

Symptom The front panel COM port does not work.

Workaround Use the rear panel COM port. (CSCte96760)

Symptom Faulty DIMM size and speed are reported in SMBIOS Type 17. The expected behavior is to report "No DIMM" for failed DIMM slots.

Workaround The user should not assume all DIMMs reported through SMBIOS type 17 are working. Instead the user should go to BIOS setup to find out the working and failing DIMMs. Also the user can retrieve the failing DIMM information from the system error log. (CSCtd44151)

Symptom When VT-UTF8 is selected as a terminal type in BIOS Setup, junk characters are seen on the terminal.

Workaround Do not select VT-UTF8 as terminal type. Use the default VT100 mode. (CSCtb25124)

Symptom Installation of any UEFI Aware Operating System may result in a complete system failure.

Workaround No workaround exists. We do not support UEFI aware Operating Systems. (CSCtd71780)

CIMC

Symptom The front panel ID LED shows a different color for the power off state in the PM CLI and WebUI . When the system is powered off , only the Web UI reflects the correct state.

Workaround Please look at the locator ID link on the WebUI for correct color of the ID LED, or power on the System and then both will show the correct state. (CSCtf33142)

Symptom After resetting a C250 M1 to factory defaults, if the network cable is connected to management port 2, the restored IP doesn't ping other addresses. Factory default mode is not supposed to be used for normal operation. If ethernet management port 2 is used it gets a static IP used by Cisco even if DHCP is enabled.

Workaround Connect to management port 1 instead. (CSCte93298)

Symptom Updating CIMC fails with an 'HTTP Download Error' message when updated using Microsoft Internet Explorer with the 'Install CIMC Firmware through Browser Client' option. Microsoft Internet Explorer reportedly has issues in file uploads over SSL. Mozilla Firefox works fine. See the following KB article from Microsoft.

http://support.microsoft.com/kb/889334

Workaround There are two possible work-arounds. Either upload the image to a TFTP server and use the 'Install CIMC Firmware from TFTP Server' option to update the firmware, or use Mozilla Firefox. (CSCtf71362 and CSCtf35964)

Caveats from Previous Releases

The following caveats were opened in UCS software release 1.0(2) and are still unresolved:

Misc

Symptom The following message appears after installation or upgrade to ESX 4.0 vSphere:

```
Error:TSC: 1137350434cpu0 :0)NUMA : 827 Signficant imbalance between NUMA nodes detected.
Performance may be impacted.:
```

Workaround There are two possible workarounds.

Option 1: Ensure that memory configuration is equal across both processors. Ensure that there are equal amounts of DIMMs of the same size and speed inserted in the DIMM sockets.

Option 2: Reboot system and enter BIOS setup by pressing F2. Go to **Advanced-->Memory Configuration-->Memory RAS --> Performance Configuration**--> and change NUMA Optimized to Disabled. Press F10 to save and reboot. (CSCtc33846)

Symptom The firmware update freezes at downloading stage and at 5% completion. This may occur if there is an interruption to the firmware download while installing firmware through the browser client. Examples of interruptions include: closing the browser, clicking on the browser's stop button, clicking on the browser's refresh button, and network errors.

Workaround If the download appears to have frozen, the easiest workaround is to log out then try the firmware installation again. If the browser has already been closed and you cannot log out, then wait until the session expires and try again. (CSCtb70038)

BIOS

Symptom At times due to slow network bandwidth, a firmware update using a browser doesn't show the progress bar.

Workaround Ideally, the download time should not be greater than 10 minutes. If the update takes longer than that to download, try to update the image by uploading it to a nearby TFTP server. (CSCtf03964)

Symptom The front panel COM port does not work.

Workaround Use the rear panel COM port. (CSCte96760)

Symptom Faulty DIMM size and speed are reported in SMBIOS Type 17. The expected behavior is to report "No DIMM" for failed DIMM slots.

Workaround The user should not assume all DIMMs reported through SMBIOS type 17 are working. Instead the user should go to BIOS setup to find out the working and failing DIMMs. Also the user can retrieve the failing DIMM information from the system error log. (CSCtd44151)

Symptom When VT-UTF8 is selected as a terminal type in BIOS Setup, junk characters are seen on the terminal.

Workaround Do not select VT-UTF8 as terminal type. Use the default VT100 mode. (CSCtb25124)

Symptom Installation of any UEFI Aware Operating System may result in a complete system failure.

Workaround No workaround exists. We do not support UEFI aware Operating Systems. (CSCtd71780)

CIMC

Symptom After resetting a C250 M1 to factory defaults, if the network cable is connected to management port 2, the restored IP doesn't ping other addresses. Factory default mode is not supposed to be used for normal operation. If ethernet management port 2 is used it gets a static IP used by Cisco even if DHCP is enabled.

Workaround Connect to management port 1 instead. (CSCte93298)

Release 1.0(1d)

The following caveats were opened in UCS software release 1.0(1d) and are still unresolved:

Misc

Symptom The following message appears after installation or upgrade to ESX 4.0 vSphere:

```
Error:TSC: 1137350434cpu0 :0)NUMA : 827 Signficant imbalance between NUMA nodes detected.
Performance may be impacted.:
```

Workaround There are two possible workarounds.

Option 1: Ensure that memory configuration is equal across both processors. Ensure that there are equal amounts of DIMMs of the same size and speed inserted in the DIMM sockets.

Option 2: Reboot system and enter BIOS setup by pressing F2. Go to **Advanced-->Memory Configuration-->Memory RAS --> Performance Configuration**--> and change NUMA Optimized to Disabled. Press F10 to save and reboot. (CSCtc33846)

BIOS

Symptom When a configuration uses a large number of PCIE devices with Option ROM, a device's legacy Option ROM may not be loaded by BIOS, limiting the ability to boot from that device. The system BIOS searches for and executes Option ROM in the order it enumerates the PCIE devices. In some cases, the Option ROMs which gets loaded earlier may take all the available 128K space leaving no space for the remaining Option ROMs. This limitation is inherent in PC and server architecture.

Workaround There is no workaround. (CSCte19257)

Symptom When a USB keyboard or mouse is hot plugged during an Option ROM initialization or configuration screen, it may not work during BIOS POST. Only the hot-plugged keyboard/mouse will not work, other devices which are plugged-in before or after the Option ROM, will work.

Workaround Do not hot plug a USB keyboard/mouse during Option ROM initialization or configuration. (CSCtb84361)

Symptom After replacing the CMOS battery and reconnecting AC power, the system does not restart.

Workaround None, the server needs to be sent back to Cisco for recovery. (CSCtd79490)

Symptom Installation of any UEFI Aware Operating System may result in a complete system failure.

Workaround No workaround exists. We do not support UEFI Aware Operating Systems. (CSCtd71780)

Web UI

Symptom A system configured to generate SNMP notification on hard drive removal is not generating the notification. SEL and IPMI events are being generated.

Workaround Use IPMI event monitoring or SEL instead of SNMP. (CSCtd82129)

Symptom On completion of the "Recover Corrupt BIOS" wizard, clicking on the "Finish" button brings up a dialog with the message "BIOS recovery may not be in a state in which it can be canceled. Attempt to cancel anyway?"

Workaround The message is shown erroneously. Simply click "Yes" to close the message dialog. (CSCtd84141)

Symptom A name without domain part used during login in a scenario where authentication fails over from AD to CIMC does not succeed.

Workaround To connect to an AD server you need to use the full form of a user name (like bob@domain.com, even if domain.com had been specified in AD configuration). If this fails because the AD server is unreachable then login with the partial name. (CSCtd74258)

Symptom The firmware update freezes at downloading stage and at 5% completion. This may occur if there is an interruption to the firmware download while installing firmware through the browser client. Examples of interruptions include: closing the browser, clicking on the browser's stop button, clicking on the browser's refresh button, and network errors.

Workaround If the download appears to have frozen, the easiest workaround is to log out then try the firmware installation again. If the browser has already been closed and you cannot log out, then wait until the session expires and try again. (CSCtb70038)

Symptom When launching the KVM console with Microsoft Internet Explorer, the browser fails with the message "Internet Explorer was not able to open this Internet site. The requested site is either unavailable or cannot be found." This error occurs with Microsoft Internet Explorer browsers with a specific setting.

Workaround From the Internet Explorer toolbar, select **Tools -> Internet Options**. The **Internet Options** dialog will pop up. Select the **Advanced** tab and uncheck the "Do not save encrypted pages to disk" option. (CSCtc82943)

CIMC

Symptom At power up, the P1V1_IOH, P1V5_IOH, P1V8_IOH, P0V75_DDR3_P1, or P0V75_DDR3_P2 voltage sensors may be asserted due to a false value read in the first scan. This will make the System Fault LED glow or blink Amber for 10 - 20 seconds. These sensors will be corrected upon the next scan and the LED will return to GREEN. Corrected SEL events will be logged within 10 - 20 seconds.

Workaround None, you can safely ignore the misleading LEDs. These events should not be considered valid. (CSCtd65297)

Symptom If a KVM window is closed while virtual media is open and a CD or DVD is mapped, Windows may not release a lock on the CD or DVD that was shared through virtual media and will not eject the disc.

Workaround The correct and supported method of exiting KVM is to unmap any mapped devices before closing KVM and virtual media. If it is closed by accident, you may have to reboot the Windows OS. (CSCtc07664)

Symptom Linux mouse emulation is calculated, unlike Windows mouse emulation. There are situations when the KVM Linux mouse emulation gets out of sync with the host's mouse: Novell/SUSE's install DVD for SLES doesn't include mouse acceleration. The X setup for the install DVD is very basic, unlike RHEL's. A mouse will work on SLES once it is installed but lags during the installation.On Linux, you can switch between graphical and text mod using the Ctrl-Alt-F1 for text and Ctrl-Alt-F7 to go back to graphical mode. The KVM Linux mouse emulation sometimes gets out of sync when switching between modes.

Workaround When the mouse gets out of sync in Linux, the user must force KVM to recalculate it. There are two ways to force KVM to recalculate the Linux mouse: 1) In KVM, go to the **Tools->Session Options->Mouse** tab and press the button for Linux Mouse Acceleration and then press "Apply" and "OK". If the Linux Mouse Acceleration is already selected, the user can still press "Apply" and then "OK" to force it to recalculate. 2) Move the mouse out of the KVM window to the right of the window and back into the KVM window, forcing it to recalculate the mouse position again. (CSCtc12265)

Release 1.0(1)

The following caveats were opened in UCS software release 1.0(1) and are still unresolved:

BIOS

Symptom Faulty DIMMs size and speed are sometimes reported in SMBIOS Type 17. The expected behavior is to report "No DIMM" for failed DIMM slots.

Workaround The user should not assume all DIMMs reported through SMBIOS type 17 are working. Instead the user should go to BIOS setup to investigat working and failing DIMMs. You can also retrieve DIMM failure information from SEL. (**CSCtd44151**)

Symptom When CMOS is cleared by jumper or by CIMC, the date and time of the system does not get reset to a default value or keep its correct value.

Workaround After clearing the CMOS, set the correct date and time using the BIOS setup or booting to an OS. (**CSCtd38095**)

Symptom If the BIOS senses a faulty memory DIMM the LED next to the slot will not be lit until after the BIOS POST is complete.

Workaround None, the delay is unavoidable. The fault information is available in the BIOS setup memory information and the BMC SEL event log, you can check there to discover which DIMM is faulty. (**CSCtd44133**)

Symptom When VT-UTF8 is selected as a terminal type in BIOS Setup, junk characters are seen on the terminal.

Workaround Do not select the VT-UTF8 terminal type, instead use the VT100 default mode. (**CSCtb25124**)

Symptom After installing the CMOS clear jumper or clearing CMOS from CIMC, the date shows as 01/01/01XX. The expectation is to see the default date as 01/01/1998.

Workaround After clearing CMOS, the user is expected to set the correct date. Once the date is set to a correct date, it will persist. (**CSCtc14697**)

Symptom EFIOptimized is a command under the UEFI Shell used to enable EFI optimized mode which removes legacy components of the BIOS. When you enable this mode, the boot order is changed to boot from the EFI Shell only. When you disable this mode, the expectation is to see previously configured devices in the boot order, but in the case of the LSI 1064E SAS controller, you will not see the SAS drives in the BIOS Setup screen.

Workaround Reapply the desired boot order through Web UI or CLI interfaces of CIMC. (**CSCtc76805**)

GUI Interface

Symptom Special characters such as $ or ! are not allowed while setting the default password using CIMC Utility . When a special character is given while settingthe password an error message saying : "Invalid character"appears.

Workaround Do not use special characters for password. Only following characters are supported are "A-Z", "a-z", "0-9", ".", "+", "_" and "-". If you have used a special character in your password and now cannot access CIMC due to that please use the CIMC utility to set a conforming password and this will resolve the issue. (**CSCtd38085**)

Symptom After logging in to the CIMC WebUI with one instance of Internet Explorer, opening a new browser instance and logging in again causes the first browser instance to be logged out without terminating the session. The old session still appears in the **User Management -> Sessions** screen. This only occurs with Internet Explorer 7 and 6 under certain conditions. The second browser instance must have been opened by using the desktop icon rather than using the **File -> New** menu option. Also, after logging in the first browser instance, the KVM console must have been launched.

Workaround Do not try to start two sessions to the CIMC WebUI with the same browser from the same host. If you need multiple sessions from the same host, use to different browser types, e.g. Internet Explorer and Firefox. (**CSCtd40863**)

Symptom When installing CIMC firmware through the browser client, the progress stays at 5% during the download. If you are downloading over a slow connection, it may appear as if the installation is stuck.

Workaround That is expected behavior, wait for the download to complete. The progess will resume incrementing with the various stages of firmware installation after the download completes. It is highly recommended that you use a reliable and fast connection, such as your corporate LAN, when installing firmware. (**CSCtd31245**)

Symptom While paging through the System Event Log entries, the WebUI appears to skip over some entries. For example, the WebUI shows that it is displaying "Log Entries 1 to 49", but after clicking the "Older >" link, it displays "Log Entries 51 to 100", skipping over entry 50. This may occur if the log contains invalid entries that are filtered out.

Workaround None. (**CSCtd16071**)

Symptom The WebUI displays a "client could not parse XML from server" message. This generally happens when the CIMC is not responding. Common operations that would cause the CIMC to be temporarily unavailable include: rebooting the CIMC, activating new CIMC firmware, changing HTTP parameters on the CIMC, and uploading a new server certificate.

Workaround When this message is displayed, click the browser's "Refresh" button. If the browser says the site is unavailable, wait a few minutes and click the "Refresh" button again. (**CSCtc99186**)

Symptom The WebUI **Admin->User Management->Sessions** page does not get refreshed automatically when the user launches the KVM console. When you go to the **Admin->User Management->Sesssions** page and click on the "Launch KVM Console" button on the toolbar the KVM Console will pop-up however the KVM Console session is not reported on the Sessions page.

Workaround Click the "Refresh" button on the toolbar to see the new KVM session.(**CSCtb06106**)

Symptom Existing WebUI sessions are not terminated after changing the CIMC IP address. After changing the IP address, the WebUI will not respond to requests at the old IP address. You will need to log in to the WebUI again at the new IP address. The old WebUI sessions however will still be active and can be seen in the **Admin -> User Management -> Sessions** screen.

Workaround There are three possible workarounds:

1. After changing the IP address, manually log out from the session immediately and log in again using the new IP address.
2. After logging in using the new IP address, manually terminate the old sessions using the **Admin -> User Management -> Sessions** screen.
3. Do nothing and the sessions will automatically time out after the configured timeout period. (**CSCtb72716**)

IPMI

Symptom POST Quiet display function does not work as expected. POST diagnostic messages display on the screen instead of the Cisco logo.

Workaround Go to the BIOS setup and use the Quiet boot mode option to enable Quiet boot mode and display the Cisco logo if desired. (**CSCtb85059**)

Symptom When using the IPMI SOL set configuration commands, IPMI SOL parameter changes can be applied even if the sub-function is disabled

Workaround None. (**CSCtb64323**)

Symptom A boot order set using the BIOS will be shown but will not persist across a CIMC reboot.

Workaround If you need boot-order to be persistent in CIMC, manage it via the CIMC rather than using the BIOS. (**CSCtc65961**)

KVM

Symptom Launching the KVM console with Microsoft Internet Explorer browsers fails and causes the message "Internet Explorer was not able to open this Internet site. The requested site is either unavailable or cannot be found." This error occurs with Microsoft Internet Explorer browsers with the advanced "Do not save encrypted pages to disk" option set.

Workaround From the Internet Explorer toolbar, select **Tools -> Internet Options**. The Internet Options dialog will pop up. Click the Advanced tab and uncheck the "Do not save encrypted pages to disk" option. (**CSCtd19439**)

LEDs

Symptom The front panel Power LED should blink when the host is powered off. Currently the hardware does not support blinking the Power LED when the host is on standby power.

Workaround None (**CSCtb90666**)

Related Documentation

For configuration information for this release, please refer to:

- Cisco UCS C-Series Servers Integrated Management Controller CLI Configuration Guide, Release 1.1(1)
- Cisco UCS C-Series Servers Integrated Management Controller Configuration Guide, Release 1.1(1)
- Cisco UCS C-Series Servers Integrated Management Controller CLI Command Reference, Release 1.1(1)

The following related documentation is available for the Cisco Unified Computing System:

- *Cisco UCS C-Series Servers Documentation Roadmap*
- *Cisco UCS Site Preparation Guide*
- *Regulatory Compliance and Safety Information for Cisco UCS*

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, 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

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Release Notes for Cisco UCS C-Series Manager