Release Notes for Cisco UCS Central, Release 1.0

This document describes system requirements, new features, and image bundle information, resolved caveats, known caveats and workarounds for Cisco UCS Central software Release 1.0. This document also includes the following:

- Current information that became available after the technical documentation was published

Use this release notes as a supplement with the other documents listed in documentation roadmap http://www.cisco.com/go/unifiedcomputing/b-series-doc .

Make sure to review other available documentation on Cisco.com to obtain current information on Cisco UCS Central.

Contents

This document includes the following sections:

Revision History

Table 1 shows the revision history:

Table 1   ***Online Change History***

Part Number	Revision	Release	Date	Description
OL-25363-01	A0	1.0(1a)	November 20, 2012	Created release notes for Cisco UCS Central Release 1.0

Introduction

UCS Central is a product that enables IT administrators to manage multiple UCS domains that are managed through individual UCS Managers from a single location through a single interface. UCS Central works closely with UCS Manager and provides consolidated management functionality for multi UCS installations. It uses a policy management framework similar to UCS Manager but provides a broader scope of these policies across multiple UCS domains. In addition, it also provides consolidation of data such as hardware and firmware inventory, faults, ID pools. The product is deployed as a virtual machine that works with the multiple UCS managers. UCS Central manages thousands of physical blade and rack servers that are integrated with UCS fabric interconnects distributed across multiple UCS domains. UCS Central provides a intuitive web based GUI and an accompanying CLI for user access . It also provides an XML API similar to the one found in UCS Manager to provide automation and integration capabilities with higher level systems management tools.

System Requirements

To access the browser based Cisco UCS Central GUI, your computer must meet or exceed the following minimum system requirements:

- Windows
  - IE (9 & above)
  - Firefox (15 & above)
  - Chrome (22 & above)
- Linux
  - Firefox (15 & above)
  - Chrome (22 & above)
- MacOS
  - Safari (6 & above)
  - Firefox (15 & above)
  - Chrome (22 & above)

For the Chrome browser, please remove the bundled flash player and install the flash player from Adobe.

The released OVA should be used with ESX 4.0u2, ESX 4.1u1, or ESX 5.0.

The Cisco UCS instances managed by UCS Central need to be using Cisco UCS Software version 2.1 or higher.

New Software Features in Release 1.0

Release 1.0(1a) supports the following:

- UCS Domain Groups
- Integrated Dashboard
  - UCS Domains
  - Fabric Interconnects, Chassis, IO Modules, Blade and Integrated Rack Servers Inventory
  - Domain Level Service Profiles & Templates
  - Firmware
  - Fault, Audit, Event Logs
  - FSM Status
- Global ID Management
  - WWPN, WWNN, WWxN Pools
  - IP Pools
  - MAC Pools
  - UUID Suffix Pools
  - IQN Pools
  - Global ID Usage Tracking
- Centralized Firmware Management
  - Cisco.com Automated Firmware download & Image Repository
  - Maintenance Policy & Schedules
  - Host Firmware Packs, Infrastructure Firmware Packs, Catalog
- Global Operational Policies
  - DNS, Timezone, Call Home, SNMP
  - HTTP, Telnet, Web Sessions, CIM XML, Management Interface Monitoring, SSH
  - LDAP, TACACS, RADIUS, Roles, Locales, Trust Points, Authentication Domains
  - Fault, Core Export, Syslog
  - Power Allocation, PSU, SEL
  - Global Backup/Export Policy
  - UCS Manager Policy Globalization
- Backup Repository and Restore
- UCS Manager KVM & GUI cross launch
- OVA, ISO, BIN formats for multi hypervisor support (ESX, Hyper-V)

Open Caveats

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Table 2   *Open Caveats in Release 1.0(1a)*

Bug ID	Symptom	Workaround
CSCud25795	When a full-state restore is done on UCS Central, subsequent registrations may not go through. Registration status is shown as "shared-secret mismatch" and the operation is not retried. If the shared-secret is entered correctly and still shared-secret error is observed, it could be because the CA Certificate was not received.	Administrators can re-enter the shared-secret to restart the registration process with UCS Central. When httpd comes up after restore, it will refetch the certificate and registration will continue.
CSCud26491	A critical disk read speed fault is shown in an UCS Central deployed on a hyper-v host.	None. In testing, it was found that the disk read speed measured on hyper-v guests showed a lower speed in comparison to guests running on ESX on the same datastore. Typically, this didn't result in a functional impact.
CSCud20882	Config-all import using an IP fails with scp,sftp. When the DNS configuration in UCS Central is either wrong or non-reachable, importing the file fails the task with "End point timed out. Check for IP, password, space or access related issues".	Fix or clear the DNS configuration
CSCub26954	Pending user-acks from maintenance policies defined in a UCS domain is not displayed in UCS Central.	To see pending user-acks and acknowledge in UCS Central, use schedules defined in UCS Central. Modify the maintenance policy to refer to a schedule owned by UCS Central.
CSCuc98962	Custom column value is not changed for the suspend state column. This is seen when the query is already cached inside GUI framework.	Refresh the browser to update the value.
CSCtz35499	When the IP address for UCS Central is changed, occasionally the registered UCS domains fail to get this update. The UCS domains go into lost-visibility state.	Unregister the UCS Domain and re-register it with UCS Central.
CSCuc94589	If the value of the reboot policy is set to "Immediate" when creating a maintenance policy using the CLI, the reboot policy is not saved.	Create the maintenance policy, then set the reboot policy to "Immediate".

Table 2   Open Caveats in Release 1.0(1a) (continued)

Bug ID	Symptom	Workaround
CSCuc96920	If you create an NTP server, and enable Call Home before saving the NTP server, the NTP server cannot be created.	Save the NTP server or any previously modified policies before editing Call Home or inputing valid values for Call Home properties.
CSCud21949	After full-state import and erase samdb, the equipment tab remains in loading state.	Clear the browser cache.
CSCud26193	The "Overall Status" column on the Tech Support Files page (Administration > Diagnostics > Tech Support Files) does not change from "in-progress" to "available" even though the tech-support collection process is complete.	Click on another page in the UCS Central GUI, then return to the Tech Support Files page.
CSCud26790	When a static IP is assigned to an individual server in the UCS domain, it is not visible in the KVM console section of Cisco UCS Central.	Launch the Cisco UCS Manager GUI from Cisco UCS Central. On the Cisco UCS Manager launch page, click Launch KVM Manager.
CSCud27361	The following operations are not available from the Cisco UCS Central GUI: • Changing the hostname • Changing the IP address • Changing the shared secret	You can change the hostname, ip address or shared secret from the Cisco UCS Central CLI.

Related Documentation

For more information, you can access related documents from the following links:

- *Cisco UCS Documentation Roadmap*

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:

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

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