



Release Notes for Cisco UCS Central PowerTool, Release 1.x

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Current Release: 1.x

This document describes the system requirements, new features, information about the images, resolved caveats, known caveats, and workarounds for Cisco UCS Central PowerTool, Release 1.x. This document also includes current information that became available after the technical documentation was published.

Use this release notes as a supplement with the other documents listed in the documentation roadmap for Cisco UCS Central at this location:

http://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/overview/guide/UCS_roadmap.html

You can also view other documents for Cisco UCS Central at this location:

<http://www.cisco.com/c/en/us/support/servers-unified-computing/ucs-central-software/tsd-products-support-series-home.html>

Review other available documentation on Cisco.com to obtain the most current information about Cisco UCS Central PowerTool.

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Revision History

Table 1 shows the revision history:

Table 1 *Online History Changes*

Revision	Release	Date	Description
A0	1.0	August 2015	Created Release notes for Cisco UCS Central PowerTool, Release 1.0

Introduction

Cisco UCS Central PowerTool is a PowerShell module which helps automate aspects of Cisco UCS Central using XML APIs. Cisco UCS Central PowerTool enables easy integration with existing IT management processes and tools.

The Cisco UCS Central PowerTool cmdlets work on the Cisco UCS Central Management Information Tree (MIT). The cmdlets allow you to perform create, modify, or delete actions on the Managed Objects (MOs) in the MIT.



Note

Cisco UCS Central PowerTool can co-exist with Cisco UCS Manager PowerTool enabling management of the entire UCS environment.

System Requirements

Before installing Cisco UCS Central PowerTool, ensure that the system meets the following requirements:

- Windows PowerShell 2.0 or above must be installed on the system
- .NET Framework Version 2.0 SP1 (or later)

Cisco UCS Central

Cisco UCS Central PowerTool is compatible with the following Cisco UCS Central releases:

- Release 1.2
- Release 1.3

Windows PowerShell Requirements

Cisco UCS Central PowerTool supports Windows PowerShell 2.0.

Installation Requirements

Before installing Cisco UCS Central PowerTool, you must do the following:

- Ensure you have PowerShell version 2.0 installed in your system.

- Close any instances of PowerShell running with the PowerTool module loaded.

New Features

New Features in Cisco UCS Central PowerTool 1.0.1

The following new features are added:

- Cmdlets for all the features in Cisco UCS Central Release 1.3.1
- Support for the **ConvertTo-UcsCentralCmdlet** cmdlet
- Stateful connection management to multiple Cisco UCS Central systems in parallel
- Support for creating and downloading technical support information
- Support for backing up Cisco UCS Central configuration
- Support for importing Cisco UCS Central configuration
- Support for launching a GUI session of Cisco UCS Central and registered UCS domains from PowerTool
- Support for launching a KVM session of a server from PowerTool
- Support for comparing and synchronizing configurations within or between Cisco UCS Central sessions
- Added the following aliases for Cisco UCS Central operations

Aliases	UCS Central Operations
Compare-UcsCentralMo	Compare UCS Central Managed Object
Sync-UcsCentralMo	Sync UCS Central Managed Object
Get-UcsCentralMo	Get UCS Central Managed Object
Remove-UcsCentralMo	Remove UCS Central Managed Object
Add-UcsCentralMo	Add UCS Central Managed Object
Set-UcsCentralMo	Set UCS Central Managed Object
Acknowledge-UcsCentralFault	Acknowledge UCS Central Fault
Get-UcsCentralUcsDomain	Get UCS Central UCS Domains
Associate-UcsCentralServiceProfile	Associate UCS Central Service Profile
Disassociate-UcsCentralServiceProfile	Disassociate UCS Central Service Profile
Remove-UcsCentralFex	Remove Fex
Decommission-UcsCentralFex	Decommission Fex
Recommission-UcsCentralFex	Recommission Fex
Acknowledge-UcsCentralFex	Acknowledge Fex
Decommission-UcsCentralServerUnit	Decommission UCS Central Server Unit
Recommission-UcsCentralServerUnit	Recommission UCS Central Server Unit
Acknowledge-UcsCentralServerUnit	Acknowledge UCS Central Server Unit

Aliases	UCS Central Operations
Remove-UcsCentralCartridge	Remove UCS Central Cartridge Server
Decommission-UcsCentralChassis	Decommission UCS Central Chassis
Recommission-UcsCentralChassis	Recommission UCS Central Chassis
Acknowledge-UcsCentralChassis	Acknowledge UCS Central Chassis
Remove-UcsCentralRackUnit	Remove UCS Central Rack Unit Server
Decommission-UcsCentralRackUnit	Decommission UCS Central Rack Unit Server
Recommission-UcsCentralRackUnit	Recommission UCS Central Rack Unit Server
Acknowledge-UcsCentralRackUnit	Acknowledge UCS Central Rack Unit Server
Decommission-UcsCentralBlade	Decommission UCS Central Blade Server
Recommission-UcsCentralBlade	Recommission UCS Central Blade Server
Acknowledge-UcsCentralBlade	Acknowledge UCS Central Blade Server
Remove-UcsCentralBlade	Remove UCS Central Blade Server
Acknowledge-UcsCentralSlot	Acknowledge UCS Central Slot

Known Limitations

The following are the known limitations for Release 1.0.1:

- Sync-UcsCentralManagedObject cmdlet might fail on sending a XML request for configuring managed object of different providers.
- The output of ConvertTo-UcsCentralCmdlet might fail if it has managed object of different providers within a transaction.
- Executing Add-UcsCentralAaaDomainGroup without providing DomainGroupDn parameter value does not assign the domain group to the locale. Also, an empty record or a line is created in the assigned domain group's UI.

Open Caveats

Bug ID	Symptom	Workaround
CSCux63265	On some operating systems Cisco UcsCentral PowerTool fails to launch and throws the following error: "The Module '%CentralPowerToolInstallPath\CiscoUcsCentralPS%' could not be loaded"	Reboot or Log-off after installing Cisco UCS Central PowerTool to update the environment variables.
CSCuo95020	ParameterBindingValidationException error occurs on some cmdlets generated from the ConverTo cmdlet using backup file.	To resolve this issue, run the generated cmdlets after performing one of the following: <ul style="list-style-type: none"> Remove cmdlets which cause this error Provide the correct format for the affected parameter.
CSCun39032	SysdebugTechSupport Object reappears in UCS Central after running Remove-UcsCentralSysdebugTechSupport.	To remove the SysdebugTechSupport Object, enter the following cmdlet Get-UcsCentralSysdebugTechSupport Set-UcsCentralSysdebugTechSupport -AdminState "delete" .
CSCup06986	Cannot bind argument to parameter error while running the script.	Remove cmdlets which cause this error from the script and re-run the script.

Cisco UCS Communities

[Cisco UCS Communities](https://communities.cisco.com/ucsintegrations) is a platform to discuss, share and learn about the Cisco Products and Technologies. For blogs, discussion forums and documents related to UCS integrations with partner ecosystem, visit Cisco UCS Integrations at the following URL:

<https://communities.cisco.com/ucsintegrations>

Related Documentation

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

- [Cisco UCS Central PowerTool, User Guide](#)
- [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 *What's New in Cisco Product Documentation* at:
<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>.

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