

VMware vSphere PowerCLI 4.0 U1

VM Operations

Set-VM
 Set-VMResourceConfiguration
 Set-Snapshot
 Set-CDDrive
 Set-FloppyDrive
 Set-HardDisk
 Set-NetworkAdapter
 Start-VM
 Stop-VM
 Move-VM
 Get-VM
 Suspend-VM
 Get-Snapshot
 Get-CDDrive
 Get-HardDisk
 Get-FloppyDrive
 Get-UsbDevice
 Get-VMQuestion
 Invoke-VMScript
 New-VM
 New-Snapshot
 New-CDDrive
 New-FloppyDrive
 New-HardDisk
 New-NetworkAdapter
 Remove-Snapshot
 Remove-CDDrive
 Remove-FloppyDrive
 Remove-NetworkAdapter
 Remove-VM
 Remove-UsbDevice
 Restart-VM

Network Operations

New-VMHostNetworkAdapter
 New-VirtualSwitch
 New-VirtualPortGroup
 Remove-VirtualSwitch
 Remove-VMHostNetworkAdapter
 Remove-VirtualPortGroup
 Remove-VMHostNtpServer
 Set-VirtualPortGroup
 Set-VirtualSwitch
 Set-ScsiLun
 Set-ScsiLunPath
 Get-ScsiLun
 Get-ScsiLunPath
 Get-VirtualSwitch
 Get-VirtualPortGroup
 Get-VMHostNetwork
 Get-VMHostNtpServer
 Get-VMHostSnmpp
 Get-VMHostFirewallDefaultPolicy
 Get-VMHostFirewallException
 Set-VMHostNetwork
 Set-VMHostFirewallDefaultPolicy
 Set-VMHostFirewallException
 Set-VMHostNetworkAdapter
 Set-VMHostSnmpp
 Set-ScsiLunPath
 Test-VMHostSnmpp
 Set-VIToolkitConfiguration
 Get-OSCustomizationNicMapping
 New-OSCustomizationNicMapping
 Set-OSCustomizationNicMapping
 Get-NicTeamingPolicy
 Set-NicTeamingPolicy
 Get-VMHostHba
 Set-VMHostHba
 Get-iScsiHbaTarget
 New-iScsiHbaTarget
 Remove-iScsiHbaTarget
 Set-iScsiHbaTarget
 Set-VMHostStorage
 Get-VMGuestNetworkInterface
 Set-VMGuestNetworkInterface
 Get-VMGuestRoute
 New-VMGuestRoute
 Remove-VMGuestRoute
 Set-VMGuestRoute
 Add-PassthroughDevice
 Get-PassthroughDevice
 Remove-PassthroughDevice

Logs/Reporting/Configuration

Get-StatInterval
 Get-StatType
 Get-Stat
 Get-Log
 Get-VIEvent
 Get-PowerCLIDocumentation
 Get-PowerCLICommunity
 Get-PowerCLIConfiguration
 Get-PowerCLIVersion
 Get-LogType
 Get-VICredentialStoreItem
 Get-VMResourceConfiguration
 Set-VMHostSysLogServer
 New-StatInterval
 New-VICredentialStoreItem
 Remove-StatInterval
 Remove-VICredentialStoreItem
 Set-StatInterval
 Get-OSCustomizationSpec
 New-OSCustomizationSpec
 Remove-OSCustomizationSpec
 Set-OSCustomizationSpec

Host Profiles

Apply-VMHostProfile
 Export-VMHostProfile
 Get-VMHostProfile
 Import-VMHostProfile
 New-VMHostProfile
 Remove-VMHostProfile
 Set-VMHostProfile
 Test-VMHostProfileCompliance

vSphere Server

Get-View
 Get-VIObjectByVIView
 Get-CustomAttribute
 New-CustomAttribute
 Remove-CustomAttribute
 Set-CustomAttribute
 Get-Annotation
 Set-Annotation
 Remove-Inventory
 Move-Inventory
 Connect-VIServer
 Add-VMHost
 Get-VMHost
 Remove-VMHost
 Disconnect-VIServer
 Get-Datacenter
 Get-VMHostStorage
 Get-Inventory
 Get-Datastore
 Set-Datastore
 Remove-Datastore
 Get-NetworkAdapter
 Get-Task
 Wait-Task
 Get-Template
 Move-Template
 New-Template
 Remove-Template
 Set-Template
 Set-Folder
 Move-Folder
 Remove-Folder
 Stop-Task
 New-Folder
 New-DrsRule
 Get-DrsRule
 Remove-DrsRule
 Set-DrsRule
 Get-DrsRecommendation
 Apply-DrsRecommendation
 Get-VIPrivilege
 Get-VIRole
 New-VIRole
 Remove-VIRole
 Set-VIRole
 Get-VIPermission
 New-VIPermission
 Remove-VIPermission
 Set-VIPermission
 Get-VApp
 Export-VApp
 Import-VApp
 New-VApp
 Remove-VApp
 Set-VApp
 Start-VApp
 Stop-VApp

VM Host Operations

New-VMHostAccount
 New-VMHostProfile
 Remove-VMHostAccount
 Remove-VMHostProfile
 Restart-VMHostService
 Get-VMHostAccount
 Get-VMHostFirmware
 Get-VMHostModule
 Get-VMHostService
 Get-VMHostAdvancedConfiguration
 Get-VMHostDiagnosticPartition
 Get-VMHostStartPolicy
 Get-VMHostSysLogServer
 Import-VMHostProfile
 Set-VMHost
 Start-VMHost
 Restart-VMHost
 Suspend-VMHost
 Move-VMHost
 Stop-VMHost
 Set-VMHostAccount
 Set-VMHostFirmware
 Set-VMHostModule
 Set-MHostAdvancedConfiguration
 Set-VMHostDiagnosticPartition
 Set-VMHostService
 Set-VMHostStartPolicy
 Set-VMHostSysLogServer
 Set-VMStartPolicy
 Set-VMHostProfile
 Start-VMHostService
 Stop-VMHostService
 Test-VMHostProfileCompliance
 Install-VMHostPatch
 Get-VMHostAvailableTimeZone

Guest OS

Get-VMGuest
 Restart-VMGuest
 Shutdown-VMGuest
 Suspend-VMGuest
 Copy-VMGuestFile
 Dismount-Tools
 Mount-Tools
 Update-Tools

Resource Pool Operations

Move-ResourcePool
 New-ResourcePool
 Remove-ResourcePool
 Set-ResourcePool
 Set-VMResourceConfiguration
 Get-ResourcePool

Cluster Operations

New-Cluster
 Set-Cluster
 Move-Cluster
 Remove-Cluster
 Get-Cluster

Datacenter Operations

Move-Datacenter
 New-Datacenter
 Remove-Datacenter
 Set-Datacenter
 Get-Datacenter



VMware vSphere PowerCLI is a powerful, yet easy to use scripting interface to manage the vSphere platform. Administrators can leverage over 160 commandlets to simplify everyday tasks.

For latest documentation, sample code, and information visit: <http://vmware.com/go/powercli>