

# 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>