

# CodePlex Archive will be shut down after July 1st, 2021.

CodePlex was Microsoft's free, open source project hosting site, which ran from 2006 through 2017. The site has been in archive mode for 3 years. We now encourage customers to use [Github](#) for their open source project hosting needs.

CodePlex will continue as an archive until next July (2021), at which point it will be shut down. Until then, you can browse published projects, documentation, issues, and discussions which were posted before the site went into archive mode three years ago.

For questions or comments please contact [CodePlex Archive support](#).

CodePlex Archive Open Source Project Archive

## PSHyperv

*PowerShell Management Library for Hyper-V*

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A project to provide a PowerShell management library for Hyper-V

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### PowerShell management Library for Hyper-V

A project to provide a PowerShell management library for Hyper-V

It does pretty much what it says. Note that a lot of the information available from Hyper-V is only available if Powershell is running with Elevated privilege

At present there are 80 functions in the library, some of these are worker functions which are not expected to be called directly, the others are listed below.

**\_NOTE:** The version of PSHyper-V available in the Source Code section is under active developement and is not guaranteed to be stable. If you require a stable release, please use one of the versions from the download area

#### Finding a VM

Get-VM, Choose-VM , Get-VMHost

#### Connecting to a VM

New-VMConnectSession

#### Discovering and manipulating Machine states

Get-VMState , Set-VMState , Convert-VmState,  
Ping-VM , Test-VMHeartBeat, Shutdown-VM , Start-VM, Stop-VM, Suspend-VM  
Get-VMKVP, Add-KVP, Remove-KVP, Get-VMJPEG

#### Backing up, exporting and snapshotting VMs

Export-VM , Import-VM, Get-VMSnapshot, Choose-VMSnapshot , Apply-VMSnapshot , New-VMSnapshot ,Remove-VMSnapshot, Rename-VMSnapShot, Update-VMSnapshot, Get-VMSnapshotTree, Get-VmBackupScript

#### Adding and removing VMs, configuring motherboard settings.

New-VM , Remove-VM , Set-VM , Get-VMCPUCount, Set-VMCPUCount, Get-VMMemory, Set-VMMemory, Set-VMSerialPort

#### Manipulating Disk controllers, drives and disk images

Get-VMDiskController  
Add-VMSCSIController , Remove-VMSCSIcontroller  
Get-VMDriveByController , Add-VMDRIVE , Remove-VMdrive  
Get-VMDiskByDrive, Add-VMDISK , Set-VMDisk, Get-VMDisk  
Get-VMFloppyDisk , Add-VMFloppyDisk  
Add-VMNewHardDisk

#### Manipulating Network Interface Cards

Get-VMNic , List-VMNic , Choose-VMNIC, Add-VMNIC, Remove-VMNIC , Set-VMNICAddress , Set-VMNICConnection , Get-VMNicport ,  
Get-VMnicSwitch, Choose-VMSwitch, New-VMSwitchPort, Get-VMByMACaddress, Choose-VMExternalEthernet,  
New-VMExternalSwitch, New-VMInternalSwitch,New-VmPrivateSwitch

#### Working with VHD files

Get-VHDDefaultPath, Get-VHDInfo, New-VHD, Compact-VHD, Test-VHD,Convert-VHD,Merge-VHD,Mount-VHD, Unmount-VHD

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