VMWareCLIManager Documentation  
PowerShell PowerCLI 6.5.1 Script **v0.2b**

# **Introduction**

Guide to using the PowerShell Script VMWareCLIManager.

This script will allow the automation of the following:

* Migrations
* Farm/Individual Cluster VMHost Upgrade ***Version’s*** and ***Patches’*** using **Update Manager’s** Baseline and baseline Groups
* Clean/Delete Orphaned VM’s and un-used data in specified datastores
* Farm/Individual Cluster Reports on **Storage**, **Host Versions**, **VM versions**, **Patches**, etc

# **Connecting to Instance**

Accessing the CMDLETS from the VMWare.PowerCLI Module which the script is built upon, a vCenter Server Instance is required.

**Step 1.**  
Importing the module allowing the use of the CLI Namespace vmwarecli  
*NOTE – See “****Settings up global object****”*

C:\#>Import-Modiule –name “\path\to\script”

**Step 2.**Connect to vCenter Instance with the –connectVI switch, you will be prompted for username and password with sufficient permissions to access the vCenter Server

C:\#> vmwarecli -connectVI

# **Disconnecting from instance**

Disconnecting from vCenter instance can be down by using the following switch

C:\#> vmwarecli -disconnectVI

# **Running Reports**

**Single-Cluster** Running report on provided cluster to show the list of VMHOST in the cluster

C:\#>VMwareCLiManager –report –cluster “<ClusterName>”

**~~Multi-cluster~~**

~~Running report on cluster to show the list of VMHost in the cluster~~

**Cluster Available Storage**

Running report on cluster to show the list of VMHost in the cluster

C:\#>VMwareCLiManager –report –AS

**Cluster VMHost Version’s**

Running report on cluster to show the list of VMHost in the cluster

C:\#>VMwareCLiManager –report –cluster

# **Prepare a cluster for migration – vCenter to vCenter**

C:\#>VMwareCLiManager –prepareCluster

*This functions prepares a cluster for migration or upgrade*

**Actions**

1. Check if *DrsMode* is enabled and disables it
2. Check if *HAMode* is enabled and disables it
3. Check If *EVCMode* is active and disables it
4. Populates the $global:config.prepared\_status, this allows the script a failsafe  
   *\*NOTE\* this may be performed manually, however when the switch* ***–updateCluster*** *this is run automatically before hand*

C:\#>VMwareCLiManager –migrateCLuster

# **Saving Cluster Settings**

# **Reverting Cluster Settings**

# **Setting up Global Object – Configuration**