



Post Installation

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Verifying Installation

To verify the installation of the Cisco HX Connect PowerShell Tool Kit (PSTK), enter the following cmdlet:

```
get-module -name Cisco.Runbook
```

Sample Output:

ModuleType	Version	Name	ExportedCommands
Binary	1.0	Cisco.Runbook	{Add-HXProtectedVMToGroup, Connect-HXCluster, Disconnect-HXCluster, Get-HXCluster...}

Viewing Available cmdlets

To view a list of all available Cisco HXPowerCLI cmdlets run the command:

```
Get-Command -Module Cisco.Runbook
```

Sample Output:

CommandType	Name	Version	Source
Cmdlet	Add-HXProtectedVMToGroup	1.0	Cisco.Runbook
Cmdlet	Connect-HXCluster	1.0	Cisco.Runbook
Cmdlet	Disconnect-HXCluster	1.0	Cisco.Runbook

Cmdlet	Get-HXCluster	1.0	Cisco.Runbook
Cmdlet	Get-HXJobStatus	1.0	Cisco.Runbook
Cmdlet	Get-HXProtectedVM	1.0	Cisco.Runbook
Cmdlet	Get-HXProtectionGroup	1.0	Cisco.Runbook
Cmdlet	Invoke-HXFailover	1.0	Cisco.Runbook
Cmdlet	Invoke-HXPrepareFailover	1.0	Cisco.Runbook
Cmdlet	Invoke-HXPrepareGroupRecovery	1.0	Cisco.Runbook
Cmdlet	Invoke-HXPrepareReverseProtect	1.0	Cisco.Runbook
Cmdlet	Invoke-HXReverseProtect	1.0	Cisco.Runbook
Cmdlet	Invoke-HXTestFailover	1.0	Cisco.Runbook
Cmdlet	New-HXProtectionGroup	1.0	Cisco.Runbook
Cmdlet	Protect-HXVM	1.0	Cisco.Runbook
Cmdlet	Remove-HXProtectedVMFromGroup	1.0	Cisco.Runbook
Cmdlet	Remove-HXProtectionGroup	1.0	Cisco.Runbook
Cmdlet	Unprotect-HXVM	1.0	Cisco.Runbook

Getting Help

To get help for the Cisco HXPowerCLI commands, you can use the `Get-help` cmdlet.

For example:

pGet-help Connect-HXCluster

Output:

```

NAME
    Connect-HXCluster
SYNOPSIS
    Connects to the HX Cluster.
SYNTAX
    Connect-Cluster [-ClusterIP] <string> [[-Credential] <PSCredential>] [[-Username]
<string>] [[-Password] <string>] [<CommonParameters>]
DESCRIPTION
    Connects to the HX Cluster.
```

RELATED LINKS

Disconnect-HXCluster
Get-HXCluster

REMARKS

To see the examples, type: "get-help Connect-HXCluster -examples".
For more information, type: "get-help Connect-HXCluster -detailed".
For technical information, type: "get-help Connect-HXCluster -full".
For online help, type: "get-help Connect-HXCluster -online".

To display the full help content for a Cisco HXPowerCLI command, you can use the `get-help <command> -full cmdlet`:

For example:

get-help Connect-HXCluster -full

NAME

Connect-HXCluster

SYNOPSIS

Connects to the HX Cluster.

SYNTAX

```
Connect-Cluster [-ClusterIP] <string> [[-Credential] <PSCredential>] [[-Username]
<string>] [[-Password] <string>] [<CommonParameters>]
```

DESCRIPTION

Connects to the HX Cluster.

PARAMETERS

-Credential <PSCredential>

Specify the user's credential for the cluster.

Required? false

Position? 1

Default value

Accept pipeline input? true (ByValue, ByPropertyName)

Accept wildcard characters? false

-cred <PSCredential>

Specify the user's credential for the cluster.

This is an alias of the Credential parameter.

Required? false

Position? 1

Default value

Accept pipeline input? true (ByValue, ByPropertyName)

Accept wildcard characters? false

-ClusterIP <string>

Specify the HX Cluster IP.

Required? true

Position? 0

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Cluster <string>

Specify the HX Cluster IP.

This is an alias of the ClusterIP parameter.

Required? true

Position? 0

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Username <string>

Specify the username for the HX Cluster.

Required? false

Position? 1

Default value

Accept pipeline input? false

Accept wildcard characters? false

-user <string>

Specify the username for the HX Cluster.

```

This is an alias of the Username parameter.
Required?                false
Position?                1
Default value
Accept pipeline input?   false
Accept wildcard characters? false
-Password <string>
Specify the password for the HX Cluster.
Required?                false
Position?                2
Default value
Accept pipeline input?   false
Accept wildcard characters? false
-pwd <string>
Specify the password for the HX Cluster.
This is an alias of the Password parameter.
Required?                false
Position?                2
Default value
Accept pipeline input?   false
Accept wildcard characters? false
<CommonParameters>
This cmdlet supports the common parameters: Verbose, Debug,
ErrorAction, ErrorVariable, WarningAction, WarningVariable,
OutBuffer, PipelineVariable, and OutVariable. For more information, see
about_CommonParameters (http://go.microsoft.com/fwlink/?LinkID=113216).
INPUTS
System.Management.Automation.PSCredential
Specify the user's credential for the cluster.
OUTPUTS
IO.Swagger.Model.VirtualMachine
----- EXAMPLE 1 -----
C:\> Connect-HXCluster -ClusterIP 10.198.14.227 -Username root -Password abc
Output
-----
10.198.14.227 is connected..
RELATED LINKS
Disconnect-HXCluster
Get-HXCluster

```

Viewing Examples

To view examples for the Cisco HXPowerCLI commands, you can use the `get-help Connect-HXCluster -examples cmdlet`.

For example:

```

PS C:\> get-help Connect-HXCluster -examples
NAME
    Connect-HXCluster
SYNOPSIS
    Connects to the HX Cluster.
----- EXAMPLE 1 -----
C:\> Connect-HXCluster -ClusterIP 10.198.14.227 -Username root -Password abc
Output
-----
10.198.14.227 is connected.

```