



Post Installation

- [Verifying Installation, on page 1](#)
- [Viewing Available cmdlets , on page 1](#)
- [Getting Help, on page 2](#)
- [Viewing Examples, on page 4](#)

Verifying Installation

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

```
get-module -name Cisco.HXPowerCLI
```

Sample Output:

ModuleType	Version	Name	ExportedCommands
Binary	5.0.0.3	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.HXPowerCLI
```

Sample Output:

CommandType	Name	Version	Source
Cmdlet	Add-HXProtectedVMToGroup	5.0.0.3	Cisco.Runbook
Cmdlet	Connect-HXCluster	5.0.0.3	Cisco.Runbook
Cmdlet	Disconnect-HXCluster	5.0.0.3	Cisco.Runbook

Cmdlet	Get-HXCluster	5.0.0.3	Cisco.Runbook
Cmdlet	Get-HXTaskStatus	5.0.0.3	Cisco.Runbook
Cmdlet	Get-HXProtectedVM	5.0.0.3	Cisco.Runbook
Cmdlet	Get-HXProtectionGroup	5.0.0.3	Cisco.Runbook
Cmdlet	Invoke-HXFailover	5.0.0.3	Cisco.Runbook
Cmdlet	Invoke-HXPrepareFailover	5.0.0.3	Cisco.Runbook
Cmdlet	Invoke-HXPrepareGroupRecovery	5.0.0.3	Cisco.Runbook
Cmdlet	Invoke-HXPrepareReverseProtect	5.0.0.3	Cisco.Runbook
Cmdlet	Invoke-HXReverseProtect	5.0.0.3	Cisco.Runbook
Cmdlet	Invoke-HXTestFailover	5.0.0.3	Cisco.Runbook
Cmdlet	New-HXProtectionGroup	5.0.0.3	Cisco.Runbook
Cmdlet	Protect-HXVM	5.0.0.3	Cisco.Runbook
Cmdlet	Remove-HXProtectedVMFromGroup	5.0.0.3	Cisco.Runbook
Cmdlet	Remove-HXProtectionGroup	5.0.0.3	Cisco.Runbook
Cmdlet	Unprotect-HXVM	5.0.0.3	Cisco.Runbook

Getting Help

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

For example:

Get-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.

```