



python



PowerShell

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PowerShell Get-Help on command 'Register-StorageSubsystem'

PS C:\Users\wahid> Get-Help Register-StorageSubsystem

NAME

Register-StorageSubsystem

SYNOPSIS

Connects to storage subsystems on a remote computer.

SYNTAX

```
Register-StorageSubsystem [-AsJob] [-CimSession <CimSession[]>] -ComputerName  
<String> [-Credential <PSCredential>] -InputObject <CimInstance[]>  
[-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Register-StorageSubsystem [-ProviderName] <String[]> [-AsJob] [-CimSession  
<CimSession[]>] -ComputerName <String> [-Credential <PSCredential>]  
[-ThrottleLimit <Int32>] [<CommonParameters>]
```

```
Register-StorageSubsystem [-AsJob] [-CimSession <CimSession[]>] -ComputerName  
<String> [-Credential <PSCredential>] -ProviderUniqueId <String[]>  
[-ThrottleLimit <Int32>] [<CommonParameters>]
```

DESCRIPTION

The Register-StorageSubsystem cmdlet connects to storage subsystems on a remote computer or cluster. In data centers and clustered environments, a management node manages storage on the remote computers. From the management node, you must connect to the storage subsystems on the remote computer or cluster before you can manage storage on the remote computer.

PARAMETERS

-AsJob [**<SwitchParameter>**]

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

-CimSession **<CimSession[]>**

Runs the cmdlet in a remote session or on a remote computer. Enter a computer name or a session object, such as the output of a `New-CimSession` (<https://go.microsoft.com/fwlink/p/?LinkId=227967>) or `[Get-CimSession](https://go.microsoft.com/fwlink/p/?LinkId=227966)cmdlet`. The default is the current session on the local computer.

-ComputerName **<String>**

Specifies the name of a remote computer. Specify the IP address or any value that resolves to an IP address, such as a fully qualified domain name (FQDN), host name, or NetBIOS name.

-Credential **<PSCredential>**

Specifies a `PSCredential` object that contains the user credentials for the remote computer. To obtain a `PSCredential` object, use the `Get-Credential` cmdlet. For more information, type ``Get-Help Get-Credential``.

-InputObject **<CimInstance[]>**

Specifies the input object that is used in a pipeline command.

-ProviderName <String[]>

Specifies an array of names of providers. The cmdlet connects to the storage subsystems that are managed by the storage providers that you specify.

-ProviderUniqueId <String[]>

Specifies an array of unique IDs of providers. The cmdlet connects to the storage subsystems that are managed by the storage providers that you specify.

-ThrottleLimit <Int32>

Specifies the maximum number of concurrent operations that can be established to run the cmdlet. If this parameter is omitted or a value of `0` is entered, then Windows PowerShell calculates an optimum throttle limit for the cmdlet based on the number of CIM cmdlets that are running on the computer. The throttle limit applies only to the current cmdlet, not to the session or to the computer.

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see [about_CommonParameters \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

- Example 1: Register a storage subsystem on a remote computer -

```
PS C:\> Register-StorageSubsystem -ProviderName "Storage Spaces Management  
Provider" -ComputerName "StorageCluster01"
```

This command registers the storage subsystem named Storage Spaces Management Provider on the computer named StorageCluster01.

REMARKS

To see the examples, type: "get-help Register-StorageSubsystem -examples".

For more information, type: "get-help Register-StorageSubsystem -detailed".

For technical information, type: "get-help Register-StorageSubsystem -full".

For online help, type: "get-help Register-StorageSubsystem -online"