Windows PowerShell Get-Help on Cmdlet 'Unregister-StorageSubsystem'

PS:\>Get-HELP Unregister-StorageSubsystem -Full

NAME

   Unregister-StorageSubsystem

SYNOPSIS

   Disconnects from storage subsystems on a remote computer.

SYNTAX

   Unregister-StorageSubsystem [-AsJob] [-CimSession <CimSession[]>] [-Force] -InputObject <CimInstance[]> [-PassThru]

[-StorageSubSystemUniqueId <String>]

   [-ThrottleLimit <Int32>] [<CommonParameters>]

   Unregister-StorageSubsystem [-ProviderName] <String[]> [-AsJob] [-CimSession <CimSession[]>] [-Force] [-PassThru]

[-StorageSubSystemUniqueId <String>] [-ThrottleLimit

   <Int32>] [<CommonParameters>]

   Unregister-StorageSubsystem [-AsJob] [-CimSession <CimSession[]>] [-Force] [-PassThru] -ProviderUniqueId <String[]>

[-StorageSubSystemUniqueId <String>]

   [-ThrottleLimit <Int32>] [<CommonParameters>]

DESCRIPTION

   The Unregister-StorageSubsystem cmdlet disconnects storage management in Windows Serverr 2012 R2 from storage subsystems on a remote computer or remote cluster. When

   you disconnect from a storage subsystem, you cannot use the management node to remotely manage the storage subsystem.

PARAMETERS

  -AsJob [<SwitchParameter>]

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

      Required?   false

      Position?   named

      Default value   False

      Accept pipeline input?   False

      Accept wildcard characters? false

  -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.

      Required?   false

      Position?   named

      Default value   None

      Accept pipeline input?   False

      Accept wildcard characters? false

  -Force [<SwitchParameter>]

    Forces the command to run without asking for user confirmation.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

-InputObject <CimInstance[]>

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

Required?   true

Position?   named

Default value   None

Accept pipeline input?   True (ByValue)

Accept wildcard characters? false

-PassThru [<SwitchParameter>]

Returns an object representing the item with which you are working. By default, this cmdlet does not generate any output.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

-ProviderName <String[]>

Specifies an array of names of providers. The cmdlet disconnects from the storage subsystems that are managed by the storage provider that you specify.

Required?   true

Position?   0

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-ProviderUniqueId <String[]>

Specifies an array of unique IDs of providers. The cmdlet disconnects from the storage subsystems that are managed

by the storage provider that you specify.

Windows Serverr 2012 retains the provider ID through computer restarts.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-StorageSubSystemUniqueId <String>

Specifies the unique ID of the storage subsystem in the system. The cmdlet disconnects from the storage subsystem

that you specify. Windows Serverr 2012 retains

the storage subsystem ID through computer restarts.

Required?   false

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-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 PowerShellr 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.

Required?   false

Position?   named

Default value   None

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 (https:/go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.Management.Infrastructure.CimInstance#ROOT/Microsoft/Windows/Storage/MSFT_StorageProvider

You can use the pipeline operator to pass an array of MSFT_StorageProvider objects to the InputObject parameter.

Microsoft.Management.Infrastructure.CimInstance#ROOT/Microsoft/Windows/Storage/MSFT_StorageSubsystem

You can use the pipeline operator to pass an MSFT_StorageSubsystem object to this cmdlet, which maps the

UniqueID property by name to the StorageSubsystemUniqueID

parameter.

OUTPUTS

Microsoft.Management.Infrastructure.CimInstance#ROOT/Microsoft/Windows/Storage/MSFT_Volume

If you specify the PassThru parameter, this cmdlet returns an object that represents the storage providers that you

disconnected.

NOTES

* When used in Failover Cluster, cmdlets from the Storage module operate on cluster level (all servers in the cluster).

Example 1: Disconnect from storage subsystems on a remote computer

```
PS C:\> Unregister-StorageSubsystem -ProviderName "Provider16"
```

This command disconnects Windows Serverr 2012 from the storage subsystems that the storage provider named Provider16 manages on the remote computer.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/storage/unregister-storagesubsystem?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Register-StorageSubsystem