Windows PowerShell Get-Help on Cmdlet 'Remove-StoragePool'

PS:\>Get-HELP Remove-StoragePool -Full

NAME

   Remove-StoragePool

SYNOPSIS

   Deletes a storage pool and associated VirtualDisk objects.

SYNTAX

   Remove-StoragePool [-FriendlyName] <String[]> [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-PassThru]
[-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

   Remove-StoragePool [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -InputObject <CimInstance[]> [-PassThru]
[-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]

   Remove-StoragePool [-AsJob] [-CimSession <CimSession[]>] [-Confirm] -Name <String[]> [-PassThru] [-ThrottleLimit
<Int32>] [-WhatIf] [<CommonParameters>]

   Remove-StoragePool [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-PassThru] [-ThrottleLimit <Int32>] -UniqueId
<String[]> [-WhatIf] [<CommonParameters>]

DESCRIPTION

   The Remove-StoragePool cmdlet deletes a storage pool. If the storage pool contains virtual disks, you must delete the

virtual disks prior to removing the storage pool.

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

  -Confirm [<SwitchParameter>]

    Prompts you for confirmation before running the cmdlet.

    Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

Accept wildcard characters? false

  -FriendlyName <String[]>

     Specifies a friendly name for the storage pool to be removed. The friendly name may be defined by a user and is not guaranteed to be unique.

     Required?   true

     Position?   0

     Default value   None

     Accept pipeline input?   True (ByPropertyName)

     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

  -Name <String[]>

     Specifies the name of an object or setting.

     Required?   true

     Position?   named

     Default value   None

     Accept pipeline input?   True (ByPropertyName)

     Accept wildcard characters? false

-PassThru [<SwitchParameter>]

Sends items from the interactive window down the pipeline as input to other cmdlets. By default, this cmdlet does not generate any output.

To send items from the interactive window down the pipeline, click to select the items and then click OK. Shift-click and Ctrl-click are supported.

Required?   false

Position?   named

Default value   False

Accept pipeline input?   False

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

-UniqueId <String[]>

Specifies an ID used to uniquely identify a Disk object in the system. The ID persists through restarts.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required?   false

Position?   named

Default value   False

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_StoragePool

The `Microsoft.Management.Infrastructure.CimInstance` object is a wrapper class that displays Windows Management

Instrumentation (WMI) objects. The path after the

pound sign (`#`) provides the namespace and class name for the underlying WMI object.

OUTPUTS

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

The `Microsoft.Management.Infrastructure.CimInstance` object is a wrapper class that displays Windows Management

Instrumentation (WMI) objects. The path after the

pound sign (`#`) provides the namespace and class name for the underlying WMI object.

NOTES

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

-------------------------- EXAMPLE 1 --------------------------

PS C:\>Remove-StoragePool -FriendlyName "DemoPool"

This example removes the storage pool with the friendly name DemoPool. When a storage pool is created, it consumes one or more physical disks to create the pool, from

which virtual disks are subsequently created. The removal of a storage pool, which can only be performed after all virtual disks have first been removed, destroys the

storage pool, and returns the physical disks back to a non-pooled state, where they may be re-consumed.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/storage/remove-storagepool?view=windowsserver2022-ps&wt.mc_id=ps-get help

Get-StoragePool

New-StoragePool

Set-StoragePool