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

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

NAME

   Update-StoragePool

SYNOPSIS

   Updates the metadata of a Windows Server 2012 R2 storage pool.

SYNTAX

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

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

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

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

DESCRIPTION

   The Update-StoragePool cmdlet updates the metadata of a previous Windows Serverr storage pool to a new Windows

Serverr storage pool. This is a required step for

   upgrading from Windows Server 2012 to either Windows Server 2012 R2, or Windows Server 2016, and from Windows

Server 2012 R2 to Windows Server 2016. If you upgrade

   Windows Server without running this command, storage pools hosted on that server continue to work, but new Storage

Spaces functionality, such as storage tiers, is not

   available. Some other functions and commands may not behave as expected, as well.

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 an array of storage pool friendly names. The cmdlet upgrades the storage pools that you specify by friendly name.

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 an array of names. The cmdlet upgrades the storage pools that you specify by name. This human-readable name is not necessarily unique.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   True (ByPropertyName)

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

-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 array of unique IDs, as strings. The cmdlet upgrades the storage pools that have the IDs that you specify.

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

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

OUTPUTS

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

This cmdlet generates an object that represents the storage pools that you updated, if you specify the PassThru

parameter.

NOTES

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

-- Example 1: Upgrade a storage pool by using a friendly name --

PS C:\>Update-StoragePool -FriendlyName "Win8Pool32"

This command upgrades the storage pool that has the friendly name Win8Pool32.

RELATED LINKS

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

Get-StoragePool

New-StoragePool

Remove-StoragePool

Set-StoragePool