Windows PowerShell Get-Help on Cmdlet 'Add-DtcClusterTMMapping'

PS:\>Get-HELP Add-DtcClusterTMMapping -Full

NAME

   Add-DtcClusterTMMapping

SYNOPSIS

   Adds a cluster DTC mapping.

SYNTAX

   Add-DtcClusterTMMapping [-AsJob] [-CimSession <CimSession[]>] -ClusterResourceName <String> -ComPlusAppId <String> -Local <Boolean> -Name <String> [-PassThru]

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

   Add-DtcClusterTMMapping [-AsJob] [-CimSession <CimSession[]>] -ClusterResourceName <String> -ExecutablePath <String> -Local <Boolean> -Name <String> [-PassThru]

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

   Add-DtcClusterTMMapping [-AsJob] [-CimSession <CimSession[]>] -ClusterResourceName <String> -Local <Boolean> -Name <String> [-PassThru] -Service <String>

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

DESCRIPTION

The Add-DtcClusterTMMapping cmdlet adds a cluster Distributed Transaction Coordinator (DTC) mapping. This cmdlet is supported on clustered computers only.

PARAMETERS

-AsJob [<SwitchParameter>]

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

The cmdlet immediately returns an object that represents the job and then displays the command prompt. You can continue to work in the session while the job

completes. To manage the job, use the `*-Job` cmdlets. To get the job results, use the Receive-Job (https://go.microsoft.com/fwlink/?LinkID=113372)cmdlet.

For more information about Windows PowerShell background jobs, see about_Jobs (https://go.microsoft.com/fwlink/?LinkID=113251).

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

-ClusterResourceName <String>

    Specifies the name of a cluster DTC resource. This cmdlet associates this mapping with the resource that the name specifies.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-ComPlusAppId <String>

Specifies the COM+ application identifier to associate with this mapping.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-ExecutablePath <String>

Specifies the path of the application to associate with this mapping.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-Local <Boolean>

Specifies whether the application type is local. If you specify a value of $False, the application is a clustered resource. If the application type is local, the

application maps to the Local DTC instance and the cmdlet ignores the value of the ClusterResourceName parameter.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   False

Accept wildcard characters? false

-Name <String>

Specifies the name of the DTC mapping to add.

Required?   true

Position?   named

Default value   None

Accept pipeline input?   False

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

-Service <String>

Specifies the name of the Windows service to associate with this mapping.

Required?   true

Position?   named

Default value   None

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

  <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

OUTPUTS

NOTES

------------- Example 1: Create a cluster mapping -------------

    PS C:\> Add-DtcClusterTMMapping -ClusterResourceName "DtcResource1" -ExecutablePath "C:\TestApp\App.exe"

-Local $False -Name "LocalTestAppMapping"

This command creates a DTC cluster Transaction Manager (TM) mapping.

RELATED LINKS

Online   Version:

https://learn.microsoft.com/powershell/module/msdtc/add-dtcclustertmmapping?view=windowsserver2022-ps&wt.mc_id=ps-

gethelp

Get-DtcClusterTMMapping

Remove-DtcClusterTMMapping

Set-DtcClusterTMMapping