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PowerShell

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PowerShell Get-Help on command 'Add-DtcClusterTMMapping'

PS C:\Users\wahid> Get-Help Add-DtcClusterTMMapping

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>).

-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.

-ClusterResourceName <String>

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

-ComPlusAppld <String>

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

-ExecutablePath <String>

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

-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.

-Name <String>

Specifies the name of the DTC mapping to add.

-PassThru [<SwitchParameter>]

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

-Service <String>

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

-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>).

----- 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.

REMARKS

To see the examples, type: "get-help Add-DtcClusterTMMapping -examples".

For more information, type: "get-help Add-DtcClusterTMMapping -detailed".

For technical information, type: "get-help Add-DtcClusterTMMapping -full".

For online help, type: "get-help Add-DtcClusterTMMapping -online"