



### *Windows PowerShell Get-Help on Cmdlet 'Get-DtcClusterTMMapping'*

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

#### NAME

Get-DtcClusterTMMapping

#### SYNOPSIS

Gets cluster DTC Mapping data.

#### SYNTAX

```
Get-DtcClusterTMMapping [-AsJob] [-CimSession <CimSession[]>] [-Name <String>] [-ThrottleLimit <Int32>]
[<CommonParameters>]
```

#### DESCRIPTION

The Get-DtcClusterTMMapping cmdlet gets cluster Distributed Transaction Coordinator (DTC) Mapping data. If you do not specify the Name parameter, the cmdlet gets all cluster Transaction Manager (TM) mapping data. 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

`-Name <String>`

Specifies the `MappingName` . If you do not specify this parameter, the cmdlet gets all TM mappings.

Required?	false
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Position?            named  
Default value        None  
Accept pipeline input?    True (ByPropertyName, ByValue)  
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 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.

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

## INPUTS

## OUTPUTS

### DtcClusterTMMapping

This cmdlet returns a DtcClusterTMMapping object that contains the specified MappingName value. If you do not specify a MappingName , this cmdlet gets all mappings.

## NOTES

----- Example 1: Get cluster mapping -----

```
PS C:\> Get-DtcClusterTMMapping -Name "TestMapping"
```

This example get the cluster DTC TM mapping for the MappingName TestMapping.

## RELATED LINKS

Online

Version:

[https://learn.microsoft.com/powershell/module/msdtc/get-dtcclustertmmapping?view=windowsserver2022-ps&wt.mc\\_id=ps-gethelp](https://learn.microsoft.com/powershell/module/msdtc/get-dtcclustertmmapping?view=windowsserver2022-ps&wt.mc_id=ps-gethelp)

Add-DtcClusterTMMapping

Remove-DtcClusterTMMapping

Set-DtcClusterTMMapping