



python



PowerShell

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PowerShell Get-Help on command 'Get-Dtc'

PS C:\Users\wahid> Get-Help Get-Dtc

NAME

Get-Dtc

SYNOPSIS

Gets DTC instances.

SYNTAX

```
Get-Dtc [-AsJob] [-CimSession <CimSession[]>] [-DtcName <String>]  
[-ThrottleLimit <Int32>] [<CommonParameters>]
```

DESCRIPTION

The Get-Dtc cmdlet gets Distributed Transaction Coordinator (DTC) instances that run on the host. Use the DtcName parameter to specify a DTC instance.

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.

`-DtcName <String>`

Specifies the DTC instance to get on the host. If you do not specify this parameter, or if you specify a value of `Local`, this cmdlet gets the local DTC instance for the host.

`-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.

`<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).

----- Example 1: Get a DTC instance -----

```
PS C:\> Get-Dtc
```

```
DtcName      : Local
KtrmEndpointCid : b6628c9f-46ff-404d-a0fa-62657cb828af
OleTxEndpointCid : f3027ea1-4ee5-45b5-a01c-06f41221111b
Status       : Started
UisEndpointCid : e9385758-8092-4dd7-8b09-587aa427a58e
VirtualServerName : Contoso093
XAEndpointCid  : ced49d85-82a9-49d9-a6ee-8c5b4bd7b5bd
```

```
DtcName      : MSDTC-Contoso093DTC1
KtrmEndpointCid :
OleTxEndpointCid : 04c1c8e4-4810-4dc5-945b-b1cb2c9a2cc4
Status       : Started
UisEndpointCid : 9a8d3a2f-c28c-4bb6-91fd-8378492bf6a9
VirtualServerName : Contoso093DTC1
XAEndpointCid  : 956d64a7-a307-4aaa-a5d9-10e31f6c51fa
```

```
DtcName      : MSDTC-Contoso093DTC2
KtrmEndpointCid :
OleTxEndpointCid : ab8eacbf-7b9e-45a5-b61d-b42194d492ea
Status       : Started
UisEndpointCid : bf1986e4-7c9f-455b-beba-4b8f9fb431ad
VirtualServerName : Contoso093DTC2
XAEndpointCid  : 2833ac93-f291-4fa2-b413-a7b67f7529c1
```

This command gets a DTC instance. The command does not specify the DtcName parameter, so the cmdlet gets the local instance.

----- Example 2: Get the local DTC instance -----

```
PS C:\> Get-Dtc -DtcName "Local"
```

```
DtcName      : Local  
KtrmEndpointCid : b6628c9f-46ff-404d-a0fa-62657cb828af  
OleTxEndpointCid : f3027ea1-4ee5-45b5-a01c-06f41221111b  
Status       : Started  
UisEndpointCid : e9385758-8092-4dd7-8b09-587aa427a58e  
VirtualServerName : Contoso093  
XAEndpointCid  : ced49d85-82a9-49d9-a6ee-8c5b4bd7b5bd
```

This command gets the local DTC instance.

REMARKS

To see the examples, type: "get-help Get-Dtc -examples".

For more information, type: "get-help Get-Dtc -detailed".

For technical information, type: "get-help Get-Dtc -full".

For online help, type: "get-help Get-Dtc -online"