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Windows PowerShell Get-Help on Cmdlet 'Stop-Dtc'

PS:\>Get-HELP Stop-Dtc -Full

NAME

Stop-Dtc

SYNOPSIS

Stops a DTC instance.

SYNTAX

```
Stop-Dtc [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-DtcName <String>] [-Recursive] [-ThrottleLimit <Int32>]  
[-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Stop-Dtc cmdlet stops the Distributed Transaction Coordinator (DTC) instance that the DtcName parameter specifies.

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

-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

-DtcName <String>

Specifies the DTC instance to stop. If you do not specify this parameter, or if you specify a value of Local, this cmdlet stops the local DTC instance.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Recursive [<SwitchParameter>]

Indicates that the cmdlet stops any services that rely on the specified DTC instance, such as Microsoft SQL Server.

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 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

-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

OUTPUTS

NOTES

----- Example 1: Stop a local DTC instance -----

This command uses the **Get-Dtc** cmdlet to view the status of the local DTC instance.

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

```
__GENUS      : 2
```

```
__CLASS     : DtcInstance
```

```
__SUPERCLASS  : 
__DYNASTY     : DtclInstance
__RELPATH     : 
__PROPERTY_COUNT : 7
__DERIVATION   : {}
__SERVER      : 
__NAMESPACE   : 
__PATH        : 
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 stops the local DTC instance. The first command shows that the instance is started, and, therefore, it is safe to stop that instance.

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

This command uses **Get-Dtc**, again, to confirm that the DTC instance is stopped.

```
PS C:\> Get-Dtc -DtcName "Local"
__GENUS       : 2
__CLASS      : DtclInstance
__SUPERCLASS  : 
__DYNASTY    : DtclInstance
__RELPATH    : 
__PROPERTY_COUNT : 7
__DERIVATION  : {}
__SERVER     : 
__NAMESPACE   : 
__PATH       : 
DtcName      : Local
```

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

This example stops the local DTC instance. To stop a different instance, specify a different value for the `DtcName` parameter.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/msdtc/stop-dtc?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

[Get-Dtc](#)
[Install-Dtc](#)
[Start-Dtc](#)
[Test-Dtc](#)
[Uninstall-Dtc](#)