



python



PowerShell

FPDF Library
PDF generator

Full credit is given to the above companies including the OS that this PDF file was generated!

PowerShell Get-Help on command 'Stop-Dtc'

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

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>).

`-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.

`-Confirm [<SwitchParameter>]`

Prompts you for confirmation before running the cmdlet.

`-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.

`-Recursive [<SwitchParameter>]`

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

`-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.

`-WhatIf [<SwitchParameter>]`

Shows what would happen if the cmdlet runs. The cmdlet is not run.

`<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: 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    : DtcInstance
__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 : DtcInstance
```

```
__SUPERCLASS :
```

```
__DYNASTY : DtcInstance
```

```
__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.

REMARKS

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

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

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

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