



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 'Set-DtcNetworkSetting'

PS C:\Users\wahid> Get-Help Set-DtcNetworkSetting

NAME

Set-DtcNetworkSetting

SYNOPSIS

Modifies DTC network and security configuration for a DTC instance.

SYNTAX

```
Set-DtcNetworkSetting [-AsJob] [-AuthenticationLevel {NoAuth | Incoming | Mutual}] [-CimSession <CimSession[]>] [-Confirm] [-DtcName <String>] [-InboundTransactionsEnabled <Boolean>] [-LUTransactionsEnabled <Boolean>] [-OutboundTransactionsEnabled <Boolean>] [-RemoteAdministrationAccessEnabled <Boolean>] [-RemoteClientAccessEnabled <Boolean>] [-ThrottleLimit <Int32>] [-WhatIf] [-XATransactionsEnabled <Boolean>] [<CommonParameters>]
```

```
Set-DtcNetworkSetting [-AsJob] [-CimSession <CimSession[]>] [-Confirm] [-DisableNetworkAccess [-DtcName <String>] [-ThrottleLimit <Int32>] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Set-DtcNetworkSetting cmdlet modifies the Distributed Transaction Coordinator (DTC) network and security configuration for the DTC instance specified by the DtcName parameter. This cmdlet also restarts the 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>).

-AuthenticationLevel <String>

Sets the network authentication level of the DTC instance to NoAuth, Incoming, or Mutual.

-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.

-DisableNetworkAccess [<SwitchParameter>]

Specifies whether to disable network access for the DTC instance.

-DtcName <String>

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

-InboundTransactionsEnabled <Boolean>

Indicates whether to enable inbound transactions to the DTC instance.

-LUTransactionsEnabled <Boolean>

Indicates whether to enable LU transactions in the DTC instance.

-OutboundTransactionsEnabled <Boolean>

Indicates whether to enable outbound transactions from the DTC instance.

-RemoteAdministrationAccessEnabled <Boolean>

Indicates whether to enable remote administration access for the DTC instance.

-RemoteClientAccessEnabled <Boolean>

Indicates whether to enable remote client access for the DTC instance.

-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.

-WhatIf [<SwitchParameter>]

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

-XATransactionsEnabled <Boolean>

Indicates whether to enable XA transactions in the DTC instance.

<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: Modify network and security settings -----

```
PS C:\> Set-DtcNetworkSetting -DtcName "Local" -AuthenticationLevel "Incoming"
```

```
-InboundTransactionsEnabled $False
```

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

```
__GENUS           : 2
__CLASS           : DtcNetworkSettings
__SUPERCLASS     :
__DYNASTY        : DtcNetworkSettings
__RELPATH        :
__PROPERTY_COUNT : 7
__DERIVATION     : {}
__SERVER         :
__NAMESPACE     :
__PATH           :
AuthenticationLevel : Mutual
InboundTransactionsEnabled : True
LUTransactionsEnabled : True
OutboundTransactionsEnabled : True
RemoteAdministrationAccessEnabled : True
RemoteClientAccessEnabled : True
XATransactionsEnabled : True
```

The first command modifies the DTC network and security settings for the local DTC instance. The second command verifies the changes.

REMARKS

To see the examples, type: "get-help Set-DtcNetworkSetting -examples".

For more information, type: "get-help Set-DtcNetworkSetting -detailed".

For technical information, type: "get-help Set-DtcNetworkSetting -full".

For online help, type: "get-help Set-DtcNetworkSetting -online"