



Windows PowerShell Get-Help on Cmdlet 'Set-AzSqlInstanceDtc'

PS:\>Get-HELP Set-AzSqlInstanceDtc -Full

NAME

Set-AzSqlInstanceDtc

SYNOPSIS

Sets properties for an Azure SQL Managed Instance DTC

SYNTAX

```

Set-AzSqlInstanceDtc [-InputObject]
<Microsoft.Azure.Commands.Sql.ManagedInstanceDtc.Model.AzureSqlManagedInstanceDtcModel> [[-DtcEnabled]
[System.Nullable`1[System.Boolean]>] [[-ExternalDnsSuffixSearchList]
<System.Collections.Generic.List`1[System.String]>] [-AllowInboundEnabled]
[System.Nullable`1[System.Boolean]>] [-AllowOutboundEnabled] <System.Nullable`1[System.Boolean]>] [-AsJob]
[-Authentication <System.String>] [-DefaultProfile]
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force]
[-SnaLu6point2TransactionsEnabled]
[System.Nullable`1[System.Boolean]>] [-XaTransactionsDefaultTimeout] <System.Nullable`1[System.Int32]>]
[-XaTransactionsEnabled] <System.Nullable`1[System.Boolean]>]
[-XaTransactionsMaximumTimeout] <System.Nullable`1[System.Int32]>] [-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Set-AzSqlInstanceDtc [-ResourceGroupName] <System.String> [-InstanceName] <System.String> [[-DtcEnabled]
<System.Nullable`1[System.Boolean]>]
    [[-ExternalDnsSuffixSearchList] <System.Collections.Generic.List`1[System.String]>] [-AllowInboundEnabled
<System.Nullable`1[System.Boolean]>] [-AllowOutboundEnabled
<System.Nullable`1[System.Boolean]>] [-AsJob] [-Authentication <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force]
[-SnaLu6point2TransactionsEnabled
<System.Nullable`1[System.Boolean]>] [-XaTransactionsDefaultTimeout <System.Nullable`1[System.Int32]>]
[-XaTransactionsEnabled <System.Nullable`1[System.Boolean]>]
[-XaTransactionsMaximumTimeout <System.Nullable`1[System.Int32]>] [-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Set-AzSqlInstanceDtc [-InstanceObject]
<Microsoft.Azure.Commands.Sql.ManagedInstance.Model.AzureSqlManagedInstanceModel> [[-DtcEnabled]
<System.Nullable`1[System.Boolean]>] [[-ExternalDnsSuffixSearchList]
<System.Collections.Generic.List`1[System.String]>] [-AllowInboundEnabled
<System.Nullable`1[System.Boolean]>] [-AllowOutboundEnabled <System.Nullable`1[System.Boolean]>] [-AsJob]
[-Authentication <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force]
[-SnaLu6point2TransactionsEnabled
<System.Nullable`1[System.Boolean]>] [-XaTransactionsDefaultTimeout <System.Nullable`1[System.Int32]>]
[-XaTransactionsEnabled <System.Nullable`1[System.Boolean]>]
[-XaTransactionsMaximumTimeout <System.Nullable`1[System.Int32]>] [-Confirm] [-WhatIf] [<CommonParameters>]

```

```

Set-AzSqlInstanceDtc [-ResourceId] <System.String> [[-DtcEnabled] <System.Nullable`1[System.Boolean]>]
[[ExternalDnsSuffixSearchList]
<System.Collections.Generic.List`1[System.String]>] [-AllowInboundEnabled <System.Nullable`1[System.Boolean]>]
[-AllowOutboundEnabled
<System.Nullable`1[System.Boolean]>] [-AsJob] [-Authentication <System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force]
[-SnaLu6point2TransactionsEnabled
<System.Nullable`1[System.Boolean]>] [-XaTransactionsDefaultTimeout <System.Nullable`1[System.Int32]>]
[-XaTransactionsEnabled <System.Nullable`1[System.Boolean]>]
[-XaTransactionsMaximumTimeout <System.Nullable`1[System.Int32]>] [-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The Set-AzSqlInstanceDtc cmdlet modifies properties of an Azure SQL Managed instance DTC.

PARAMETERS

-AllowInboundEnabled <System.Nullable`1[System.Boolean]>

Enable inbound traffic.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AllowOutboundEnabled <System.Nullable`1[System.Boolean]>

Enable outbound traffic.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Authentication <System.String>

Authentication type.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

The credentials, account, tenant, and subscription used for communication with Azure.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DtcEnabled <System.Nullable`1[System.Boolean]>

DTC enabled status.

Required? false

Position? 2

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ExternalDnsSuffixSearchList <System.Collections.Generic.List`1[System.String]>

External DNS suffix search list.

Required? false

Position? 3

Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Force <System.Management.Automation.SwitchParameter>

Skip confirmation message for performing the action.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-InputObject <Microsoft.Azure.Commands.Sql.ManagedInstanceDtc.Model.AzureSqlManagedInstanceDtcModel>

Input object of the managed instance DTC.

Required? true
Position? 0
Default value None
Accept pipeline input? True (ByValue)
Accept wildcard characters? false

-InstanceName <System.String>

Name of the managed instance.

Required? true
Position? 1
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-InstanceObject <Microsoft.Azure.Commands.Sql.ManagedInstance.Model.AzureSqlManagedInstanceModel>

Input object of the managed instance.

Required? true
Position? 0
Default value None
Accept pipeline input? True (ByValue)
Accept wildcard characters? false

-ResourceGroupName <System.String>

Name of the resource group.

Required? true
Position? 0
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-ResourceId <System.String>

Resource ID of the managed instance DTC.

Required? true
Position? 0
Default value None
Accept pipeline input? True (ByValue)
Accept wildcard characters? false

-SnaLu6point2TransactionsEnabled <System.Nullable`1[System.Boolean]>

SNA LU 6.2 transactions enabled status.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-XaTransactionsDefaultTimeout <System.Nullable`1[System.Int32]>

XA transactions default timeout.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-XaTransactionsEnabled <System.Nullable`1[System.Boolean]>

XA transactions enabled status.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-XaTransactionsMaximumTimeout <System.Nullable`1[System.Int32]>

XA transactions maximum timeout.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required? false

Position? named

Default value False
Accept pipeline input? False
Accept wildcard characters? false

-WhatIf <System.Management.Automation.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

Microsoft.Azure.Commands.Sql.ManagedInstance.Model.AzureSqlManagedInstanceModel

Microsoft.Azure.Commands.Sql.ManagedInstanceDtc.Model.AzureSqlManagedInstanceDtcModel

System.String

OUTPUTS

Microsoft.Azure.Commands.Sql.ManagedInstanceDtc.Model.AzureSqlManagedInstanceDtcModel

NOTES

----- Example 1 Enable DTC for a managed instance -----

```
Set-AzSqlInstanceDtc -ResourceGroupName ResourceGroup1 -InstanceName ManagedInstance1 -DtcEnabled $true
```

ResourceGroupName : ResourceGroup1

ManagedInstanceName : ManagedInstance1

Id :

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/ResourceGroup1/providers/Microsoft.Sql/managedInstances/ManagedInstance1/dtc/current

DtcEnabled : True

DtcHostNameDnsSuffix : suffix1.net

DtcHostName : name1.suffix1.net

ExternalDnsSuffixSearchList : {suffix1.net}

SecuritySettings : Microsoft.Azure.Management.Sql.Models.ManagedInstanceDtcSecuritySettings

This command enables managed instance DTC for the managed instance ManagedInstance1.

----- Example 2 Enable XA transactions for DTC -----

```
$dtc = Set-AzSqlInstanceDtc -ResourceGroupName ResourceGroup1 -InstanceName ManagedInstance1  
-XaTransactionsEnabled $true  
Write-Output $dtc.SecuritySettings
```

Microsoft.Azure.Management.Sql.Models.ManagedInstanceDtcTransactionManagerCommunicationSettings

XaTransactionsEnabled : True
SnaLu6point2TransactionsEnabled : True
XaTransactionsDefaultTimeout : 0
XaTransactionsMaximumTimeout : 0

This command enables XA transactions for managed instance DTC

Example 3 Enable DTC for a previously fetched managed instance

```
$managedInstance = Get-AzSqlInstance -ResourceGroupName ResourceGroup1 -InstanceName ManagedInstance1  
Set-AzSqlInstanceDtc -InstanceObject $managedInstance
```

ResourceGroupName : ResourceGroup1
ManagedInstanceName : ManagedInstance1
Id :

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/ResourceGroup1/providers/Microsoft.Sql/managedInstances/ManagedInstance1/dtc/current

DtcEnabled : True
DtcHostNameDnsSuffix : suffix1.net
DtcHostName : name1.suffix1.net
ExternalDnsSuffixSearchList : {suffix1.net}
SecuritySettings : Microsoft.Azure.Management.Sql.Models.ManagedInstanceDtcSecuritySettings

This command enables managed instance DTC by passing managed instance object.

Example 4 Enable XA transactions for a previously fetched DTC object

```
$dtc = Get-AzSqlInstanceDtc -ResourceGroupName ResourceGroup1 -InstanceName ManagedInstance1  
$dtc = Set-AzSqlInstanceDtc -InputObject $dtc -DtcEnabled $true
```

Write-Output \$dtc.SecuritySettings

TransactionManagerCommunicationSettings :

Microsoft.Azure.Management.Sql.Models.ManagedInstanceDtcTransactionManagerCommunicationSettings

XaTransactionsEnabled : True

SnaLu6point2TransactionsEnabled : True

XaTransactionsDefaultTimeout : 0

XaTransactionsMaximumTimeout : 0

This command enables XA transactions for DTC by passing DTC object.

----- Example 5 Enable DTC with a specific resource ID -----

Set-AzSqlInstanceDtc -ResourceId

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/ResourceGroup1/providers/Microsoft.Sql/managedInstances/ManagedInstance1/dtc/current -DtcEnabled

\$true

ResourceGroupName : ResourceGroup1

ManagedInstanceName : ManagedInstance1

Id :

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/ResourceGroup1/providers/Microsoft.Sql/managedInstances/ManagedInstance1/dtc/current

DtcEnabled : True

DtcHostNameDnsSuffix : suffix1.net

DtcHostName : name1.suffix1.net

ExternalDnsSuffixSearchList : {suffix1.net}

SecuritySettings : Microsoft.Azure.Management.Sql.Models.ManagedInstanceDtcSecuritySettings

This command enables managed instance DTC by passing the resource ID of the DTC.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.sql/set-azsqlinstancedtc>

Get-AzSqlInstanceDtc

SQL

Managed

Instance

DTC

Documentation

<https://learn.microsoft.com/en-us/azure/azure-sql/managed-instance/distributed-transaction-coordinator-dtc?view=azuresql>