



Windows PowerShell Get-Help on Cmdlet 'Update-AzSqlInstanceLink'

PS:\>Get-HELP Update-AzSqlInstanceLink -Full

NAME

Update-AzSqlInstanceLink

SYNOPSIS

Updates the properties of an instance link.

SYNTAX

```

Update-AzSqlInstanceLink [-InputObject]
<Microsoft.Azure.Commands.Sql.ManagedInstanceHybridLink.Model.AzureSqlManagedInstanceLinkModel>
[[-ReplicationMode]
<System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Confirm] [-WhatIf]
[<CommonParameters>]

```

```

Update-AzSqlInstanceLink [-ResourceGroupName] <System.String> [-InstanceName] <System.String> [-Name]
<System.String> [-ReplicationMode] <System.String>
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-Confirm] [-WhatIf] [<CommonParameters>]

```

```
<Microsoft.Azure.Commands.Sql.ManagedInstance.Model.AzureSqlManagedInstanceModel> [-Name] <System.String>
                                     [-ReplicationMode]                <System.String>                [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

```
Update-AzSqlInstanceLink [-ResourceId] <System.String> [-ReplicationMode] <System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

DESCRIPTION

Update-AzSqlInstanceLink cmdlet modifies properties of an instance link.

PARAMETERS

-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

-InputObject <Microsoft.Azure.Commands.Sql.ManagedInstanceHybridLink.Model.AzureSqlManagedInstanceLinkModel>

Instance link input object.

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

-InstanceName <System.String>

Name of Azure SQL 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>

Instance input object.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Name <System.String>

Name of the instance link.

Required? true

Position? 2

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ReplicationMode <System.String>

Replication mode value. Possible values include 'Sync' and 'Async'.

Required? true

Position? 3

Default value None
Accept pipeline input? False
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>

The instance link resource ID.

Required? true
Position? 0
Default value None
Accept pipeline input? True (ByPropertyName)
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

System.String

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

Microsoft.Azure.Commands.Sql.ManagedInstanceHybridLink.Model.AzureSqlManagedInstanceLinkModel

OUTPUTS

Microsoft.Azure.Commands.Sql.ManagedInstanceHybridLink.Model.AzureSqlManagedInstanceLinkModel

NOTES

- Example 1: Set replication mode of an instance link to Sync -

```
Update-AzSqlInstanceLink -ResourceGroupName "ResourceGroup1" -InstanceName "ManagedInstance01" -Name "Link01" -ReplicationMode "Sync"
```

```
ResourceGroupName      : ResourceGroup01
InstanceName           : ManagedInstance01
Type                   : Microsoft.Sql/managedInstances/distributedAvailabilityGroups
Id                     :
/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/ResourceGroup01/providers/Microsoft.Sql/managedI
nstances/ManagedIns
tance01/distributedAvailabilityGroups/Link01
Name                   : Link01
TargetDatabase         : Database01
SourceEndpoint         : TCP://SERVER01:5022
PrimaryAvailabilityGroupName :
SecondaryAvailabilityGroupName :
ReplicationMode        : Sync
DistributedAvailabilityGroupId : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx
SourceReplicaId        : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx
TargetReplicaId        : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx
LinkState              : Copying
LastHardenedLsn        :
```

This command sets the replication mode of an instance link to "Sync".

- Example 2: Set replication mode of an instance link to Async -

```
Update-AzSqlInstanceLink -ResourceGroupName "ResourceGroup1" -InstanceName "ManagedInstance01" -Name "Link01" -ReplicationMode "Async"
```

ResourceGroupName : ResourceGroup01

InstanceName : ManagedInstance01

Type : Microsoft.Sql/managedInstances/distributedAvailabilityGroups

Id :

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/ResourceGroup01/providers/Microsoft.Sql/managedInstances/ManagedIns

tance01/distributedAvailabilityGroups/Link01

Name : Link01

TargetDatabase : Database01

SourceEndpoint : TCP://SERVER01:5022

PrimaryAvailabilityGroupName :

SecondaryAvailabilityGroupName :

ReplicationMode : Async

DistributedAvailabilityGroupId : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

SourceReplicaId : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

TargetReplicaId : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

LinkState : Copying

LastHardenedLsn :

This command sets the replication mode of an instance link to "Aync".

Example 3: Set replication mode of an instance link by its resource identifier

Update-AzSqlInstanceLink -ResourceId

"/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/resourcegroup01/providers/Microsoft.Sql/managedInstances/Manag

edInstance01/distributedAvailabilityGroups/Link01" -ReplicationMode "Async"

ResourceGroupName : ResourceGroup01

InstanceName : ManagedInstance01

Type : Microsoft.Sql/managedInstances/distributedAvailabilityGroups

Id : Page 7/11 :

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/ResourceGroup01/providers/Microsoft.Sql/managedInstances/ManagedIns

tance01/distributedAvailabilityGroups/Link01

Name : Link01

TargetDatabase : Database01

SourceEndpoint : TCP://SERVER01:5022

PrimaryAvailabilityGroupName :

SecondaryAvailabilityGroupName :

ReplicationMode : Async

DistributedAvailabilityGroupId : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

SourceReplicaId : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

TargetReplicaId : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

LinkState : Copying

LastHardenedLsn :

This command sets the replication mode of an instance link to "Sync" by its resource identifier.

Example 4: Set replication mode of instance link by its PowerShell object

```
$managedInstanceLink = Get-AzSqlInstanceLink -ResourceGroupName "ResourceGroup01" -InstanceName "ManagedInstance01" -Name "Link01"
```

```
Update-AzSqlInstanceLink -InputObject $managedInstanceLink -ReplicationMode "Async"
```

ResourceGroupName : ResourceGroup01

InstanceName : ManagedInstance01

Type : Microsoft.Sql/managedInstances/distributedAvailabilityGroups

Id :

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/ResourceGroup01/providers/Microsoft.Sql/managedInstances/ManagedIns

tance01/distributedAvailabilityGroups/Link01

Name : Link01

TargetDatabase : Database01

SourceEndpoint : TCP://SERVER01:5022

PrimaryAvailabilityGroupName :

SecondaryAvailabilityGroupName :

ReplicationMode : Async

DistributedAvailabilityGroupId : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

SourceReplicaId : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

TargetReplicaId : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

LinkState : Copying

LastHardenedLsn :

This command sets the replication mode of an instance link to "Async" using the input object.

Example 5: Set replication mode of instance link by mutating its object

```
$managedInstanceLink = Get-AzSqlInstanceLink -ResourceGroupName "ResourceGroup01" -InstanceName
"ManagedInstance01" -Name "Link01"

$managedInstanceLink.ReplicationMode = "Async"

Update-AzSqlInstanceLink -InputObject $managedInstanceLink
```

ResourceGroupName : ResourceGroup01

InstanceName : ManagedInstance01

Type : Microsoft.Sql/managedInstances/distributedAvailabilityGroups

Id :

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/ResourceGroup01/providers/Microsoft.Sql/managedI

nstances/ManagedIns

tance01/distributedAvailabilityGroups/Link01

Name : Link01

TargetDatabase : Database01

SourceEndpoint : TCP://SERVER01:5022

PrimaryAvailabilityGroupName :

SecondaryAvailabilityGroupName :

ReplicationMode : Async

DistributedAvailabilityGroupId : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx
SourceReplicaId : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx
TargetReplicaId : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx
LinkState : Copying
LastHardenedLsn :

This command sets the instance link using input object.

Example 6: Set replication mode of an instance link by its parent instance object

```
$instance = Get-AzSqlInstance -ResourceGroupName "ResourceGroup01" -Name "ManagedInstance01"  
Update-AzSqlInstanceLink -InstanceObject $instance -Name "Link01" -ReplicationMode "Async"
```

ResourceGroupName : ResourceGroup01
InstanceName : ManagedInstance01
Type : Microsoft.Sql/managedInstances/distributedAvailabilityGroups
Id :
/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx/resourceGroups/ResourceGroup01/providers/Microsoft.Sql/managedInstances/ManagedInstance01/distributedAvailabilityGroups/Link01
Name : Link01
TargetDatabase : Database01
SourceEndpoint : TCP://SERVER01:5022
PrimaryAvailabilityGroupName :
SecondaryAvailabilityGroupName :
ReplicationMode : Async
DistributedAvailabilityGroupId : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx
SourceReplicaId : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx
TargetReplicaId : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx
LinkState : Copying
LastHardenedLsn :

This command sets the replication mode of a instance link to "Async" using parent instance object.

RELATED LINKS

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

[Get-AzSqlInstanceLink](#)

[New-AzSqlInstanceLink](#)

[Remove-AzSqlInstanceLink](#)