



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

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

NAME

Remove-AzSqlInstanceLink

SYNOPSIS

Removes an instance link.

SYNTAX

```

Remove-AzSqlInstanceLink [-ResourceGroupName] <System.String> [-InstanceName] <System.String> [-Name]
<Microsoft.Azure.Commands.Sql.ManagedInstanceHybridLink.Model.AzureSqlManagedInstanceLinkModel> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force] [-PassThru]
[-Confirm] [-WhatIf] [<CommonParameters>]

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

```

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

Remove-AzSqlInstanceLink [-ResourceId] <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-Force] [-PassThru] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

Remove-AzSqlInstanceLink cmdlet drops an instance link. This command may cause data loss if the link is dropped and replica's LSNs are not synchronized with the primary, thus user must explicitly confirm the command when prompted, or use -Force parameter.

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

-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.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

-PassThru <System.Management.Automation.SwitchParameter>

Defines whether to return the removed instance link.

Required? false
Position? named
Default value False
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

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

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

System.String

OUTPUTS

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

NOTES

----- Example 1: Remove instance link -----

```
Remove-AzSqlInstanceLink -ResourceGroupName "ResourceGroup01" -InstanceName "ManagedInstance01" -Name  
"Link01"
```

This operation may cause data loss if replica's last hardened LSN is not in sync with the primary. Are you sure you want to proceed?

[Y] Yes [N] No [?] Help (default is "Y"): Y

This command removes the instance link "Link01" from the managed instance "ManagedInstance01".

- Example 2: Remove instance link with an explicit -Force flag -

```
Remove-AzSqlInstanceLink -ResourceGroupName "ResourceGroup01" -InstanceName "ManagedInstance01" -Name  
"Link01" -Force
```

This command forcefully removes the instance link "Link01" from the managed instance "ManagedInstance01", ignoring the data loss warning.

-- Example 3: Remove instance link by its resource identifier --

```
"/subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxx/resourceGroups/resourcegroup01/providers/Microsoft.Sql/managedInstances/ManagedInstance01/distributedAvailabilityGroups/Link01"
```

This operation may cause data loss if replica's last hardened LSN is not in sync with the primary. Are you sure you want to proceed?

[Y] Yes [N] No [?] Help (default is "Y"): Y

This command removes the instance link with specified resource ID.

--- Example 4: Remove instance link by its PowerShell object ---

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

This operation may cause data loss if replica's last hardened LSN is not in sync with the primary. Are you sure you want to proceed?

[Y] Yes [N] No [?] Help (default is "Y"): Y

This command removes the instance link specified by instance link object.

Example 5: Remove instance link by its parent instance object

```
$instance = Get-AzSqlInstance -ResourceGroupName "ResourceGroup01" -Name "ManagedInstance01"
Remove-AzSqlInstanceLink -InstanceObject $instance -Name "Link01"
```

This operation may cause data loss if replica's last hardened LSN is not in sync with the primary. Are you sure you want to proceed?

[Y] Yes [N] No [?] Help (default is "Y"): Y

This command removes the instance link "Link01" from the managed instance specified by the instance object.

- Example 6: Remove instance link using positional parameters -

```
Remove-AzSqlInstanceLink "ResourceGroup01" "ManagedInstance01" "Link01"
```

This operation may cause data loss if replica's last hardened LSN is not in sync with the primary. Are you sure you want to proceed?

[Y] Yes [N] No [?] Help (default is "Y"): Y

This command removes the instance link "Link01" from the managed instance "ManagedInstance01" using positional parameters.

Example 7: Remove all instance links from its parent instance by piping link objects

```
$instance = Get-AzSqlInstance -ResourceGroupName "ResourceGroup01" -Name "ManagedInstance01"
$instance | Get-AzSqlInstanceLink | Remove-AzSqlInstanceLink -Force
```

This command removes all instance links from the managed instance "ManagedInstance01".

Example 8: Remove instance link with an explicit -Force flag and output the deleted instance link object

```
Remove-AzSqlInstanceLink -ResourceGroupName "ResourceGroup01" -InstanceName "ManagedInstance01" -Name
"Link01" -Force -PassThru
```

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 removes an instance link from the managed instance "ManagedInstance01" and outputs the deleted instance link object.

RELATED LINKS

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

Get-AzSqlInstanceLink

New-AzSqlInstanceLink

Update-AzSqlInstanceLink