



Windows PowerShell Get-Help on Cmdlet 'Switch-AzSqlDatabaseInstanceFailoverGroup'

PS:\>Get-HELP Switch-AzSqlDatabaseInstanceFailoverGroup -Full

NAME

Switch-AzSqlDatabaseInstanceFailoverGroup

SYNOPSIS

Executes a failover of an Instance Failover Group.

SYNTAX

```
Switch-AzSqlDatabaseInstanceFailoverGroup [-InputObject]
<Microsoft.Azure.Commands.Sql.InstanceFailoverGroup.Model.AzureSqlInstanceFailoverGroupModel>
[-AllowDataLoss] [-DefaultProfile]
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer> [-Confirm] [-WhatIf]
[<CommonParameters>]
```

```
Switch-AzSqlDatabaseInstanceFailoverGroup [-ResourceGroupName] <System.String> [-Location] <System.String>
[-Name] <System.String> [-AllowDataLoss] [-DefaultProfile]
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer> [-Confirm] [-WhatIf]
[<CommonParameters>]
```

```
Switch-AzSqlDatabaseInstanceFailoverGroup [-ResourceId] <System.String> [-Location] <System.String>
```

[-AllowDataLoss] [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Confirm] [-WhatIf]

[<CommonParameters>]

DESCRIPTION

This command swaps the roles of the managed instances in a Instance Failover Group by failing over to the specified secondary region, making it the new primary

region. All new TDS sessions connecting to the primary endpoint are automatically re-routed to the new primary region.

PARAMETERS

-AllowDataLoss <System.Management.Automation.SwitchParameter>

Complete the failover even if doing so may result in data loss. This will allow the failover to proceed even if a primary database is unavailable.

Required?	false
Position?	named
Default value	False
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

-InputObject <Microsoft.Azure.Commands.Sql.InstanceFailoverGroup.Model.AzureSqlInstanceFailoverGroupModel>

The Instance Failover Group object to switch

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

-Location <System.String>

The name of the Local Region of the secondary instance in the Instance Failover Group.

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

-Name <System.String>

The name of the Instance Failover Group.

Required? true
Position? 2
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-ResourceGroupName <System.String>

The name of the resource group of the secondary instance in the Instance Failover Group.

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

-ResourceId <System.String>

The Resource ID of the Instance Failover Group to switch.

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.InstanceFailoverGroup.Model.AzureSqlInstanceFailoverGroupModel
System.String

OUTPUTS

Microsoft.Azure.Commands.Sql.InstanceFailoverGroup.Model.AzureSqlInstanceFailoverGroupModel

NOTES

----- Example 1 -----

Get-AzSqlDatabaseInstanceFailoverGroup -ResourceGroupName rg -Location location -Name fg |
Switch-AzSqlDatabaseInstanceFailoverGroup -AllowDataLoss

ResourceGroupName : rg
Location : East US
Name : fg
PartnerResourceGroupName : rg
PartnerRegion : West US
PrimaryManagedInstanceName : managedInstance1
PartnerManagedInstanceName : managedInstance2
ReplicationRole : Primary
ReplicationState : CATCH_UP
ReadWriteFailoverPolicy : Automatic
FailoverWithDataLossGracePeriodHours : 1
ReadOnlyFailoverPolicy : Disabled

Id :

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/rg/providers/Microsoft.Sql/locations/eastus/instanceF
ailoverGroups/fg

Issue a failover operation allowing data loss by piping in the Instance Failover Group.

----- Example 2 -----

Get-AzSqlDatabaseInstanceFailoverGroup -ResourceGroupName rg -Location location -Name fg |
Switch-AzSqlDatabaseInstanceFailoverGroup

ResourceGroupName : rg
Location : East US
Name : fg
PartnerResourceGroupName : rg
PartnerRegion : West US
PrimaryManagedInstanceName : managedInstance1
PartnerManagedInstanceName : managedInstance2
ReplicationRole : Primary
ReplicationState : CATCH_UP
ReadWriteFailoverPolicy : Automatic
FailoverWithDataLossGracePeriodHours : 1
ReadOnlyFailoverPolicy : Disabled
Id :

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/rg/providers/Microsoft.Sql/locations/eastus/instanceF
ailoverGroups/fg

Issue a best effort failover operation that will either succeed without losing data or fail and roll back.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/Az.sql/switch-AzsqlDatabaseInstanceFailoverGroup>