



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

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

NAME

Switch-AzSqlDatabaseFailoverGroup

SYNOPSIS

Executes a failover of an Azure SQL Database Failover Group.

SYNTAX

```
Switch-AzSqlDatabaseFailoverGroup [-ResourceGroupName] <System.String> [-ServerName] <System.String>
[[-FailoverGroupName] <System.String>] [-AllowDataLoss] [-AsJob]
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-TryPlannedBeforeForcedFailover] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

DESCRIPTION

This command swaps the roles of the servers in a Failover Group and switches all secondary databases to the primary role. All new TDS sessions are automatically

re-routed to the secondary server after the DNS client cache is refreshed. When the original primary server is back online, all formerly primary databases in it will

switch to the secondary role. The Failover Group's secondary server must be used to execute this command. If the AllowDataLoss parameter is not specified, this

command waits until both roles are switched. If the AllowDataLoss parameter is specified, the command only waits until the new primary assumes its role.

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

-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

-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

-FailoverGroupName <System.String>

The name of the Azure SQL Database Failover Group.

Required? false

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceGroupName <System.String>

The name of the resource group.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ServerName <System.String>

The name of the secondary Azure SQL Database Server of the Failover Group.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-TryPlannedBeforeForcedFailover <System.Management.Automation.SwitchParameter>

Performs planned failover as first step and if it fails for any reason than forced failover with potential data loss is initiated. 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

-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

OUTPUTS

Microsoft.Azure.Commands.Sql.FailoverGroup.Model.AzureSqlFailoverGroupModel

NOTES

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

```
Get-AzSqlDatabaseFailoverGroup -ResourceGroupName rg -ServerName secondaryserver -FailoverGroupName fg |  
Switch-AzSqlDatabaseFailoverGroup -AllowDataLoss
```

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

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

```
Switch-AzSqlDatabaseFailoverGroup -ResourceGroupName rg -ServerName secondaryserver -FailoverGroupName 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-azsqldatabasefailovergroup>

New-AzSqlDatabaseFailoverGroup

Set-AzSqlDatabaseFailoverGroup

Get-AzSqlDatabaseFailoverGroup

Add-AzSqlDatabaseToFailoverGroup

Remove-AzSqlDatabaseFromFailoverGroup

Remove-AzSqlDatabaseFailoverGroup

SQL Database Documentation <https://learn.microsoft.com/azure/sql-database/>