



Windows PowerShell Get-Help on Cmdlet 'Get-AzSqlServerServiceObjective'

PS:\>Get-HELP Get-AzSqlServerServiceObjective -Full

NAME

Get-AzSqlServerServiceObjective

SYNOPSIS

Gets service objectives for an Azure SQL Database server.

SYNTAX

```
Get-AzSqlServerServiceObjective [[-ServiceObjectiveName] <System.String>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Location
    <System.String> [-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Get-AzSqlServerServiceObjective [-ResourceGroupName] <System.String> [-ServerName] <System.String>
    [[-ServiceObjectiveName] <System.String>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Confirm] [-WhatIf]
    [<CommonParameters>]
```

DESCRIPTION

The Get-AzSqlServerServiceObjective cmdlet gets the available service objectives for an Azure SQL Database server.

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

-Location <System.String>

The name of the Location for which to get the service objectives.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of a resource group. This cmdlet gets service objectives for a SQL Database server assigned to this resource.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ServerName <System.String>

Specifies the name of a SQL Database SQL Database server.

Required?	true
Position?	1
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

-ServiceObjectiveName <System.String>

Specifies the name of a service objective for an Azure SQL Database server. The acceptable values for this parameter are: Basic, S0, S1, S2, P1, P2, and P3.

Required?	false
Position?	2
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	true

-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.ServiceObjective.Model.AzureSqlServerServiceObjectiveModel

NOTES

----- Example 1: Get service objectives -----

Get-AzSqlServerServiceObjective -ResourceGroupName "ResourceGroup01" -ServerName "Server01"

serviceObjectiveName	SkuName	Edition	Family	Capacity	CapacityUnit	Enabled
-----	-----	-----	-----	-----	-----	-----
System	System	System	0	DTU	False	
Free	Free	Free	5	DTU	True	
Basic	Basic	Basic	5	DTU	True	
S0	Standard	Standard	10	DTU	True	

S1	Standard	Standard	20	DTU	True
P1	Premium	Premium	125	DTU	True
P2	Premium	Premium	250	DTU	True
DW100c	DataWarehouse	DataWarehouse	900	DTU	False
GP_Gen4_1	GP_Gen4	GeneralPurpose	Gen4 1	VCores	True
GP_Gen5_2	GP_Gen5	GeneralPurpose	Gen5 2	VCores	True
BC_Gen4_1	BC_Gen4	BusinessCritical	Gen4 1	VCores	True
BC_Gen5_4	BC_Gen5	BusinessCritical	Gen5 4	VCores	True

This command gets the service objectives for the server named Server01.

----- Example 2: Get service objectives using filtering -----

```
Get-AzSqlServerServiceObjective -ResourceGroupName "ResourceGroup01" -ServerName "Server01"
-ServiceObjectiveName "P*"
```

ServiceObjectiveName	SkuName	Edition	Family	Capacity	CapacityUnit	Enabled
-----	-----	-----	-----	-----	-----	-----
P1	Premium	Premium	125	DTU	True	
P2	Premium	Premium	250	DTU	True	

This command gets the service objectives for the server named Server01 that start with "System".

----- Example 3: Get service objectives for a location -----

```
Get-AzSqlServerServiceObjective -Location "west us"
```

serviceObjectiveName	SkuName	Edition	Family	Capacity	CapacityUnit	Enabled
-----	-----	-----	-----	-----	-----	-----
System	System	System	0	DTU	False	
Free	Free	Free	5	DTU	True	

Basic	Basic	Basic	5	DTU	True	
S0	Standard	Standard	10	DTU	True	
S1	Standard	Standard	20	DTU	True	
P1	Premium	Premium	125	DTU	True	
P2	Premium	Premium	250	DTU	True	
DW100c	DataWarehouse	DataWarehouse	900	DTU	False	
GP_Gen4_1	GP_Gen4	GeneralPurpose	Gen4 1	VCores	True	
GP_Gen5_2	GP_Gen5	GeneralPurpose	Gen5 2	VCores	True	
BC_Gen4_1	BC_Gen4	BusinessCritical	Gen4 1	VCores	True	
BC_Gen5_4	BC_Gen5	BusinessCritical	Gen5 4	VCores	True	

This command gets the service objectives for a specified Azure region.

RELATED LINKS

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

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