



Windows PowerShell Get-Help on Cmdlet 'Set-AzSqlElasticPool'

PS:\>Get-HELP Set-AzSqlElasticPool -Full

NAME

Set-AzSqlElasticPool

SYNOPSIS

Modifies properties of an elastic database pool in Azure SQL Database.

SYNTAX

```
Set-AzSqlElasticPool [-ResourceGroupName] <System.String> [-ServerName] <System.String> [-ElasticPoolName]
<System.String> [-AsJob] [-ComputeGeneration
<System.String>] [-DatabaseVCoreMax <System.Double>] [-DatabaseVCoreMin <System.Double>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Edition
<System.String>] [-HighAvailabilityReplicaCount <System.Int32>]
[-LicenseType <System.String>] [-MaintenanceConfigurationId <System.String>] [-PreferredEnclaveType
<System.String>] [-StorageMB <System.Int32>] [-Tags
<System.Collections.Hashtable>] [-VCore <System.Int32>] [-ZoneRedundant] [-Confirm] [-WhatIf]
[<CommonParameters>]
```

```
Set-AzSqlElasticPool [-ResourceGroupName] <System.String> [-ServerName] <System.String> [-ElasticPoolName]
<System.String> [-AsJob] [-DatabaseDtuMax <System.Int32>]
```

[-DatabaseDtuMin <System.Int32>] [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Dtu <System.Int32>]

[-Edition <System.String>] [-HighAvailabilityReplicaCount <System.Int32>] [-LicenseType <System.String>]

[-MaintenanceConfigurationId <System.String>]

[-PreferredEnclaveType <System.String>] [-StorageMB <System.Int32>] [-Tags <System.Collections.Hashtable>]

[-ZoneRedundant] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Set-AzSqlElasticPool cmdlet sets properties for an elastic pool in Azure SQL Database. This cmdlet can modify the eDTUs per pool (Dtu), storage max size per

pool (StorageMB), maximum eDTUs per database (DatabaseDtuMax), and minimum eDTUs per database (DatabaseDtuMin). Several parameters (-Dtu, -DatabaseDtuMin, and

-DatabaseDtuMax) require the value being set is from the list of valid values for that parameter. For example, -DatabaseDtuMax for a Standard 100 eDTU pool can only

be set to 10, 20, 50, or 100. For details about which values are valid, see the table for your specific size pool in elastic pools

(<https://learn.microsoft.com/azure/sql-database/sql-database-elastic-pool>).

PARAMETERS

-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

-ComputeGeneration <System.String>

The compute generation to assign.

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

-DatabaseDtuMax <System.Int32>

Specifies the maximum number of DTUs that any single database in the pool can consume. For details about which values are valid, see the table for your specific

size pool in elastic pools (<https://learn.microsoft.com/azure/sql-database/sql-database-elastic-pool>). The default values for different editions are as follows: -

Basic. 5 DTUs

- Standard. 100 DTUs

- Premium. 125 DTUs

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

-DatabaseDtuMin <System.Int32>

Specifies the minimum number of DTUs that the elastic pool guarantees to all the databases in the pool. For details about which values are valid, see the table

for your specific size pool in elastic pools (<https://learn.microsoft.com/azure/sql-database/sql-database-elastic-pool>). The default value is zero (0).

Required?	false
Position?	named
Default value	None
Accept pipeline input?	False

Accept wildcard characters? false

-DatabaseVCoreMax <System.Double>

The maximum VCore number any SqlAzure Database can consume in the pool.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DatabaseVCoreMin <System.Double>

The minimum VCore number any SqlAzure Database can consume in the pool.

Required? false

Position? named

Default value None

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

-Dtu <System.Int32>

Specifies the total number of shared DTUs for the elastic pool. For details about which values are valid, see the table for your specific size pool in elastic

pools (<https://learn.microsoft.com/azure/sql-database/sql-database-elastic-pool>). The default values for different

editions are as follows: - Basic. 100 DTUs

- Standard. 100 DTUs

- Premium. 125 DTUs

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Edition <System.String>

Specifies the edition of the Azure SQL Database for the elastic pool. You cannot change the edition. The acceptable values for this parameter are: - None

- Basic

- Standard

- Premium

- DataWarehouse

- Free

- Stretch

- GeneralPurpose

- BusinessCritical

Required? false

Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-ElasticPoolName <System.String>

Specifies the name of the elastic pool.

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

-HighAvailabilityReplicaCount <System.Int32>

The total number of high availability replicas associated with the elastic pool.

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

-LicenseType <System.String>

The license type for the Azure Sql database.

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

-MaintenanceConfigurationId <System.String>

The Maintenance configuration id for the SQL Elastic Pool.

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

-PreferredEnclaveType <System.String>

The preferred enclave type for the Azure SQL Elastic Pool. Possible values are Default and VBS.

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

-ResourceGroupName <System.String>

Specifies the name of the resource group to which the elastic pool is assigned.

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

-ServerName <System.String>

Specifies the name of the server that hosts the elastic pool.

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

Accept wildcard characters? false

-StorageMB <System.Int32>

Specifies the storage limit, in megabytes, for the elastic pool. For more information, see the New-AzSqlElasticPool cmdlet.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Tags <System.Collections.Hashtable>

Specifies a dictionary of Key-value pairs that this cmdlet associates with the elastic pool in the form of a hash table. For example: @{key0="value0";key

1="\$null;key2="value2"}`

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-VCore <System.Int32>

The total shared number of Vcore for the Sql Azure Elastic Pool.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ZoneRedundant <System.Management.Automation.SwitchParameter>

The zone redundancy to associate with the Azure Sql Elastic Pool

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>).

System.String

OUTPUTS

Microsoft.Azure.Commands.Sql.ElasticPool.Model.AzureSqlElasticPoolModel

NOTES

----- Example 1: Modify properties for an elastic pool -----

```
Set-AzSqlElasticPool -ResourceGroupName "ResourceGroup01" -ServerName "Server01" -ElasticPoolName  
"ElasticPool01" -Dtu 1000 -DatabaseDtuMax 100 -DatabaseDtuMin 20
```

ResourceId :

/subscriptions/00000000-0000-0000-0000-000000000001/resourceGroups/resourcegroup01/providers/Microsoft.Sql/servers
/Server01/elasticPools/ElasticPool01

ResourceGroupName : ResourceGroup01

ServerName : Server01

ElasticPoolName : ElasticPool01

Location : Central US

CreationDate : 8/26/2015 10:00:17 PM

State : Ready

Edition : Standard

Dtu : 200

DatabaseDtuMax : 100

DatabaseDtuMin : 20

StorageMB : 204800

Tags :

This command modifies properties for an elastic pool named elasticpool01. The command sets the number of DTUs for the elastic pool to 1000 and sets the minimum and maximum DTUs.

-- Example 2: Modify the storage max size of an elastic pool --

```
Set-AzSqlElasticPool -ResourceGroupName "ResourceGroup01" -ServerName "Server01" -ElasticPoolName "ElasticPool01" -StorageMB 2097152
```

ResourceId :

/subscriptions/00000000-0000-0000-0000-000000000001/resourceGroups/resourcegroup01/providers/Microsoft.Sql/servers/Server01/elasticPools/ElasticPool01

ResourceGroupName : ResourceGroup01

ServerName : Server01

ElasticPoolName : ElasticPool01

Location : Central US

CreationDate : 8/26/2015 10:00:17 PM

State : Ready

Edition : Premium

Dtu : 200

DatabaseDtuMax : 100

DatabaseDtuMin : 20

StorageMB : 2097152

Tags :

This command modifies properties for an elastic pool named elasticpool01. The command sets the max storage for an elastic pool to 2 TB.

----- Example 3 -----

```
Set-AzSqlElasticPool -Dtu 1000 -Edition 'GeneralPurpose' -ElasticPoolName 'ElasticPool01' -ResourceGroupName  
'ResourceGroup01' -ServerName 'Server01'
```

Example 4: Modify the preferred enclave type of an elastic pool to VBS

```
Set-AzSqlElasticPool -ResourceGroupName "ResourceGroup01" -ServerName "Server01" -ElasticPoolName  
"ElasticPool01" -PreferredEnclaveType "VBS"
```

ResourceId :

```
/subscriptions/00000000-0000-0000-0000-000000000001/resourceGroups/resourcegroup01/providers/Microsoft.Sql/servers  
/Server01/elasticPools/ElasticPool01
```

ResourceGroupName : ResourceGroup01

ServerName : Server01

ElasticPoolName : ElasticPool01

Location : Central US

CreationDate : 8/26/2015 10:00:17 PM

State : Ready

Edition : Premium

Dtu : 200

DatabaseDtuMax : 100

DatabaseDtuMin : 20

StorageMB : 2097152

PreferredEnclaveType : VBS

Tags :

This command updates an elastic pool to configure VBS enclave on it

RELATED LINKS

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

[Get-AzSqlElasticPool](#)

[Get-AzSqlElasticPoolActivity](#)

[Get-AzSqlElasticPoolDatabase](#)

[New-AzSqlElasticPool](#)

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