



Windows PowerShell Get-Help on Cmdlet 'New-AzMySQLFlexibleServer'

PS: \>Get-HELP New-AzMySQLFlexibleServer -Full

NAME

New-AzMySQLFlexibleServer

SYNOPSIS

Creates a new MySQL flexible server.

SYNTAX

```
New-AzMySQLFlexibleServer [-Name <String>] [-ResourceGroupName <String>] [-SubscriptionId <String>] [-Location
<String>] [-Zone <String>] [-AdministratorUserName
<String>] [-AdministratorLoginPassword <SecureString>] [-Sku <String>] [-SkuTier <String>] [-BackupRetentionDay
<Int32>] [-StorageInMb <Int32>] [-StorageAutogrow
<StorageAutogrow>] [-Iops <Int32>] [-Tag <Hashtable>] [-Version <ServerVersion>] [-SubnetPrefix <String>] [-Subnet
<String>] [-VnetPrefix <String>] [-Vnet <String>]
[-PrivateDnsZone <String>] [-PublicAccess <String>] [-HighAvailability <String>] [-DefaultProfile <PSObject>] [-AsJob]
[-Break] [-HttpPipelineAppend
<SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential
<PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf]
[-Confirm] [<CommonParameters>]
```

DESCRIPTION

Creates a new MySQL flexible server.

PARAMETERS

-Name <String>

The name of the server.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group that contains the resource, You can obtain this value from the Azure Resource Manager API or the portal.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The subscription ID that identifies an Azure subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Location <String>

The location the resource resides in.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Zone <String>

Availability zone into which to provision the resource.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AdministratorUserName <String>

Administrator username for the server.

Once set, it cannot be changed.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AdministratorLoginPassword <SecureString>

The password of the administrator.

Minimum 8 characters and maximum 128 characters.

Password must contain characters from three of the following categories: English uppercase letters, English lowercase

letters, numbers, and non-alphanumeric
characters.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Sku <String>

The name of the sku, typically, tier + family + cores, e.g.

Standard_B1ms, Standard_D2ds_v4.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SkuTier <String>

Compute tier of the server.

Accepted values: Burstable, GeneralPurpose, Memory Optimized.

Default: Burstable.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-BackupRetentionDay <Int32>

Backup retention days for the server.

Day count is between 1 and 35.

Required? false
Position? named
Default value 0
Accept pipeline input? false
Accept wildcard characters? false

-StorageInMb <Int32>

Max storage allowed for a server.

Required? false
Position? named
Default value 0
Accept pipeline input? false
Accept wildcard characters? false

-StorageAutogrow <StorageAutogrow>

Enable or disable Storage Auto Grow.

The default value is Disabled

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Iops <Int32>

Number of IOPS to be allocated for this server.

You will get certain amount of free IOPS based on compute and storage provisioned.

The default value for IOPS is free IOPS.

Required? false
Position? named

Default value 0
Accept pipeline input? false
Accept wildcard characters? false

-Tag <Hashtable>

Application-specific metadata in the form of key-value pairs.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Version <ServerVersion>

Server version.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-SubnetPrefix <String>

The subnet IP address prefix to use when creating a new vnet in CIDR format.

Default value is 10.0.0.0/24.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Subnet <String>

The Name or Id of an existing Subnet or name of a new one to create.

Use resource ID if you want to use a subnet from different resource group.

Please note that the subnet will be delegated to Microsoft.DBforMySQL/flexibleServers.

After delegation, this subnet cannot be used for any other type of Azure resources.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-VnetPrefix <String>

The IP address prefix to use when creating a new vnet in CIDR format.

Default value is 10.0.0.0/16.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Vnet <String>

The Name or Id of an existing virtual network or name of a new one to create.

The name must be between 2 to 64 characters.

The name must begin with a letter or number, end with a letter, number or underscore, and may contain only letters, numbers, underscores, periods, or hyphens.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PrivateDnsZone <String>

The id of an existing private dns zone.

The suffix of dns zone has to be same as that of fully qualified domain of the server.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-PublicAccess <String>

Determines the public access.

Allowed values: All, None, IP address range (e.g., 1.1.1.1-1.1.1.5, 1.1.1.1) Specifying 0.0.0.0 allows public access from any resources deployed within Azure to access your server.

Specifying no IP address sets the server in public access mode but does not create a firewall rule.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HighAvailability <String>

Enable or disable high availability feature.

Allowed values are 'ZoneRedundant', 'SameZone', and 'Disabled'.

Default value is Disabled.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DefaultProfile <PSObject>

The credentials, account, tenant, and subscription used for communication with Azure.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AsJob [<SwitchParameter>]

Run the command as a job.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-Break [<SwitchParameter>]

Wait for .NET debugger to attach.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelineAppend <SendAsyncStep[]>

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-HttpPipelinePrepend <SendAsyncStep[]>

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-NoWait [<SwitchParameter>]

Run the command asynchronously.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-Proxy <Uri>

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyCredential <PSCredential>

Required? false

Position? named

Default value

Accept pipeline input? false
Accept wildcard characters? false

-ProxyUseDefaultCredentials [<SwitchParameter>]

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Confirm [<SwitchParameter>]

Required? false
Position? named
Default value
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

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.MySql.Models.Api20210501.IServerAutoGenerated

----- EXAMPLE 1 -----

```
PS C:\>New-AzMySqlFlexibleServer -Name mysql-test -ResourceGroupName PowershellMySqlTest -Location eastus
-AdministratorUserName mysqltest -AdministratorLoginPassword
$password -Sku Standard_D2ds_v4 -SkuTier Burstable -Version 12 -StorageInMb 20480 -PublicAccess none -Zone 1
-BackupRetentionDay 10 -StorageAutogrow Enabled -Iops 500
-HighAvailability ZoneRedundant
```

----- EXAMPLE 2 -----

```
PS C:\>New-AzMySqlFlexibleServer
```

----- EXAMPLE 3 -----

```
PS C:\>$Subnet =
```

work/virtualNetworks/vnetname/subnets/subnetname'

\$DnsZone =

'/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/postgresqltest/providers/Microsoft.Network/privateDnsZones/testserver.private.mysql.data
base.azure.com'

New-AzMySQLFlexibleServer -ResourceGroupName postgresqltest -ServerName testserver -Subnet \$Subnet
-PrivateDnsZone \$DnsZone

----- EXAMPLE 4 -----

PS C:\>\$DnsZone =

'/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/postgresqltest/providers/Microsoft.Network/privateDnsZones/testserver.private.mysql.database.azure.com'

New-AzMySQLFlexibleServer -Name mysql-test -ResourceGroupName PowershellMySQLTest -Vnet mysql-vnet -Subnet
mysql-subnet -VnetPrefix 10.0.0.0/16 -SubnetPrefix
10.0.0.0/24 -PrivateDnsZone \$DnsZone

----- EXAMPLE 5 -----

PS C:\>\$Vnet = 'vnetname'

\$DnsZone =

'/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/postgresqltest/providers/Microsoft.Network/privateDnsZones/testserver.private.mysql.data

base.azure.com'

New-AzMySQLFlexibleServer -ResourceGroupName PowershellMySQLTest -Vnet \$Vnet -PrivateDnsZone \$DnsZone

or

\$Vnet =

'/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/PowershellMySQLTest/providers/Microsoft.Network/virtualNetworks/vnetname'

New-AzMySQLFlexibleServer -ResourceGroupName PowershellMySQLTest -Vnet \$Vnet -PrivateDnsZone \$DnsZone

----- EXAMPLE 6 -----

PS C:\>New-AzMySQLFlexibleServer -Name mysql-test -ResourceGroupName PowershellMySQLTest -PublicAccess All

----- EXAMPLE 7 -----

PS C:\>New-AzMySQLFlexibleServer -Name mysql-test -ResourceGroupName PowershellMySQLTest -PublicAccess
10.10.10.10-10.10.10.12

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.mysql/new-azmysqlflexibleserver>