



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

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

NAME

New-AzPostgreSqlFlexibleServer

SYNOPSIS

Creates a new server.

SYNTAX

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

DESCRIPTION

Creates a new 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

-Zone <String>

Availability zone into which to provision the resource.

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

-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_D2s_v3.

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 7 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

-HaEnabled <String>

Enable or disable high availability feature.

Allowed values: Enabled, Disabled

Required? false
Position? named
Default value
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

-PrivateDnsZone <String>

The id of an existing private dns zone.

You can use the

private dns zone from same resource group, different resource group, or
different subscription.

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

-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.

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

-PublicAccess <String>

Determines the public access.

Enter single or range of IP addresses to be
included in the allowed list of IPs.

IP address ranges must be dash-
separated and not contain any spaces.

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

-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.PostgreSql.Models.Api20210601.IServerAutoGenerated

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

```
PS C:\>New-AzPostgreSqlFlexibleServer -Name postgresql-test -ResourceGroupName PowershellPostgreSqlTest
-Location eastus -AdministratorUserName postgresqltest
-AdministratorLoginPassword $password -Sku Standard_D2s_v3 -SkuTier GeneralPurpose -Version 12 -StorageInMb
131072 -PublicAccess none
```

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

```
PS C:\>$server = New-AzPostgreSqlFlexibleServer
```

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

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

```
'/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/PowershellPostgreSqlTest/providers/Microsoft.Network/virtualNetworks/vnetname/subnets/subnetname'
```

```
$DnsZone =
```

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

```
New-AzPostgreSqlFlexibleServer -ResourceGroupName postgresqltest -ServerName testserver -Subnet $Subnet -PrivateDnsZone $DnsZone
```

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

```
PS C:\>New-AzPostgreSqlFlexibleServer -Name postgresql-test -ResourceGroupName PowershellPostgreSqlTest -Vnet postgresql-vnet -Subnet postgresql-subnet -VnetPrefix
```

```
10.0.0.0/16 -SubnetPrefix 10.0.0.0/24 -PrivateDnsZone
```

```
'/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/PowershellPostgreSqlTest/providers/Microsoft.N
```

etwork/privateDnsZones/postgresql-test.private.postgres.database.azure.com

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

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

New-AzPostgreSqlFlexibleServer -ResourceGroupName PowershellPostgreSqlTest -Vnet \$Vnet -PrivateDnsZone
/subscriptions/00000000-0000-0000-0000-000000000000/resourceGrou

ps/PowershellPostgreSqlTest/providers/Microsoft.Network/privateDnsZones/testserver.private.postgres.database.azure.com

or

\$Vnet =
'/subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/PowershellPostgreSqlTest/providers/Microsoft.Net
work/virtualNetworks/vnetname'

New-AzPostgreSqlFlexibleServer -ResourceGroupName PowershellPostgreSqlTest -Vnet \$Vnet -PrivateDnsZone
/subscriptions/00000000-0000-0000-0000-000000000000/resourceGro

ups/PowershellPostgreSqlTest/providers/Microsoft.Network/privateDnsZones/testserver.private.postgres.database.azure.co
m

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

PS C:\>New-AzPostgreSqlFlexibleServer -Name postgresql-test -ResourceGroupName PowershellPostgreSqlTest

-PublicAccess All

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

```
PS C:\>New-AzPostgreSqlFlexibleServer -Name postgresql-test -ResourceGroupName PowershellPostgreSqlTest  
-PublicAccess 10.10.10.10-10.10.10.12
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.postgresql/new-azpostgresqlflexibleserver>