



## ***Windows PowerShell Get-Help on Cmdlet 'New-AzSqlVMGroup'***

***PS:\>Get-HELP New-AzSqlVMGroup -Full***

### NAME

New-AzSqlVMGroup

### SYNOPSIS

Creates or updates a SQL virtual machine group.

### SYNTAX

```
New-AzSqlVMGroup -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>] -Location <String>
[-ClusterBootstrapAccount <String>] [-ClusterOperatorAccount
<String>] [-ClusterSubnetType <ClusterSubnetType>] [-DomainFqdn <String>] [-FileShareWitnessPath <String>] [-Offer
<String>] [-OuPath <String>] [-Sku
<SqlVMGroupImageSku>] [-SqlServiceAccount <String>] [-StorageAccountPrimaryKey <SecureString>]
[-StorageAccountUrl <String>] [-Tag <Hashtable>] [-DefaultProfile
<PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>]
[-NoWait] [-Proxy <Uri>] [-ProxyCredential
<PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

### DESCRIPTION

Creates or updates a SQL virtual machine group.

## PARAMETERS

-Name <String>

Name of the SQL virtual machine group.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

Name of the resource group that contains the resource.

You can obtain this value from the Azure Resource Manager API or the portal.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

Subscription ID that identifies an Azure subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Location <String>

Resource location.

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

-ClusterBootstrapAccount <String>

Account name used for creating cluster (at minimum needs permissions to 'Create Computer Objects' in domain).

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

-ClusterOperatorAccount <String>

Account name used for operating cluster i.e.  
will be part of administrators group on all the participating virtual machines in the cluster.

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

-ClusterSubnetType <ClusterSubnetType>

Cluster subnet type.

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

Accept wildcard characters? false

-DomainFqdn <String>

Fully qualified name of the domain.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-FileShareWitnessPath <String>

Optional path for fileshare witness.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Offer <String>

SQL image offer.

Examples may include SQL2016-WS2016, SQL2017-WS2016.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-OuPath <String>

Organizational Unit path in which the nodes and cluster will be present.

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

-Sku <SqlVMGroupImageSku>

SQL image sku.

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

-SqlServiceAccount <String>

Account name under which SQL service will run on all participating SQL virtual machines in the cluster.

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

-StorageAccountPrimaryKey <SecureString>

Primary key of the witness storage account.

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

-StorageAccountUrl <String>

Fully qualified ARM resource id of the witness storage account.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Tag <Hashtable>

Resource tags.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DefaultProfile <PSObject>

The DefaultProfile parameter is not functional.

Use the SubscriptionId parameter when available if executing the cmdlet against a different subscription.

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[]>**

SendAsync Pipeline Steps to be appended to the front of the pipeline

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

**-HttpPipelinePrepend <SendAsyncStep[]>**

SendAsync Pipeline Steps to be prepended to the front of the pipeline

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>

The URI for the proxy server to use

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

#### -ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

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

#### -ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

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.SqlVirtualMachine.Models.Api20220801Preview.ISqlVirtualMachineGroup

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

PS C:\># \$accessKey is a valid access key for the storage account

```
$storageAccountPrimaryKey = ConvertTo-SecureString -String $accessKey -AsPlainText -Force  
New-AzSqlVMGroup -ResourceGroupName 'ResourceGroup01' -Name 'sqlvmgroup01' -Location 'eastus' -Offer  
'SQL2022-WS2022' -Sku 'Developer' -DomainFqdn 'yourdomain.com'  
-ClusterOperatorAccount 'operatoruser@yourdomain.com' -ClusterBootstrapAccount 'bootstrapuser@yourdomain.com'  
-StorageAccountUrl  
    'https://yourstorageaccount.blob.core.windows.net/' -StorageAccountPrimaryKey $storageAccountPrimaryKey  
-SqlServiceAccount 'sqladmin@yourdomain.com'  
-ClusterSubnetType 'SingleSubnet'
```

#### RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.sqlvirtualmachine/new-azsqlvmgroup>