



## ***Windows PowerShell Get-Help on Cmdlet 'Set-AzVMSqlServerExtension'***

***PS:\>Get-HELP Set-AzVMSqlServerExtension -Full***

### NAME

Set-AzVMSqlServerExtension

### SYNOPSIS

Sets the Azure SQL Server extension on a virtual machine.

### SYNTAX

```
Set-AzVMSqlServerExtension [[-Version] <System.String>] [-ResourceGroupName] <System.String> [-VMName]
<System.String> [[-Name] <System.String>]

[[[-AutoPatchingSettings] <Microsoft.Azure.Commands.Compute.AutoPatchingSettings>] [[-AutoBackupSettings]
<Microsoft.Azure.Commands.Compute.AutoBackupSettings>]

[[[-KeyVaultCredentialSettings] <Microsoft.Azure.Commands.Compute.KeyVaultCredentialSettings>] [[-Location]
<System.String>] [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

[<CommonParameters>]
```

### DESCRIPTION

The Set-AzVMSqlServerExtension cmdlet sets the AzureSQL Server extension on a virtual machine.

## PARAMETERS

`-AutoBackupSettings <Microsoft.Azure.Commands.Compute.AutoBackupSettings>`

Specifies the automatic SQL Server backup settings. To create an `AutoBackupSettings` object , use the `New-AzVMSqlServerAutoBackupConfig` cmdlet.

|                             |                       |
|-----------------------------|-----------------------|
| Required?                   | false                 |
| Position?                   | 6                     |
| Default value               | None                  |
| Accept pipeline input?      | True (ByPropertyName) |
| Accept wildcard characters? | false                 |

`-AutoPatchingSettings <Microsoft.Azure.Commands.Compute.AutoPatchingSettings>`

Specifies the automatic SQL Server patching settings. To create an `AutoPatchingSettings` object , use the `New-AzVMSqlServerAutoPatchingConfig` cmdlet.

|                             |                       |
|-----------------------------|-----------------------|
| Required?                   | false                 |
| Position?                   | 5                     |
| Default value               | None                  |
| Accept pipeline input?      | True (ByPropertyName) |
| 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 |

`-KeyVaultCredentialSettings <Microsoft.Azure.Commands.Compute.KeyVaultCredentialSettings>`

|                             |                       |
|-----------------------------|-----------------------|
| Required?                   | false                 |
| Position?                   | 7                     |
| Default value               | None                  |
| Accept pipeline input?      | True (ByPropertyName) |
| Accept wildcard characters? | false                 |

-Location <System.String>

Specifies the location of the virtual machine.

|                             |                       |
|-----------------------------|-----------------------|
| Required?                   | false                 |
| Position?                   | 8                     |
| Default value               | None                  |
| Accept pipeline input?      | True (ByPropertyName) |
| Accept wildcard characters? | false                 |

-Name <System.String>

Specifies the name of the SQL Server the extension.

|                             |                       |
|-----------------------------|-----------------------|
| Required?                   | false                 |
| Position?                   | 4                     |
| Default value               | None                  |
| Accept pipeline input?      | True (ByPropertyName) |
| Accept wildcard characters? | false                 |

-ResourceGroupName <System.String>

Specifies the name of the resource group of the virtual machine.

|                        |                       |
|------------------------|-----------------------|
| Required?              | true                  |
| Position?              | 2                     |
| Default value          | None                  |
| Accept pipeline input? | True (ByPropertyName) |

Accept wildcard characters? false

-Version <System.String>

Specifies the version of the SQL Server extension.

Required? false

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-VMName <System.String>

Specifies the name of the virtual machine on which this cmdlet sets the SQL Server extension.

Required? true

Position? 3

Default value None

Accept pipeline input? True (ByPropertyName)

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

Microsoft.Azure.Commands.Compute.AutoPatchingSettings

Microsoft.Azure.Commands.Compute.AutoBackupSettings

Microsoft.Azure.Commands.Compute.KeyVaultCredentialSettings

## OUTPUTS

Microsoft.Azure.Commands.Compute.Models.PSAzureOperationResponse

## NOTES

Example 1: Set automatic patching settings on a virtual machine

```
$AutoPatchingConfig = New-AzVMSqlServerAutoPatchingConfig -Enable -DayOfWeek "Thursday"
-MaintenanceWindowStartingHour 11 -MaintenanceWindowDuration 120
-PatchCategory "Important"
Get-AzVM -ResourceGroupName "testrg" -Name "VirtualMachine11" | Set-AzVMSqlServerExtension
-AutoPatchingSettings $AutoPatchingConfig | Update-AzVM
```

The first command creates a configuration object by using the `New-AzVMSqlServerAutoPatchingConfig` cmdlet. The command stores the configuration in the

`$AutoPatchingConfig` variable. The second command gets the virtual machine named `VirtualMachine11` in the Resource Group `testrg` by using the `Get-AzVM` cmdlet. The

command passes that object to the current cmdlet by using the pipeline operator. The current cmdlet sets the automatic patching settings in `$AutoPatchingConfig` for

the virtual machine. The command passes the virtual machine to the `Update-AzVM` cmdlet.

## Example 2: Set automatic backup settings on a virtual machine

```
$AutoBackupConfig = New-AzVMSqlServerAutoBackupConfig -Enable -RetentionPeriodInDays 10 -StorageUri  
$StorageUrl -StorageKey $StorageAccountKeySecure  
Get-AzVM -ResourceGroupName "testrg" -Name "VirtualMachine11" | Set-AzVMSqlServerExtension  
-AutoBackupSettings $AutoBackupConfig | Update-AzVM
```

The first command creates a configuration object by using the `New-AzVMSqlServerAutoBackupConfig` cmdlet. The command stores the configuration in the `$AutoBackupConfig`

variable. The second command gets the virtual machine named `VirtualMachine11` in the Resource Group `testrg`, and then passes it to the current cmdlet. The current

cmdlet sets the automatic backup settings in `$AutoBackupConfig` for the virtual machine. The command passes the virtual machine to the `Update-AzVM` cmdlet.

## RELATED LINKS

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

`Get-AzVM`

`Get-AzVMSqlServerExtension`

`New-AzVMSqlServerAutoPatchingConfig`

`New-AzVMSqlServerAutoBackupConfig`

`Remove-AzVMSqlServerExtension`

`Update-AzVM`