



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

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

NAME

New-AzSqlVM

SYNOPSIS

Creates or updates a SQL virtual machine.

SYNTAX

```
New-AzSqlVM -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>] -Location <String>
[-AdditionalFeatureServerConfigurationIsRServicesEnabled]
[-AssessmentSettingEnable] [-AssessmentSettingRunImmediately] [-AutoBackupSettingBackupScheduleType
<BackupScheduleType>] [-AutoBackupSettingBackupSystemDb]
[-AutoBackupSettingDaysOfWeek <AutoBackupDaysOfWeek[]>] [-AutoBackupSettingEnable]
[-AutoBackupSettingEnableEncryption] [-AutoBackupSettingFullBackupFrequency
<FullBackupFrequencyType>] [-AutoBackupSettingFullBackupStartTime <Int32>]
[-AutoBackupSettingFullBackupWindowHour <Int32>] [-AutoBackupSettingLogBackupFrequency
<Int32>] [-AutoBackupSettingPassword <SecureString>] [-AutoBackupSettingRetentionPeriod <Int32>]
[-AutoBackupSettingStorageAccessKey <String>]
[-AutoBackupSettingStorageAccountUrl <String>] [-AutoBackupSettingStorageContainerName <String>]
[-AutoPatchingSettingDayOfWeek <DayOfWeek>]
```

[-AutoPatchingSettingEnable] [-AutoPatchingSettingMaintenanceWindowDuration <Int32>]
 [-AutoPatchingSettingMaintenanceWindowStartingHour <Int32>]
 [-AzureAdAuthenticationSettingClientId <String>] [-EnableAutomaticUpgrade] [-IdentityType <IdentityType>]
 [-KeyVaultCredentialSettingAzureKeyVaultUrl <String>]
 [-KeyVaultCredentialSettingCredentialName <String>] [-KeyVaultCredentialSettingEnable]
 [-KeyVaultCredentialSettingServicePrincipalName <String>]
 [-KeyVaultCredentialSettingServicePrincipalSecret <String>] [-LeastPrivilegeMode <LeastPrivilegeMode>] [-LicenseType
 <SqlServerLicenseType>] [-Offer <String>]
 [-ScheduleDayOfWeek <AssessmentDayOfWeek>] [-ScheduleEnable] [-ScheduleMonthlyOccurrence <Int32>]
 [-ScheduleStartTime <String>] [-ScheduleWeeklyInterval <Int32>]
 [-Sku <SqlImageSku>] [-SqlConnectivityUpdateSettingConnectivityType <ConnectivityType>]
 [-SqlConnectivityUpdateSettingPort <Int32>]
 [-SqlConnectivityUpdateSettingSqlAuthUpdatePassword <SecureString>]
 [-SqlConnectivityUpdateSettingSqlAuthUpdateUserName <String>] [-SqlDataSettingDefaultFilePath
 <String>] [-SqlDataSettingLun <Int32[]>] [-SqlInstanceSettingCollation <String>] [-SqlInstanceSettingIsIfiEnabled]
 [-SqlInstanceSettingIsLpimEnabled]
 [-SqlInstanceSettingIsOptimizeForAdHocWorkloadsEnabled] [-SqlInstanceSettingMaxDop <Int32>]
 [-SqlInstanceSettingMaxServerMemoryMb <Int32>]
 [-SqlInstanceSettingMinServerMemoryMb <Int32>] [-SqlLogSettingDefaultFilePath <String>] [-SqlLogSettingLun
 <Int32[]>] [-SqlManagementType <SqlManagementMode>]
 [-SqlStorageUpdateSettingDiskConfigurationType <DiskConfigurationType>] [-SqlStorageUpdateSettingDiskCount
 <Int32>] [-SqlStorageUpdateSettingStartingDeviceId <Int32>]
 [-SqlTempDbSettingDataFileCount <Int32>] [-SqlTempDbSettingDataFileSize <Int32>] [-SqlTempDbSettingDataGrowth
 <Int32>] [-SqlTempDbSettingDefaultFilePath <String>]
 [-SqlTempDbSettingLogFileSize <Int32>] [-SqlTempDbSettingLogGrowth <Int32>] [-SqlTempDbSettingLun <Int32[]>]
 [-SqlTempDbSettingPersistFolder]
 [-SqlTempDbSettingPersistFolderPath <String>] [-SqlVirtualMachineGroupResourceId <String>]
 [-SqlWorkloadTypeUpdateSettingSqlWorkloadType <SqlWorkloadType>]
 [-StorageConfigurationSettingDiskConfigurationType <DiskConfigurationType>]
 [-StorageConfigurationSettingSqlSystemDbOnDataDisk]
 [-StorageConfigurationSettingStorageWorkloadType <StorageWorkloadType>] [-Tag <Hashtable>]
 [-WsfcDomainCredentialsClusterBootstrapAccountPassword <SecureString>]
 [-WsfcDomainCredentialsClusterOperatorAccountPassword <SecureString>]

[-WsfcDomainCredentialsSqlServiceAccountPassword <SecureString>] [-WsfcStaticIP <String>]
[-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.

If you are updating an existing SQL virtual machine and a parameter such as -Tag is omitted, then the previously defined values may be removed.

For this reason, it is recommended to use [Update-AzSqlVM](https://learn.microsoft.com/powershell/module/az.sqlvirtualmachine/update-azsqlvm) to prevent overwriting of unintended parameters.

PARAMETERS

-Name <String>

Name of the SQL virtual machine.

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

-AdditionalFeatureServerConfigurationIsRServicesEnabled [<SwitchParameter>]

Enable or disable R services (SQL 2016 onwards).

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-AssessmentSettingEnable [<SwitchParameter>]

Enable or disable SQL best practices Assessment feature on SQL virtual machine.

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

-AssessmentSettingRunImmediately [<SwitchParameter>]

Run SQL best practices Assessment immediately on SQL virtual machine.

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

-AutoBackupSettingBackupScheduleType <BackupScheduleType>

Backup schedule type.

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

-AutoBackupSettingBackupSystemDb [<SwitchParameter>]

Include or exclude system databases from auto backup.

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

-AutoBackupSettingDaysOfWeek <AutoBackupDaysOfWeek[]>

Days of the week for the backups when FullBackupFrequency is set to Weekly.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AutoBackupSettingEnable [<SwitchParameter>]

Enable or disable autobackup on SQL virtual machine.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-AutoBackupSettingEnableEncryption [<SwitchParameter>]

Enable or disable encryption for backup on SQL virtual machine.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-AutoBackupSettingFullBackupFrequency <FullBackupFrequencyType>

Frequency of full backups.

In both cases, full backups begin during the next scheduled time window.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AutoBackupSettingFullBackupStartTime <Int32>

Start time of a given day during which full backups can take place.

0-23 hours.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-AutoBackupSettingFullBackupWindowHour <Int32>

Duration of the time window of a given day during which full backups can take place.

1-23 hours.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-AutoBackupSettingLogBackupFrequency <Int32>

Frequency of log backups.

5-60 minutes.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-AutoBackupSettingPassword <SecureString>

Password for encryption on backup.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AutoBackupSettingRetentionPeriod <Int32>

Retention period of backup: 1-90 days.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-AutoBackupSettingStorageAccessKey <String>

Storage account key where backup will be taken to.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AutoBackupSettingStorageAccountUrl <String>

Storage account url where backup will be taken to.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AutoBackupSettingStorageContainerName <String>

Storage container name where backup will be taken to.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AutoPatchingSettingDayOfWeek <DayOfWeek>

Day of week to apply the patch on.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-AutoPatchingSettingEnable [<SwitchParameter>]

Enable or disable autopatching on SQL virtual machine.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-AutoPatchingSettingMaintenanceWindowDuration <Int32>

Duration of patching.

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

-AutoPatchingSettingMaintenanceWindowStartingHour <Int32>

Hour of the day when patching is initiated.
Local VM time.

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

-AzureAdAuthenticationSettingClientId <String>

The client Id of the Managed Identity to query Microsoft Graph API.
An empty string must be used for the system assigned Managed Identity

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

-EnableAutomaticUpgrade [<SwitchParameter>]

Enable automatic upgrade of Sql IaaS extension Agent.

Required? false
Position? named
Default value False

Accept pipeline input? false

Accept wildcard characters? false

-IdentityType <IdentityType>

The identity type.

Set this to 'SystemAssigned' in order to automatically create and assign an Azure Active Directory principal for the resource.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-KeyVaultCredentialSettingAzureKeyVaultUrl <String>

Azure Key Vault url.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-KeyVaultCredentialSettingCredentialName <String>

Credential name.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-KeyVaultCredentialSettingEnable [<SwitchParameter>]

Enable or disable key vault credential setting.

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

-KeyVaultCredentialSettingServicePrincipalName <String>

Service principal name to access key vault.

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

-KeyVaultCredentialSettingServicePrincipalSecret <String>

Service principal name secret to access key vault.

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

-LeastPrivilegeMode <LeastPrivilegeMode>

SQL IaaS Agent least privilege mode.

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

Accept wildcard characters? false

-LicenseType <SqlServerLicenseType>

SQL Server license type.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Offer <String>

SQL image offer.

Examples include SQL2016-WS2016, SQL2017-WS2016.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ScheduleDayOfWeek <AssessmentDayOfWeek>

Day of the week to run assessment.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ScheduleEnable [<SwitchParameter>]

Enable or disable assessment schedule on SQL virtual machine.

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

-ScheduleMonthlyOccurrence <Int32>

Occurrence of the DayOfWeek day within a month to schedule assessment.

Takes values: 1,2,3,4 and -1.

Use -1 for last DayOfWeek day of the month

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

-ScheduleStartTime <String>

Time of the day in HH:mm format.

Eg.

17:30

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

-ScheduleWeeklyInterval <Int32>

Number of weeks to schedule between 2 assessment runs.

Takes value from 1-6

Required? false

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

-Sku <SqlImageSku>

SQL Server edition type.

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

-SqlConnectionUpdateSettingConnectivityType <ConnectivityType>

SQL Server connectivity option.

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

-SqlConnectionUpdateSettingPort <Int32>

SQL Server port.

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

-SqlConnectionUpdateSettingSqlAuthUpdatePassword <SecureString>

SQL Server sysadmin login password.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SqlConnectivityUpdateSettingSqlAuthUpdateUserName <String>

SQL Server sysadmin login to create.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SqlDataSettingDefaultFilePath <String>

SQL Server default file path

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SqlDataSettingLun <Int32[]>

Logical Unit Numbers for the disks.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SqlInstanceSettingCollation <String>

SQL Server Collation.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SqlInstanceSettingIsIfiEnabled [<SwitchParameter>]

SQL Server IFI.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-SqlInstanceSettingIsLpimEnabled [<SwitchParameter>]

SQL Server LPIM.

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-SqlInstanceSettingIsOptimizeForAdHocWorkloadsEnabled [<SwitchParameter>]

SQL Server Optimize for Adhoc workloads.

Required? false

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

-SqlInstanceSettingMaxDop <Int32>

SQL Server MAXDOP.

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

-SqlInstanceSettingMaxServerMemoryMb <Int32>

SQL Server maximum memory.

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

-SqlInstanceSettingMinServerMemoryMb <Int32>

SQL Server minimum memory.

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

-SqlLogSettingDefaultFilePath <String>

SQL Server default file path

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SqlLogSettingLun <Int32[]>

Logical Unit Numbers for the disks.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SqlManagementType <SqlManagementMode>

SQL Server Management type.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SqlStorageUpdateSettingDiskConfigurationType <DiskConfigurationType>

Disk configuration to apply to SQL Server.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SqlStorageUpdateSettingDiskCount <Int32>

Virtual machine disk count.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-SqlStorageUpdateSettingStartingDeviceId <Int32>

Device id of the first disk to be updated.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-SqlTempDbSettingDataFileCount <Int32>

SQL Server tempdb data file count

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-SqlTempDbSettingDataFileSize <Int32>

SQL Server tempdb data file size

Required? false

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

-SqlTempDbSettingDataGrowth <Int32>

SQL Server tempdb data file autoGrowth size

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

-SqlTempDbSettingDefaultFilePath <String>

SQL Server default file path

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

-SqlTempDbSettingLogFileSize <Int32>

SQL Server tempdb log file size

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

-SqlTempDbSettingLogGrowth <Int32>

SQL Server tempdb log file autoGrowth size

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

-SqlTempDbSettingLun <Int32[]>

Logical Unit Numbers for the disks.

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

-SqlTempDbSettingPersistFolder [<SwitchParameter>]

SQL Server tempdb persist folder choice

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

-SqlTempDbSettingPersistFolderPath <String>

SQL Server tempdb persist folder location

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

Accept wildcard characters? false

-SqlVirtualMachineGroupResourceId <String>

ARM resource id of the SQL virtual machine group this SQL virtual machine is or will be part of.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SqlWorkloadTypeUpdateSettingSqlWorkloadType <SqlWorkloadType>

SQL Server workload type.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-StorageConfigurationSettingDiskConfigurationType <DiskConfigurationType>

Disk configuration to apply to SQL Server.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-StorageConfigurationSettingSqlSystemDbOnDataDisk [<SwitchParameter>]

SQL Server SystemDb Storage on DataPool if true.

Required? false

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

-StorageConfigurationSettingStorageWorkloadType <StorageWorkloadType>

Storage workload type.

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

-WsfcDomainCredentialsClusterBootstrapAccountPassword <SecureString>

Cluster bootstrap account password.

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

-WsfcDomainCredentialsClusterOperatorAccountPassword <SecureString>

Cluster operator account password.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-WsfcDomainCredentialsSqlServiceAccountPassword <SecureString>

SQL service account password.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-WsfcStaticIP <String>

Domain credentials for setting up Windows Server Failover Cluster for SQL availability group.

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[]>

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

OUTPUTS

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

```
PS C:\>New-AzSqlVM -ResourceGroupName 'ResourceGroup01' -Name 'sqlvm1' -Location 'eastus'
```

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

```
PS C:\>New-AzSqlVM -ResourceGroupName 'ResourceGroup01' -Name 'sqlvm1' -Location 'eastus' -Sku 'Developer'
-LicenseType 'PAYG'
```

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

```
PS C:\>New-AzSqlVM -ResourceGroupName 'ResourceGroup01' -Name 'sqlvm1' -Location 'eastus' -LicenseType
'AHUB'
```

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

```
PS C:\>New-AzSqlVM -ResourceGroupName 'ResourceGroup01' -Name 'sqlvm1' -Location 'eastus' -LicenseType 'DR'
```

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

```
PS C:\>New-AzSqlVM -ResourceGroupName 'ResourceGroup01' -Name 'sqlvm1' -Location 'eastus'
-AutoBackupSettingEnable `

        -AutoBackupSettingBackupScheduleType    manual    -AutoBackupSettingFullBackupFrequency    Weekly
-AutoBackupSettingFullBackupStartTime 5 `

        -AutoBackupSettingFullBackupWindowHour    2    -AutoBackupSettingStorageAccessKey    'keyvalue'
-AutoBackupSettingStorageAccountUrl `

        'https://storagename.blob.core.windows.net/'    -AutoBackupSettingRetentionPeriod    10
-AutoBackupSettingLogBackupFrequency 60 `

        -AutoBackupSettingStorageContainerName 'storagecontainername'
```

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

```
PS C:\>New-AzSqlVM -ResourceGroupName 'ResourceGroup01' -Name 'sqlvm1' -Location 'eastus'
-AutoPatchingSettingDayOfWeek Thursday `

        -AutoPatchingSettingMaintenanceWindowDuration    120    -AutoPatchingSettingMaintenanceWindowStartingHour    3
-AutoPatchingSettingEnable
```

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

```
PS C:\>New-AzSqlVM -ResourceGroupName 'ResourceGroup01' -Name 'sqlvm1' -Location 'eastus'  
-AssessmentSettingEnable
```

----- EXAMPLE 8 -----

```
PS C:\>New-AzSqlVM -ResourceGroupName 'ResourceGroup01' -Name 'sqlvm1' -Location 'eastus' -AsJob
```

RELATED LINKS

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