



## ***Windows PowerShell Get-Help on Cmdlet 'Restore-AzMySqlServer'***

***PS: \>Get-HELP Restore-AzMySqlServer -Full***

### NAME

Restore-AzMySqlServer

### SYNOPSIS

Restore a server from an existing backup

### SYNTAX

```
Restore-AzMySqlServer -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>] -InputObject
<IServer> -UseGeoRestore [-Location <String>] [-Sku <String>]
```

```
[-Tag <Hashtable>] [-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>]
[-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy
<Uri>] [-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

```
Restore-AzMySqlServer -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>] -InputObject
<IServer> [-Location <String>] [-Sku <String>] [-Tag
```

```
<Hashtable>] -RestorePointInTime <DateTime> -UsePointInTimeRestore [-DefaultProfile <PSObject>] [-AsJob] [-Break]
[-HttpPipelineAppend <SendAsyncStep[]>]
```

```
[-HttpPipelinePrepend <SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>] [-ProxyCredential <PSCredential>]
[-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm]
```

[<CommonParameters>]

## DESCRIPTION

Restore a server from an existing backup

## PARAMETERS

-Name <String>

The name of the server.

Required? true

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? true

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

#### -InputObject <IServer>

The source server object to restore from.

To construct, see NOTES section for INPUTOBJECT properties and create a hash table.

Required? true

Position? named

Default value

Accept pipeline input? true (ByValue)

Accept wildcard characters? false

#### -UseGeoRestore [<SwitchParameter>]

Use Geo mode to restore

Required? true

Position? named

Default value False

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

#### -Sku <String>

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

B\_Gen4\_1, GP\_Gen5\_8.

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

-RestorePointInTime <DateTime>

The location the resource resides in.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-UsePointInTimeRestore [<SwitchParameter>]

Use PointInTime mode to restore

Required? true

Position? named

Default value False

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

Microsoft.Azure.PowerShell.Cmdlets.MySql.Models.Api20171201.IServer

## OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.MySql.Models.Api20171201.IServer

## NOTES

### COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run Get-Help

about\_Hash\_Tables.

INPUTOBJECT <IServer>: The source server object to restore from.

Location <String>: The geo-location where the resource lives

[Tag <ITrackedResourceTags>]: Resource tags.

[(Any) <String>]: This indicates any property can be added to this object.

[AdministratorLogin <String>]: The administrator's login name of a server. Can only be specified when the server is being created (and is required for creation).

[EarliestRestoreDate <DateTime?>]: Earliest restore point creation time (ISO8601 format)

[FullyQualifiedDomainName <String>]: The fully qualified domain name of a server.

[IdentityType <IdentityType?>]: The identity type. Set this to 'SystemAssigned' in order to automatically create and assign an Azure Active Directory principal for the resource.

[InfrastructureEncryption <InfrastructureEncryption?>]: Status showing whether the server enabled infrastructure encryption.

[MasterServerId <String>]: The master server id of a replica server.

[MinimalTlsVersion <MinimalTlsVersionEnum?>]: Enforce a minimal TLS version for the server.

[PublicNetworkAccess <PublicNetworkAccessEnum?>]: Whether or not public network access is allowed for this server. Value is optional but if passed in, must be

'Enabled' or 'Disabled'

[ReplicaCapacity <Int32?>]: The maximum number of replicas that a master server can have.

[ReplicationRole <String>]: The replication role of the server.

[SkuCapacity <Int32?>]: The scale up/out capacity, representing server's compute units.

[SkuFamily <String>]: The family of hardware.

[SkuName <String>]: The name of the sku, typically, tier + family + cores, e.g. B\_Gen4\_1, GP\_Gen5\_8.

[SkuSize <String>]: The size code, to be interpreted by resource as appropriate.

[SkuTier <SkuTier?>]: The tier of the particular SKU, e.g. Basic.

[SslEnforcement <SslEnforcementEnum?>]: Enable ssl enforcement or not when connect to server.

[StorageProfileBackupRetentionDay <Int32?>]: Backup retention days for the server.

[StorageProfileGeoRedundantBackup <GeoRedundantBackup?>]: Enable Geo-redundant or not for server backup.

[StorageProfileStorageAutogrow <StorageAutogrow?>]: Enable Storage Auto Grow.

[StorageProfileStorageMb <Int32?>]: Max storage allowed for a server.

[UserVisibleState <ServerState?>]: A state of a server that is visible to user.

[Version <ServerVersion?>]: Server version.

#### ----- EXAMPLE 1 -----

```
PS C:\>Get-AzMySqlServer -ResourceGroupName PowershellMySQLTest -ServerName mysql-test-replica |  
Restore-AzMySqlServer -Name mysql-test -ResourceGroupName  
PowershellMySQLTest -UseGeoRestore
```

#### ----- EXAMPLE 2 -----

```
PS C:\>$restorePointInTime = (Get-Date).AddMinutes(-10)
```

```
Get-AzMySqlServer -ResourceGroupName PowershellMySqlTest -ServerName mysql-test | Restore-AzMySqlServer  
-Name mysql-test-restore -ResourceGroupName  
PowershellMySqlTest -RestorePointInTime $restorePointInTime -UsePointInTimeRestore
```

#### RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.mysql/restore-azmysqlserver>