



Windows PowerShell Get-Help on Cmdlet 'Get-AzSqlInstanceDatabase'

PS: \>Get-HELP Get-AzSqlInstanceDatabase -Full

NAME

Get-AzSqlInstanceDatabase

SYNOPSIS

Returns information about Azure SQL Managed Instance database.

SYNTAX

```
Get-AzSqlInstanceDatabase [[-Name] <System.String>] [-InstanceName] <System.String> [-ResourceGroupName]
<System.String> [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

```
Get-AzSqlInstanceDatabase [-InstanceObject]
<Microsoft.Azure.Commands.Sql.ManagedInstance.Model.AzureSqlManagedInstanceModel> [[-Name] <System.String>]
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

```
Get-AzSqlInstanceDatabase [-InstanceResourceId] <System.String> [[-Name] <System.String>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
```

[<CommonParameters>]

DESCRIPTION

The Get-AzSqlInstanceDatabase cmdlet gets one or more Azure SQL databases from an Azure SQL Managed Instance.

PARAMETERS

-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

-InstanceName <System.String>

The instance name.

Required? true

Position? 1

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-InstanceObject <Microsoft.Azure.Commands.Sql.ManagedInstance.Model.AzureSqlManagedInstanceModel>

The instance object to use for getting instance database

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-InstanceResourceId <System.String>

The resource id of instance object to get

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Name <System.String>

The name of the Azure SQL Instance Database to retrieve.

Required? false

Position? 0

Default value None

Accept pipeline input? False

Accept wildcard characters? true

-ResourceGroupName <System.String>

The name of the resource group.

Required? true

Position? 2

Default value None

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

System.String

Microsoft.Azure.Commands.Sql.ManagedInstance.Model.AzureSqlManagedInstanceModel

OUTPUTS

Microsoft.Azure.Commands.Sql.ManagedDatabase.Model.AzureSqlManagedDatabaseModel

NOTES

----- Example 1: Get all databases on a instance -----

Get-AzSqlInstanceDatabase -InstanceName "managedInstance1" -ResourceGroupName "resourcegroup01"

ResourceGroupName : resourcegroup01

ManagedInstanceName : managedInstance1

Location : westcentralus

Id :

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/resourcegroup01/providers/Microsoft.Sql/managedInstances/managedInstance1/databases/managedDatabase1

Name : managedDatabase1

Tags :

Collation : SQL_Latin1_General_CP1_CI_AS

Status : Online

CreationDate : 4/27/2018 2:30:07 PM

EarliestRestorePoint : 4/27/2018 2:40:47 PM

RestorePointInTime :

DefaultSecondaryLocation : West US 2

CatalogCollation :

CreateMode :

StorageContainerUri :

StorageContainerSasToken :

SourceDatabaseId :

FailoverGroupId :

ResourceGroupName : resourcegroup01

ManagedInstanceName : managedInstance1

Location : westcentralus

Id :

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/resourcegroup01/providers/Microsoft.Sql/managedInstances/managedInstance1/databases/managedDatabase2

Name : managedDatabase2

Tags :

Collation : SQL_Latin1_General_CP1_CI_AS

Status : Online

CreationDate : 4/23/2018 5:21:07 PM

EarliestRestorePoint : 4/23/2018 5:31:47 PM

RestorePointInTime :

DefaultSecondaryLocation : West US 2

CatalogCollation :

CreateMode :

StorageContainerUri :

StorageContainerSasToken :

SourceDatabaseId :

FailoverGroupId :

This command gets all databases on the instance named managedInstance1.

--- Example 2: Get a database by name on a Managed instance ---

```
Get-AzSqlInstanceDatabase -Name "managedDatabase1" -InstanceName "managedInstance1" -ResourceGroupName "ResourceGroup01"
```

ResourceGroupName : resourcegroup01
ManagedInstanceName : managedInstance1
Location : westcentralus
Id :

```
/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/resourcegroup01/providers/Microsoft.Sql/managedInstances/managedInstance1/databases/managedDatabase1
```

Name : managedDatabase1
Tags :
Collation : SQL_Latin1_General_CP1_CI_AS
Status : Online
CreationDate : 4/27/2018 2:30:07 PM
EarliestRestorePoint : 4/27/2018 2:40:47 PM
RestorePointInTime :
DefaultSecondaryLocation : West US 2
CatalogCollation :
CreateMode :
StorageContainerUri :
StorageContainerSasToken :
SourceDatabaseId :
FailoverGroupId :

This command gets a database named managedDatabase1 from a instance named managedInstance1.

-- Example 3: Get all databases on a instance using filtering --

```
Get-AzSqlInstanceDatabase -InstanceName "managedInstance1" -ResourceGroupName "resourcegroup01" -Name  
"managedDatabase*"
```

```
ResourceGroupName      : resourcegroup01  
ManagedInstanceName   : managedInstance1  
Location               : westcentralus  
Id                     :
```

```
/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/resourcegroup01/providers/Microsoft.Sql/managedIn  
stances/managedInstance1/databases/managedDatabase1
```

```
Name                  : managedDatabase1  
Tags                  :  
Collation             : SQL_Latin1_General_CP1_CI_AS  
Status                : Online  
CreationDate          : 4/27/2018 2:30:07 PM  
EarliestRestorePoint  : 4/27/2018 2:40:47 PM  
RestorePointInTime    :  
DefaultSecondaryLocation : West US 2  
CatalogCollation      :  
CreateMode            :  
StorageContainerUri    :  
StorageContainerSasToken :  
SourceDatabaseId      :  
FailoverGroupId       :
```

```
ResourceGroupName      : resourcegroup01  
ManagedInstanceName   : managedInstance1  
Location               : westcentralus  
Id                     :
```

/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx/resourceGroups/resourcegroup01/providers/Microsoft.Sql/managedInstances/managedInstance1/databases/managedDatabase2

Name : managedDatabase2
Tags :
Collation : SQL_Latin1_General_CP1_CI_AS
Status : Online
CreationDate : 4/23/2018 5:21:07 PM
EarliestRestorePoint : 4/23/2018 5:31:47 PM
RestorePointInTime :
DefaultSecondaryLocation : West US 2
CatalogCollation :
CreateMode :
StorageContainerUri :
StorageContainerSasToken :
SourceDatabaseId :
FailoverGroupId :

This command gets all databases on the instance named managedInstance1 that start with "managedDatabase".

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.sql/get-azsqlinstancedatabase>