

New-SqlClone

New-SqlClone

Starts creating a clone from an image.

Syntax

```
New-SqlClone [-Image] <ImageResource> [-Name] <string> [-Location] <SqlServerInstanceResource>
[<CommonParameters>]
```

Description

The New-SqlClone cmdlet starts creating a clone from an image and outputs details of the creation operation.

This cmdlet returns a OperationResource which can be passed to the Wait-SqlCloneOperation cmdlet.

Connect-SqlClone must be called before this cmdlet.

Parameters

-Image <RedGate.SqlClone.Client.Api.Objects.ImageResource>

Specifies the parent image that will be cloned. The Get-SqlCloneImage cmdlet can be used to get an ImageResource.

Aliases	None
Required?	true
Position?	0
Default Value	None
Accept Pipeline Input	true (ByValue)
Accept Wildcard Characters	false

-Name <System.String>

Specifies the database name of the clone. This needs to be a unique database name within the specified SQL Server instance. This value has a maximum length of 128 characters.

Aliases	None
Required?	true
Position?	1
Default Value	None
Accept Pipeline Input	false
Accept Wildcard Characters	false

-Location <RedGate.SqlClone.Client.Api.Objects.SqlServerInstanceResource>

Specifies the SQL Server instance that the clone will be created on. The Get-SqlCloneSqlServerInstance cmdlet can be used to get a SqlServerInstanceResource.

Aliases	None
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, -OutBuffer, and -OutVariable. For more information, see <http://technet.microsoft.com/en-us/library/hh847884.aspx>.

Inputs

The input type is the type of the objects that you can pipe to the cmdlet.

- **RedGate.SqlClone.Client.Api.Objects.ImageResource**

Specifies the parent image that will be cloned. The Get-SqlCloneImage cmdlet can be used to get an ImageResource.

Return values

The output type is the type of the objects that the cmdlet emits.

- **RedGate.SqlClone.Client.Api.Objects.OperationResource**

Examples

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

```
Connect-SqlClone -ServerUrl 'http://sql-clone.example.com:14145'  
$Image = Get-SqlCloneImage -Name 'AdventureWorks-20170106110745'  
$SqlServerInstance = Get-SqlCloneSqlServerInstance -MachineName WIN201601 -InstanceName SQL2014  
New-SqlClone -Name 'AdventureWorks-clone1' -Location $SqlServerInstance -Image $Image
```

This example starts creating a new clone named 'AdventureWorks-clone1' on WIN201601\SQL2014 based on the image named 'AdventureWorks-20170106110745'.

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

```
Connect-SqlClone -ServerUrl 'http://sql-clone.example.com:14145'  
$Image = Get-SqlCloneImage -Name 'AdventureWorks-20170106110745'  
$SqlServerInstance = Get-SqlCloneSqlServerInstance -MachineName WIN201601 -InstanceName SQL2014  
$Image | New-SqlClone -Name 'AdventureWorks-clone1' -Location $SqlServerInstance | Wait-SqlCloneOperation
```

This example uses the pipeline operator to create a new clone and waits for the creation to complete before returning.