



Windows PowerShell Get-Help on Cmdlet 'Add-AzSqlServerTransparentDataEncryptionCertificate'

PS:\>Get-HELP Add-AzSqlServerTransparentDataEncryptionCertificate -Full

NAME

Add-AzSqlServerTransparentDataEncryptionCertificate

SYNOPSIS

Adds a Transparent Data Encryption Certificate for the given SQL Server instance

SYNTAX

```
Add-AzSqlServerTransparentDataEncryptionCertificate [-ResourceGroupName] <System.String> [-PrivateBlob]
<System.Security.SecureString> [-ServerName] <System.String>
[-Password] <System.Security.SecureString> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-PassThru]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

```
Add-AzSqlServerTransparentDataEncryptionCertificate [-SqlServer]
<Microsoft.Azure.Commands.Sql.Server.Model.AzureSqlServerModel> [-PrivateBlob]
<System.Security.SecureString> [-Password] <System.Security.SecureString> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-PassThru]
[-Confirm] [-WhatIf] [<CommonParameters>]
```

Add-AzSqlServerTransparentDataEncryptionCertificate [-SqlServerResourceId] <System.String> [-PrivateBlob]
<System.Security.SecureString> [-Password]
<System.Security.SecureString> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-PassThru] [-Confirm]
[-WhatIf] [<CommonParameters>]

DESCRIPTION

The Add-AzSqlManagedInstanceTransparentDataEncryptionCertificate adds a Transparent Data Encryption Certificate for the given SQL Server 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

-PassThru <System.Management.Automation.SwitchParameter>

On Successful execution, returns certificate object that was added.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Password <System.Security.SecureString>

The Password for Transparent Data Encryption Certificate

Required? true
Position? 2
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-PrivateBlob <System.Security.SecureString>

The Private blob for Transparent Data Encryption Certificate

Required? true
Position? 1
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-ResourceGroupName <System.String>

The Resource Group Name

Required? true
Position? 0
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-ServerName <System.String>

The Server Name

Required? true
Position? 1
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-SqlServer <Microsoft.Azure.Commands.Sql.Server.Model.AzureSqlServerModel>

The sql server input object

Required? true
Position? 0
Default value None
Accept pipeline input? True (ByValue)
Accept wildcard characters? false

-SqlServerResourceId <System.String>

The sql server resource id

Required? true
Position? 0
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

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

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false
Position? named

Default value False
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.Commands.Sql.Server.Model.AzureSqlServerModel

System.String

OUTPUTS

System.Boolean

NOTES

----- Example 1 -----

\$privateBlob = "MIIJ+QIBAzCCCbUGCSqGSib3DQEHAaCCCaYEggmiMIIJnjCCBhcGCSqGSib3Dasdsadasd"
\$securePrivateBlob = \$privateBlob | ConvertTo-SecureString -AsPlainText -Force
\$password = "CertificatePassword"

```
$securePassword = $password | ConvertTo-SecureString -AsPlainText -Force
```

```
Add-AzSqlServerTransparentDataEncryptionCertificate -ResourceGroupName "YourResourceGroupName" -ServerName  
"YourServerName" -PrivateBlob $securePrivateBlob -Password  
$securePassword
```

Add TDE certificate to a sql server using resource group name and SQL Server name

----- Example 2 -----

```
$privateBlob = "MIIJ+QIBAzCCCbUGCSqGSib3DQEHAaCCCaYEggmiMIIJnjCCBhcGCSqGSib3Dasdsadasd"  
$securePrivateBlob = $privateBlob | ConvertTo-SecureString -AsPlainText -Force  
$password = "CertificatePassword"  
$securePassword = $password | ConvertTo-SecureString -AsPlainText -Force  
$server = Get-AzSqlServer -ServerName "YourServerName" -ResourceGroupName "YourResourceGroupName"  
Add-AzSqlServerTransparentDataEncryptionCertificate -SqlServerResourceId $server.ResourceId -PrivateBlob  
$securePrivateBlob -Password $securePassword
```

Add TDE certificate to the servers using server resourceid

----- Example 3 -----

```
$privateBlob = "MIIJ+QIBAzCCCbUGCSqGSib3DQEHAaCCCaYEggmiMIIJnjCCBhcGCSqGSib3Dasdsadasd"  
$securePrivateBlob = $privateBlob | ConvertTo-SecureString -AsPlainText -Force  
$password = "CertificatePassword"  
$securePassword = $password | ConvertTo-SecureString -AsPlainText -Force  
Get-AzSqlServer | Add-AzSqlServerTransparentDataEncryptionCertificate -ResourceGroupName  
"YourResourceGroupName" -PrivateBlob $securePrivateBlob -Password  
$securePassword
```

Add TDE certificate to all sql servers in a resource group

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.sql/Add-AzSqlServerTransparentDataEncryptionCertificate>