



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

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

NAME

Get-AzSqlInstanceTransparentDataEncryptionProtector

SYNOPSIS

Gets the Transparent Data Encryption (TDE) protector for a SQL managed instance.

SYNTAX

Get-AzSqlInstanceTransparentDataEncryptionProtector [-Instance]

<Microsoft.Azure.Commands.Sql.ManagedInstance.Model.AzureSqlManagedInstanceModel> [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Confirm] [-WhatIf]

[<CommonParameters>]

Get-AzSqlInstanceTransparentDataEncryptionProtector [-ResourceGroupName] <System.String> [-InstanceName]

<System.String> [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Confirm] [-WhatIf]

[<CommonParameters>]

Get-AzSqlInstanceTransparentDataEncryptionProtector [-InstanceResourceId] <System.String> [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Confirm] [-WhatIf]

[<CommonParameters>]

DESCRIPTION

The `Get-AzSqlInstanceTransparentDataEncryptionProtector` cmdlet gets the TDE protector for the specified 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

`-Instance <Microsoft.Azure.Commands.Sql.ManagedInstance.Model.AzureSqlManagedInstanceModel>`

The instance input object

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByValue)

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

-InstanceId <System.String>

The instance resource id

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

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

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

INPUTS

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

OUTPUTS

Microsoft.Azure.Commands.Sql.TransparentDataEncryption.Model.AzureRmSqlManagedInstanceTransparentDataEncryptionProtectorModel

NOTES

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

Get-AzSqlInstanceTransparentDataEncryptionProtector -ResourceGroupName 'ContosoResourceGroup' -InstanceName 'ContosoManagedInstanceName'

ResourceGroupName : ContosoResourceGroup
ManagedInstanceName : ContosoManagedInstanceName
Type : AzureKeyVault
ManagedInstanceKeyVaultKeyName : contoso_contosokey_01234567890123456789012345678901
KeyId : https://contoso.vault.azure.net/keys/contosokey/01234567890123456789012345678901

This command gets the TDE protector for the managed instance named ContosoManagedInstanceName in resource group named ContosoResourceGroup.

----- Example 2: Using managed instance object -----

```
$managedInstance = Get-AzSqlInstance -Name 'ContosoManagedInstanceName' -ResourceGroupName  
'ContosoResourceGroup'
```

```
Get-AzSqlInstanceTransparentDataEncryptionProtector -Instance $managedInstance
```

ResourceGroupName : ContosoResourceGroup
ManagedInstanceName : ContosoManagedInstanceName
Type : AzureKeyVault
ManagedInstanceKeyVaultKeyName : contoso_contosokey_01234567890123456789012345678901
KeyId : https://contoso.vault.azure.net/keys/contosokey/01234567890123456789012345678901

This command gets the TDE protector for the managed instance named ContosoManagedInstanceName in resource group named ContosoResourceGroup.

----- Example 3: Using managed instance resource id -----

```
$managedInstance = Get-AzSqlInstance -Name 'ContosoManagedInstanceName' -ResourceGroupName  
'ContosoResourceGroup'
```

```
Get-AzSqlInstanceTransparentDataEncryptionProtector -InstanceResourceId $managedInstance.ResourceId
```

ResourceGroupName : ContosoResourceGroup
ManagedInstanceName : ContosoManagedInstanceName
Type : AzureKeyVault
ManagedInstanceKeyVaultKeyName : contoso_contosokey_01234567890123456789012345678901
KeyId : https://contoso.vault.azure.net/keys/contosokey/01234567890123456789012345678901

This command gets the TDE protector for the managed instance named ContosoManagedInstanceName in resource group named ContosoResourceGroup.

----- Example 4: Using piping -----

```
$managedInstance = Get-AzSqlInstance -Name 'ContosoManagedInstanceName' -ResourceGroupName  
'ContosoResourceGroup'
```

```
$managedInstance | Get-AzSqlInstanceTransparentDataEncryptionProtector
```

ResourceGroupName : ContosoResourceGroup
ManagedInstanceName : ContosoManagedInstanceName
Type : AzureKeyVault
ManagedInstanceKeyVaultKeyName : contoso_contosokey_01234567890123456789012345678901
KeyId : https://contoso.vault.azure.net/keys/contosokey/01234567890123456789012345678901

This command gets the TDE protector for the managed instance named ContosoManagedInstanceName in resource group named ContosoResourceGroup.

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/Az.sql/Get-AzSqlInstanceTransparentDataEncryptionProtector>