



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

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

NAME

Get-AzSqlDatabaseTransparentDataEncryption

SYNOPSIS

Gets the TDE state for a database.

SYNTAX

```
Get-AzSqlDatabaseTransparentDataEncryption [-ResourceGroupName] <System.String> [-ServerName]
<System.String> [-DatabaseName] <System.String> [-DefaultProfile]
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer> [-Confirm] [-WhatIf]
[<CommonParameters>]
```

DESCRIPTION

The Get-AzSqlDatabaseTransparentDataEncryption cmdlet gets the state of Transparent Data Encryption (TDE) for an Azure SQL database. For more information, see

Transparent Data Encryption with Azure SQL Database <https://msdn.microsoft.com/library/dn948096> (https://msdn.microsoft.com/library/dn948096) in the Microsoft

Developer Network Library. This cmdlet gets the current state of TDE, but both encryption and decryption can be

long-running operations. To see the encryption scan

progress, run the `Get-AzSqlDatabaseTransparentDataEncryptionActivity` cmdlet. This cmdlet is also supported by the SQL Server Stretch Database service on Azure.

PARAMETERS

`-DatabaseName <System.String>`

Specifies the name of the database for which this cmdlet gets TDE status.

Required? true

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

`-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

`-ResourceGroupName <System.String>`

Specifies the name of the resource group to which the database is assigned.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ServerName <System.String>

Specifies the name of the server that hosts the database for which this cmdlet gets TDE status.

Required? true

Position? 1

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

System.String

OUTPUTS

Microsoft.Azure.Commands.Sql.TransparentDataEncryption.Model.AzureSqlDatabaseTransparentDataEncryptionModel

NOTES

----- Example 1: Get TDE status for a database -----

```
Get-AzSqlDatabaseTransparentDataEncryption -ServerName "server01" -ResourceGroupName "resourcegroup01"  
-DatabaseName "database01"
```

ResourceGroupName	ServerName	DatabaseName	State
-----	-----	-----	-----
resourcegroup01	server01	database01	Disabled

This command gets the status of TDE for the database named Database01 on the server named server01.

RELATED LINKS

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

Set-AzSqlDatabaseTransparentDataEncryption

