

# Set-AzureRmSqlServerTransparentDataEncryptionProtector AuthorizationFailed

Last updated by | Soma Jagadeesh | Jan 10, 2021 at 9:46 PM PST

## Contents

- [Issue](#)
- [Investigation/Analysis](#)
- [Mitigation](#)
- [RCA \(optional\)](#)
- [More Information \(optional\)](#)
- [Public Doc Reference \(optional\)](#)
- [Internal Reference \(optional\)](#)
- [Classification](#)

## Issue

Set-AzureRmSqlServerTransparentDataEncryptionProtector AuthorizationFailed

## Investigation/Analysis

If customer only has permissions at resource group level they can get:

Set-AzureRmSqlServerTransparentDataEncryptionProtector : AuthorizationFailed: The client 'xxxx' with object id 'xx' does not have authorization to perform action 'Microsoft.Sql/locations/encryptionProtectorOperationResults/read' over scope

A custom role with the following action did not work:

```
$customRole.Actions.Add("Microsoft.Sql/locations/encryptionProtectorOperationResults/read")
```

## Mitigation

*customRole = Get - AzureRmRoleDefinition "SQLDBContributor"* *customRole.Id = null* [customRole.Name](#)

☒ = "encryptionProtectorOperationResults reader" *\$customRole.Description = "encryptionProtectorOperationResults reader"*

```
$customRole.Actions.Clear()
```

```
$customRole.Actions.Add("Microsoft.Sql/locations/*/read")
```

```
customRole.AssignableScopes.Clear() customRole.AssignableScopes.Add("/subscriptions/83c...")
```

```
$customRole.NotActions.Clear()
```

```
New-AzureRmRoleDefinition -Role $customRole
```

```
New-AzureRmRoleAssignment -RoleDefinitionName "encryptionProtectorOperationResults reader" -SignInName xxx -Scope "/subscriptions/83c..."
```

## RCA (optional)

## More Information (optional)

Keywords: Set-AzureRmSqlServerTransparentDataEncryptionProtector encryptionProtectorOperationResults  
Microsoft.Sql/locations/encryptionProtectorOperationResults/read

## Public Doc Reference (optional)

## Internal Reference (optional)

## Classification

Root cause tree: Security/User Request/How-to/advisory

## How good have you found this content?

