

# No authorization to perform action Microsoft.Sql

Last updated by | Balaji Barmavat | Nov 30, 2020 at 5:58 PM PST

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## Behavior:

When customers try to configure the Online migration for Azure SQL MI destination using DMS, the migration attempt fails.

## Error:

Restore Operation failed for operation Id 'd613b8e0-a770-4c76-91dc-c2e511df9d2a'. Code 'AuthorizationFailed', Message 'The client '4c11b5fb-4a57-4f98-9438-5c7efdb2d500' with object id '4c11b5fb-4a57-4f98-9438-5c7efdb2d500' does not have authorization to perform action 'Microsoft.Sql/locations/managedDatabaseRestoreAzureAsyncOperation/read' over scope '/subscriptions/InputSubscriptionId here'. The client '4c11b5fb-4a57-4f98-9438-5c7efdb2d500' with object id '4c11b5fb-4a57-4f98-9438-5c7efdb2d500' does not have authorization to perform action 'Microsoft.Sql/locations/managedDatabaseRestoreAzureAsyncOperation/read' over scope '/subscriptions/InputSubscriptionId here'.

## Error screenshot:

1.1

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Database migration errors →

Source server : 172.16.1.65

Source version : 14.0.3048.4

SQL Server 2017

Databases : 1

Application ID : f826bce7-2bfe-47c3-8ddd-efa939acbc80

Target server : [REDACTED].database.windows.net

Target version : 12.0.2000.8

Azure SQL Database Managed Instance

Type of activity : Online

Activity status : Failed

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DATABASE NAME	STATUS	DURATION	FINISH DATE
Limeade	Failed	00:03:35	3/8/2019, 11:30:17 AM

Error type

Database migration error

Error Detail

Restore Operation failed for operation Id 'd613b8e0-a770-4c76-91dc-c2e511d9d2a'. Code 'AuthorizationFailed', Message 'The client '4c11b5fb-4a57-4f98-9438-5c7efdb2d500' with object id '4c11b5fb-4a57-4f98-9438-5c7efdb2d500' does not have authorization to perform action 'Microsoft.Sql/locations/managedDatabaseRestoreAzureAsyncOperation/read' over scope '/subscriptions/[REDACTED]-c7-78-2359a'.

The client '4c11b5fb-4a57-4f98-9438-5c7efdb2d500' with object id '4c11b5fb-4a57-4f98-9438-5c7efdb2d500' does not have authorization to perform action 'Microsoft.Sql/locations/managedDatabaseRestoreAzureAsyncOperation/read' over scope '/subscriptions/[REDACTED]-af5d-4def-95dc-c7e78a33f59a'.

Still having trouble?

Use the [Feedback Forum for Azure Database Migration Service](#) to find answers to questions and share your feedback with us or send email to [dmsfeedback@microsoft.com](mailto:dmsfeedback@microsoft.com). Your feedback will be monitored and reviewed by the Azure Database Migration Service engineering team.

## Details:

Get-AzureADServicePrincipal can help list the display name of the app principal through object ID and verify in the IAM portal Access Control section the access on MI.

```
PS C:\Users\dusan.popovic > Get-AzureADServicePrincipal -ObjectId 4c11b5fb-4a57-4f98-9438-5c7efdb2d500
```

ObjectId	AppId	DisplayName
4c11b5fb-4a57-4f98-9438-5c7efdb2d500	f826bce7-2bfe-47c3-8ddd-efa939acbc80	SQLMI_App

Home > Subscriptions > SandBox - Resource groups > SQLManInst > devsqlmi - Access control (IAM)

devsqlmi - Access control (IAM)

SQL managed instance

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SQLMI\_App assignments - devsqlmi

Assignments for the selected user, group, service principal, or managed identity at this scope or inherited to this scope.

Search by assignment name or description

Role assignments (1) 0

## Solution:

The issue requires the app ID to be given contribute permissions on the subscription listed in the error message.

## Other workarounds:

Customers can use below documentation to provision 3 different roles as mentioned in below article.

There are 3 roles that we define – one for the user on Azure Portal and two for the AppID. If the customer wants to use this role definition instead of contributor access to the subscription, they would have to work with us to provide a private UI that would disable the access permission validation on the backend. If this is required, contact [sreramam@microsoft.com](mailto:sreramam@microsoft.com) for this private UI.

Caution: Use caution when suggesting this workaround and consider this as the last resort if there is a genuine business impact for not allowing to use contribute permission on subscription.

<<Custom Roles for DMS Online Migration.docx>>

## How good have you found this content?

