

Does not have authorization to perform the action

Last updated by | Vitor Tomaz | Aug 5, 2020 at 12:40 PM PDT

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Does not have authorization to perform the action

Issue

When trying to configure a new Vnet endpoint on the Azure SQL Server customer got this error:

Failed to update vnet rules for server: <servername>. ErrorCode: 502 ErrorMessage: Azure SQL Server Virtual Network Rule encountered permission error: The client 'xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxx' with object id 'xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxx' does not have authorization to perform action 'Microsoft.Network/virtualNetworks/taggedTrafficConsumers/validate/action' over scope '/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxx-xxxx-xxxx-xxxx-xxxx-xxxx/resourceGroups/<RGname>/providers/Microsoft.Network/virtualNetworks/<VNetname>/taggedTrafficConsumers/Microsoft.SQL'.

The error message is about not having authorization.

The Azure SQL Server was located on one subscription and the Vnet was located on another subscription

The customer was the owner of both subscriptions

Both Azure SQL Server and Vnet were on the same region

All the requirements documented were met.

RCA

The root cause was that the subscription where the Vnet was located didn't had the provider Microsoft.Sql registered.

Fix

Register the Microsoft.Sql provider on the subscription where the Vnet was located.

We can register the provider using the Azure portal or using powershell.

Using the Azure portal

Go to "Subscriptions" and then on the "Resource providers" we will see the list of providers.

Search for the "Microsoft.Sql" provider and the press the "register" link on the right.

The screenshot shows the Azure portal interface for a subscription named 'Microsoft Azure Internal Consumption'. The left sidebar contains navigation links for various services. The main area displays a table of resource providers. The 'Microsoft.Sql' provider is highlighted with a red arrow, and its 'Register' link is also highlighted with a red arrow.

PROVIDER	STATUS	Re-register	Unregister
Microsoft.Automation	Registered	Re-register	Unregister
Microsoft.Batch	Registered	Re-register	Unregister
Microsoft.Compute	Registered	Re-register	Unregister
Microsoft.Databricks	Registered	Re-register	Unregister
Microsoft.DataMigration	Registered	Re-register	Unregister
Microsoft.DBforMySQL	Registered	Re-register	Unregister
Microsoft.DBforPostgreSQL	Registered	Re-register	Unregister
Microsoft.Network	Registered	Re-register	Unregister
Microsoft.ResourceHealth	Registered	Re-register	Unregister
Microsoft.Security	Registered	Re-register	Unregister
Microsoft.Sql	Registered	Re-register	Unregister
Microsoft.Storage	Registered	Re-register	Unregister
Microsoft.Web	Registered	Re-register	Unregister
84codes.CloudAMQP	NotRegistered	Register	
AppDynamics.APM	NotRegistered	Register	
Aspera.Transfers	NotRegistered	Register	
Auth0.Cloud	NotRegistered	Register	
Citrix.Cloud	NotRegistered	Register	
CloudSimple.PrivateCloudIaaS	NotRegistered	Register	
Cloudyn.Analytics	NotRegistered	Register	

Internal Ref Doc - Using powershell

Read in more detail on this article: <https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-manager-supported-services>

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