Unable to create Vnet firewall rule

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Issue 1:

When adding a virtual network rule to allow 'enxtwe-bnet216 / 10.130.5.96/28', got an error: {'error': {'code':'OperationCancelled','message':'The operation has been cancelled by user.'}}

Kusto showed the cancelation right after the submission and Network resource provider returned following error:

'Subnets enxtwe-bnet109 of virtual network /subscriptions/*SubscriptionId**/resourceGroups/enxt-rg001/providers/Microsoft.Network/virtualNetworks/enxtwe-vnet001 do not have ServiceEndpoints for Microsoft.Sql resources configured. Add Microsoft.Sql to subnet's ServiceEndpoints collection before trying to ACL Microsoft.Sql resources to these subnets.'

Cause:

To successfully add Vnet firewall rule, you need to have service endpoints enabled on all subnets that have VNET firewall rules added to them and IgnoreMissingServiceEndpoint is not true. You do not need service endpoints enabled on all subnets. You will only have to enable SE on those subnets that had the VNET firewall rules on them.

Revision from case #118101225002342

Workaround:

See documentation here, Azure SQL DB - Get HTTP 409 when adding a firewall for the existing virtual network

Deprecated: Setting "Ignore missing Service Endpoint" to true when creating the rule.

Internal Reference

https://portal.microsofticm.com/imp/v3/incidents/details/79528783/home

Issue 2:

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

xxxxxxxxxxx/resourceGroups/<RGname>/providers/Microsoft.Network/virtualNetworks/<VNetname>/taggedTraf ficConsumers/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.

Cause

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

Mitigation

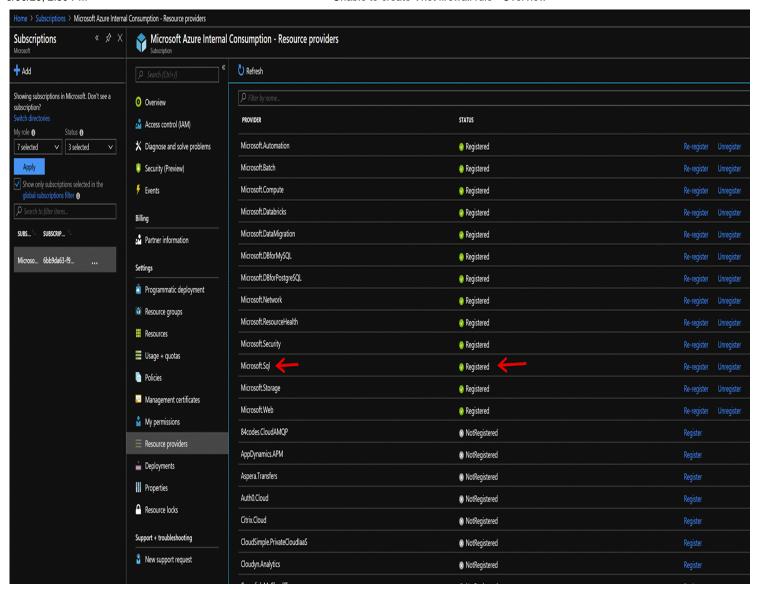
Register the Microsoft.Sql provider on the subscription where the Vnet was located.

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.



<u>Using powershell:</u>

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

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