

# Add Storage Account Endpoint to Managed Instance Subnet

Last updated by | Vitor Tomaz | Sep 15, 2020 at 7:45 AM PDT

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## Issue

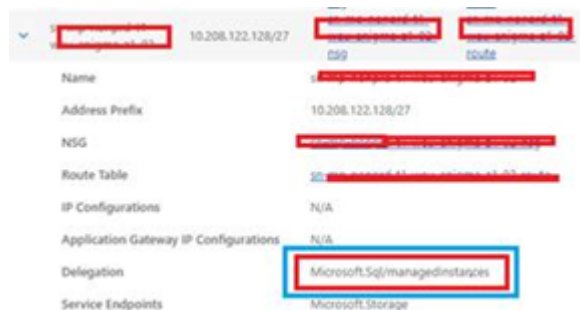
Customer cannot enable Storage Account Service Endpoint on the Managed instance subnet with error message "Found conflicts with NetworkIntentPolicy. Details: Subnet or Virtual Network cannot have resources or properties which conflict with network intent policy" "action": "Microsoft.Network/virtualNetworks/subnets/write"

Steps to re-produce\*: Open Storage Account --> Firewalls and virtual networks --> Selected networks --> Add existing virtual network --> (select managed instance subnet ) then Add

## Investigation/Analysis

MI Subnet should have delegate to "Microsoft.Sql/managedInstances" to enable Storage Account Endpoint. You can check the MI Subnet settings using **ASC**:

Open Vnet --> click on Subnets --> click on the MI Subnet:



## Mitigation

You can add delegate to an existing MI Subnet using Azure CLI command as below: `az network vnet subnet update \`

```
--resource-group myResourceGroup \  
--name mySubnet \  
--vnet-name myVnet \  
--delegations Microsoft.Sql/managedInstances
```


## More Information

Service-aided subnet configuration builds on top of virtual network subnet delegation feature to provide automatic network configuration management and enable service endpoints. Service endpoints could be used to configure virtual network firewall rules on storage accounts that keep backups / audit logs.

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-managed-instance-connectivity-architecture#service-aided-subnet-configuration> 

## Public Doc Reference

For more information about "Enabling subnet-delegation for existing deployments" please visit

<https://docs.microsoft.com/en-us/azure/sql-database/sql-database-managed-instance-enabling-service-aided-subnet-configuration#enabling-subnet-delegation-for-existing-deployments> 

## Root Cause Classification

MI Subnet should have delegate to "Microsoft.Sql/managedInstances otherwise enabling Storage Account Endpoint deployment will fail with error "Found conflicts with NetworkIntentPolicy. Details: Subnet or Virtual Network cannot have resources or properties which conflict with network intent policy"

## How good have you found this content?

