

Sprint 3 Review: Implement Network Security Configurations

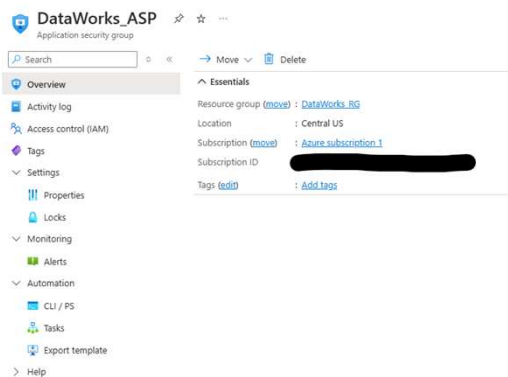
- ✓ Sprint Status - **Complete**
- ✓ Project Status - 42% Complete
- ✓ Items Completed - 10 Tasks
- ✓ Sprints Left for Completion - 4
- ✓ Project on Budget - **Yes**

Things to Demo	Quick Updates	What is Next
Task 1 Complete Configure Network Security Groups (NSG) and Application Security Groups (ASG)		Sprint 3 Complete compute, storage, and database security configurations
Task 2 Complete Set up Virtual Network Peering and VPN Gateway		
Task 3 Complete Enable encryption for ExpressRoute connections		

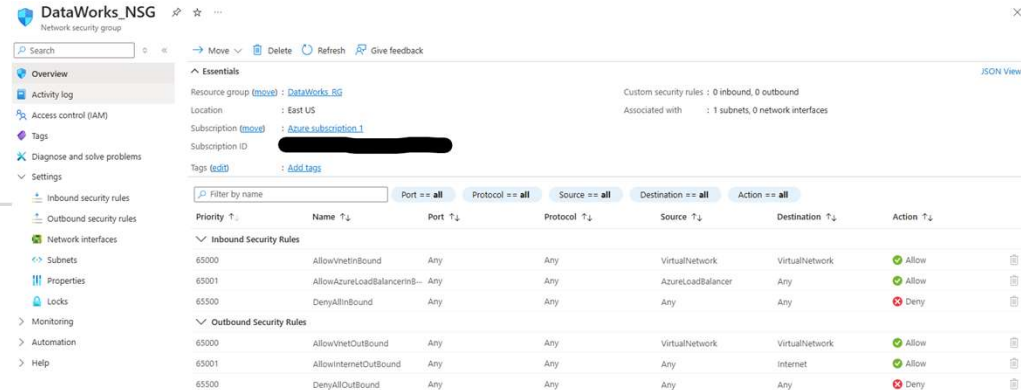
Sprint 3 - Task 1 Captures

Configure Network Security Groups (NSG) and Application Security Groups (ASG)

<https://learn.microsoft.com/en-us/training/modules/security-virtual-networks/3-network-security-groups-application-security-groups>



DataWorks
NSG Created



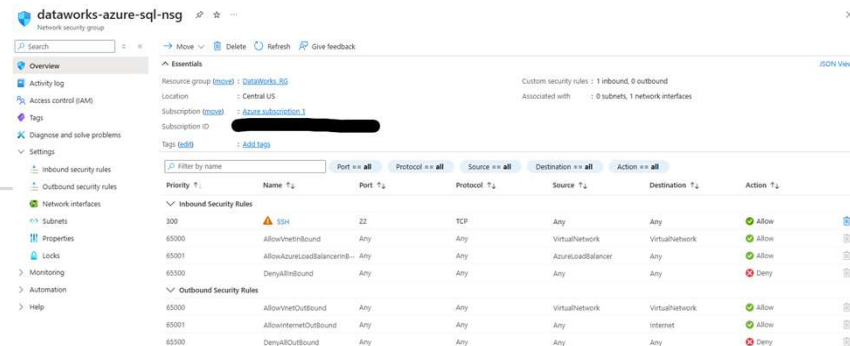
DataWorks
ASG Created

Sprint 3 - Task 1 Captures cont.

Configure Network Security Groups (NSG) and Application Security Groups (ASG)

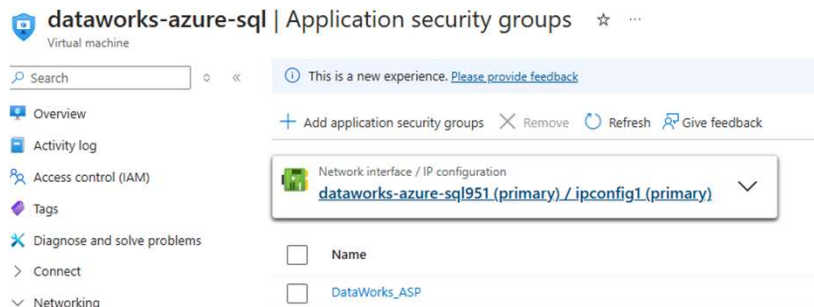
<https://learn.microsoft.com/en-us/training/modules/security-virtual-networks/3-network-security-groups-application-security-groups>

DataWorks NSG
Applied to
appropriate
systems



Priority	Name	Port	Protocol	Source	Destination	Action
300	SSH	22	TCP	Any	Any	Allow
65000	AllowVnetInbound	Any	Any	VirtualNetwork	VirtualNetwork	Allow
65001	AllowAzureLoadBalancerInbound	Any	Any	AzureLoadBalancer	Any	Allow
65000	DenyAllInbound	Any	Any	Any	Any	Deny
65000	AllowVnetOutbound	Any	Any	VirtualNetwork	VirtualNetwork	Allow
65001	AllowInternetOutbound	Any	Any	Any	Internet	Allow
65000	DenyAllOutbound	Any	Any	Any	Any	Deny

DataWorks ASG
Applied to
appropriate
systems



dataworks-azure-sql | Application security groups

Virtual machine

Search

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Connect

Networking

This is a new experience. [Please provide feedback](#)

+ Add application security groups X Remove Refresh Give feedback

Network interface / IP configuration

dataworks-azure-sql951(primary) / ipconfig1(primary)

☐ Name

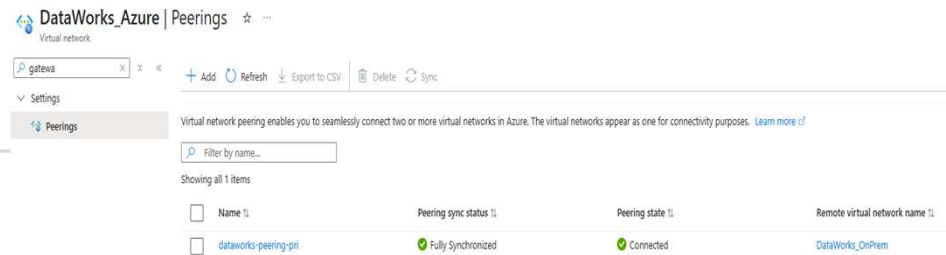
☐ DataWorks_ASP

Sprint 3 - Task 2 Captures

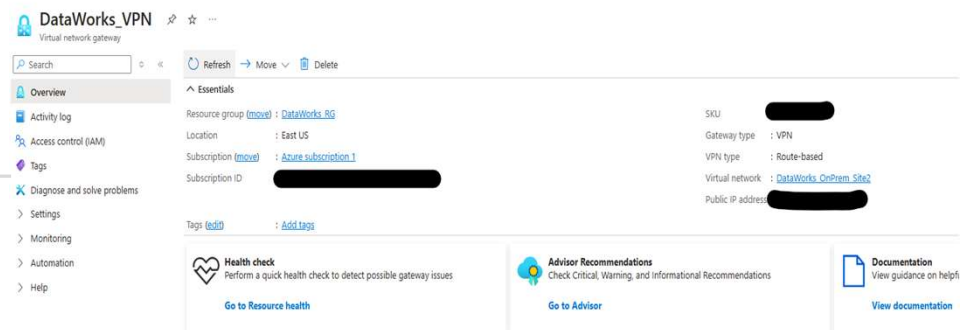
Set up Virtual Network Peering and VPN Gateway

<https://learn.microsoft.com/en-us/training/modules/security-virtual-networks/5-virtual-network-peering-gateways>

DataWorks Virtual
network peering
Created



DataWorks VPN
Created

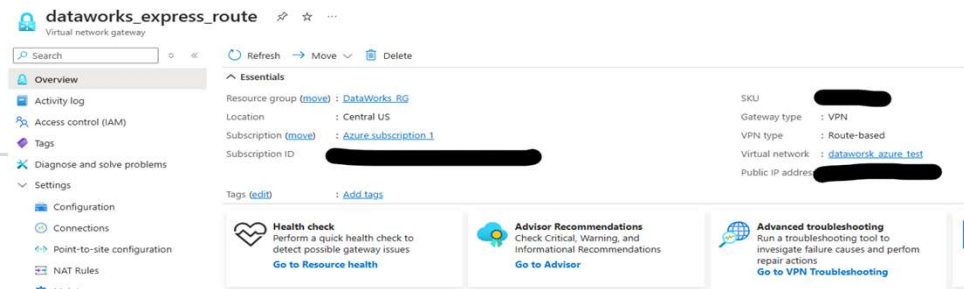


Sprint 3 - Task 3 Captures

Enable encryption for ExpressRoute connections

<https://learn.microsoft.com/en-us/training/modules/security-virtual-networks/9-expressroute-encryption>

DataWorks Express
Route Created



DataWorks
ExpressRoute and
VPN Vnets
Connection
successful

