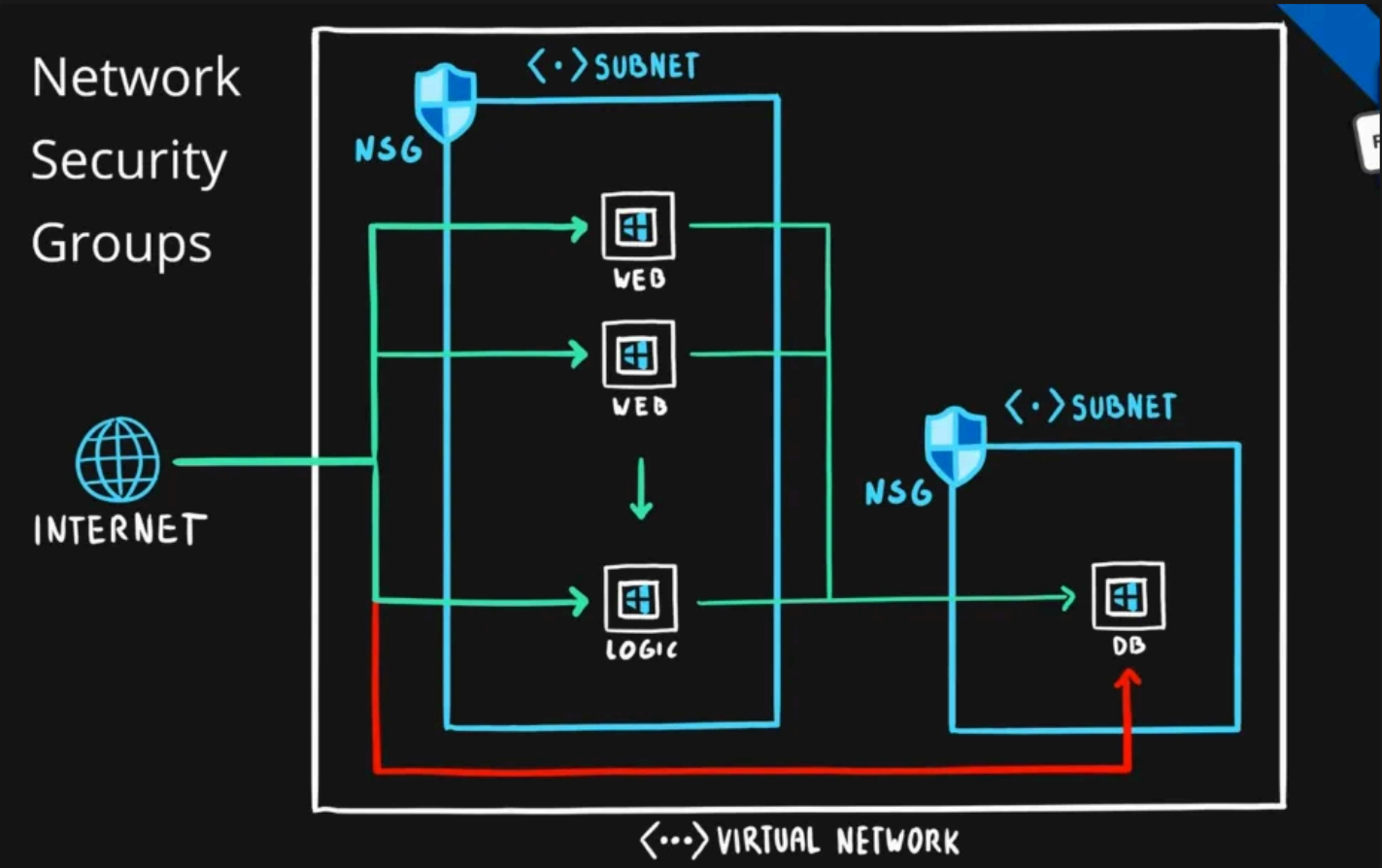


Azure Security Groups

Skills Learned

- Describe Network Security Groups (NSG)
- Describe Application Security Groups (ASG)



0-vm > amdemo-vm-nsg

Inbound security rules

+ Add Default rules Refresh

Priority	Name
100	⚠ RDP
65000	AllowVnetInBound
65001	AllowAzureLoadBalancerIn
65500	DenyAllInBound

RDP amdemo-vm-nsg

Save Discard Basic Delete

Source * ⓘ Any

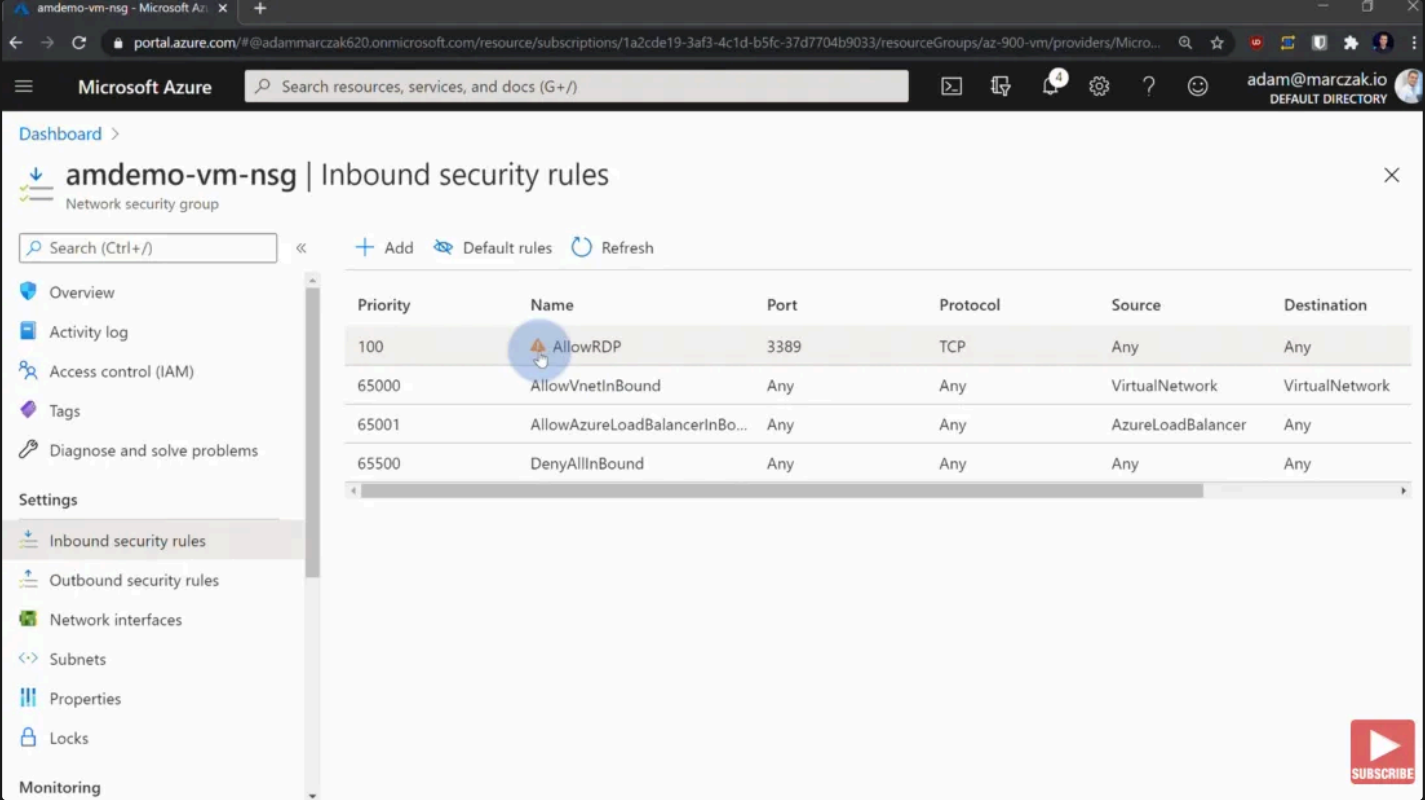
Source port ranges * ⓘ *

Destination * ⓘ Any

Destination port ranges * ⓘ 3389

Protocol * Any TCP UDP ICMP

Action * Allow Deny



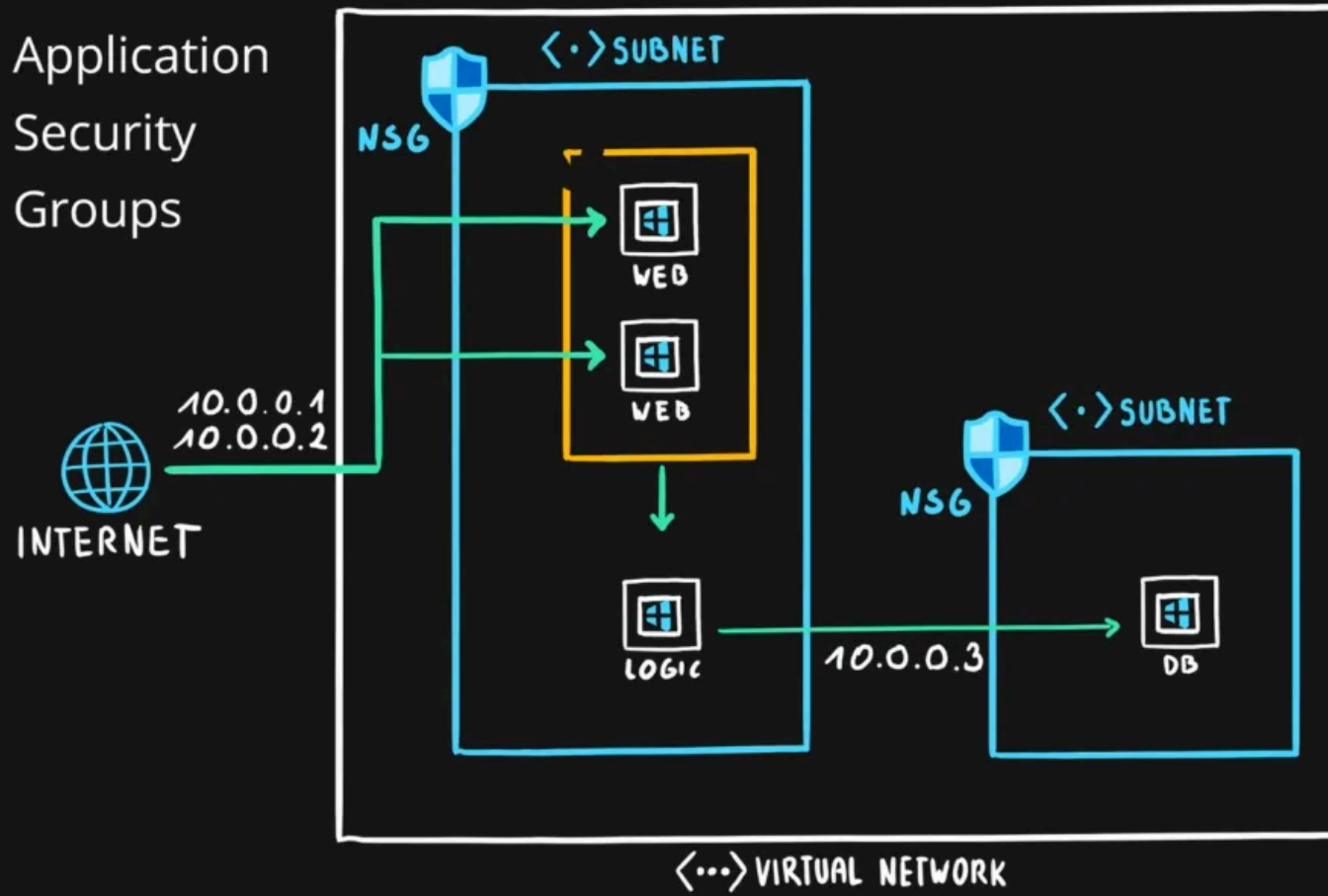
Key Characteristics

- Designed to **filter traffic** to (**inbound**) and from (**outbound**) Azure resources **located in** Azure **Virtual Network**
- Filtering controlled by **rules**
- Ability to have **multiple** inbound and outbound **rules**
- Rules are created by specifying
 - Source/Destination** (IP addresses, service tags, application security groups)
 - Protocol** (TCP, UDP, any)
 - Port** (or Port Ranges, ex. 3389 – **RDP**, 22 – **SSH**, 80 **HTTP**, 443 **HTTPS**)
 - Direction** (inbound or outbound)



Application Security Groups

Application Security Groups



Key Characteristics

- Feature that allows [grouping of virtual machines](#) located in Azure virtual network
- Designed to [reduce the maintenance effort](#) (assign ASG instead of the explicit IP address)

