Azure Security Groups
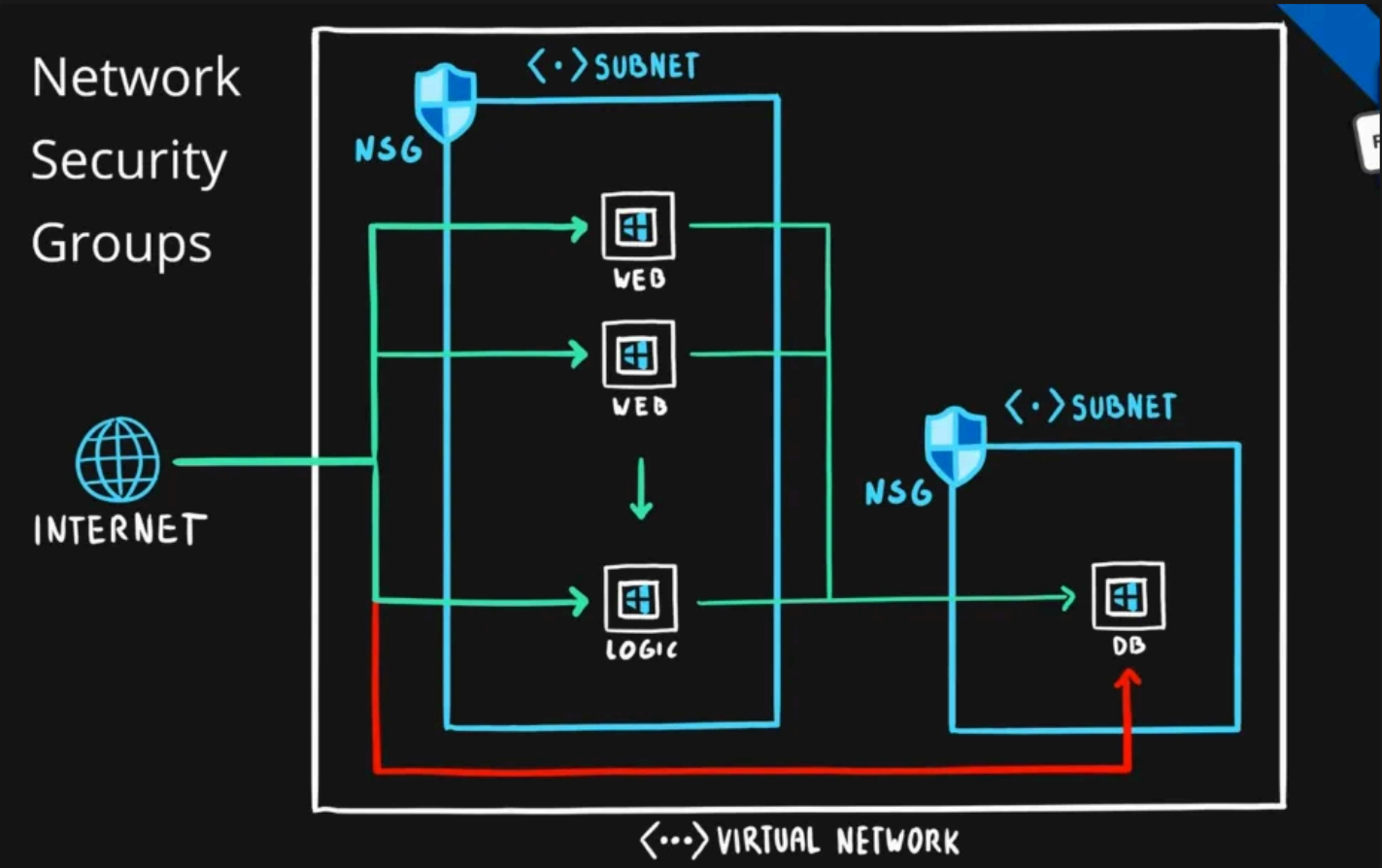
Skills Learned

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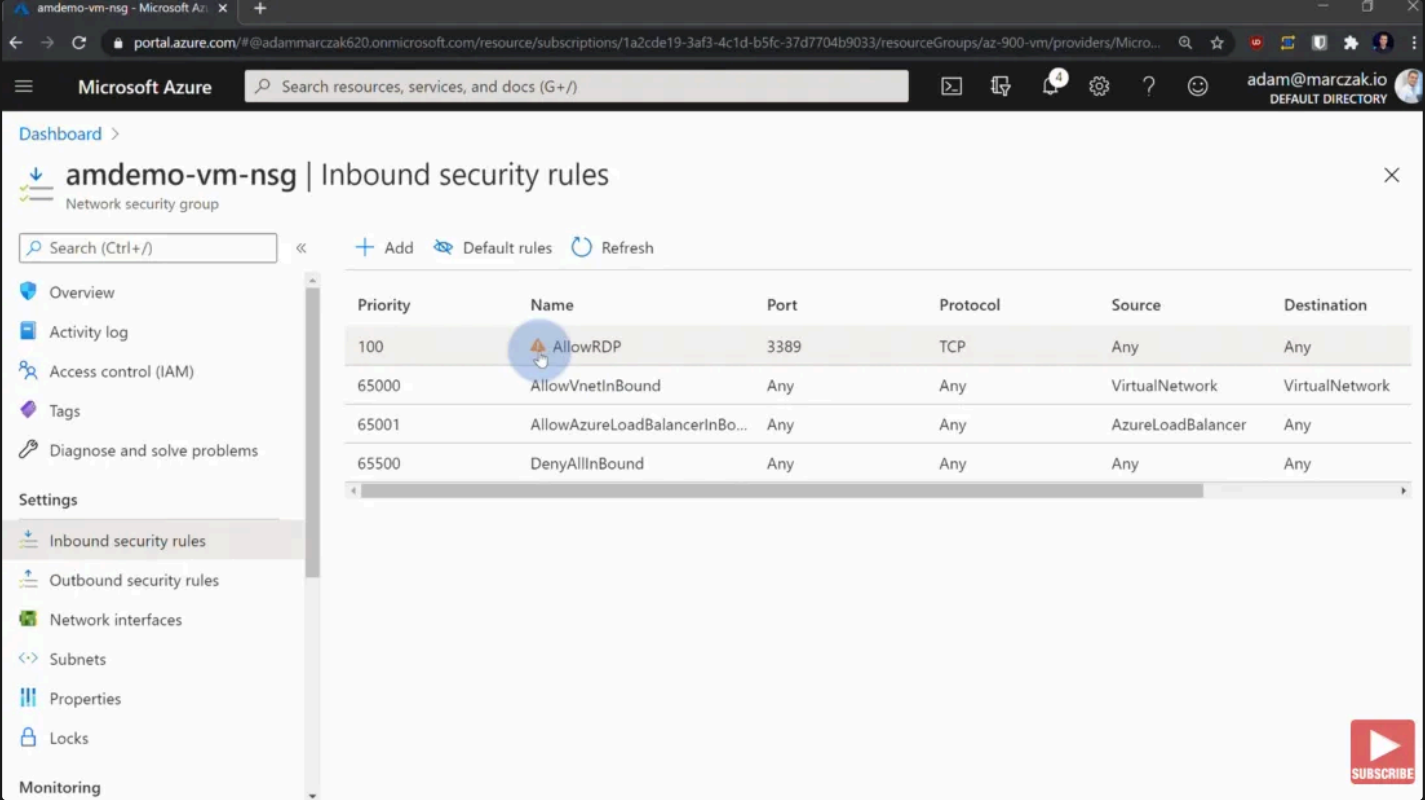
Key Characteristics

- Designed to filter traffic to (inbound) and from (outbound) Azure resources located in Azure Virtual Network
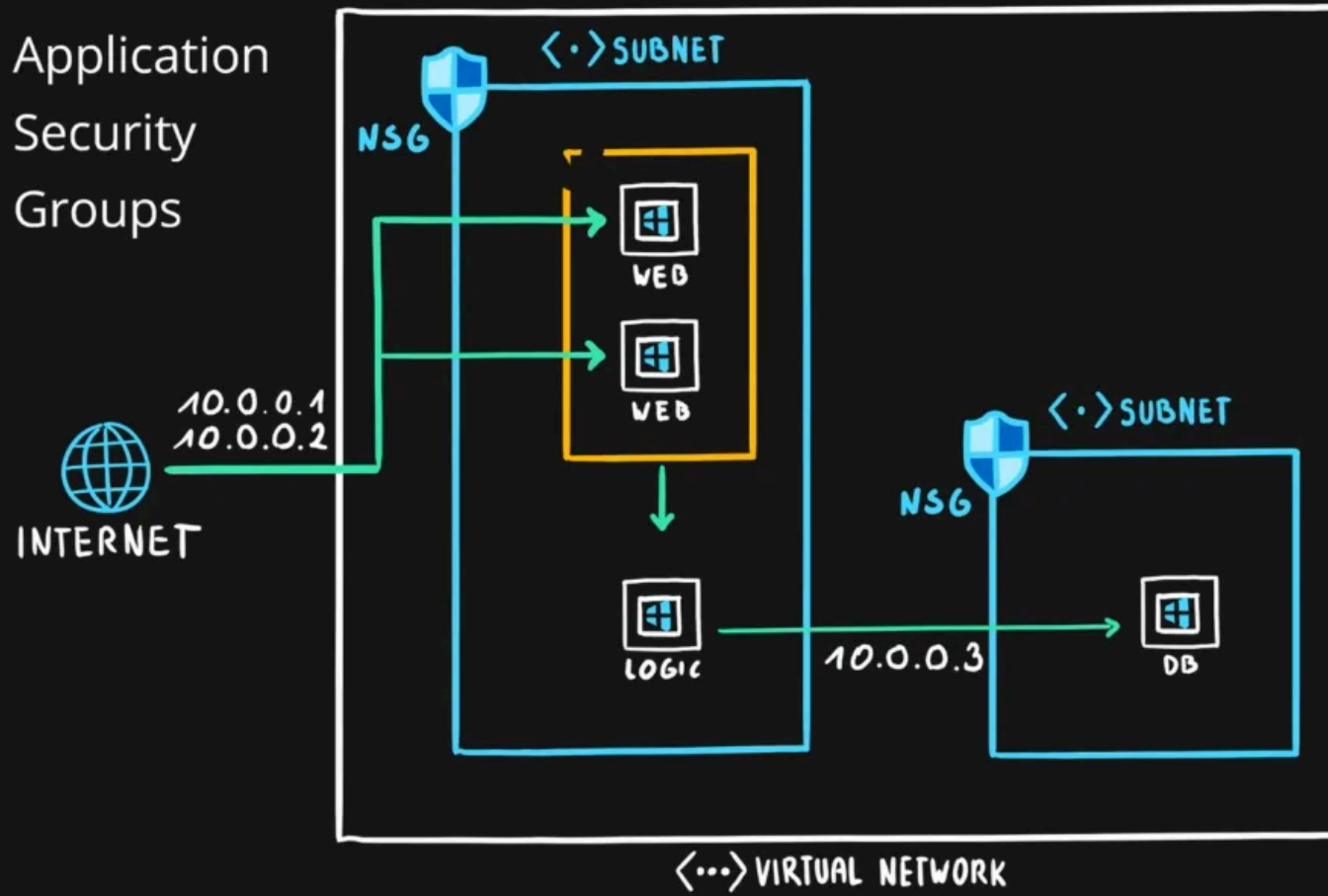
- Filtering controlled by rules

- 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

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)