Interview Questions
Domain: Cloud Security
Question 1

In order control access to a cloud network there are actually a few steps that would need to be taken. The first step would be to determine who would be needing to access this network and what it would be used for. In project 1 we deployed a cloud network that we were required to create from the virtual network down to the load balancer helping to regulate the flow of traffic. Using the network security group created for the virtual network we were able to deny/grant access to the network using inbound security rules. The rules can be configured to allow/deny one IP or a multitude of IP addresses and regulate what can actually be done by them. In order to control access to the cloud network a jump box could be provisioned for which could dictate that only authorized people would be able to access the network by providing an added safety measure or a "jumping in" point more or less. NSGs (Network Security Groups) can be configured to only allow specific traffic, specific access ports or even block everything incoming if there was an issue or concern with the security of the network.

The best way to implement access controls to limit access to the network using the NSGs.

This could also have a negative outcome if the authorized persons IP address changed. I ran into this issue multiple times and had to go back into the rules and change any rule requiring my specific IP address in order to access the network.