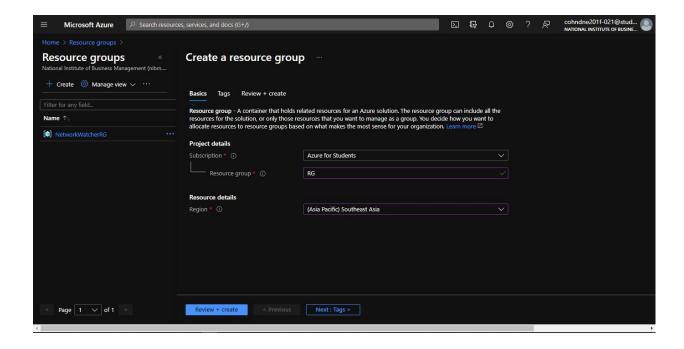
COURSE WORK

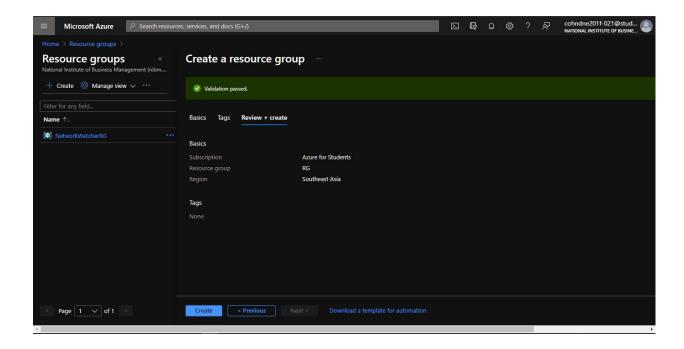
Azure Firewall



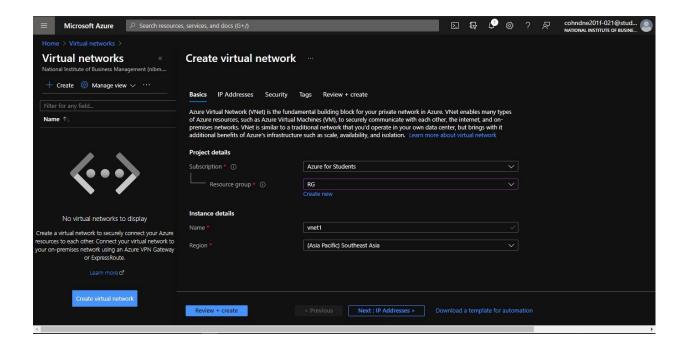
CREATING RESOURCE GROUP



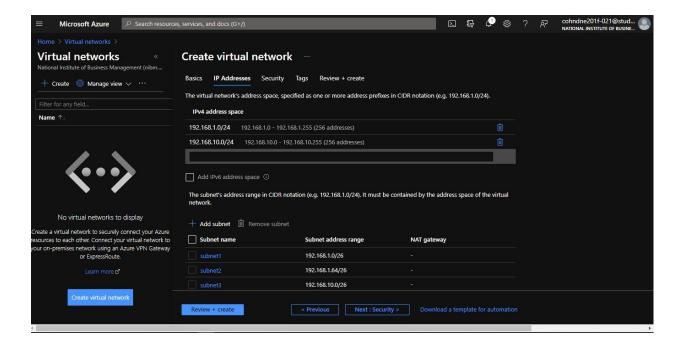
VALIDATION PASSED



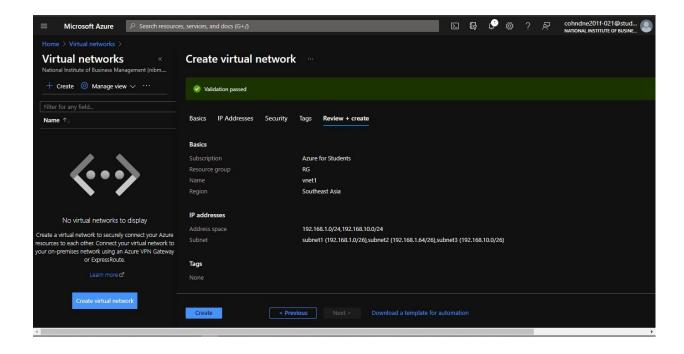
CREATE VIRTUAL NETWORK



ASSIGN IP ADDRESS TO VNET



VALIDATION PASSED



VERIFICATION

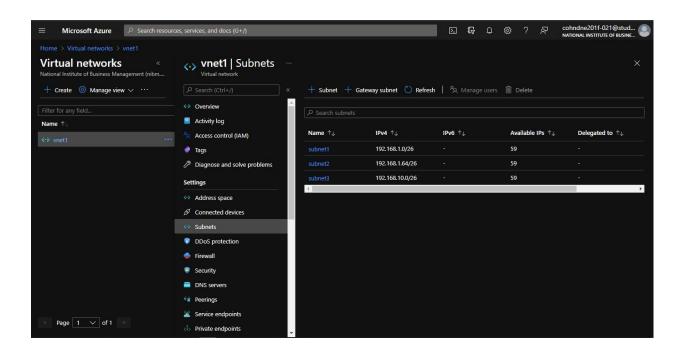
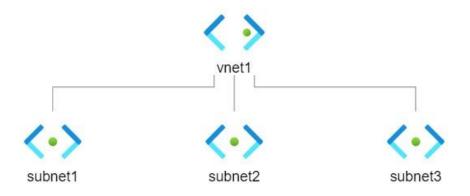


DIAGRAM OF SUBNETS



MAKING VIRTUAL MACHINE THROUGH POWERSHELL

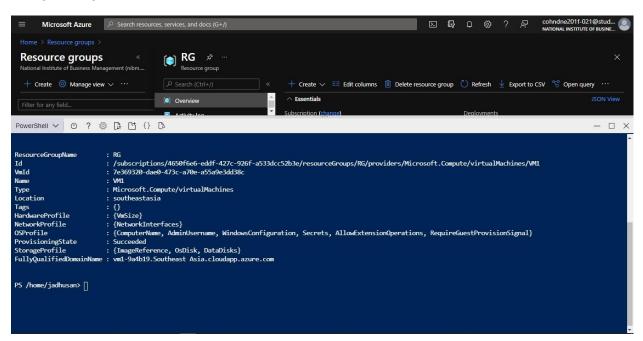
New-AzVm`

- -ResourceGroupName "RG" `
- -Name "VM1" `
- -Location "Southeast Asia" `
- -VirtualNetworkName "vnet1" `
- -SubnetName "subnet1" `
- -PublicIpAddressName "vm1PubAdd" `
- -OpenPorts 3389`
- -Image "Win2012R2Datacenter" `
- -Size "Standard_DS1_v2"

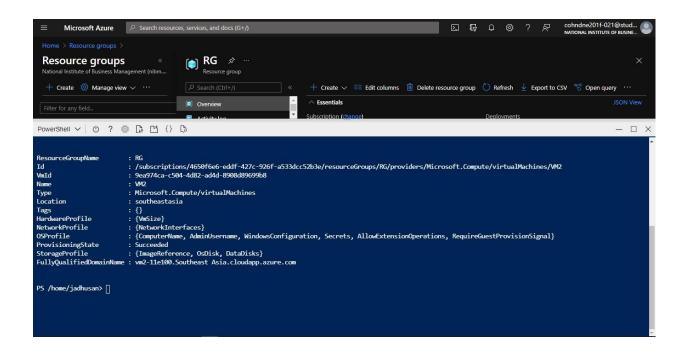
New-AzVm `

- -ResourceGroupName "RG" `
- -Name "VM2" `
- -Location "Southeast Asia" `
- -VirtualNetworkName "vnet1" `
- -SubnetName "subnet2" `
- -PublicIpAddressName "vm2PubAdd" `
- -OpenPorts 3389 `
- -Image "Win2012R2Datacenter" `
- -Size "Standard_DS1_v2"

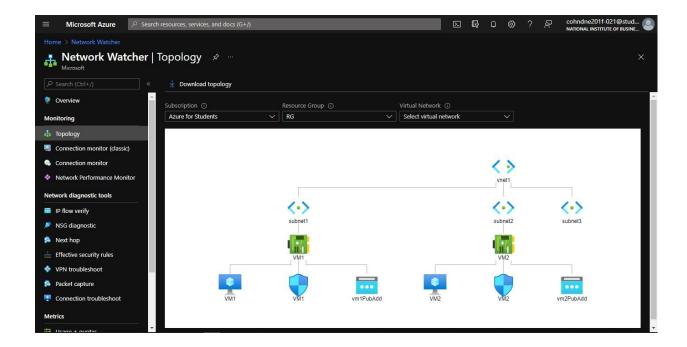
VIRTUAL MACHINE 1



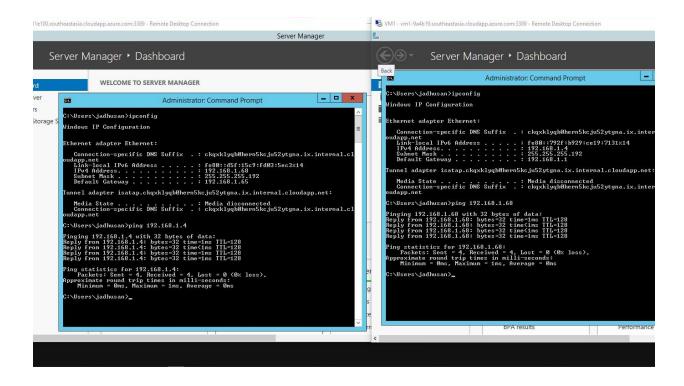
VIRTUAL MACHINE 2



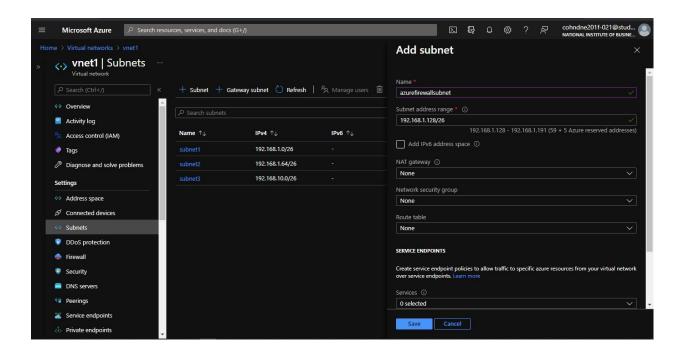
CURRENT TOPOLOGY VIEW



CONNECTION BETWEEN SUBNET IN VIRTUAL MACHINE



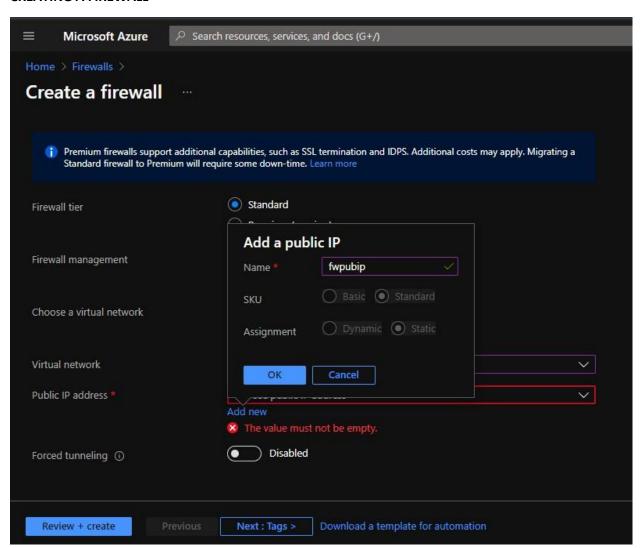
FIRST YOU MUST ADD FIREWALL SUBNET



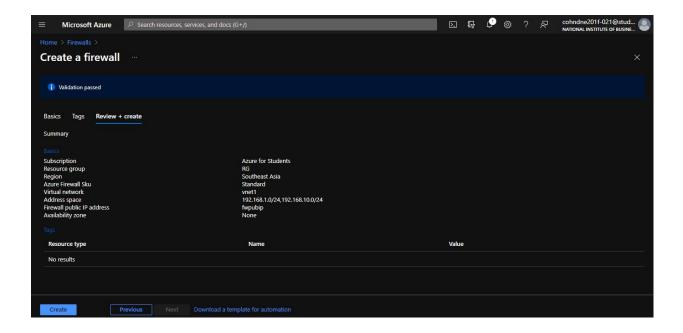
VERIFICATION

Name ↑↓ subnet1	IPv4 ↑↓ 192.168.1.0/26	IPv6 ↑↓ -	Available IPs ↑↓	Delegated to ↑↓	Security group $\uparrow\downarrow$	
subnet2	192.168.1.64/26		58			
subnet3	192.168.10.0/26		59			
azurefirewallsubnet	192.168.1.128/26		59			

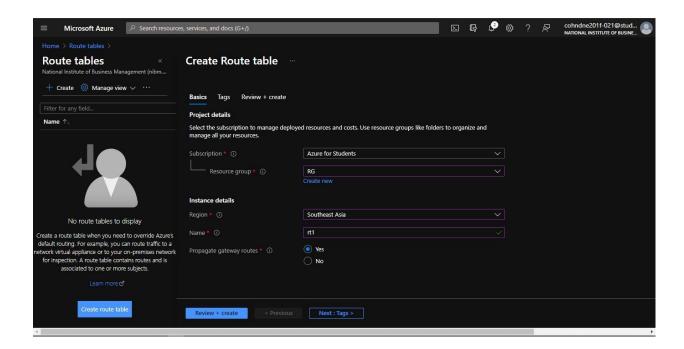
CREATING A FIREWALL



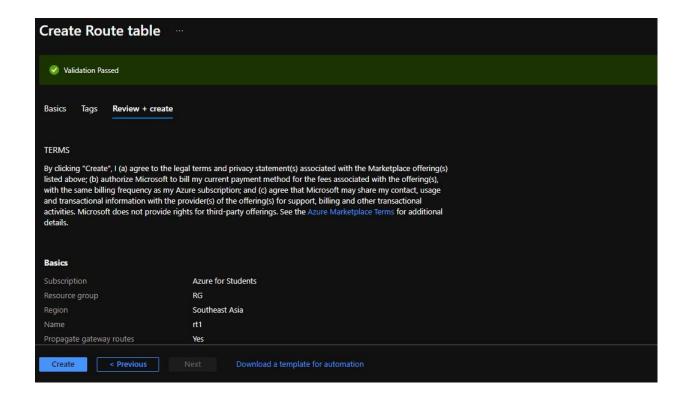
VALIDATION



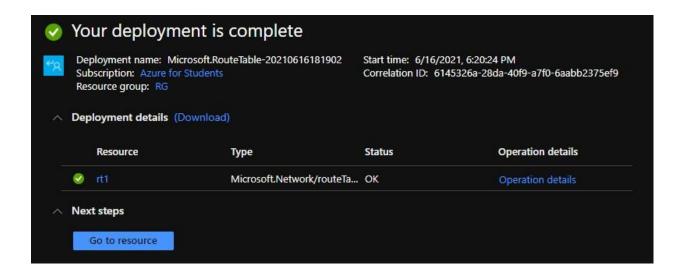
CREATE THE ROUTE TABLE.



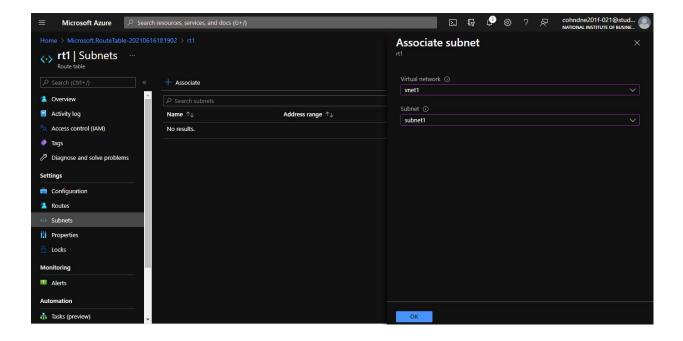
VALIDATION



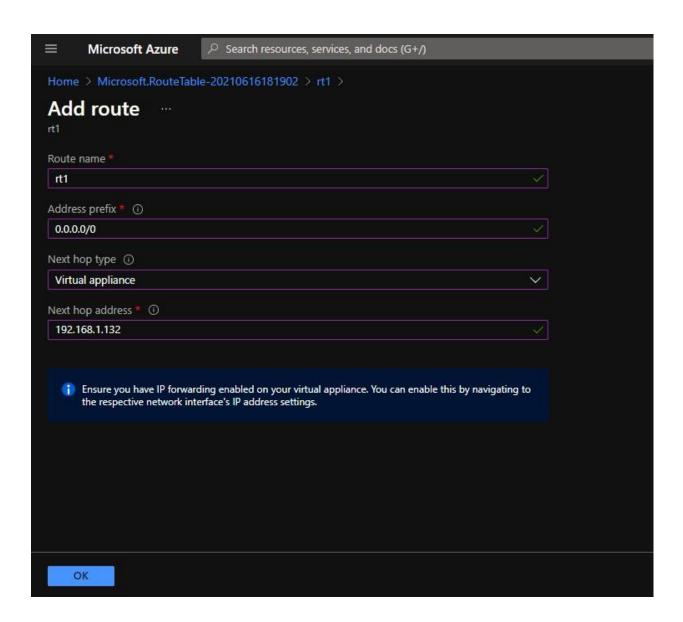
VERIFICATION



ROUTE TABLE 1 SUBNETS



ADDING THE ROUTE.



VERIFYING IP ADDRESS

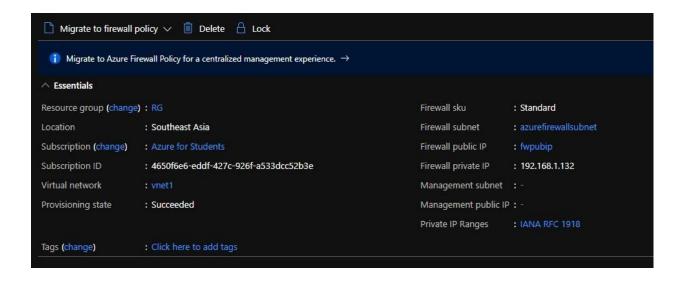
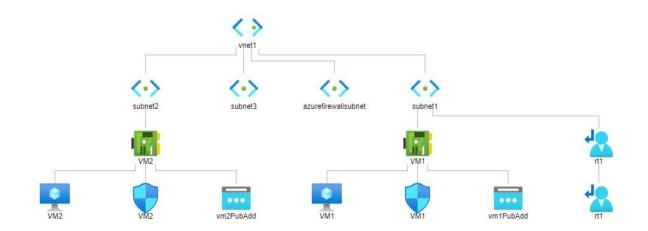
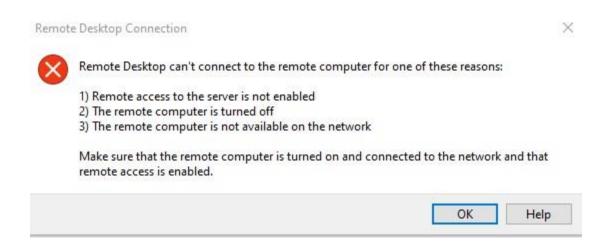


DIAGRAM AFTER FIREWALL

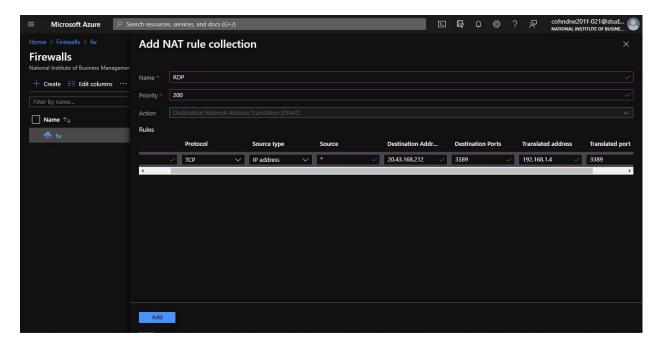


BY DEFAULT, ALL THE TRAFFIC IS DENIED

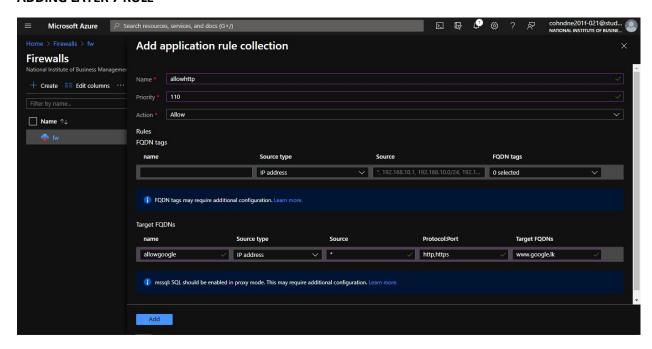


ADDING NAT RULE

FOR RDP



ADDING LAYER 7 RULE



VERIFYING

