Azure Virtual network

NSG rule - open 8080 port

Guard of VM

NSG - network security group

65000 + ports on host machine

Azure Network

Airtel/ Jio / Idea

VM-HCL

IP provider

Public Network

Private Network

Public IP / Private IP

10.22.7.9

Authenticator

What is a NIC?

terraform init - initialize the plugins and create the lock for code written

terraform validate - It checks syntax error in code

terraform fmt - Code ko sundar banayega

terraform plan - It shows the output of code i.e what is going to change or create or delete on portal

terraform apply - it finally apply the code

RG

first req

Implicit dependencies

```
location              = azurerm_resource_group.example.location
resource_group_name   = azurerm_resource_group.example.name
```

Vnet

---

mujhe 8080 port se entry dedo

8080

NSG rule - allow him through 8080 port

Network policy

Azure network

IP Address- 10.5.6.7

DevOps Role & responsibilities

SCM - source code mgmt

Application Developer

Repository - git / azure repo

Devops Engineer

docker

Repository - ACR (AZure container registery)

Application build

Dockerfile

Azure tools / open source - terraform / kubernetes / azure pipelines / argoCD