NAS\_FIN\_VPC:

- CIDR BLOCK: 10.0.0.0/16

- Enable DNS host name

Create NAS\_FIN\_IGW:

- Attash the igw at 0.0.0.0/0

provision 6 subnet:

NAS\_FIN\_SN\_PUBLIC1:

- US east-1a

- CIDR block: 10.0.0.0/20

NAS\_FIN\_SN\_PRIVATE1:

- US east-1a

- CIDR BLOCK: 10.0.128.0/20

NAS\_FIN\_SN\_PRIVATE3:

- US east-1a

- CIDR BLOCK: 10.0.160.0/20

NAS\_FIN\_SN\_PUBLIC2:

- US-east-1b

- CIDR BLOCK: 10.0.16.0/20

NAS\_FIN\_SN\_PRIVATE2:

- US east-1b

- CIDR BLOCK: 10.0.160.0/20

NAS\_FIN\_SN\_PRIVATE4:

- US east-1b

- CIDR BLOCK: 10.O.176.0/20

PROVISION ROUTE TABLES:

- NAS-FIN-main-RT: auto-assigned

- NAS\_FIN\_PUBLIC\_RT: - # destination is 0.0.0.0/0 - igw

- Associate with public subnets

- target is IGW

- NAS\_FIN\_PRIVATE\_RT: - # destination is nat-gate-way to internet

- associate with the 4 private subnets

- target is nat gate way through the public\_subnet\_1a

create NAS\_FIN\_NAT-gaste-way:

provision security groups: - # 5 security groups will be created

- NAS\_FIN\_ALB\_SG:

- Inbount role: - HTTP - 80 - # From any where(0.0.0.0/0)

- HTTP - 443 - # From any where(0.0.0.0/0)

- NAS\_FIN\_ECIP\_SG: - # EC2 Connect endpoint

- INBOUNT ROLE: - SSH - 22 - # from vpc CIDR block- 10.0.0.0/16

- NAS\_FIN\_Webser\_SG: - HTTP - 80 - # From NAS\_FIN\_ALB\_SG

- HTTPS \_ 443 - # from NAS\_FIN\_ALB\_SG

- SSH - 22 - # FROM NAS\_FIN\_ECIP\_SG

- NAS\_FIN\_DATABASE\_SG: - MYSQL/AURORA - 3306 - # FROM NAS\_FIN\_Webser\_SG

- NAS\_FIN\_EFS\_SG: - NFS - 2049 - # FROM NAS\_FIN\_Webser\_SG

- SSH - 22 - # FROM NAS\_FIN\_ECIP\_SG--- Create and then go back to NAS\_FIN\_SG

- NFS - 2049 - # from NAS\_FIN\_EFS\_SG ---according ton documentation

- EC2 INSTANCE ENDPOINT CREATION:

- create endpoint: NAS\_FIN\_ECIP\_EP - Ec2 connect

- NAS\_FIN\_VPC

- choose NAS\_FIN\_ECIP\_SG

- choose NAS\_FIN\_SN\_PRIVATE1

- ctreate a test-ec2 instance:

- connect using ec2-instance connect or use ssm to connect