Scenario – 2

Region- 1 – North Virginia

Create an VPC, with 192.168.0.0/22

30 IP's in each Network

Create 6 Subnets.

ALL Subnets should have IPv4 and IPV6,

Subnet 1,2and 5,6 should be using the MAIN **Routing Table.**

This should hve the INTERNET GATEWAY as the Default Routing in Routing Table

Subnet 3 and 4 should be using the Separate Routing table created by YOU.

This should hve the NAT GATEWAY as the Default Routing in Routing Table.

Create 2 Machines both Linux.

EC2 – 1 – on Subnet 1 – Should have IPV6 and IPV4 (Private and Public IP)

EC2 – 2 – on Subnet 3 – Should have IPV6 and IPV4 (Private IP)

Security Group.

Allow,

INBOUND – SSH, http, icmpv4, icmpv6, 8080

Outbound – All traffic

Region- 2 – Oregon

Create an VPC, with 192.168.64.0/22

200 IP's in each Network

Create 6 Subnets.

ALL Subnets should have IPv4 and IPV6,

All Subnets part of the same MIAN Routing Table.

Create 1 Machine -- Windows.

EC2 – 1 – on Subnet 1 – Should have IPV6 and IPV4 (Private and Public IP)

Security Group.

Allow,

INBOUND – RDP, http, icmpv4, icmpv6, 8080

Outbound – All traffic

Create – VPC – Peering Connections from North Virginia and Oregon, with Updating the Routing Tables on both the ends so that all the EC2 instance can "PING" each other.