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Assignment 6- Pair Two VPC of different zone

Step 1:

Select N Virginia Region and create following:

Please note we to perform same operation in both selected Zone (N Virginia and Ohio)

Graphical user interface, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Get subnet enable for auto assignment of IP’s.

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Get new IG attached with custom VPC

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

For traffic management assigned custom subnet to custom Route Table, enable it for all IP’s.

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Step 2:

New select different Region (Ohio) and create following, repeat all above steps.

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Step 3:

Now create Linux EC2 instance for both region and assign custom VPC – subnet

Make sure you have appropriate Security Group and Key Pair exist.

Graphical user interface, text, email

Description automatically generated

Graphical user interface

Description automatically generated with medium confidence

Step 4:

Create Peering request form Virgin region VPC for Ohio region and accept same by going in Ohio region.

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Step 5:

Update routing to accept another region custom IP range

Graphical user interface, text, application, chat or text message, email

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Step 6:

Do SSH using .ppk choose agent Forwarding and Pageant to login. Check for Internet we can hit <**sudo su**> to check custom private IP.

We should be able to SSH from one region instance to the another EC2 instance.

Graphical user interface, application

Description automatically generated