**VPC peering with same region**

1. Virtual private cloud(VPC):-

vpc dashboard crate application vpc and admin vpc with cidr notation of 20.20.0.0/16 and 40.20.0.0/16 and save

1. Create internet gateway to vpc (specify the name of internet gateway and save)
2. Go to actions tab and Attach the internet gateway to vpc
3. Create subnets to vpc both application and admin vpc with cidr notation 20.20.10.0/24 and 40.20.10.0/24(here 3rd digit must be changed) and save
4. Goto routes every subnet has a one default routing table no need to create new routing table and speify name for routing table like appmrtb and admrtb
5. Next goto subnet associations –edit subnet association—add application subnet and admin subnet and save
6. peering connections -- create peering --- specify peering name and specify the vpc requester and vpc accepter and save
7. select the peering ---goto actions --- accept the peering
8. modify the both cidr notations are interchanged to each othe like application vpc cidr notaion attach to admin vpc and

admin vpc cidr notation attach to application vpc in routes and save.

1. Ec2 instance:-

Create two instance application instance and admin instance

Application Launch instance—ami lynux—application vpc—auto sign-enable—next-alltrafic – anyware – review and launch – create pem key – next – launch.

Admin Launch instance—ami lynux—admin vpc—auto sign-enable—next-alltrafic – anyware – review and launch – exsiting pem key – next – launch.

1. Putty login:-

Login putty both application instance public ip and admin instance public ip

enter ec2-user in both sessions

give command to switch ec2-user to root user—sudo su

ping google.com -----to stop ping ctrl + c

do ssh configuration command – vi /tmp/pem key name -- esc ----:wq!(save)

give user level permissions command --- chmod /tmp/pemkey name

create a file --- touch happy

ls—happy

edit file --- cat > happy(file name) add data and ctrl+d (save)

copy the file name to admin instance ---- scp –i /tmp/pemkey name file name ec2-user@admin instance private ip:/home/ec2-user/---enter---yes

check admin instance with ls command----file name will show (which is created in application instance).

copy the file name to application instance ---- scp –i /tmp/pemkey name file name ec2-user@application instance private ip:/home/ec2-user/---enter---yes.

check admin instance with ls command----file name will show (which is created in application instance).