VPC --VIRTUAL PRIVATE CLOUD

VPC – NETWORK ENGINEERING

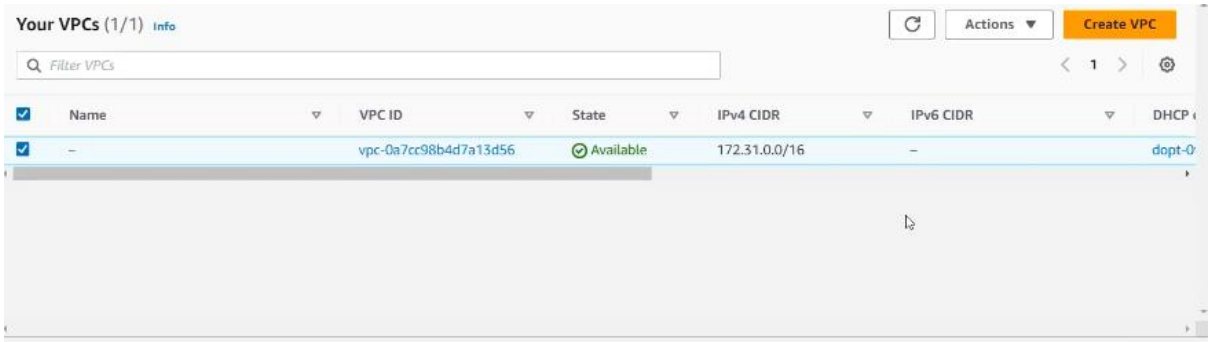
0-255 IP ADDRESS

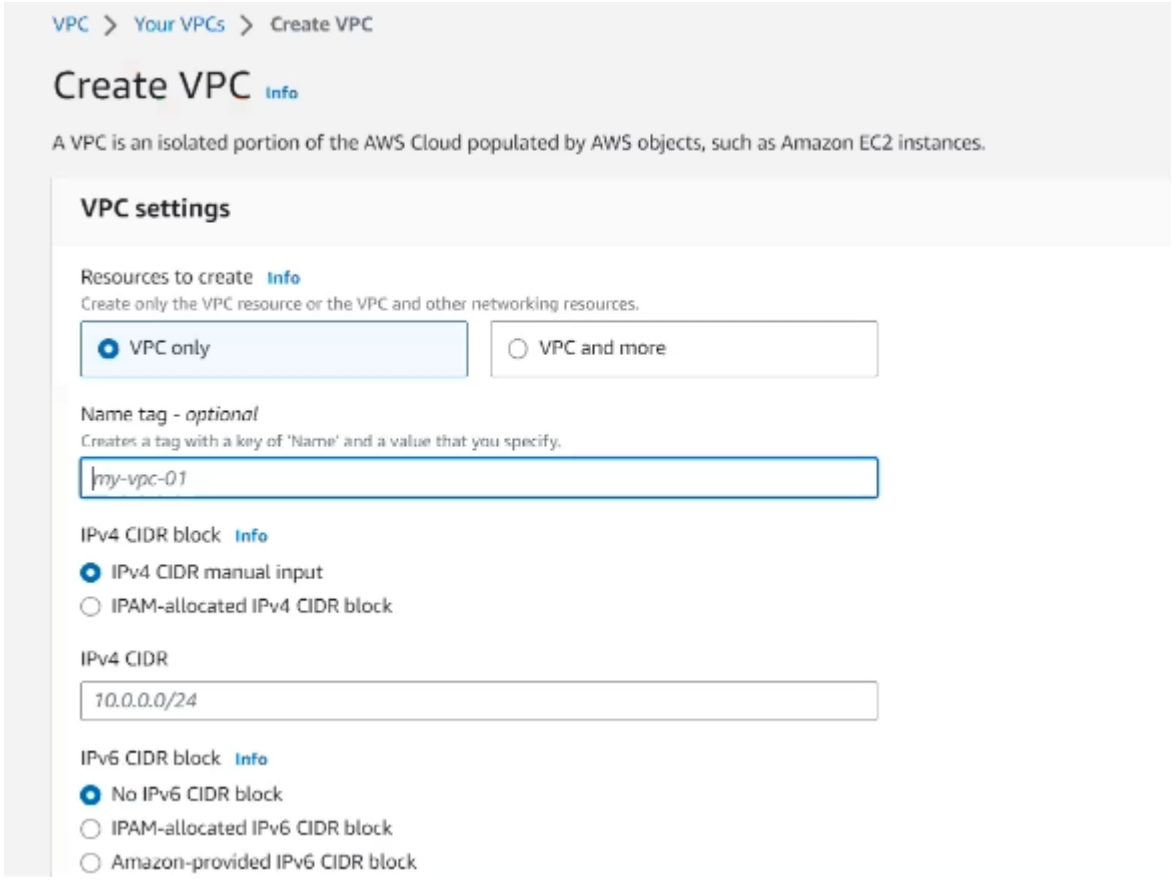
10.0.0.0 - 10.0.0.50

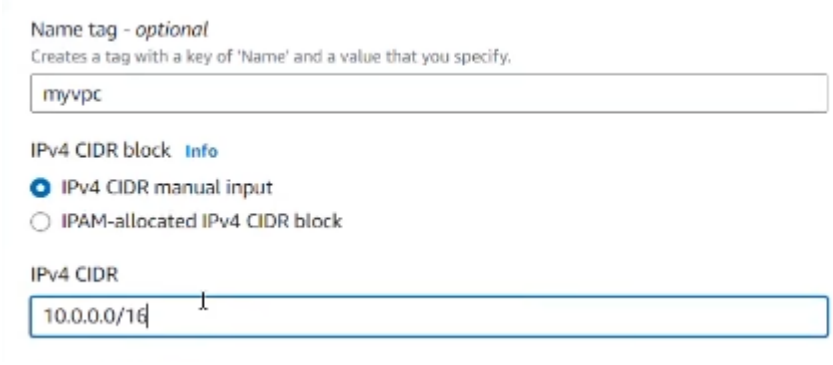
8 8 8 8 = 32bit ipv4

Ipv6 == aa12.bb32 alphanumeric

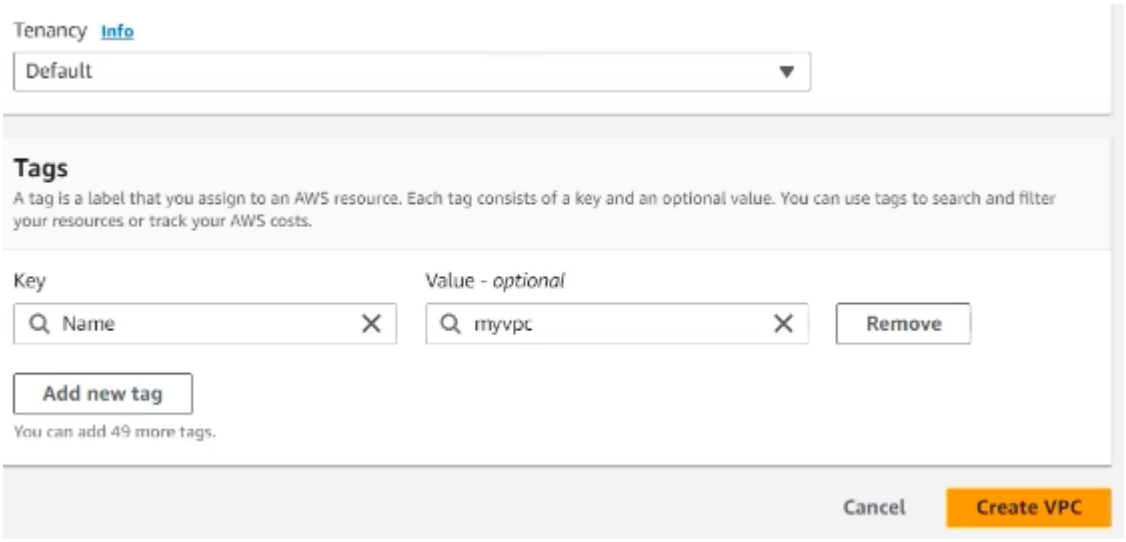
(*) create vpc



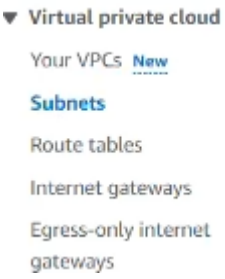




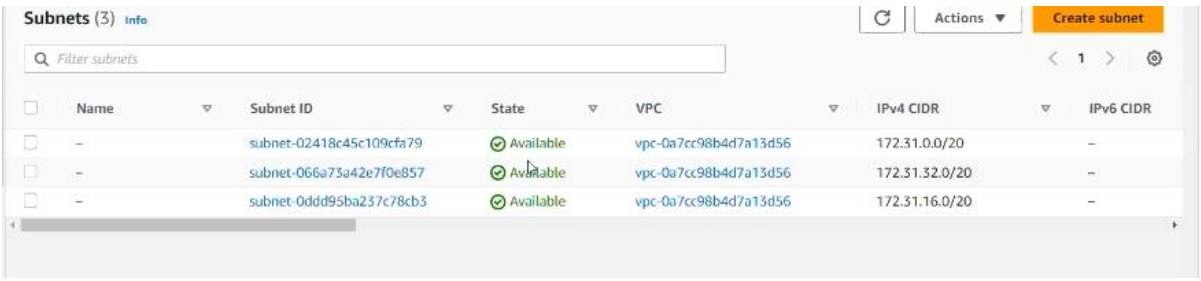
(*) tenancy default

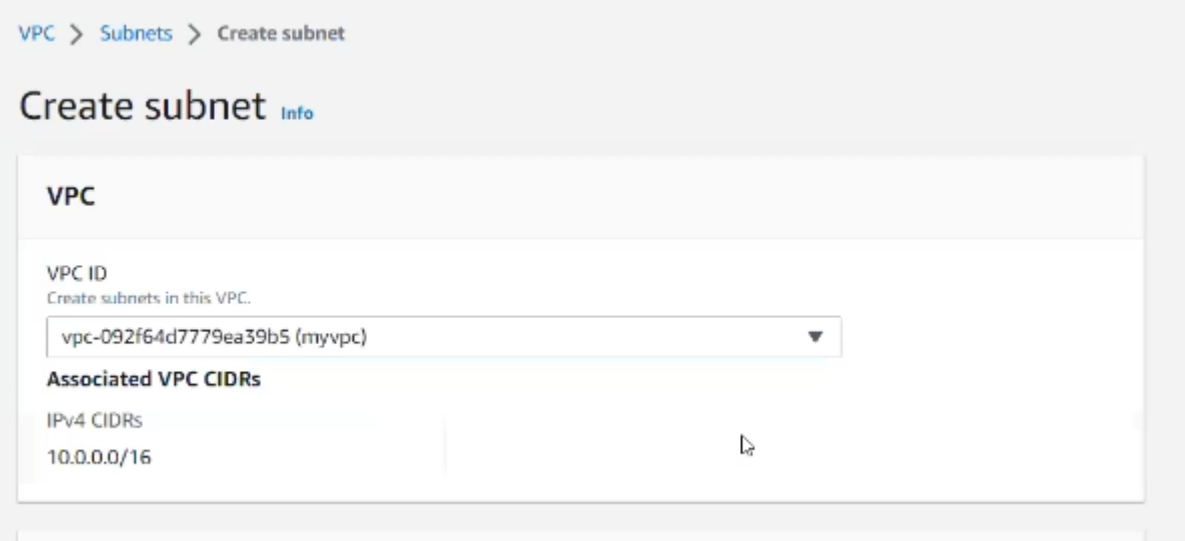


(*) to create subnet go to subnets

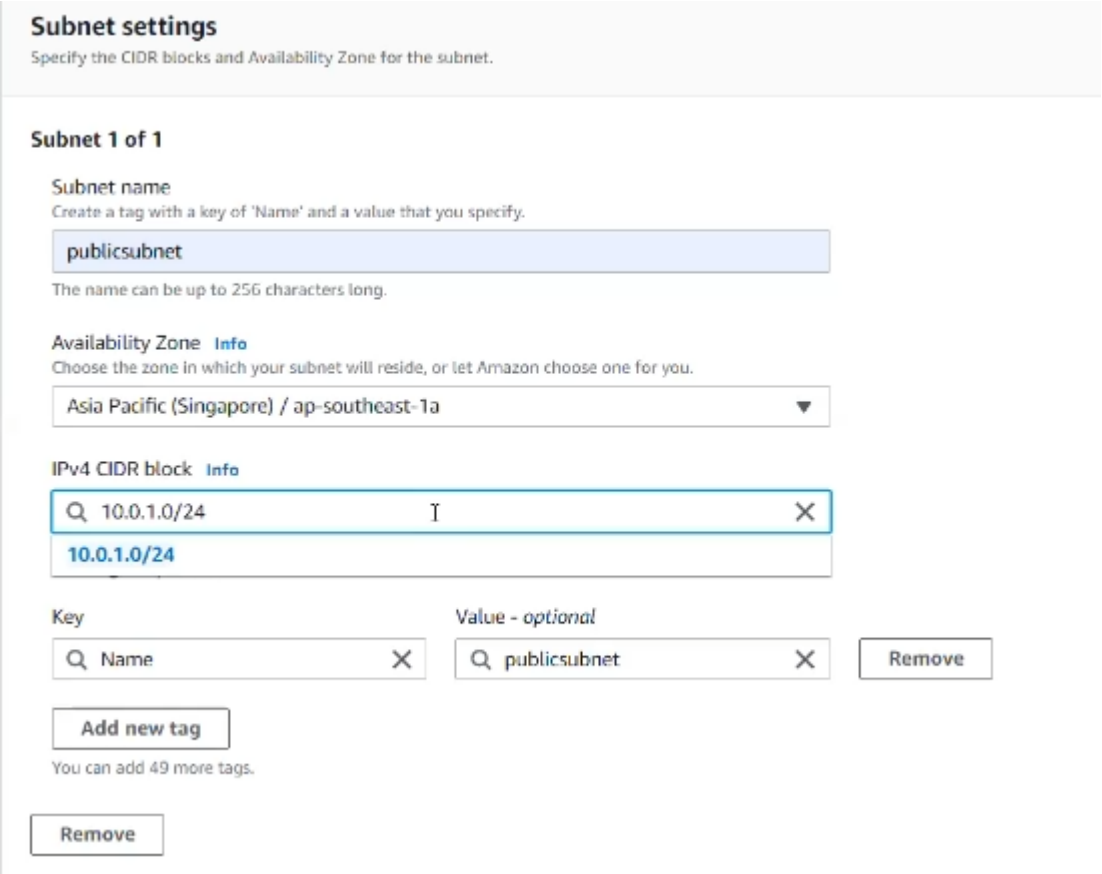


(*) default subnet

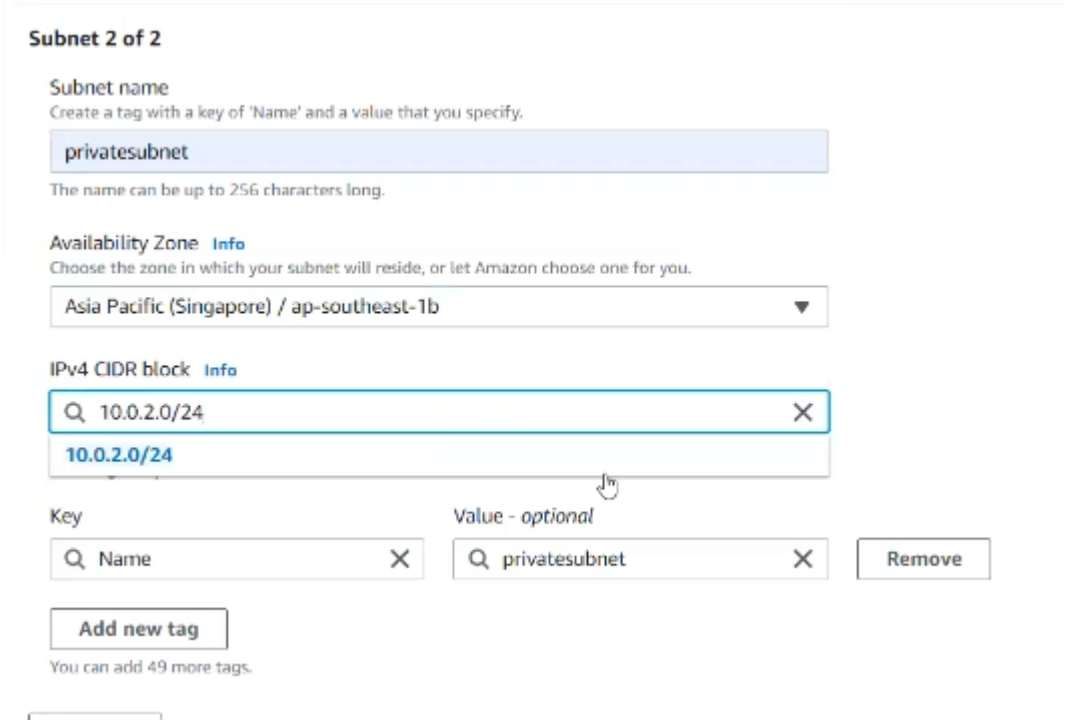




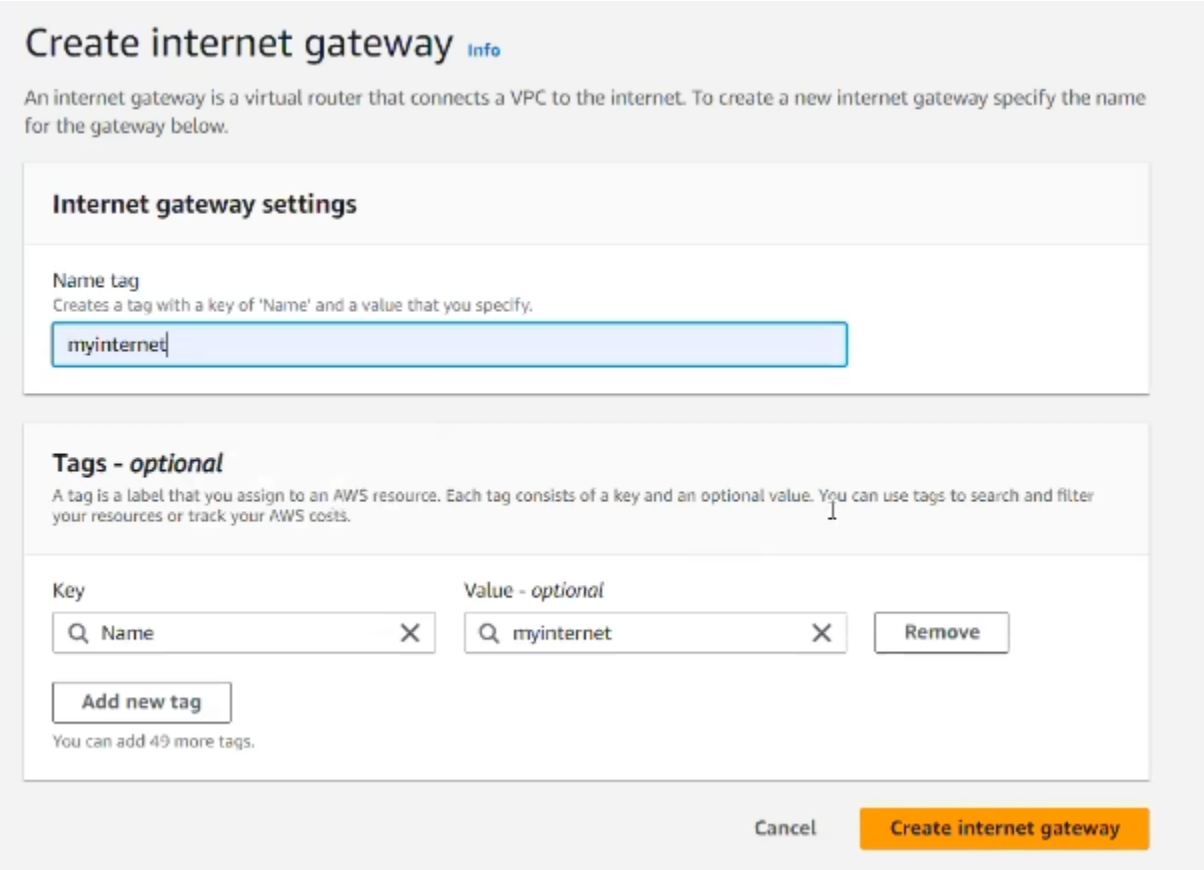
(*) public subnet



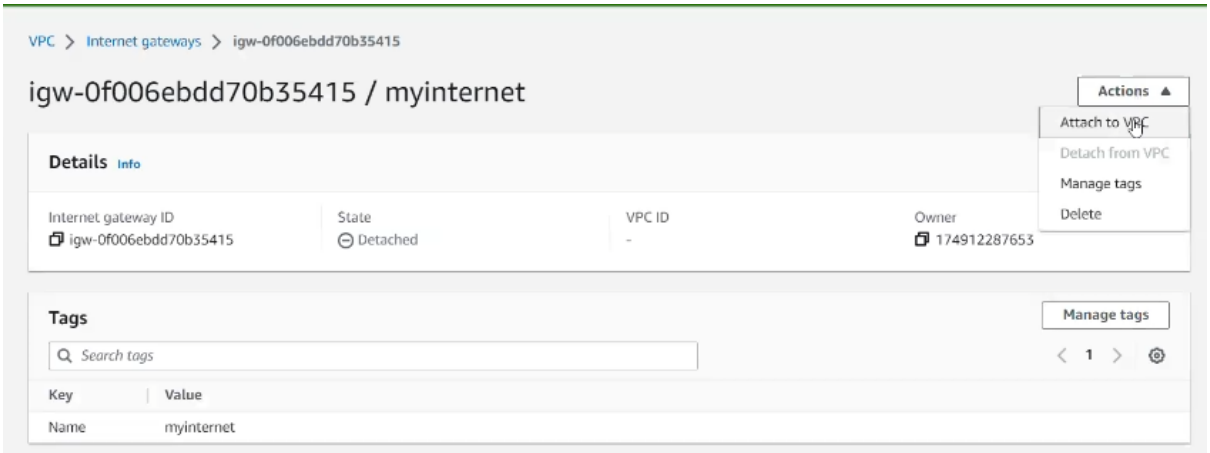
(*) private subnet – create subnet

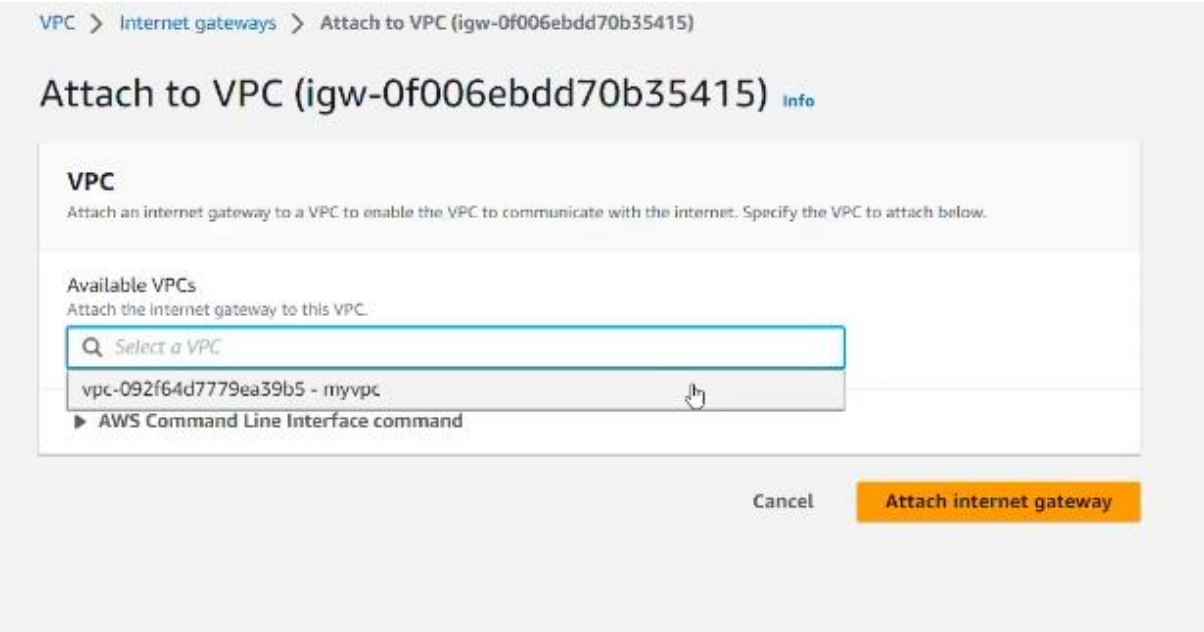


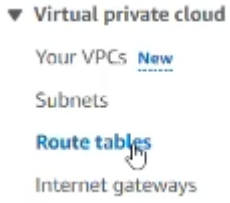
(*) create internet gateways



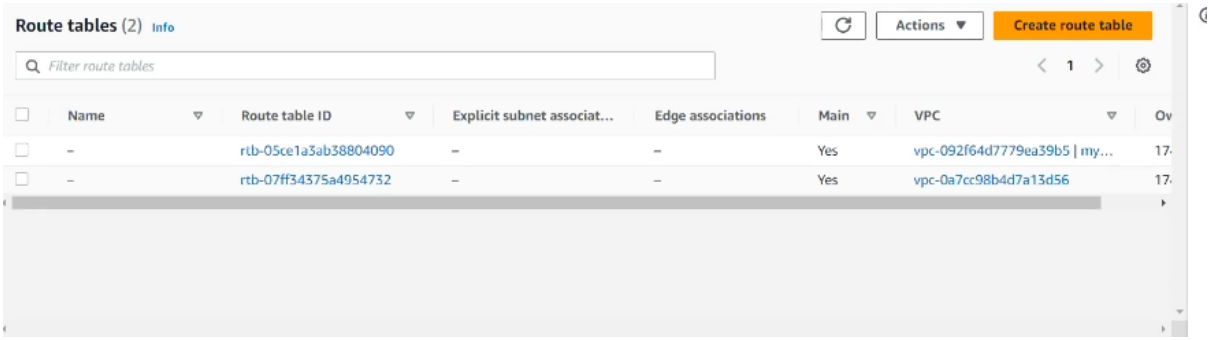
(*) attach to vpc



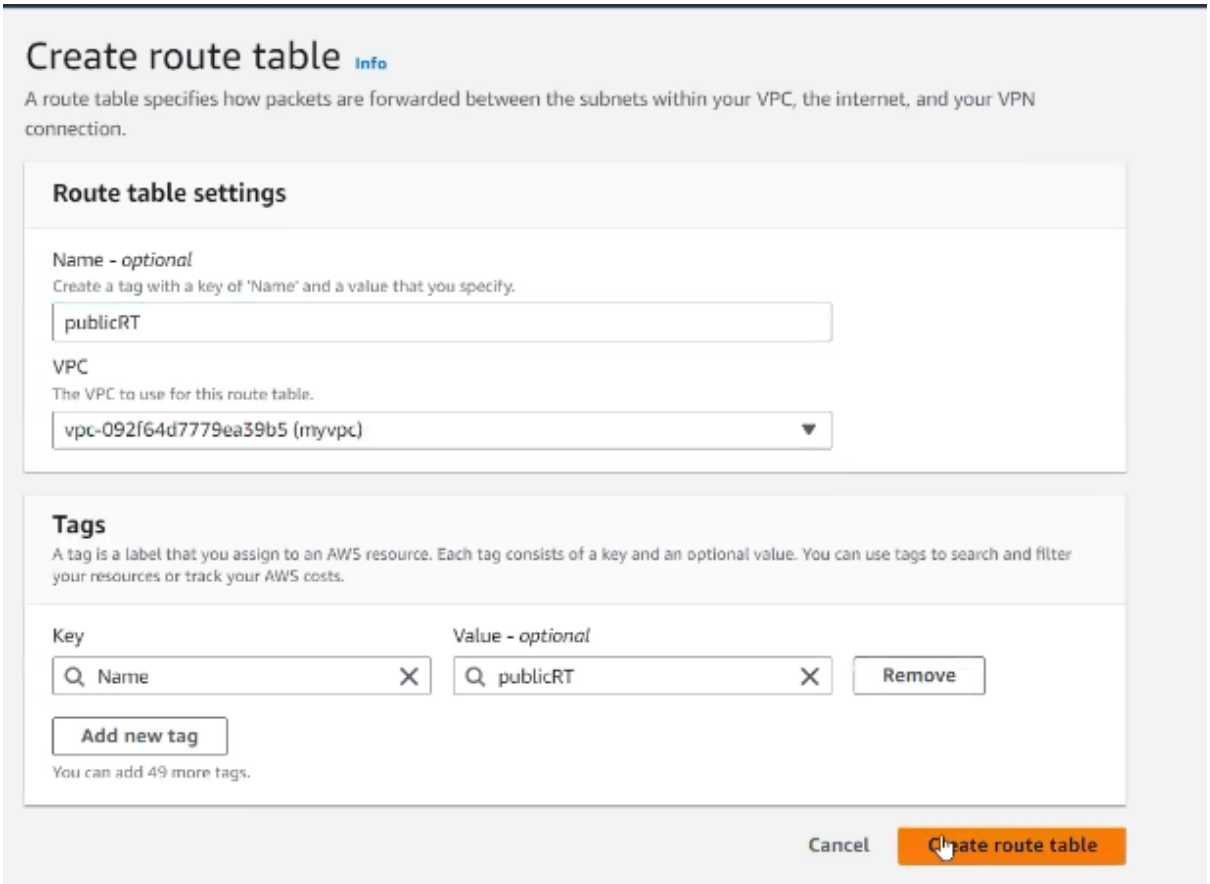


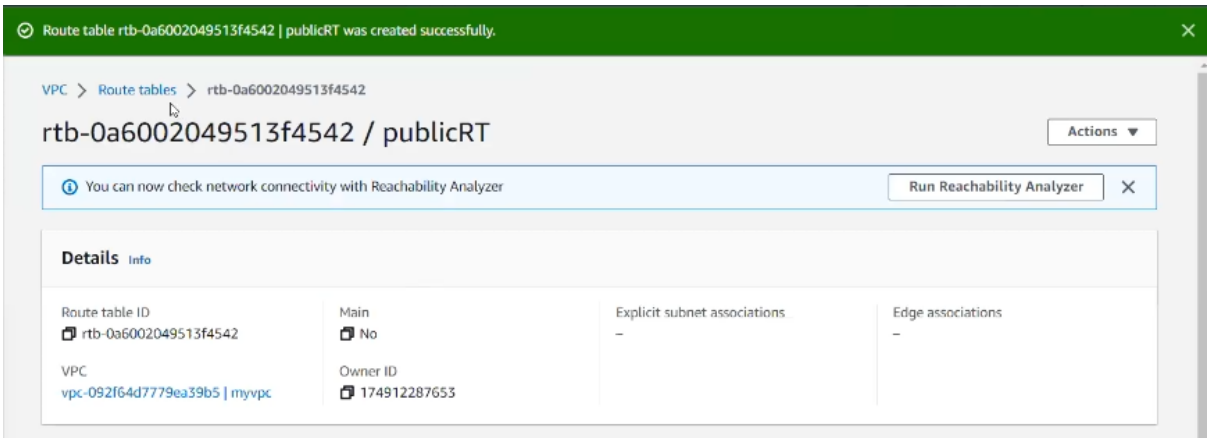


(*) CREATE ROUTE TABLE

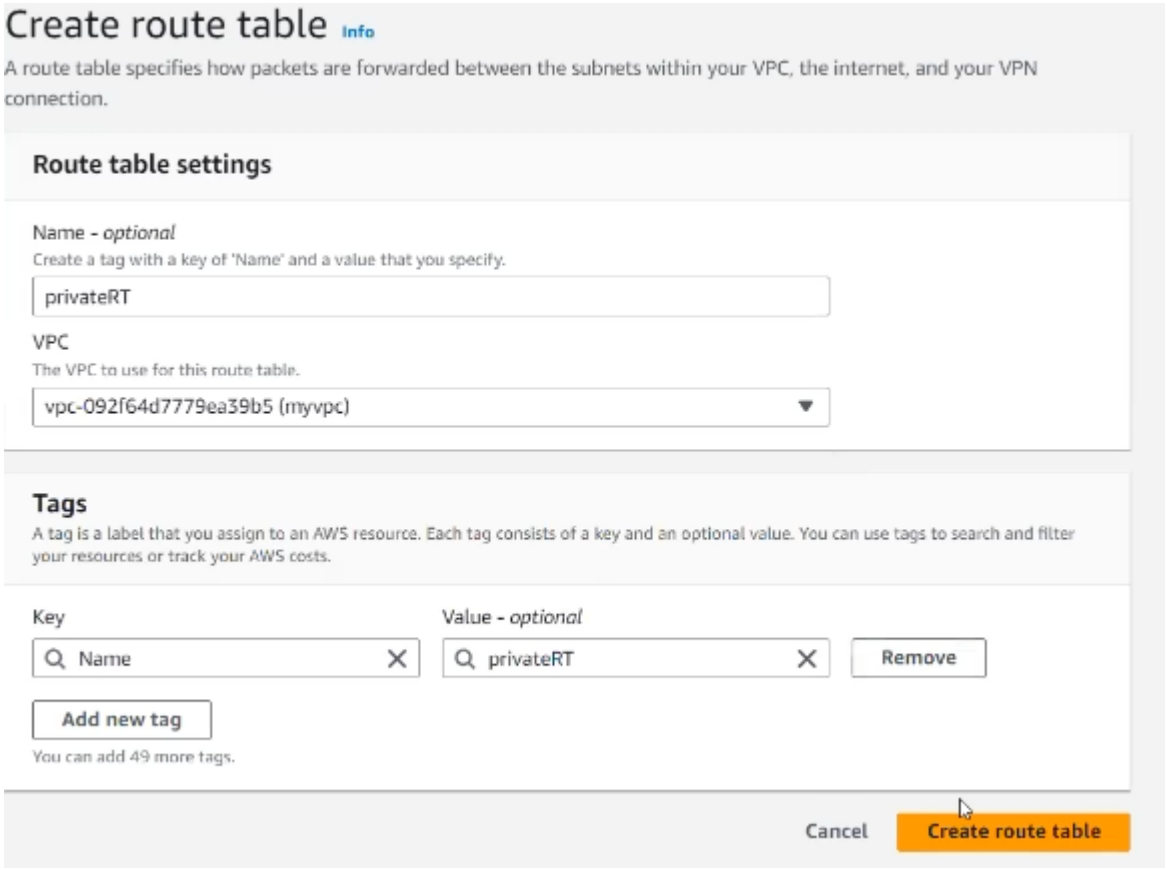


(*) public route table

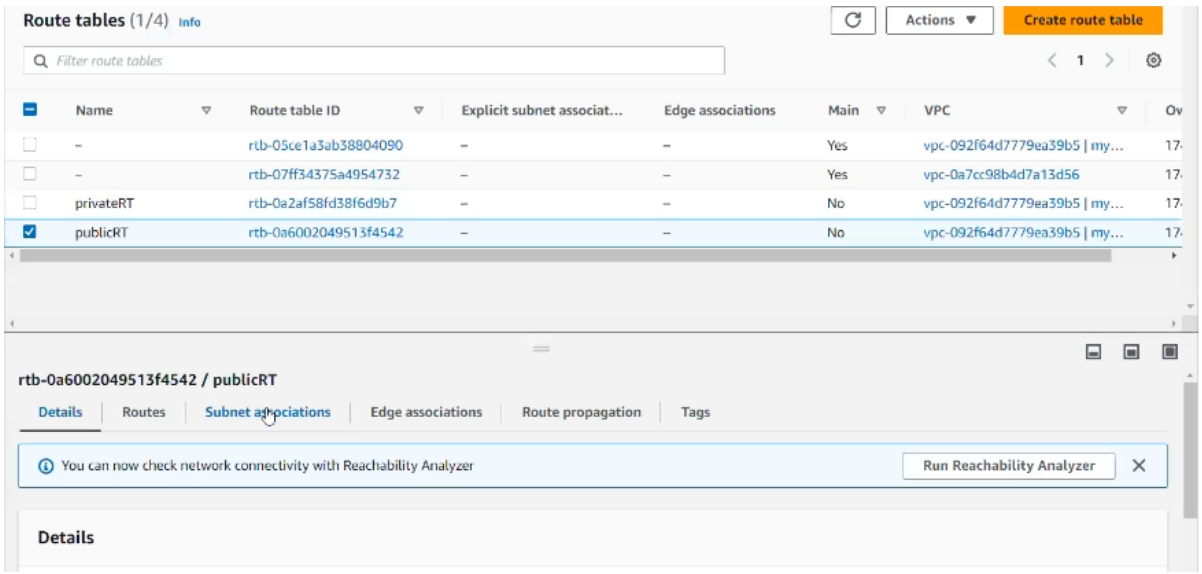


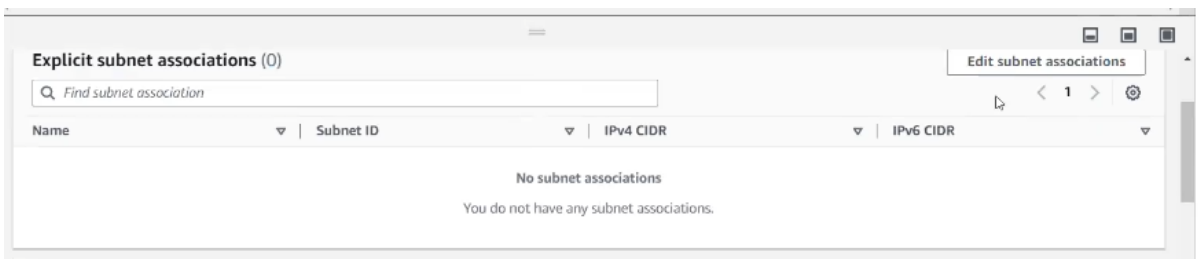


(*) private route table

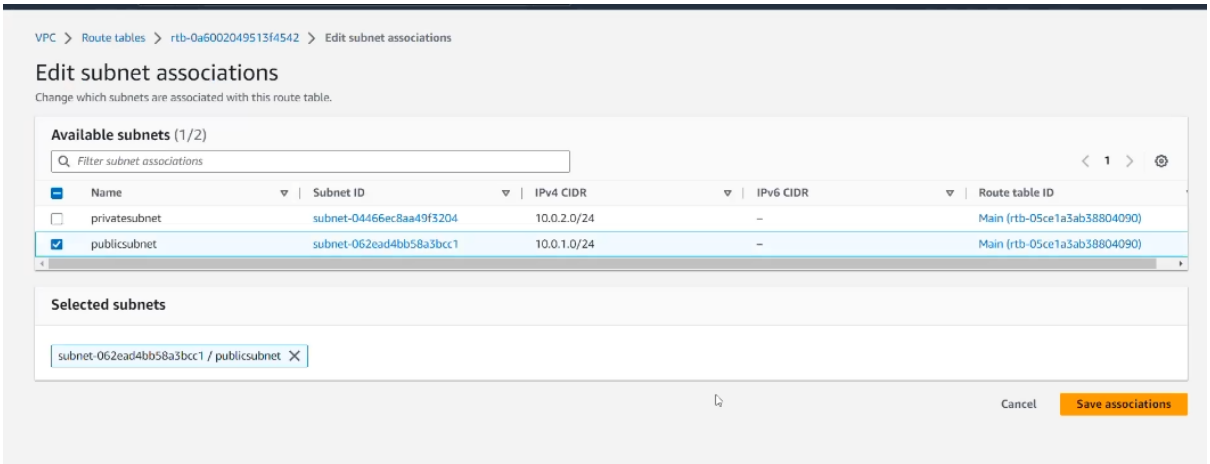


(*) public associations

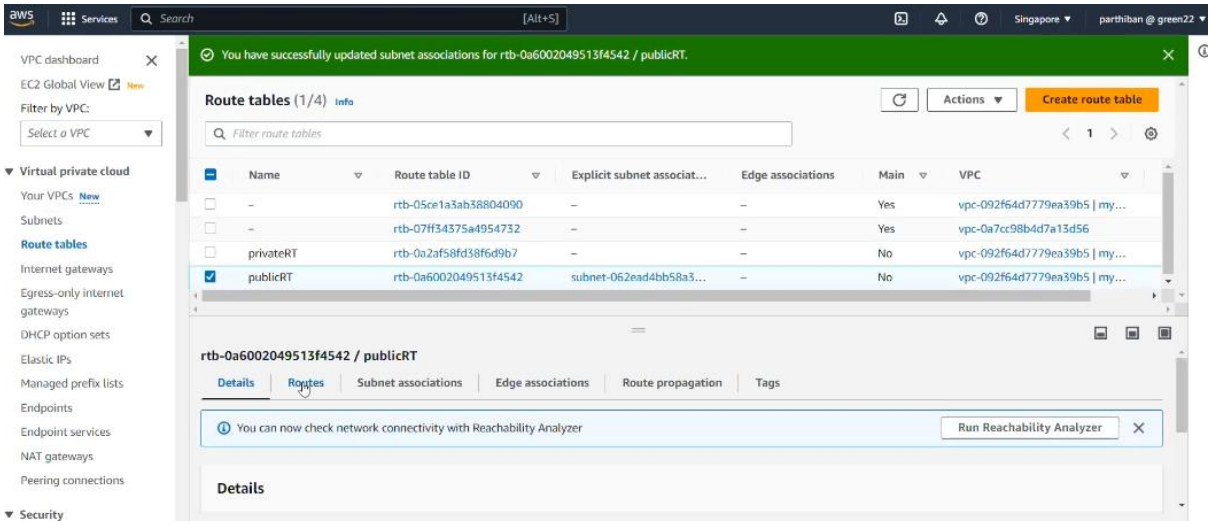




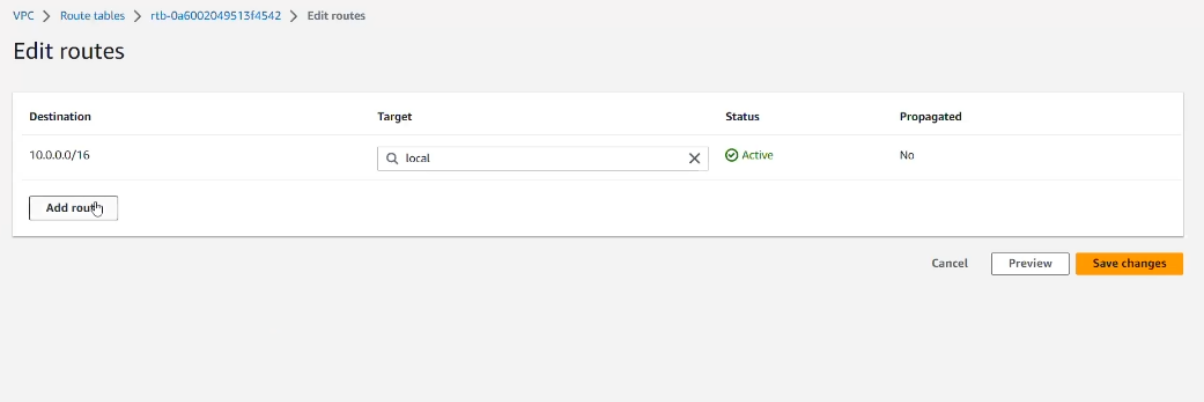
(*) save associations



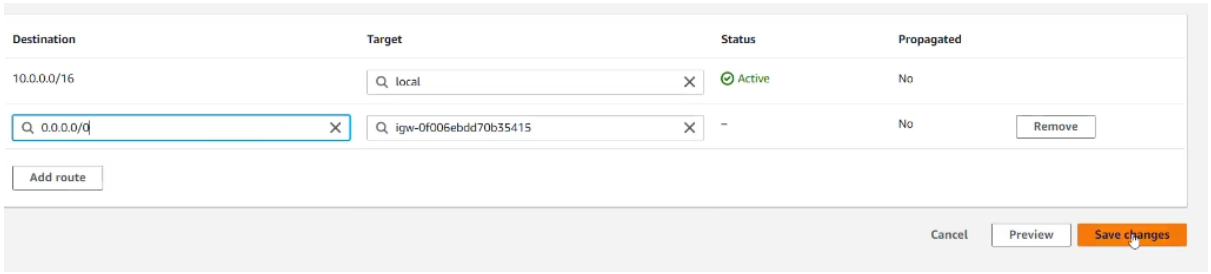
(*) routes



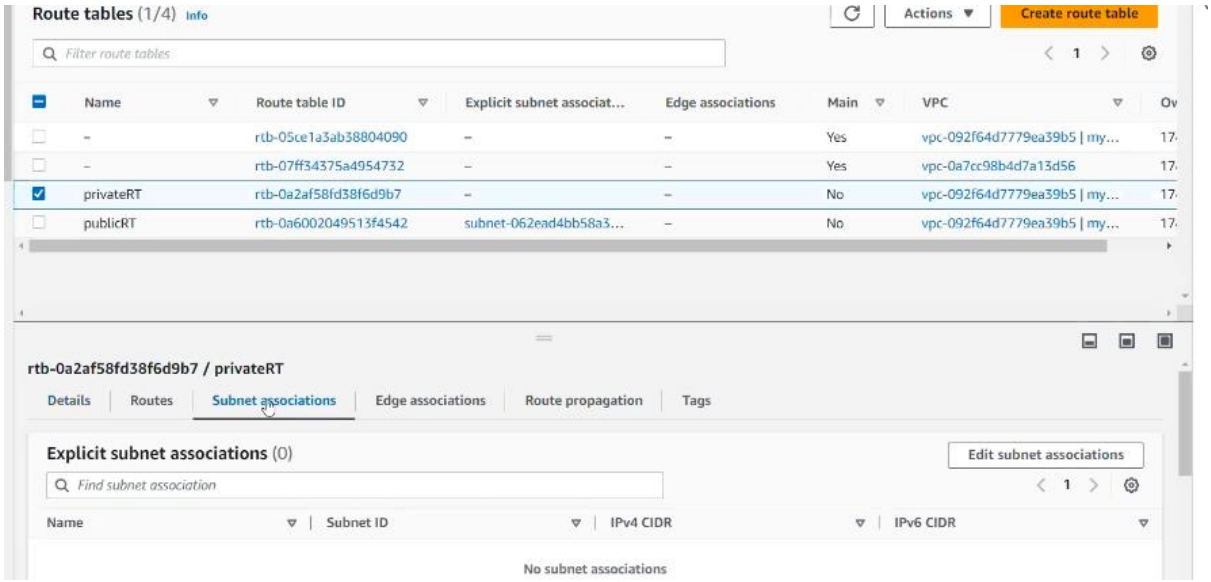
(*) edit routes



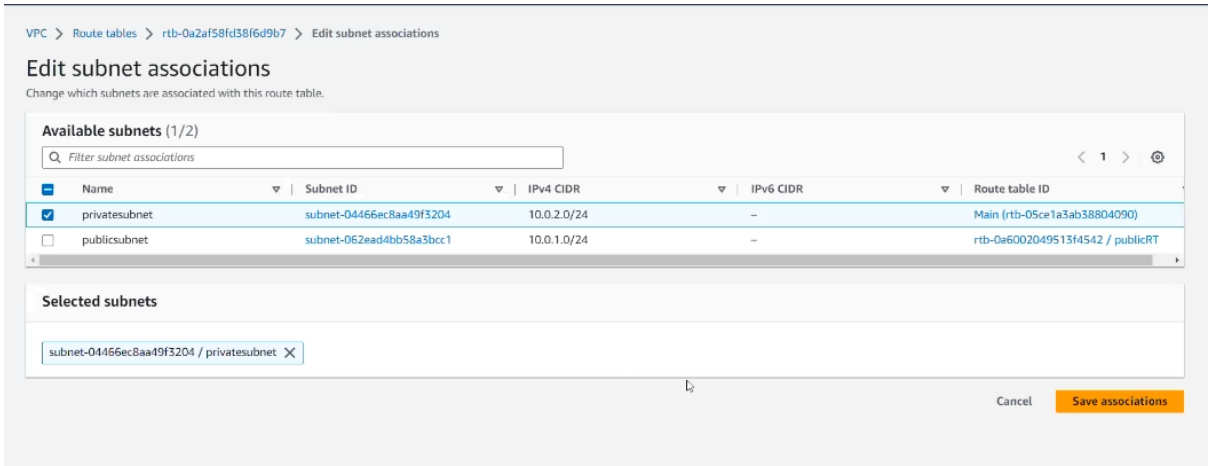
(*) add route

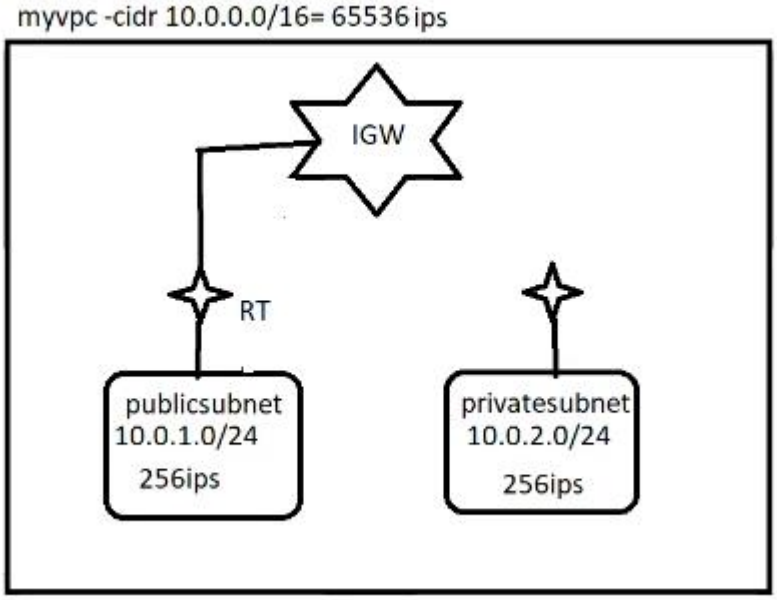


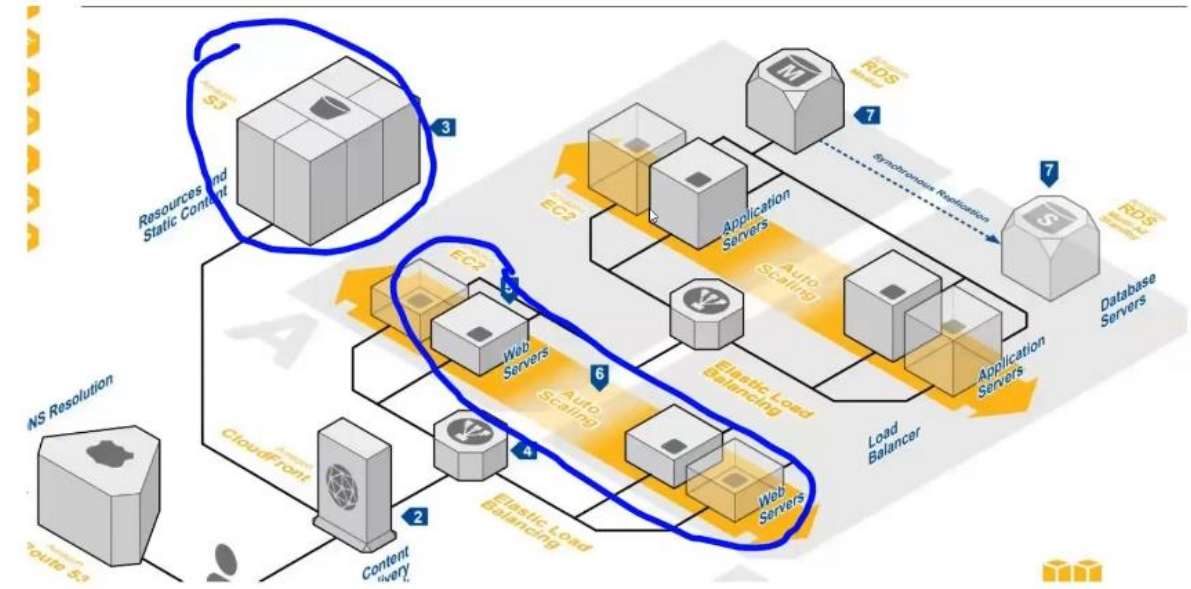
(*) private rt – subnet associations—edit subnet associations



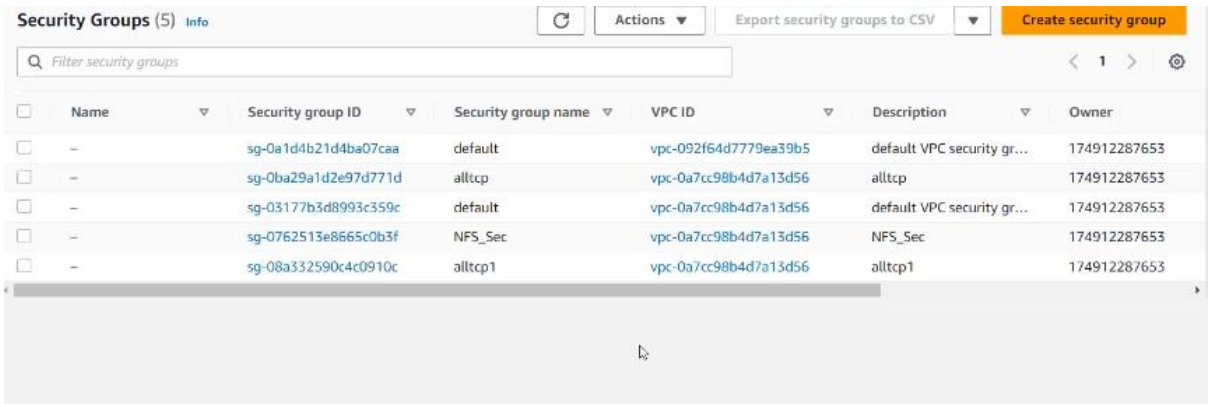
(*) private subnet save associations



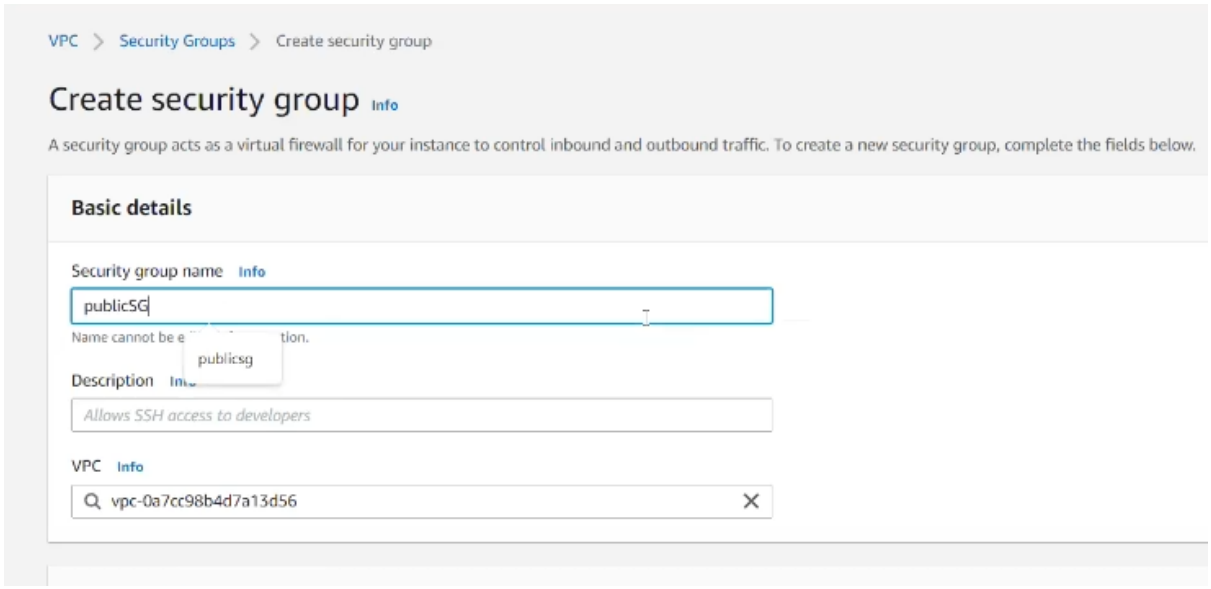




(*) create security group

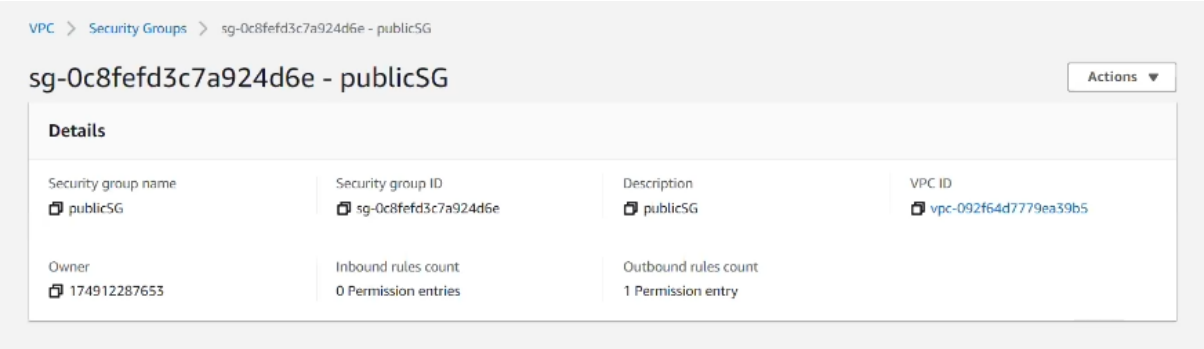


(*) public SG security group

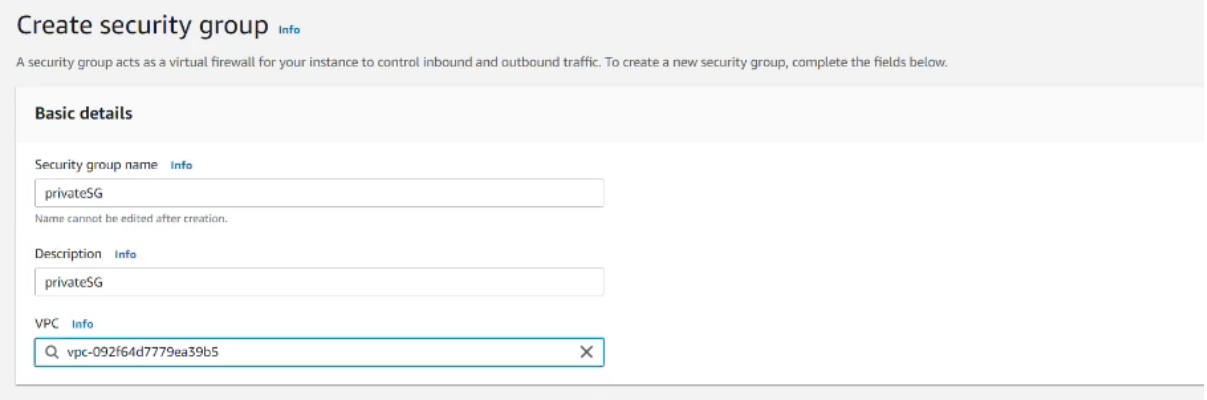


(*) create security group

(*) Public sg security group created

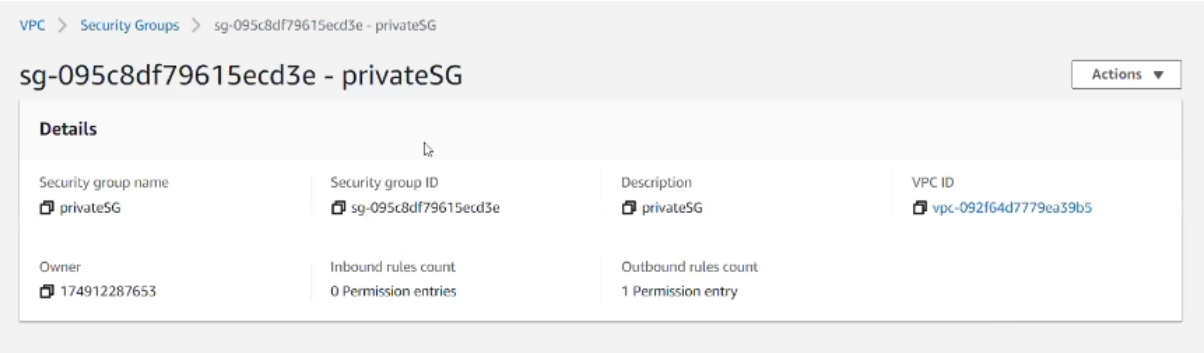


(*) private security group

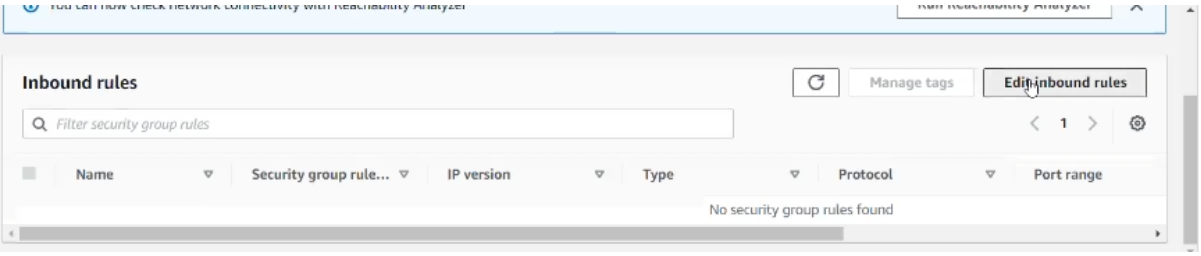


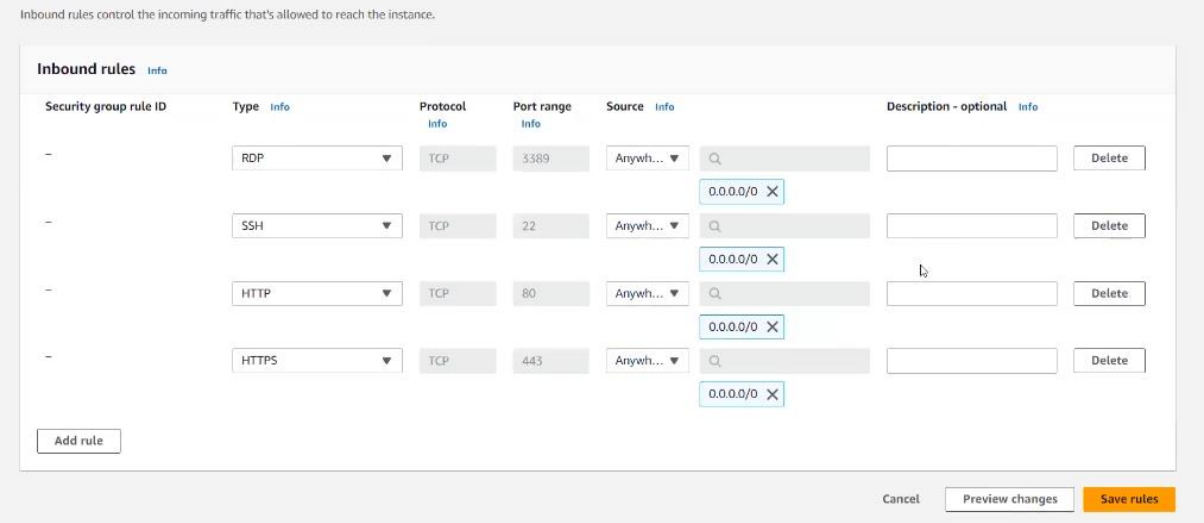
(*) create security group

(*) security group created

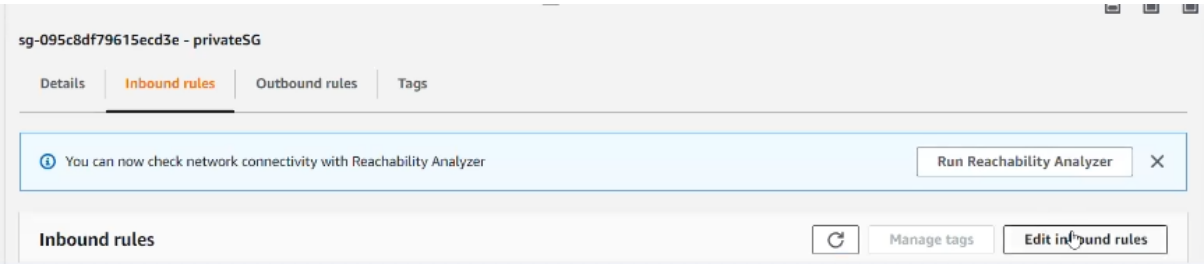


(*) public security group – inbound rules

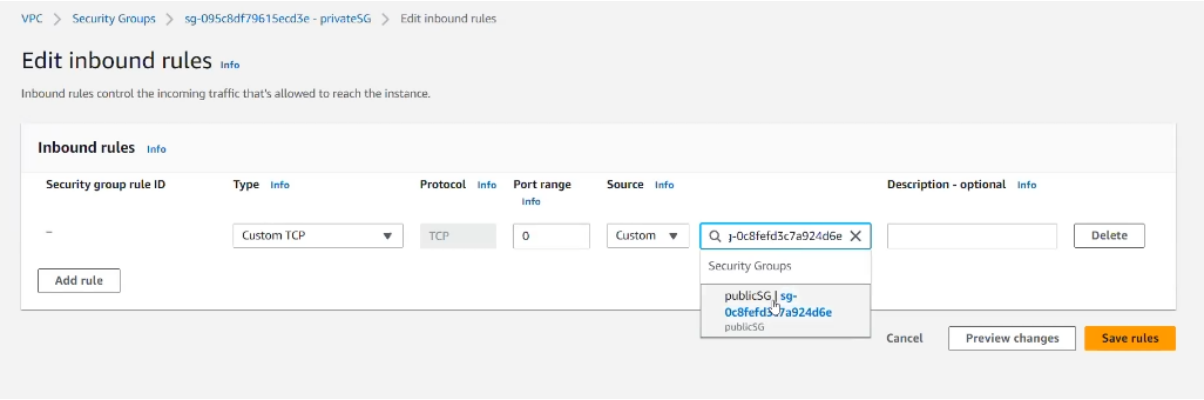


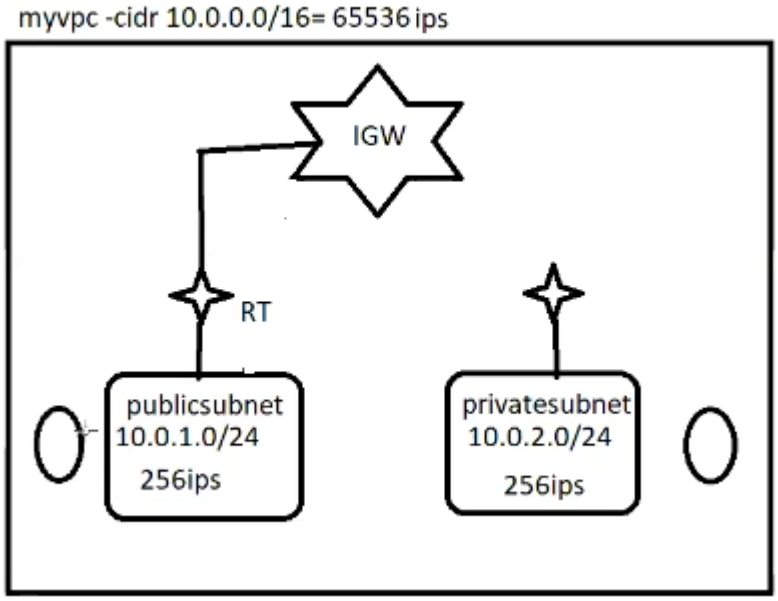


(*) private security group copy security group id – edit inbound rules

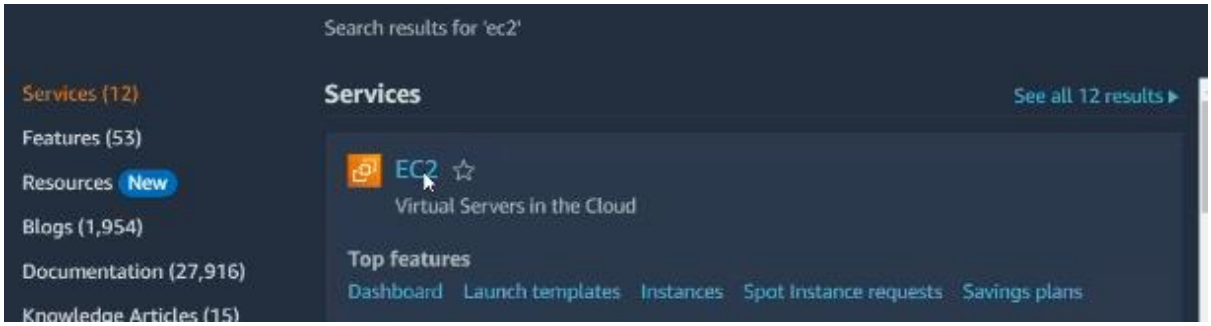


(*) paste here all tcp

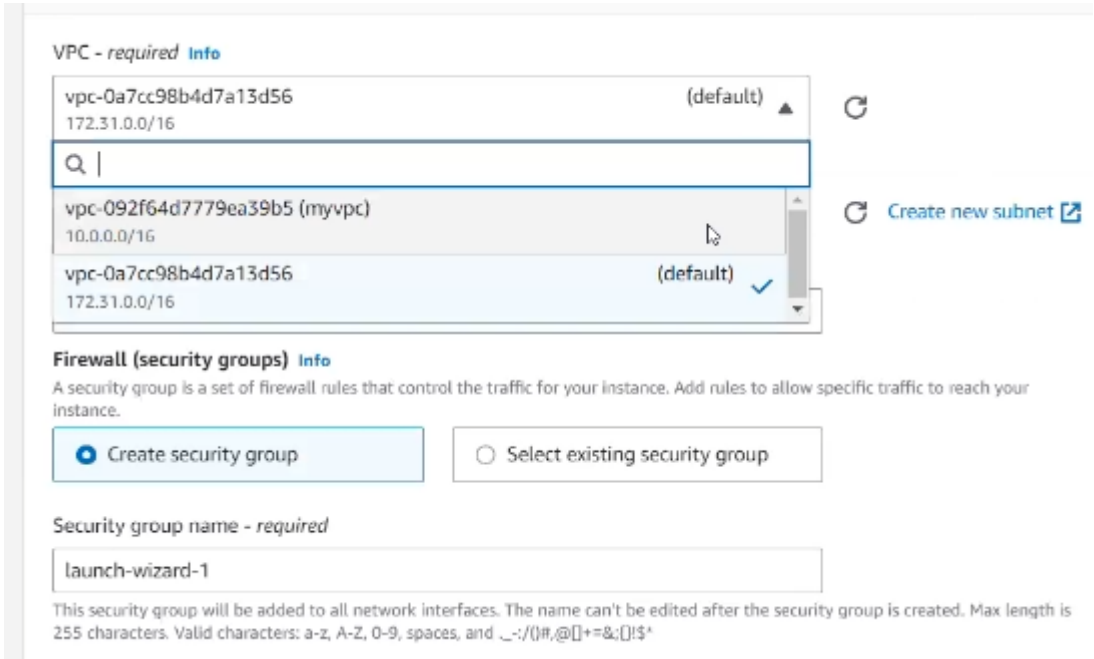




(*) create ec2 instance windows

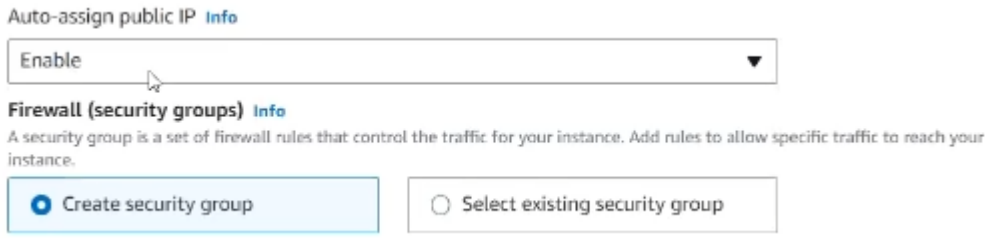


(*)Network settings – edit -- vpc

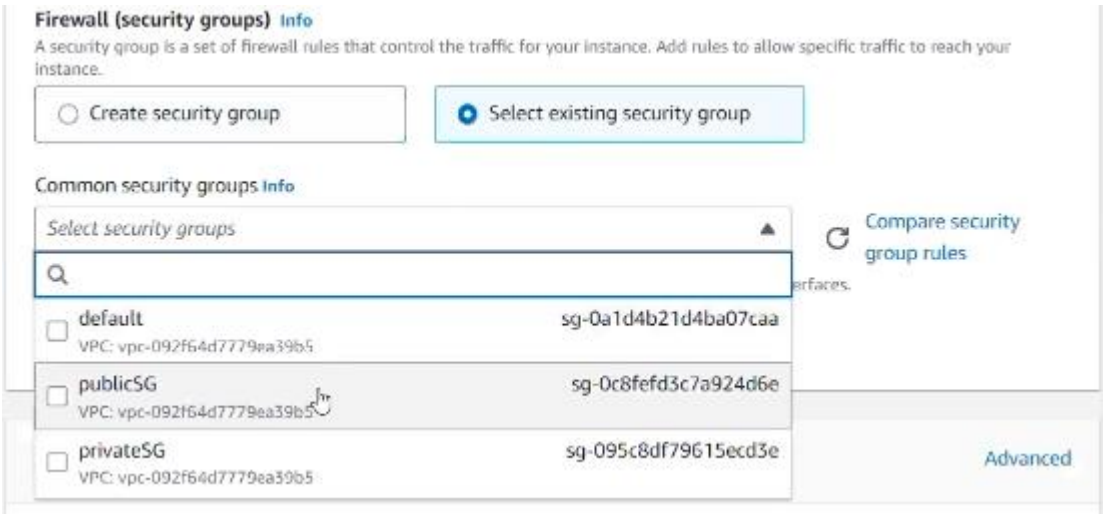


(*) public subnet

(*) auto assign public ip enable

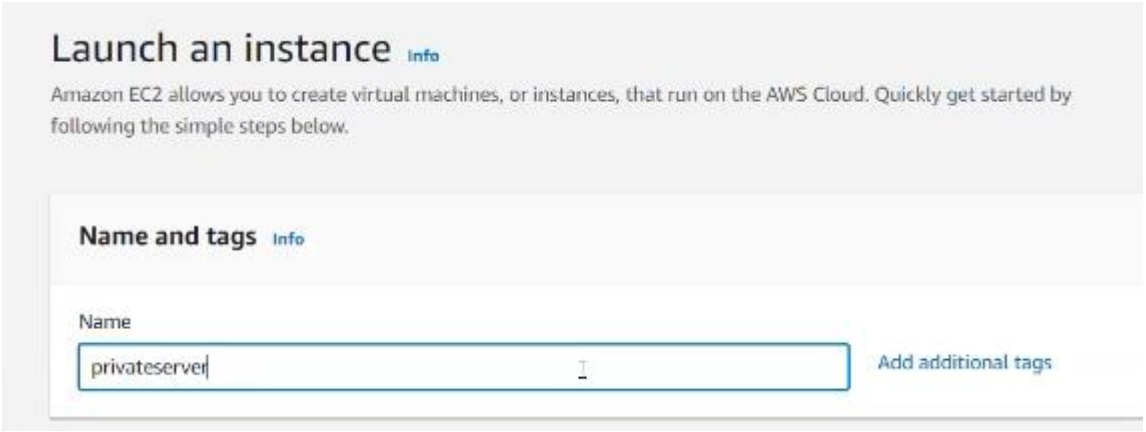


(*) select existing security group public sg



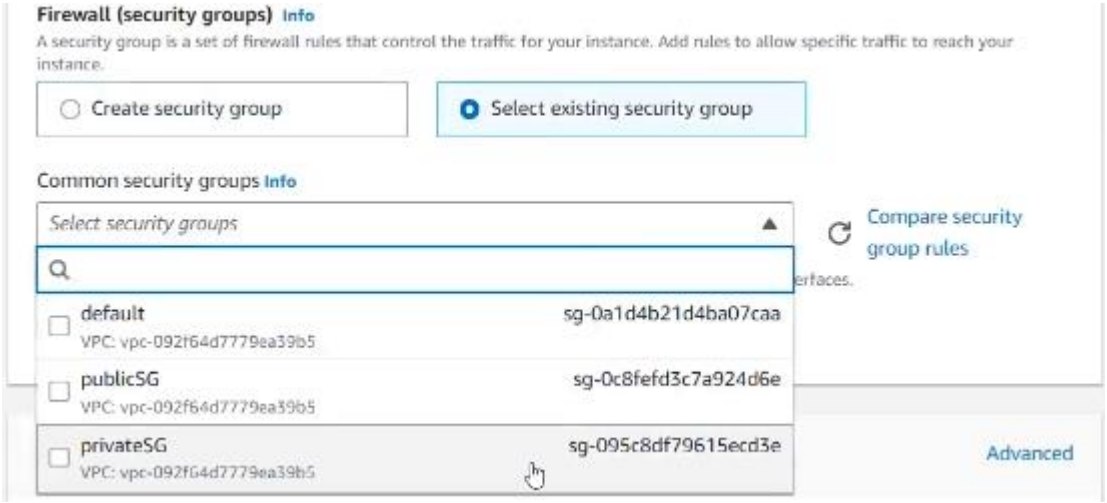
(*) launch instance

(*) create private server windows



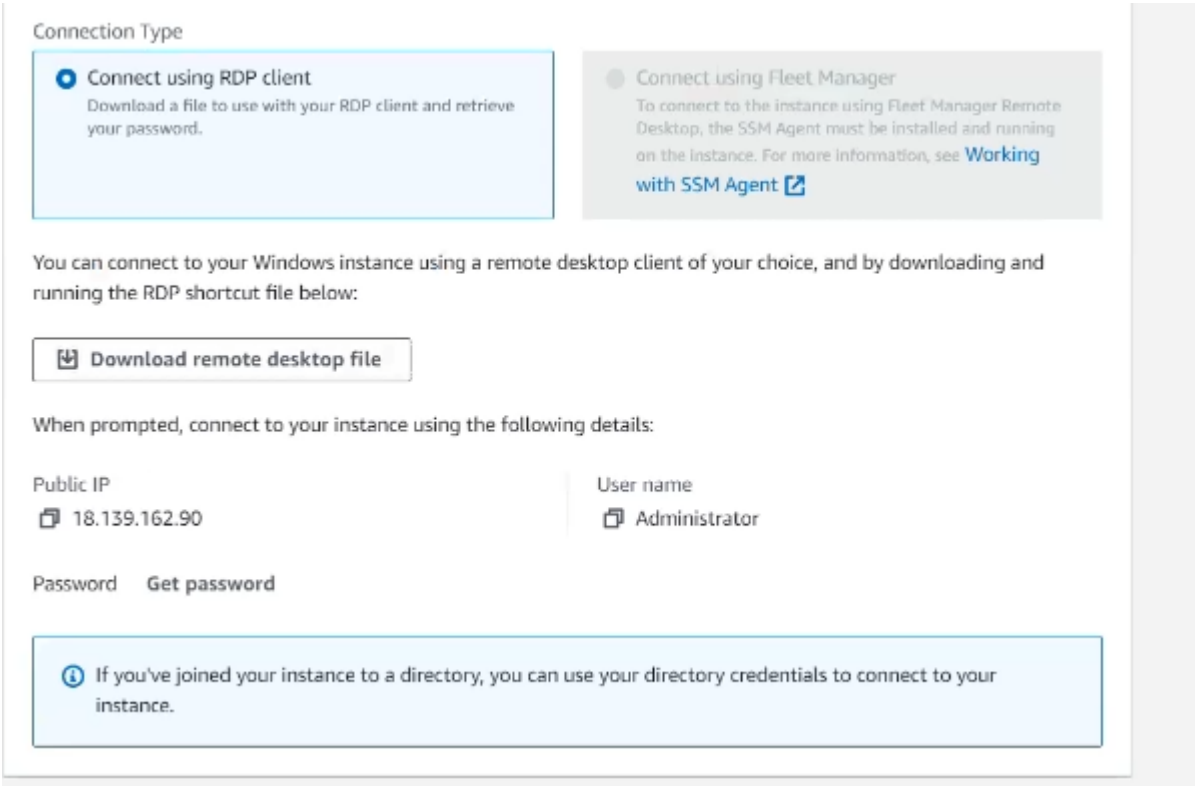
(*) network setting edit –vpc—private subnet

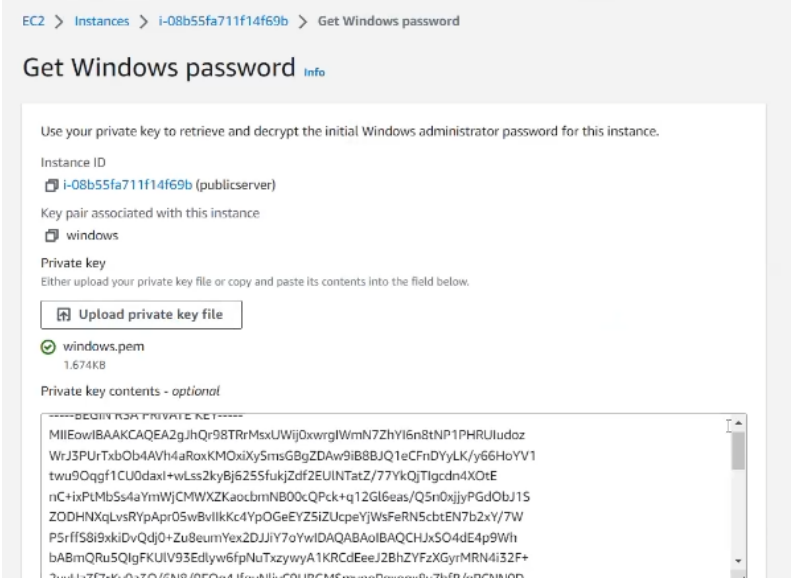
(*) select existing security group- private sg



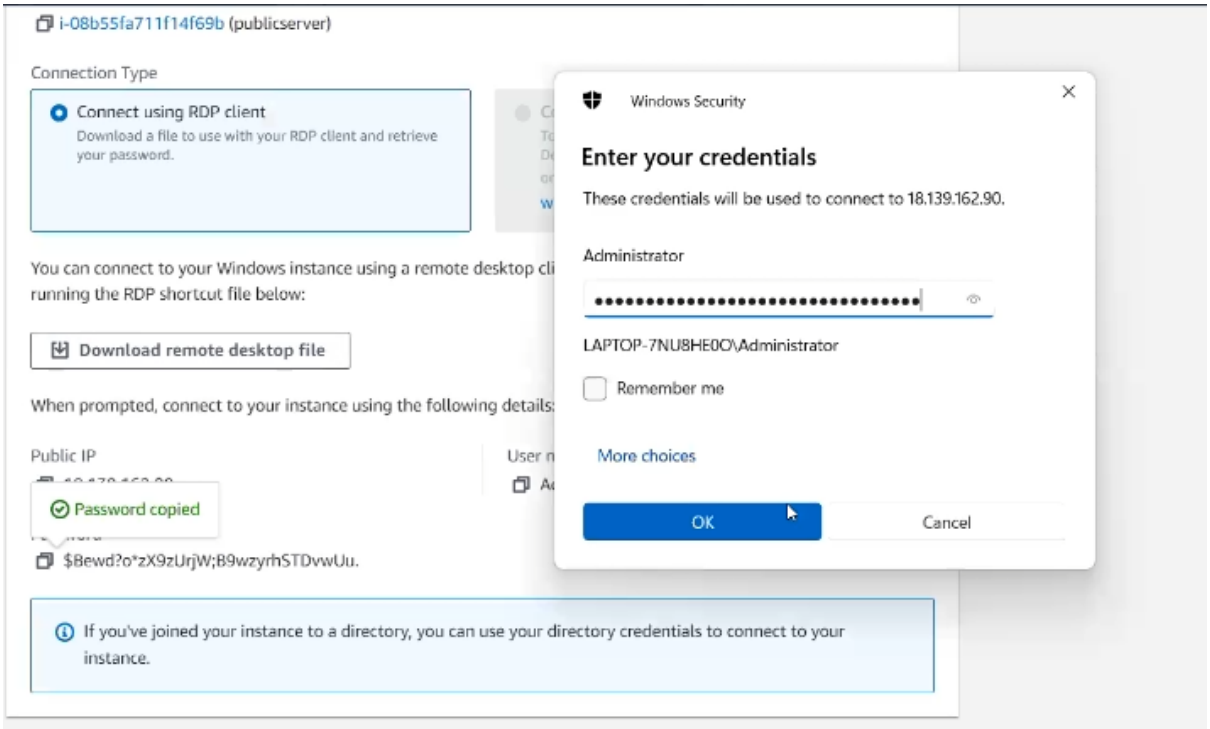
(*) create an instance

(*)Connect the machine



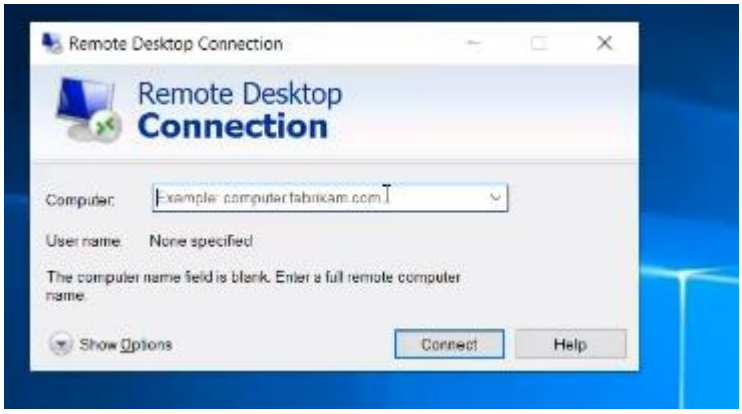


(*) decrypt password

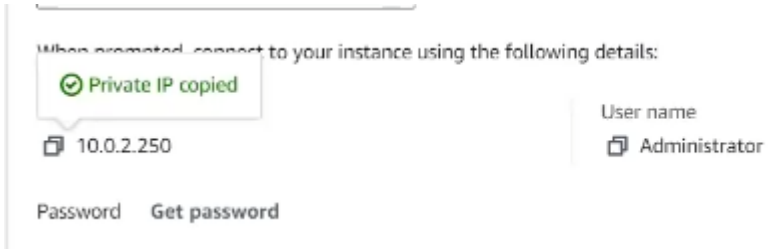


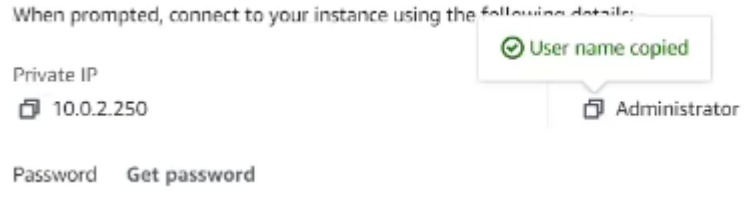
(*) Connect the private subnet machine as same but it wont connect private server cannot access from outside but can access from public server

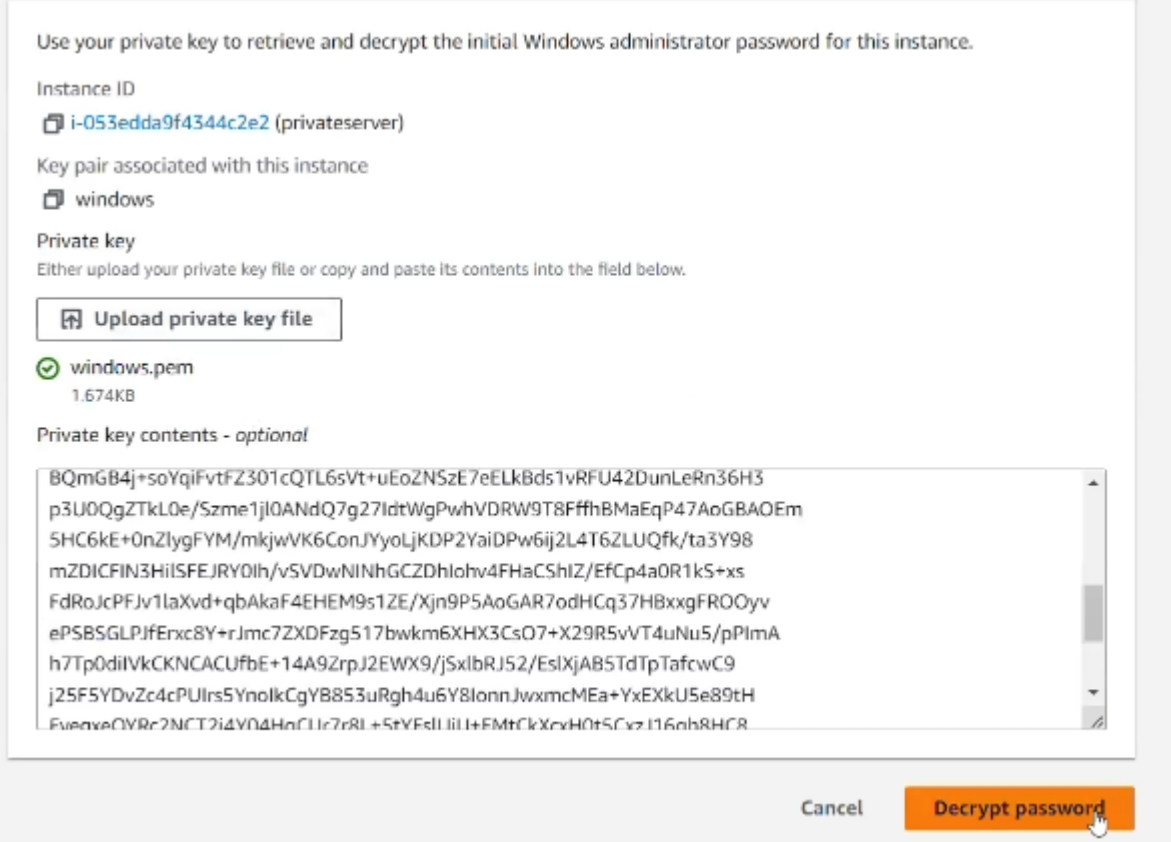
(*) go to public machine open remote desktop connection

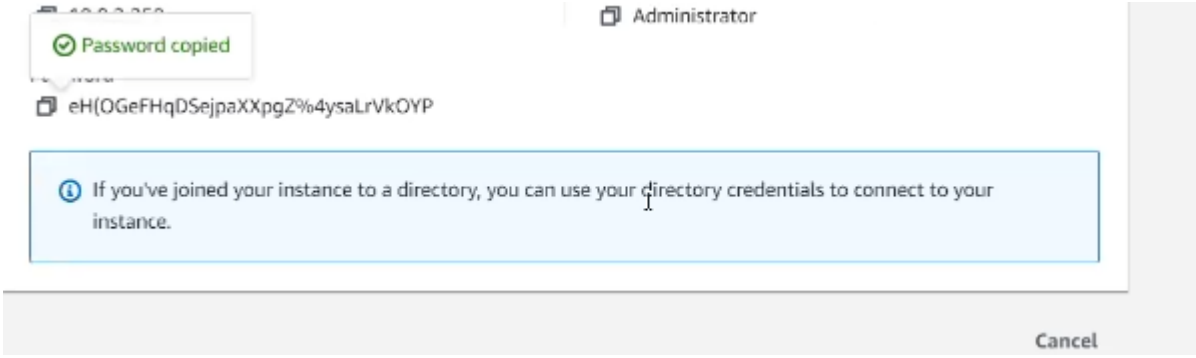


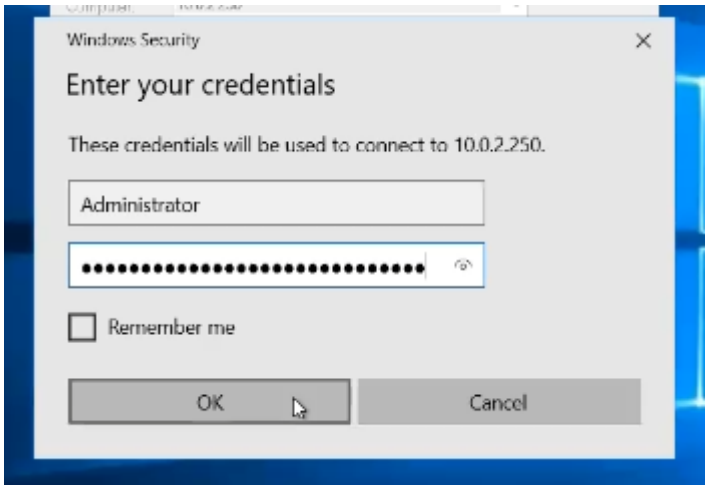
(*) copy private ip address

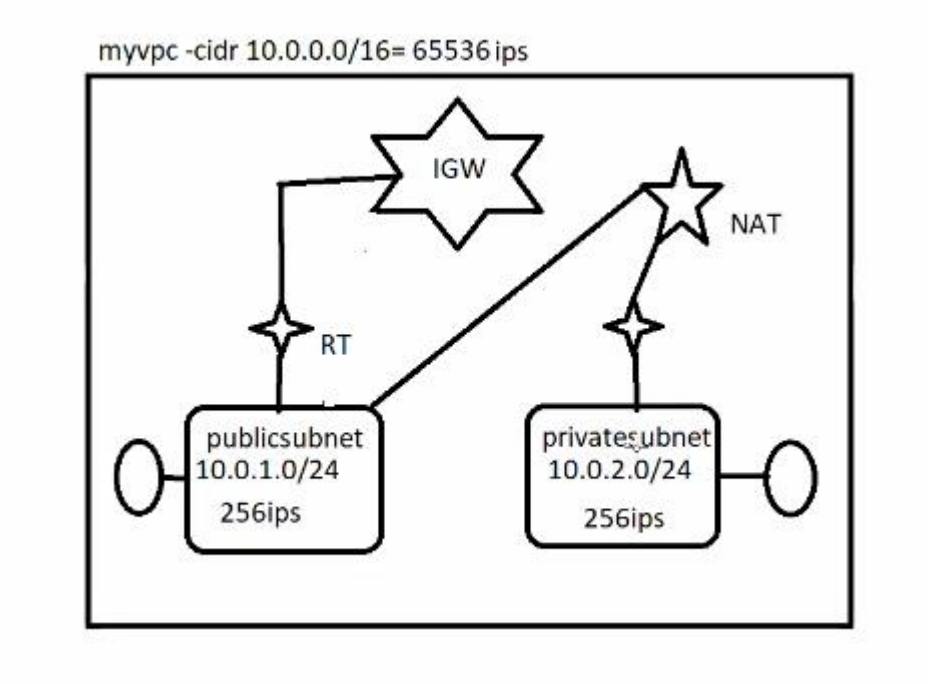





Use your private key to retrieve and decrypt the initial Windows administrator password for this instance.
Instance ID
i-053edda9f4344c2e2 (privateserver)
Key pair associated with this instance
windows
Private key
Either upload your private key file or copy and paste its contents into the field below.
Upload private key file
windows.pem
1.674KB
Private key contents - optional
BQmGB4j+soYqiFvtFZ301cQTL6sVt+uEoZNSzE7eELkBds1vRFU42DunLeRn36H3
p3U0QgZTkL0e/Szme1jl0ANdQ7g27IdtWgPwhVDRW9T8FffhBMaEqP47AoGBAOEm
5HC6kE+0nZlygFYM/mkjwVK6ConJYyoLjKDP2YaiDPw6ij2L4T6ZLUQfk/ta3Y98
mZDICFIN3HiISFEJRY0Ih/vSVDwNINhGCZDhIohv4FHaCShIZ/EfCp4a0R1kS+xs
FdRoJcPFJv1laXvd+qbAkaF4EHEM9s1ZE/Xjn9P5AoGAR7odHCq37HBxxgFROOyv
ePSBSGLPJfErxc8Y+rJmc7ZXDFzg517bwkm6XHX3CsO7+X29R5vVT4uNu5/pPImA
h7Tp0diIVkCKNCACUfbE+14A9ZrpJ2EWX9/jSxlbRJ52/EslXjAB5TdTpTafcwC9
j25F5YDvZc4cPUIrs5YnolkCgYB853uRgh4u6Y8IonnJwxmcMEa+YxEXkU5e89tH
Cancel
Decrypt password

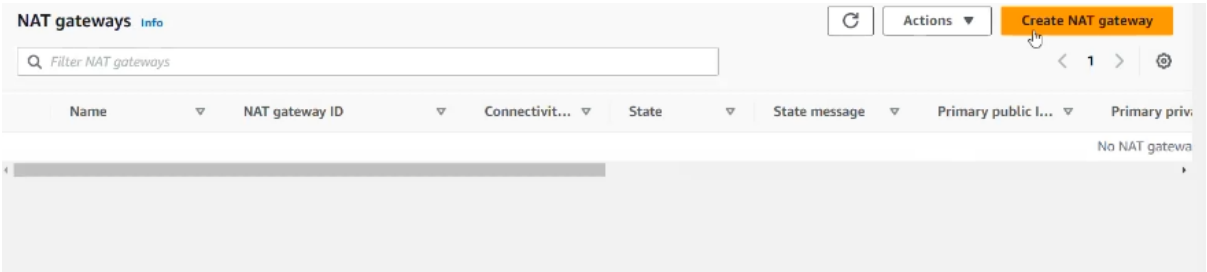

Password copied
Administrator
eH(OGeFHqDSejpaXXpgZ%4ysaLrVkOYP
If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.
Cancel


Windows Security
Enter your credentials
These credentials will be used to connect to 10.0.2.250.
Administrator
Remember me
OK
Cancel

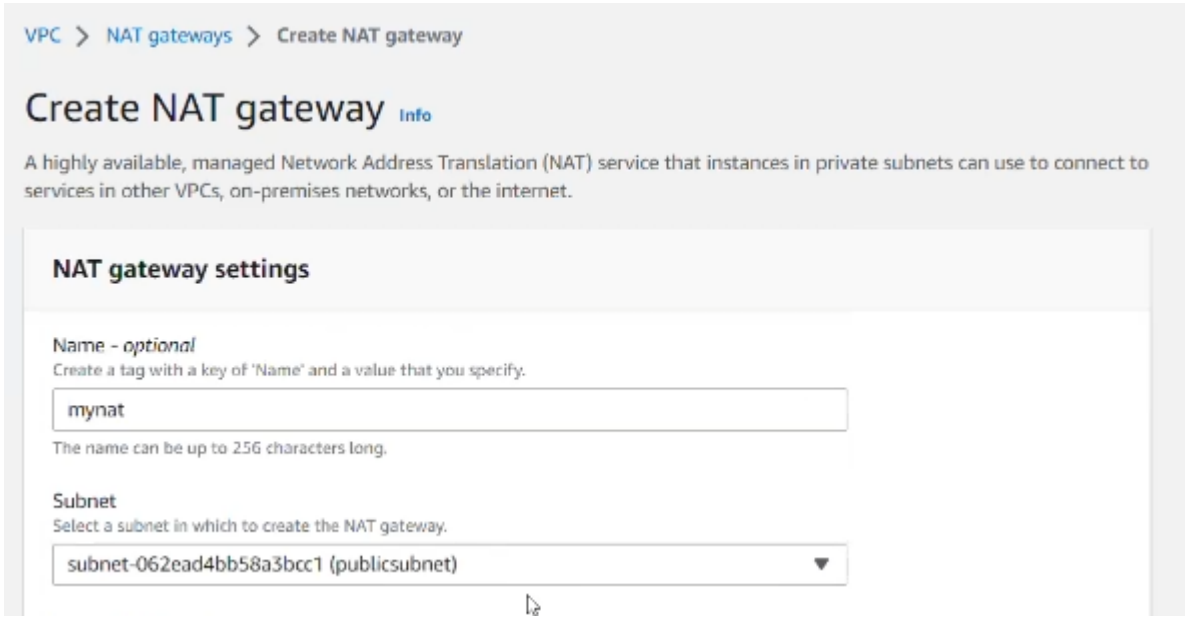


(*) VPC -- NAT GATEWAYS

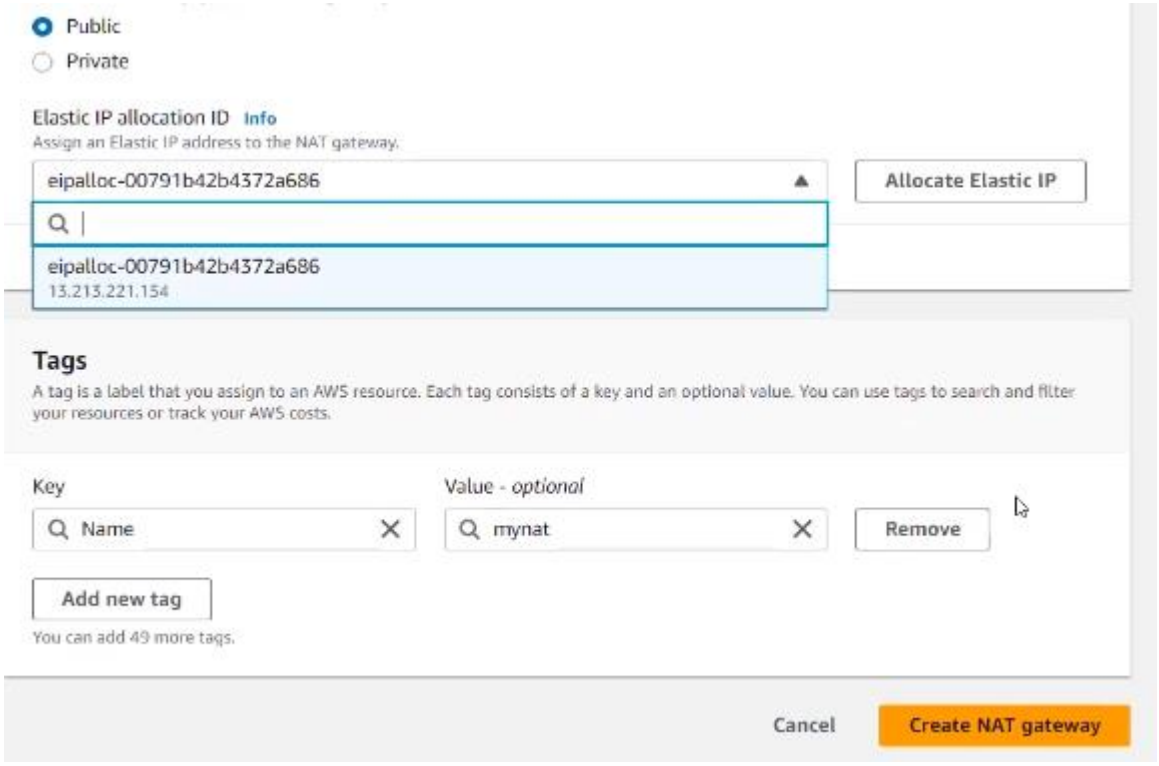
(*) CREATE NAT GATEWAY

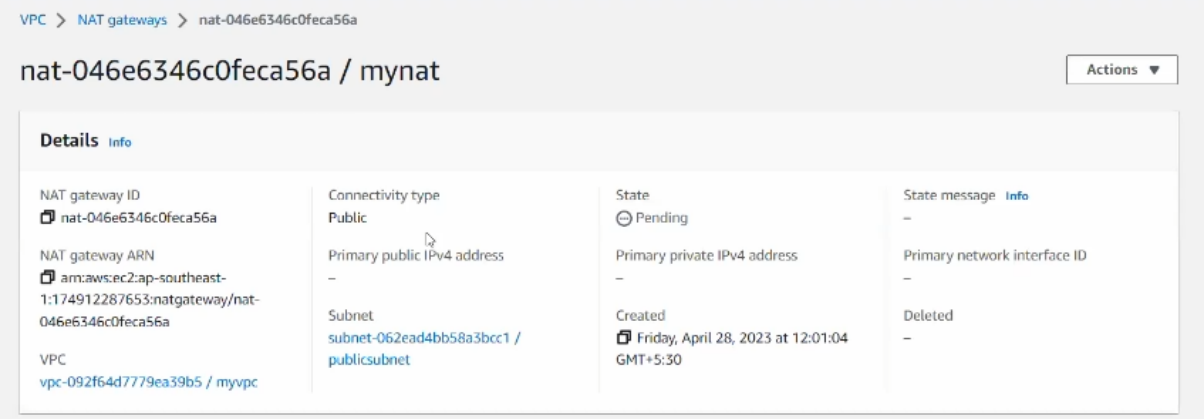


(*) public subnet

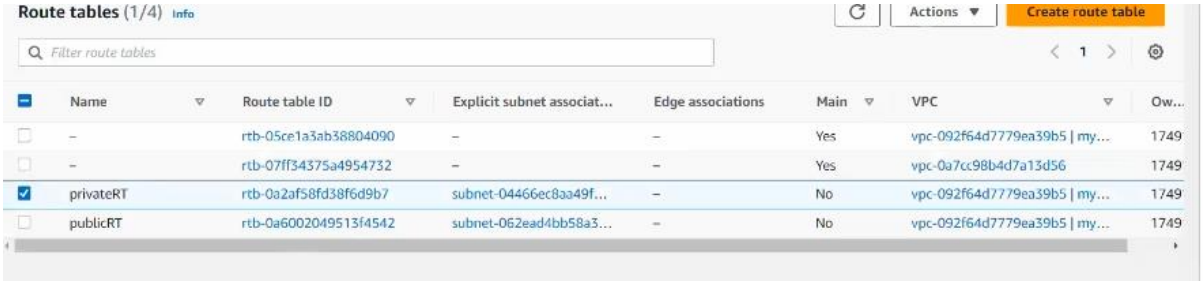


(*) allocate elastic ip –create NAT

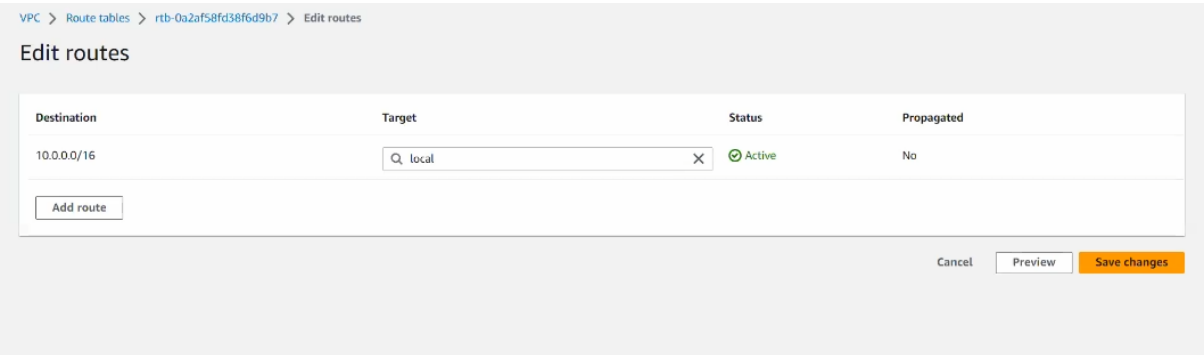


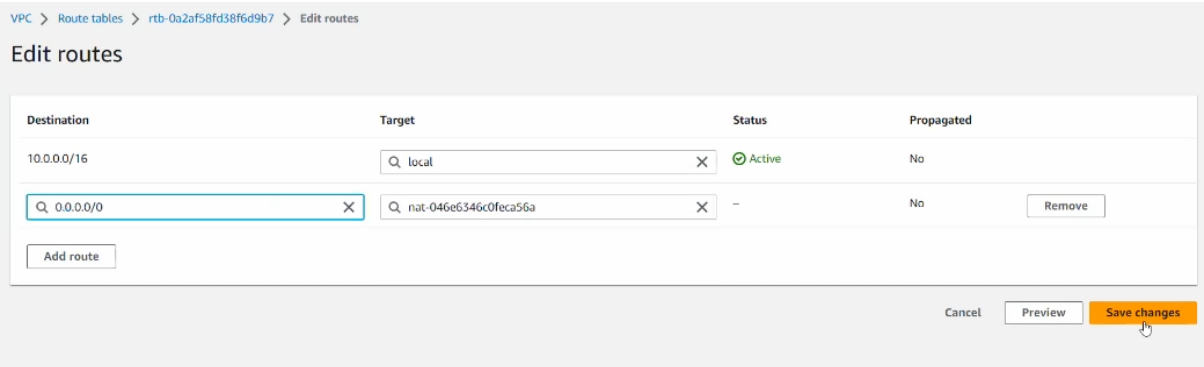


(*) go to routing table – private rt



(*) routes – edit routes





(*) internet has been connected in private network