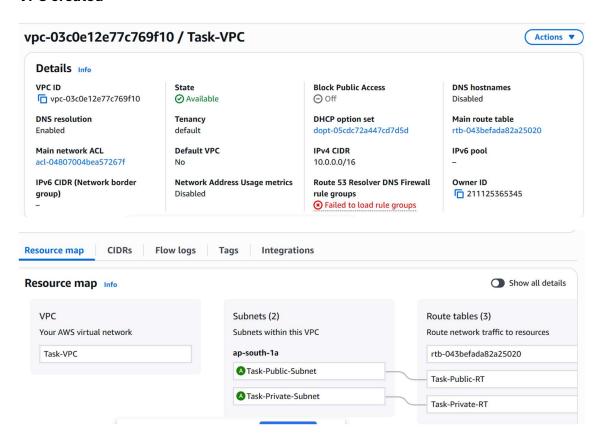
Set up a VPC with an Internet gateway, create a public subnet with 256 IP addresses, a private subnet with 256 IP addresses, make a route table connecting the Internet gateway and the subnets, and launch a Linux EC2 instance by using the above VPC and public subnet.

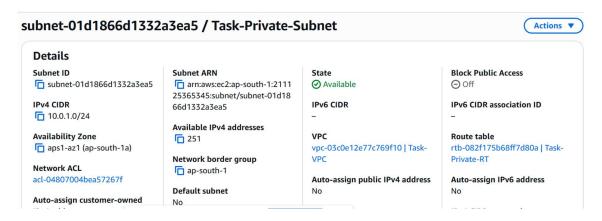
VPC created



Public subnet created



Private subnet created



Public Route table created



Private Route table created



Internet Gateway created



Instance created with above VPC & Subnet



Connected the instance

```
ens5: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 9001
       inet 10.0.0.231 netmask 255.255.255.0 broadcast 10.0.0.255
       inet6 fe80::df:43ff:fe47:4b25 prefixlen 64 scopeid 0x20<link>
       ether 02:df:43:47:4b:25 txqueuelen 1000 (Ethernet)
       RX packets 30978 bytes 42994376 (42.9 MB)
       RX errors 0 dropped 0 overruns 0 frame 0
       TX packets 3904 bytes 467949 (467.9 KB)
       TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
       inet 127.0.0.1 netmask 255.0.0.0
       inet6 :: 1 prefixlen 128 scopeid 0x10<host>
       loop txqueuelen 1000 (Local Loopback)
       RX packets 236 bytes 24046 (24.0 KB)
       RX errors 0 dropped 0 overruns 0 frame 0
       TX packets 236 bytes 24046 (24.0 KB)
       TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
ubuntu@ip-10-0-0-231:~$ 🗌
```