create vpc

- select the region (N.california)

- every region consists of default vpc. Don’t delete the default vpc

- create vpc – Name – demo-vpc

- Ipv4 CIDR block -192.168.0.0/16

- select no ipv6

- default – tenancy – create vpc

A screenshot of a computer

Description automatically generated

- create internet gate way

Name – demo-igw – create

Select created igw – actions – attach to the vpc created

A screenshot of a computer

Description automatically generated

- create subnet (single subnet) for demo-vpc

Subnet 1 of 1

- subnet name - demo-public-subnet

- availability zone – us-west-1a

- IPv4 CIDR block – 192.168.0.0/24 – create subnet

A screenshot of a computer

Description automatically generated

- create route table

- name – demo-rt-1 - select the demo-vpc – create

- select the routetable – subnet associations - edit subnet associations -select – save

- routes - edit routes – add route – 0.0.0.0/0 – demo-igw – save changes

Graphical user interface, text, application, email

Description automatically generated

Create ec2 instance and attach the demo-vpc

- launch ec2 instance in configure instance details – change the default vpc to demo-vpc – change the default subnet to demo-public-subnet

- Auto-assign Public IP – enable

A screenshot of a computer

Description automatically generated

Graphical user interface, text, email

Description automatically generated