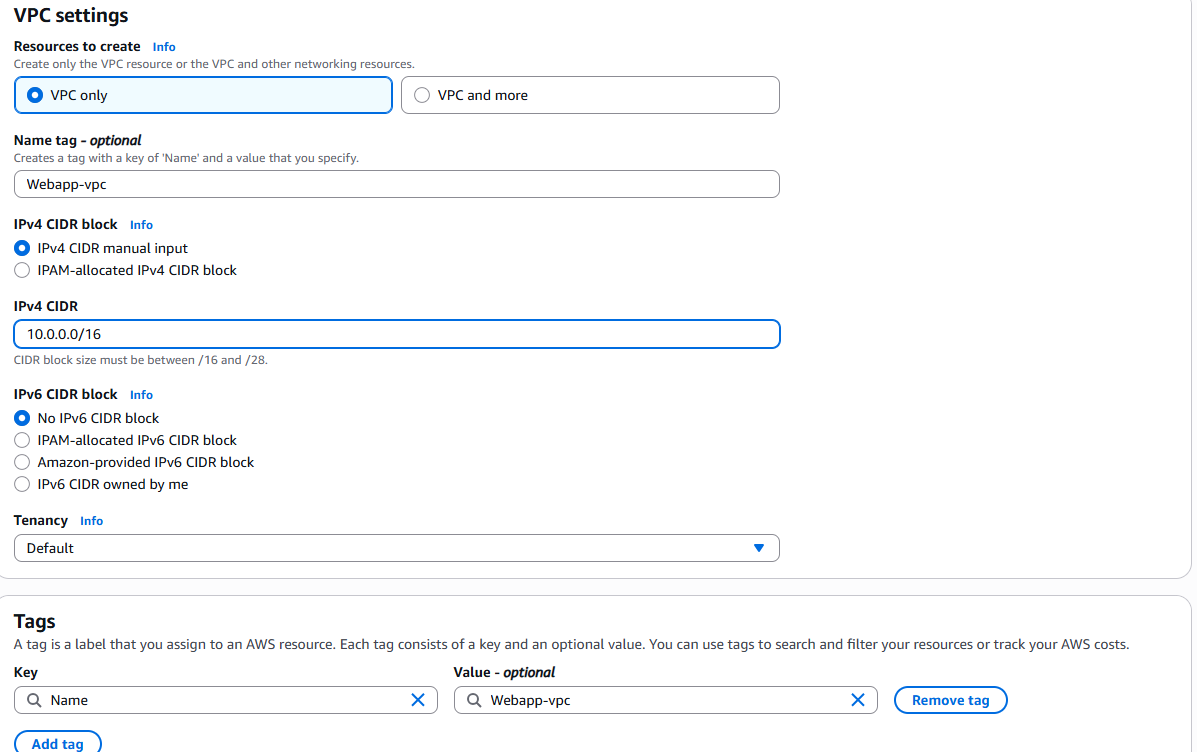
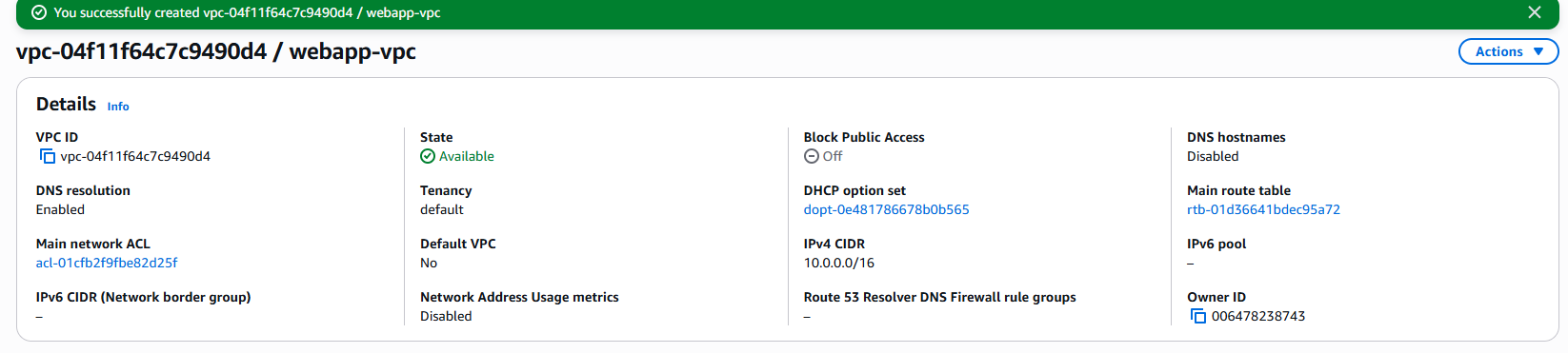
1. Create VPC

Name : webapp-vpc

IPv4 CIDR : 10.0.0.0/16

Keep other configurations as default.



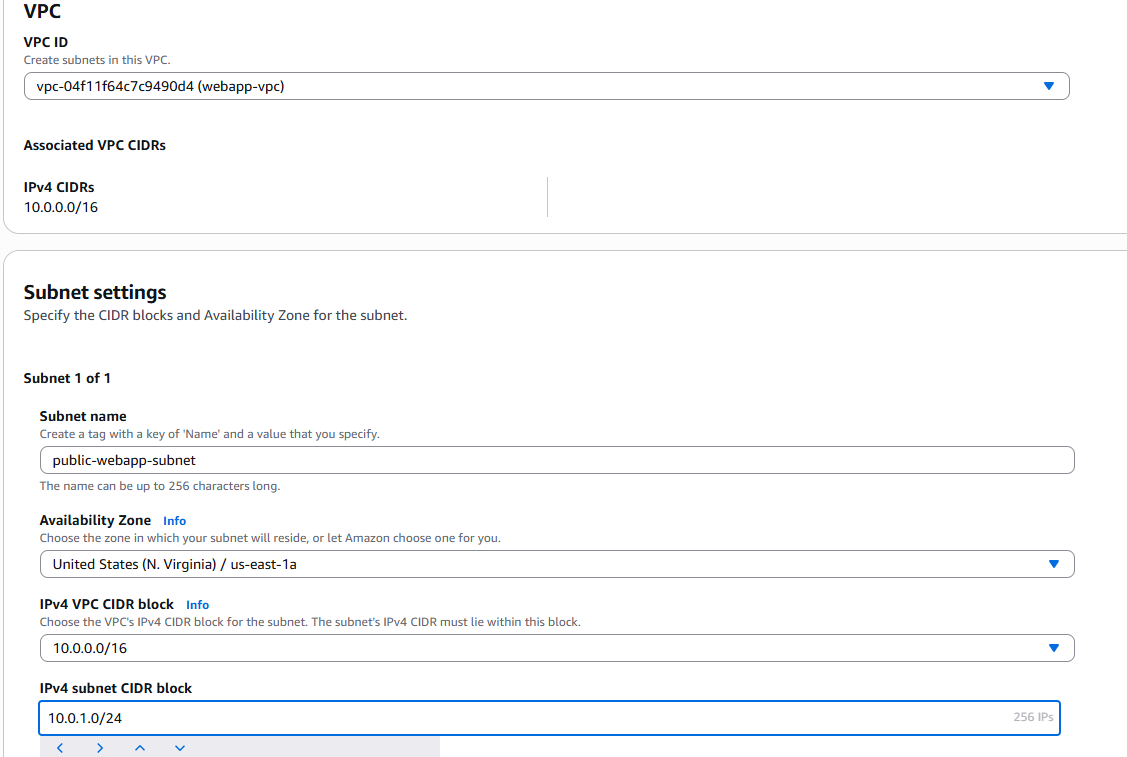


1. Create 2 subnets for vpc network.
2. Subnet 1 :

name : public-webapp-subnet

IP CIDR : 10.0.1.0/24

AZ : us-east-1a

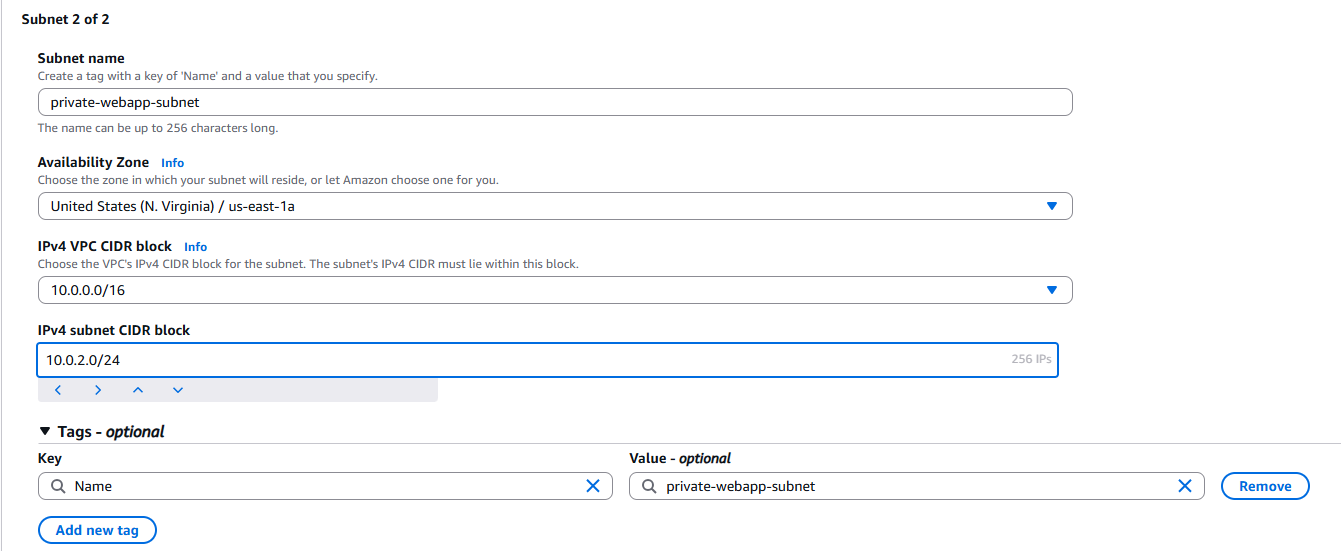


1. Subnet 2:

Name:private-webapp

IP CIDR:10.0.2.0/24

AZ:us-east-1a



1. Create internet gateway. Name as “webapp-igw”.

A screenshot of a computer

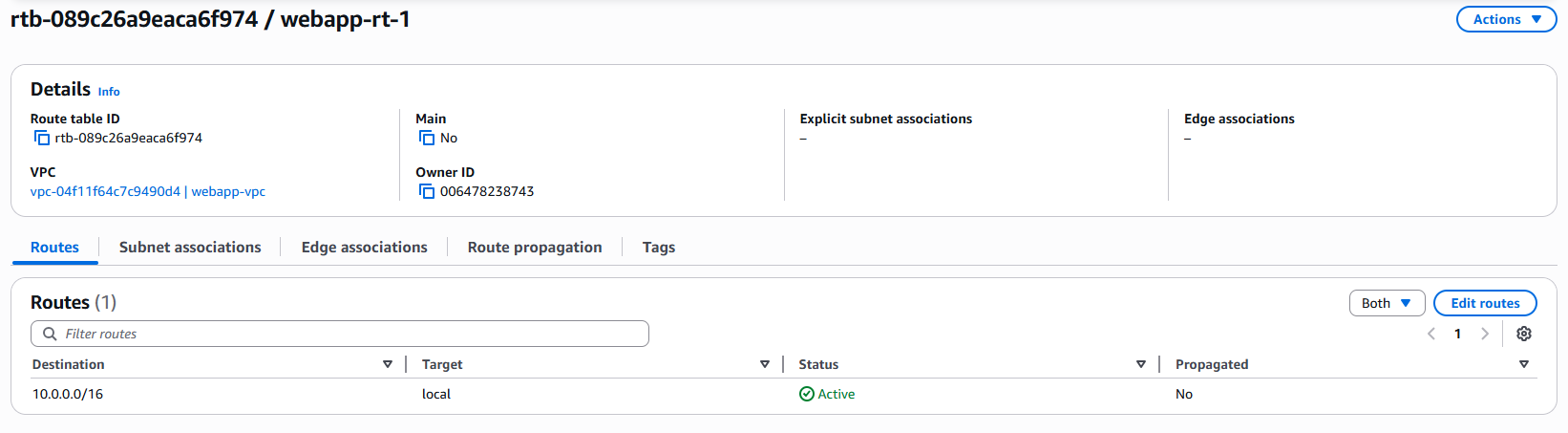
AI-generated content may be incorrect.

Attach IGW to VPC.

A screenshot of a computer

AI-generated content may be incorrect.

1. Create route table.



Associate subnet with route table.

A screenshot of a computer

AI-generated content may be incorrect.

Add route to internet gateway.

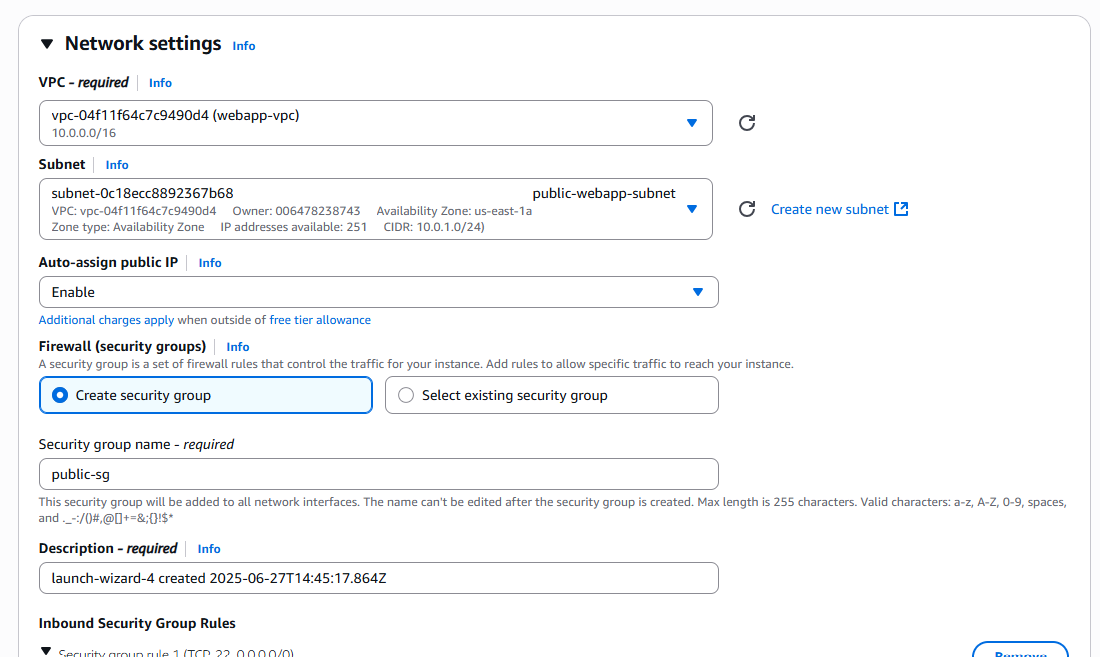
A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

1. Create EC2 instance in public and private subnets.
2. Webserver instance in public subnet.



A screenshot of a computer

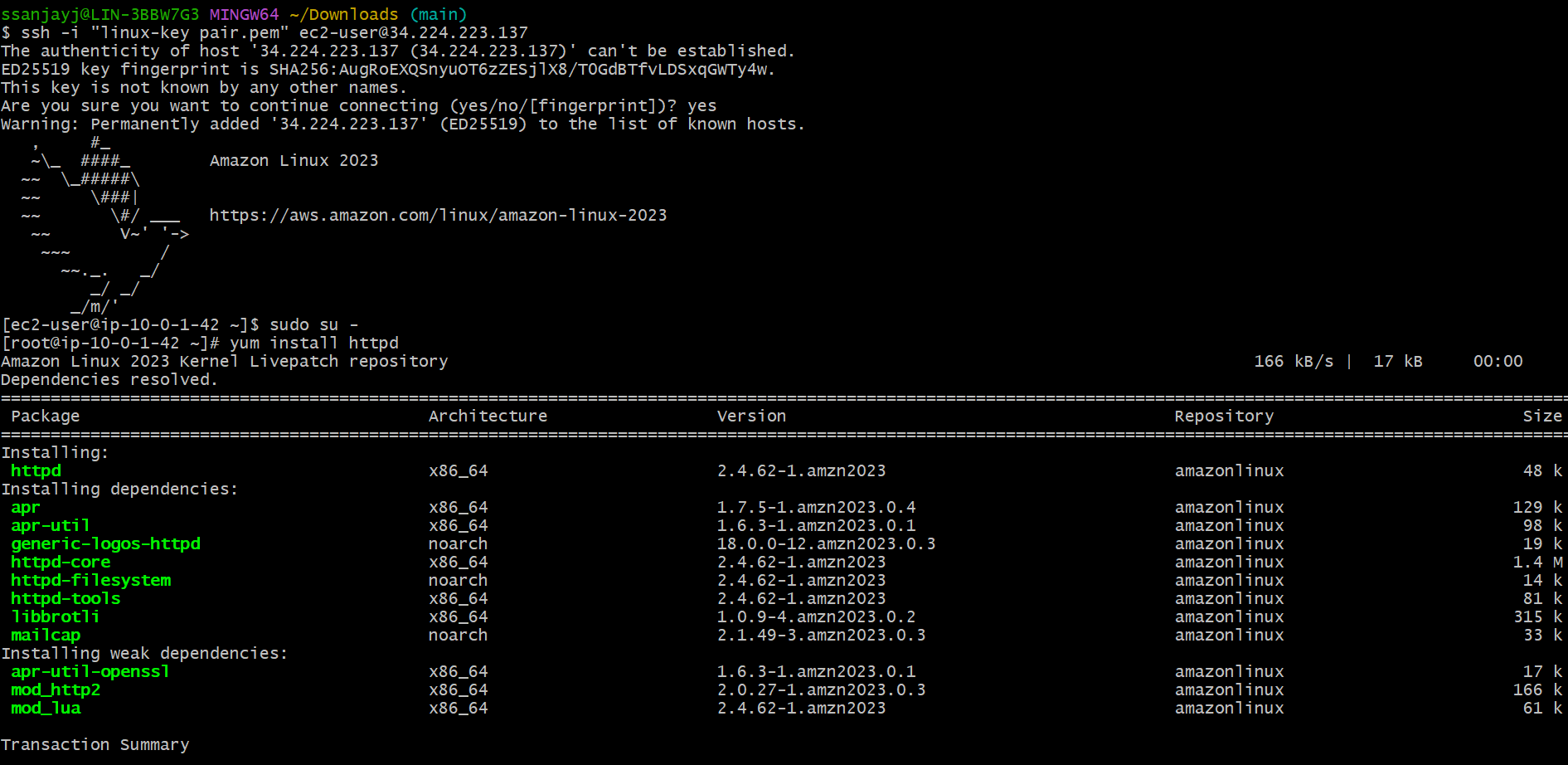
AI-generated content may be incorrect.

Connect to webserver-instance and try to install httpd.

A screenshot of a computer

AI-generated content may be incorrect.

1. Bastion server in public subnet.

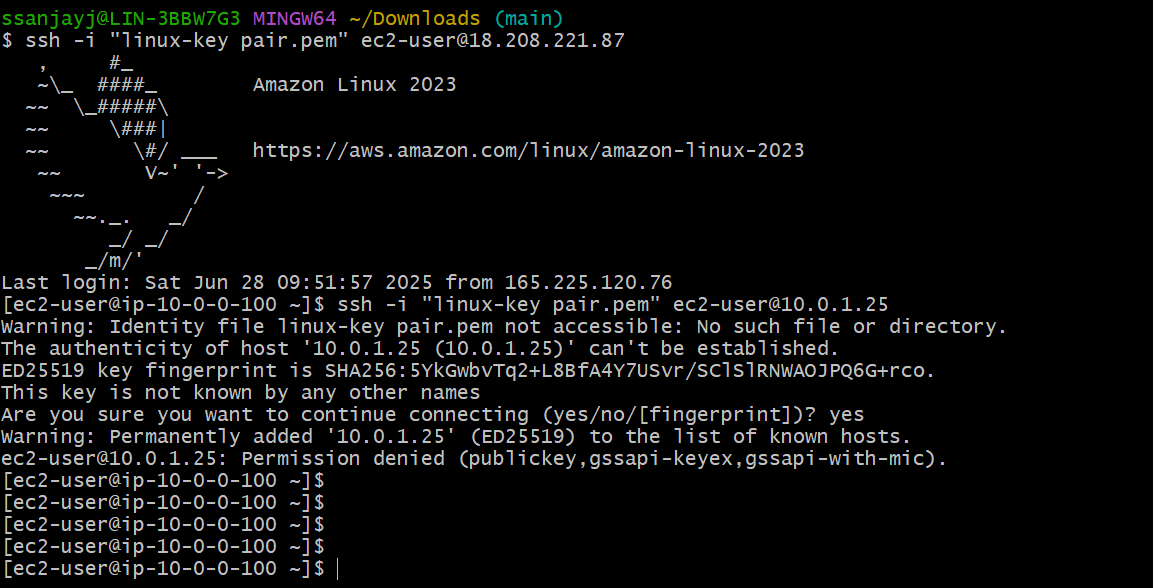


1. Database server in private subnet. Not able to access.

A computer screen with text on it

AI-generated content may be incorrect.

Access the database server from bastion server.



1. Create NAT gateway. Select private subnet.

A screenshot of a computer

AI-generated content may be incorrect.

1. Create route table.

Assoicate to private subnet.

Create route to nat gateway.

A screenshot of a computer

AI-generated content may be incorrect.

1. Able to install application in database server.

