

AWS NAT gateways:

When the server has only private ip using Nat gateway we can connect the server

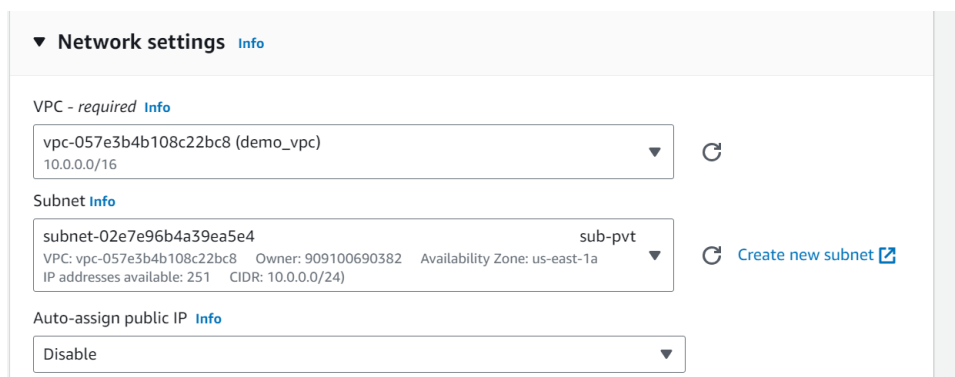
Step 1. First, we must create **two subnets** 1. **public subnets** (after creating right click and we select) and 2. **private subnets** (private means simply create subnet)

Step 2. lunch **two instance** using two subnets

[] in server A select **public subnet**

[] in server B select **private subnet**

[] in auto assign public Ip automatically disable



The screenshot shows the 'Network settings' section in the AWS console. It includes a dropdown for 'VPC' set to 'vpc-057e3b4b108c22bc8 (demo_vpc)' with a refresh icon. Below it is a 'Subnet' dropdown set to 'subnet-02e7e96b4a39ea5e4' (labeled 'sub-pvt') with a refresh icon and a 'Create new subnet' link. At the bottom, the 'Auto-assign public IP' is set to 'Disable'.

Step 3. go to **NAT gateway**

[] select **create** and **then select public subnet**

[] **allocate elastic Ip** and **create**

Step 4. go to **route table**

[] select **create** and **select VPC** which want

[] select **subnet association** and **select private subnet** and **save**

[] select **route** and **edit route**

[] add route in **destination 0.0.0.0/0** and in **target select NAT gateway** (select created NAT)

In server terminals

[] sudo su -

[] vi test.pem (we have to paste the .pem key of when we create key pair that time we downloaded)

[] chmod 400 test.pem

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[] ssh -I test.pem ubuntu@1.2.3.4 (private Ip of server B) (small I)
```

```
[] yes
```

Server B is connected and download the things it will download server B

```
[] wget image link
```

Ex: `wget --output-document=images_icons_linux-bsd.gif
https://www.electrictoolbox.com/images/icons/linux-bsd.gif`