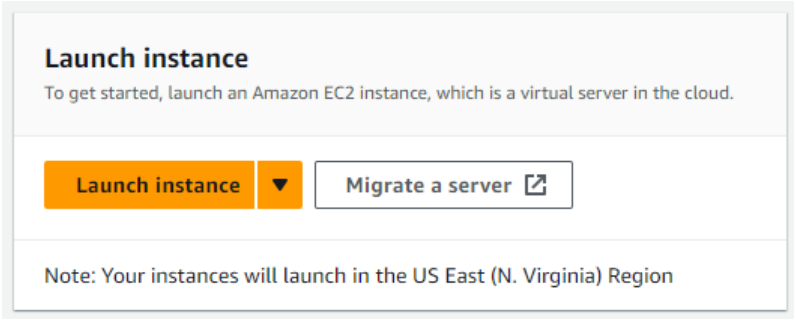
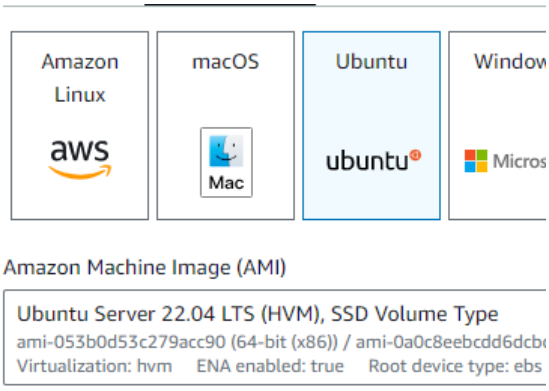
> **Note**
>
> Problem Statement:
> You work for XYZ Corporation. Your wants to launch a new web-based application using AWS Virtual Machines. Configure the resources accMdingly for the tasks. Tasks To Be Performed:
>
> 1. Create an instance in the US-East-I (N. Virginia) region with an Ubuntu OS and install Nginx for making them web servers.
> 2. Change the default website with a page displaying the message: "Hello World"

I'll log in to my AWS account and go to **EC2 Dashboard** and click **Launch instance**.

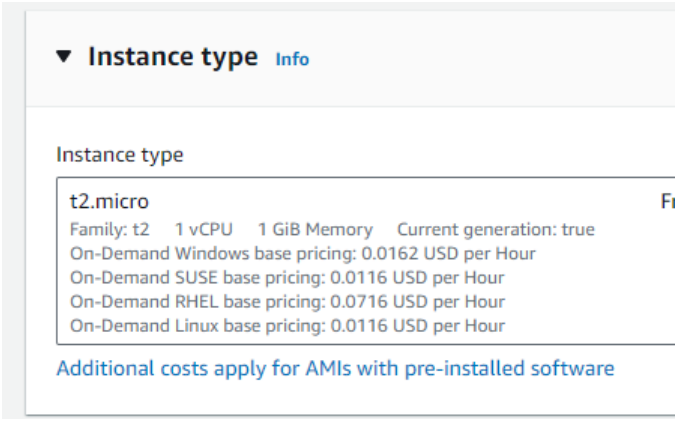


I happen to be in the correct Region (N. Virginia)

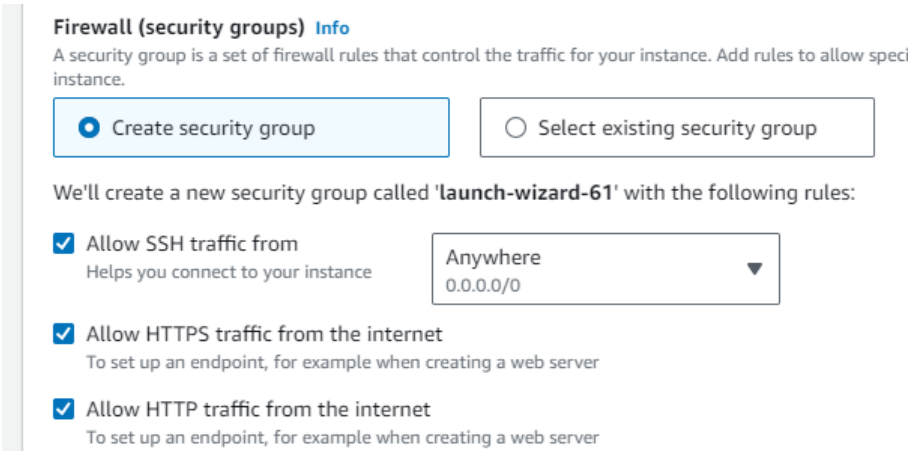
I'll name my instance **Web_Server**
Pick Ubuntu:



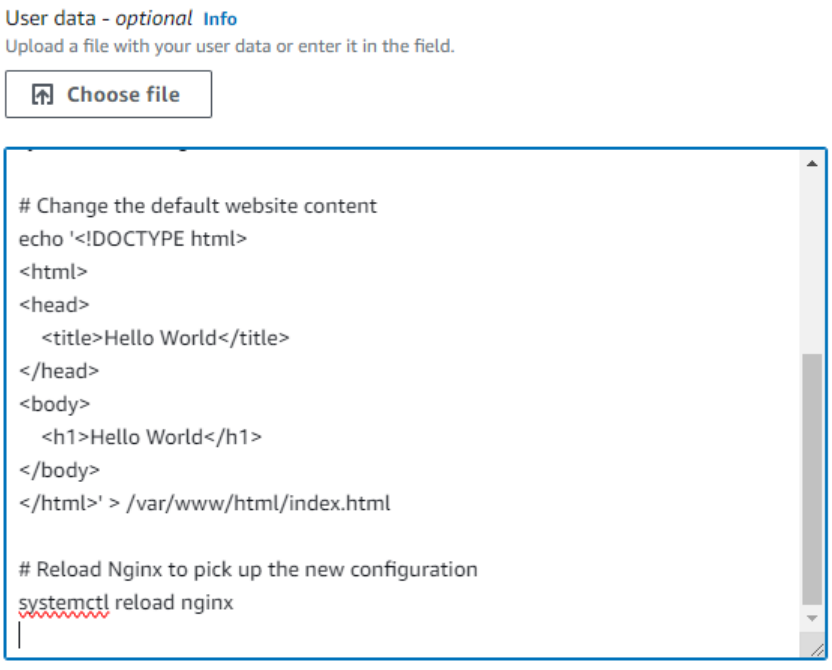
Instance type:



I'll make sure to **Allow** HTTP, HTTPS



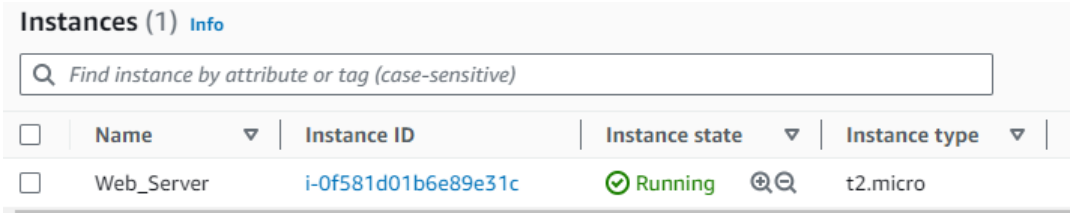
In **Advanced details** I'll run some commands in **User data** to make some changes to the page



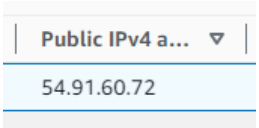
The full script:

```
#!/bin/bash

# Update package lists
apt-get update -y

# Install Nginx
apt-get install nginx -y

# Enable and start Nginx service
systemctl enable nginx
systemctl start nginx

# Change the default website content
echo '<!DOCTYPE html>
<html>
<head>
    <title>Hello World</title>
</head>
<body>
    <h1>Hello World</h1>
</body>
</html>' > /var/www/html/index.html

# Reload Nginx to pick up the new configuration
systemctl reload nginx
```

I'll wait for instance to be ready



I'll get the instance's **Public IP**



When I check in the browser the expected page appears: