## Step 1: Launch an EC2 Instance

➢ Sign in to your AWS Management Console.
➢ Go to the EC2 Dashboard and click on "Launch Instance" to launch a new EC2 instance.
➢ Select an Ubuntu Server AMI of your choice and proceed with the configuration and launch process.
➢ Choose the desired instance type, configure security groups, and follow the prompts to create the instance. Make sure to allow incoming traffic on port 80 (HTTP) in the security group.
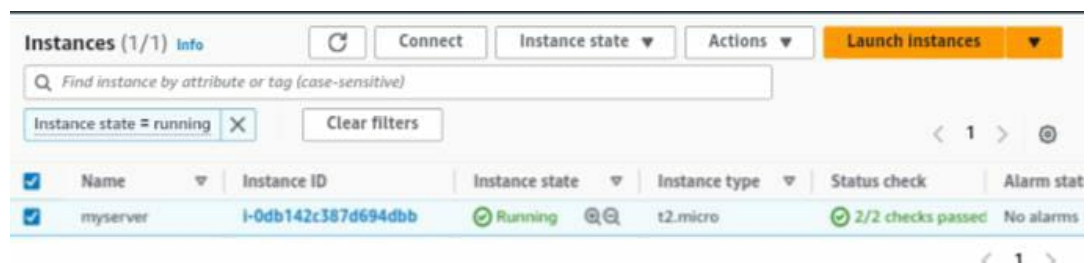
Step 2: Connect to the Instance

➢ Once the instance is launched, select the instance in the EC2 dashboard and click on "Connect" to get the connection details.
➢ Click on Connect, the page of Ubuntu/Linux will open as shown below.

Step 3: Update System Packages

➢ Once you are connected to your EC2 instance, update the package lists and upgrade existing packages by running the following commands:

- sudo -i
- apt-get update

Step 4: Install Apache Server

➢ To install Apache, run the following command:

➢ apt-get install apache2

➢ During the installation process, you may be prompted to confirm the installation. Type "Y" and press Enter to proceed.

Step 5: Start Apache Service

➢ After the installation is complete, Apache should start automatically. You can verify the status of the Apache service by running:

➢ systemctl status apache2

➢ If the service is not running, start it manually using the following command:

➢ systemctl start apache2

Step 6: Access Apache Default Page

➢ Open a web browser and enter the public IP address or public DNS of your EC2 instance. You should see the default Apache welcome page, confirming that the installation was successful.

Apache2 Ubuntu Default Page

It works!

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at /var/www/html/index.html) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in /usr/share/doc/apache2/README.Debian.gz**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the apache2-doc package was installed on this server.