

# Deploying an E-Commerce Web Server (GUI Mode)

First Launch an EC2 Instance

Go to **EC2 > Instances > Launch Instances**

## Step 1.2: Configure the instance

- **Name:** OpenCart-Server
- **AMI:** Amazon Linux 2 or Ubuntu 20.04
- **Instance Type:** t2.micro (Free Tier eligible)
- **Key Pair:** Choose an existing one or create a new key pair.
- **Network Settings:**
  - Select default VPC
  - Enable **Auto-assign Public IP**
  - Create new **Security Group** named OpenCartSG:
    - Inbound rules:

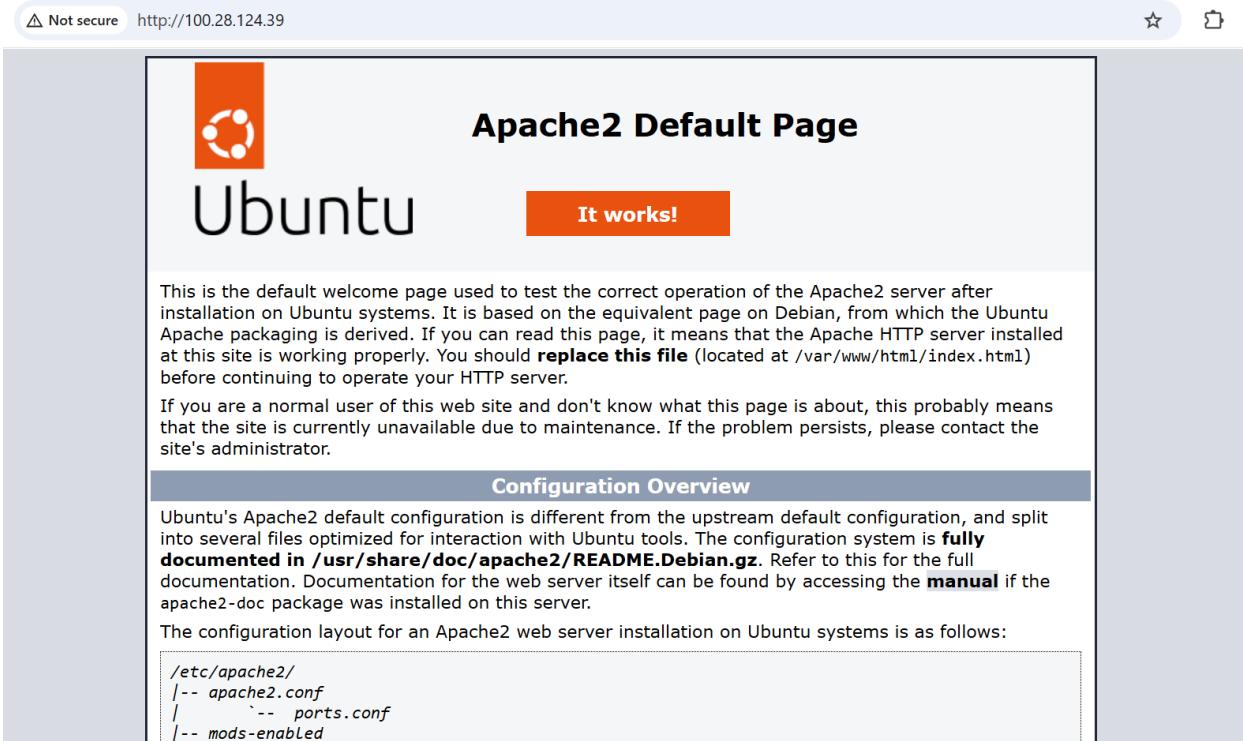
- HTTP (port 80) – Anywhere

SSH (port 22) – Your IP

The screenshot shows the AWS CloudWatch Instances console. At the top, there are tabs for 'Instances (1)' and 'Info'. Below the tabs are several buttons: 'Connect' (with a blue circular icon), 'Instance state ▾', 'Actions ▾', and 'Launch instances'. There is also a dropdown for 'All states ▾' and navigation arrows for page 1 of 1. A search bar says 'Find Instance by attribute or tag (case-sensitive)'. The main table lists one instance: 'Web-Application' with ID 'i-0cce67fc858d182b6'. The instance state is 'Running' (green circle with checkmark), and its type is 't3.micro'. The status check is 'Initializing' (blue circle with exclamation mark). There is a 'View alarms +' button. The table has columns for Name, Instance ID, Instance state, Instance type, Status check, and Alarm status.

Now Installing Apache2 ---> sudo apt -y install apache2

```
ubuntu@ip-172-31-75-238:~$ sudo apt -y install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
apache2 is already the newest version (2.4.58-1lubuntu8.10).
0 upgraded, 0 newly installed, 0 to remove and 78 not upgraded.
```



## Now Exposing Ecomm Application in /var/www/html

Git clone <https://github.com/Satwikchand/ecomm.git>  
/var/www/html

```
ubuntu@ip-172-31-75-238:~$ sudo git clone https://github.com/Satwikchand/ecomm.git /var/www/html
Cloning into '/var/www/html'...
remote: Enumerating objects: 185, done.
remote: Counting objects: 100% (17/17), done.
remote: Compressing objects: 100% (14/14), done.
remote: Total 185 (delta 9), reused 0 (delta 0), pack-reused 168 (from 2)
Receiving objects: 100% (185/185), 4.59 MiB | 43.55 MiB/s, done.
Resolving deltas: 100% (39/39), done.
```

```
ubuntu@ip-172-31-75-238:/var/www/html$ ls -l
total 240
-rw-r--r-- 1 root root 27 Feb 4 10:42 README.md
-rw-r--r-- 1 root root 23023 Feb 4 10:42 blog.html
-rw-r--r-- 1 root root 26117 Feb 4 10:42 checkout.html
-rw-r--r-- 1 root root 15737 Feb 4 10:42 contact.html
drwxr-xr-x 2 root root 4096 Feb 4 10:42 css
drwxr-xr-x 2 root root 4096 Feb 4 10:42 fonts
drwxr-xr-x 5 root root 4096 Feb 4 10:42 img
-rw-r--r-- 1 root root 26855 Feb 4 10:42 index.html
drwxr-xr-x 3 root root 4096 Feb 4 10:42 js
-rw-r--r-- 1 root root 1 Feb 4 10:42 oldfile
-rw-r--r-- 1 root root 16992 Feb 4 10:42 regular-page.html
drwxr-xr-x 2 root root 4096 Feb 4 10:42 scss
-rw-r--r-- 1 root root 45263 Feb 4 10:42 shop.html
-rw-r--r-- 1 root root 18342 Feb 4 10:42 single-blog.html
-rw-r--r-- 1 root root 17426 Feb 4 10:42 single-product-details.html
-rw-r--r-- 1 root root 610 Feb 4 10:42 style.css
-rw-r--r-- 1 root root 10 Feb 4 10:42 test.txt
```

← → ⌂ Not secure http://100.28.124.39

ESSENCE Shop Pages Blog Contact

asoss

# Winter Collection

VIEW COLLECTION



A screenshot of a web browser showing a website for 'ESSENCE'. The page features a large banner with a geometric pattern and the text 'asoss'. Below the banner, the word 'Winter Collection' is prominently displayed in large, bold, black letters. A blue button labeled 'VIEW COLLECTION' is positioned below the main title. At the top of the page, there is a navigation bar with links for 'ESSENCE', 'Shop', 'Pages', 'Blog', and 'Contact'. On the right side of the header, there is a search bar with the placeholder 'Type for search', a heart icon, a user icon, and a shopping cart icon with a '3' notification. The overall layout is clean and modern.