



OpenCart Powered by Code Creator

Usage instructions:

1. Launch the product via 1-click from AWS Marketplace. **Wait** until the instance status changes to 'Running' and passes all health checks. Then, connect to your instance using your Amazon private key and the '**ubuntu**' user."

To update software, use: **sudo apt update && sudo apt upgrade -y**

2. Log in and grab the cheat-sheet with credentials, run:

sudo cat /root/FIRST_LOGIN.txt

Open the ins This file contains:

- Store URL
- Admin URL
- Database name, user, and password

Copy and save these details.....

3. Open the installer

In a browser, go to your site (using either the **public IP** or your **domain**) and follow the OpenCart installer steps.

- Accept the license
- Confirm the pre-install checks
- Enter your **database details** (see below)
- Create your **admin username, password, and email**

When the installer finishes, **delete the install/ folder** when OpenCart prompts you.

4. Sign in to Admin

- Visit: `http://<your-ip-or-domain>/admin/` (or `https://` if using HTTPS) (see 2 options below)
 - Log in with the **admin username and password** you just created.
-

A) Run via Public IP

Use this when you don't have a domain yet.

1. Find your instance IP, run this 1 command:

```
TOKEN=$(curl -s --connect-timeout 1 -X PUT "http://169.254.169.254/latest/api/token" \
-H "X-aws-ec2-metadata-token-ttl-seconds: 60" || true)
IP=$(curl -sf -H "X-aws-ec2-metadata-token: $TOKEN" \
http://169.254.169.254/latest/meta-data/public-ipv4 \
|| hostname -I | awk '{print $1}')
echo "Public IP: $IP"
```

Use the DB that the AMI created for you:

- DB Driver: **MySQLi**
- Hostname: **localhost**
- Username: **opencart**
- Password: *(from your first-boot note — see above)*
- Database: **opencart**
- Prefix: **oc_** *(leave as is, or change if you want multiple installs sharing one DB)*
- Port: **3306**
- Advanced: leave defaults (no socket needed)

Get the password again if you need it: **sudo grep -A3 -n '^Database:' /root/FIRST_LOGIN.txt**

2. Open the site (note: http:)

- Store: **http://Your_Public_IP_Adress/**
- Admin: **http://Your_Public_IP_Adress/admin/**
 - The admin credentials you created.

Complete the installer, then **delete the install/ folder** when prompted.

3. **(Optional) HTTPS later:** you can add a domain and real TLS anytime (see section B).
4. **When you later move to a domain,** update URLs in Admin (see “Update Store URLs” below).

B) Run on a Domain name

Use this when you want a permanent URL and HTTPS.

1) Point DNS to your instance

- Create an **A record** for your domain (and www) to the instance **public IP**.
- (Optional) If you have IPv6, add **AAAA** to your IPv6 address.
- Verify from the server:

```
dig +short A yourdomain.com
dig +short A www.yourdomain.com
```

(These should print your instance's IP.)

2) Tell Nginx your domain

Add your domain to server_name and reload Nginx

```
sudo sed -i 's/server_name _;/server_name yourdomain.com www.yourdomain.com;/' \
/etc/nginx/sites-available/opencart
sudo nginx -t && sudo systemctl reload nginx
```

3) Get a real TLS certificate (Let's Encrypt)

```
sudo apt update -y
sudo apt install -y certbot python3-certbot-nginx
sudo certbot --nginx -d yourdomain.com -d www.yourdomain.com
```

- Choose the option to **redirect HTTP → HTTPS**.
- Test:

```
curl -I https://yourdomain.com
```

4) Run the OpenCart installer at your domain (Note: https)

- Store: **https://yourdomain.com/**
- Admin: **https://yourdomain.com/admin/**
- Complete the wizard → **delete install/**.

Update Store URLs (important when switching IP → domain)

In Admin:

- Go to **System → Settings → (Edit your store)**
 - **General** tab → set Store URL to your final URL (with https:// if using HTTPS).
 - **Server** tab → set **Use SSL** to **Yes**.
- Click **Save**.
- Refresh caches:
 - **Dashboard** → **gear icon (Developer Settings)** → click **Refresh** (Theme/SCSS cache).
 - **Extensions** → **Modifications** → click **Refresh**.

(If you installed on the IP first, doing the above is enough—no need to reinstall.)

Optional

Allocate Elastic IP

To ensure that your instance keeps its IP during restarts that might happen, configure an Elastic IP. From the EC2 console:

1. Select ELASTIC IPs.
2. Click on the ALLOCATE ELASTIC IP ADDRESS.
3. Select the default (Amazon pool of IPv4 addresses) and click on ALLOCATE.
4. From the ACTIONS pull down, select ASSOCIATE ELASTIC IP ADDRESS.
5. In the box that comes up, note down the Elastic IP Address, which will be needed when you configure your DNS.
6. In the search box under INSTANCE, click and find your INSTANCE ID and then click ASSOCIATE.

Your instance now has an elastic IP associated with it.

***For Domain Users:**

You will also need to configure your DNS entry for the new host server you created. Change your domain's "Record Set" value to point to your new instance. Change and copy your "IPv4 Public IP" into the "A" type value. (if you need additional help):

<https://docs.aws.amazon.com/Route53/latest/DeveloperGuide/rrsets-working-with.html>