

Moodle Learning Management System by Code Creator

AWS Marketplace User Instructions

Moodle Ubuntu 26.04 LTS

1. Launch the instance

Launch the product from AWS Marketplace using an EC2 key pair that you control. Recommended security group rules:

Protocol	Port	Source	Purpose
TCP	22	Your IP or trusted CIDR	SSH administration
TCP	80	Intended user networks	Moodle web access

Do not expose MariaDB port 3306 or Redis port 6379. These services are internal to the application stack.

2. Wait for automatic first boot

After launch, allow approximately **5 to 10 minutes** for the first boot process to create a fresh Moodle database, generate unique credentials, start the containers, and enable Moodle cron. **Do not interrupt the instance during this initial setup.**

3. Connect by SSH and get your login

Connect with the Amazon EC2 private key selected during launch. The SSH username is **ubuntu**

```
ssh -i your-key.pem ubuntu@YOUR_PUBLIC_IP
```

Display the generated customer login file run:

```
sudo cat /home/ubuntu/FIRST_LOGIN.txt
```

Keep FIRST_LOGIN.txt private because it contains the generated Moodle administrator password.

4. Open Moodle

Open a browser to:

- **http://YOUR_PUBLIC_IP**

Sign in with the administrator username and password shown in **FIRST_LOGIN.txt**. Change the Moodle administrator password after the first successful login.

5. Common administration commands

- Check overall status: **codecreator-moodle-status**
- Show installed version: **codecreator-moodle-version**
- Show help: **codecreator-moodle-help**
- Check first boot status: **codecreator-moodle-firstboot-status**
- Create a backup: **sudo codecreator-moodle-backup**
- Restart Moodle services: **sudo codecreator-moodle-restart**

6. Health, backup, and recovery

Use `codecreator-moodle-status` to confirm the Moodle application and containers are healthy. Use `sudo codecreator-moodle-backup` before major Moodle changes, plugin installations, or upgrades. Backups are stored under `/var/backups/codecreator-moodle` and should be copied to durable customer controlled storage as part of your backup policy.

7. Security and production use

- Restrict SSH port 22 to trusted administrator IP addresses whenever practical.
- The default web endpoint uses HTTP on port 80. For production or internet facing use, place the server behind an HTTPS capable load balancer or reverse proxy, or configure TLS using your own domain and certificate.
- MariaDB and Redis are private application services and should not be opened to the public internet.
- No additional customer IAM role is required for normal Moodle operation.

8. Support notes

For support see: <https://docs.moodle.org/502/en/MoodleDocs:Overview#English>