

How to prepare Amazon AMI Finmars CE

Guide how to prepare web-form only installation Ubuntu 24.04 for Amazon AMI

- [Getting Started](#)

Getting Started

1) Request VM with Ubuntu 24.04

2) Install required packages

```
sudo apt update
sudo apt install -y ca-certificates curl gnupg lsb-release ntp

wget -qO- https://get.docker.com/ | sh

sudo usermod -aG docker $USER
newgrp docker
```

3) Create Finmars Folder

```
sudo mkdir -p /opt/finmars
sudo chown $USER:$USER /opt/finmars
```

4) Clone Finmars Community Edition

```
cd /opt/finmars
git clone https://github.com/finmars-platform/finmars-community-edition.git .
```

5) Install Make

```
sudo apt install -y make git
```

6) Install Flask

```
sudo apt install python3-flask
```

7) Create systemd service

```
sudo vim /etc/systemd/system/init-setup.service
```

Paste following content

[Unit]

Description=Finmars Initial Setup

After=network.target

[Service]

WorkingDirectory=/opt/finmars

ExecStart=/usr/bin/python3 /opt/finmars/init-setup.py

Restart=no

[Install]

WantedBy=multi-user.target

Reload Systemd

```
sudo systemctl daemon-reload
sudo systemctl enable init-setup
sudo systemctl start init-setup
```

8) Add crontab to execute step

```
sudo crontab -e
```

Add following line to crontab

```
***** cd /opt/finmars && /usr/bin/python3 init-setup.py --run-step
```

9) Pull Images (for faster user insallation)

```
docker pull postgres:13-alpine
docker pull rabbitmq
docker pull redis
docker pull certbot/certbot
docker pull nginx
docker pull quay.io/keycloak/keycloak:24.0.3
```

And Pull Finmars Images (for faster user insallation)

```
docker pull finmars/finmars-core:1.19.7-rc
docker pull finmars/finmars-workflow:1.19.3-rc
docker pull finmars/finmars-start-page:1.19.0-stable
docker pull finmars/finmars-portal:1.19.0-stable
docker pull finmars/finmars-vue-portal:1.19.3-rc
```

```
docker pull finmars/finmars-workflow-portal:1.19.2-rc
```

htestat