

# CMS Linux

---

## OS requirements

---

CMS for Linux is only compatible with x86\_64 (amd64) architectures.

To install CMS, you need a 64-bit version of one of the following Ubuntu versions:

- Ubuntu Noble 24.04 (LTS)

## Environment requirements

---

Before install CMS for the first time on a new host machine, please make sure that Docker is installed on your host machine.

It is recommended to use the following Docker version for install the CMS:

- `containerd.io_1.7.23-1_amd64.deb`
- `docker-ce_27.3.1-1~ubuntu.24.04~noble_amd64.deb`
- `docker-ce-cli_27.3.1-1~ubuntu.24.04~noble_amd64.deb`
- `docker-buildx-plugin_0.17.1-1~ubuntu.24.04~noble_amd64.deb`
- `docker-compose-plugin_2.29.7-1~ubuntu.24.04~noble_amd64.deb`

Refer to the documentation for install Docker:

<https://docs.docker.com/engine/install/ubuntu/>

## Install & Upgrade CMS

---

### Download CMS

```
1 | sudo curl -o cms_install.sh https://cms.s.cdatayun.com/cms_linux/cms_install.sh \  
2 | && sudo chmod +x ./cms_install.sh
```

### Install CMS

Before install CMS, please confirm the CMS version you need and replace `<version>` in the following example.

Install CMS. Please do not Update the paths in the following example to other. This file only supports operations in the current directory.

```
1 | sudo ./cms_install.sh install --version <cms_version>
```

## Upgrade CMS

Before upgrade CMS, please confirm the CMS version you need and replace `<version>` in the following example. CMS only supports upgrade.

Upgrade CMS. Please do not Update the paths in the following example to other. This file only supports operations in the current directory.

```
1 | sudo ./cms_install.sh upgrade --version <cms_version>
```

## Start CMS

```
1 | cd /path/to/CMS && sudo docker compose up -d
```

## Stop CMS

```
1 | cd /path/to/CMS && sudo docker compose down
```

## Reset root password

```
1 | sudo docker exec -it cms-mysql sh -c 'mysql -uroot -p"${MYSQL_ROOT_PASSWORD}"  
ccssx_boot -e "source /reset_pwd/reset_pwd.sql"'
```

## Reset CMS Host

Before Reset the CMS Host, please confirm the CMS Host you need and replace `<host>` in the following example. After reset the CMS Host, you need to restart the CMS.

1. reset CMS Host

```
1 | sudo docker exec -it cms-mysql sh -c 'mysql -uroot -p"${MYSQL_ROOT_PASSWORD}"  
ccssx_boot -e "update sys_tenant set ip = \"<host>\" \"'
```

2. restart CMS

```
1 | cd /path/to/CMS && sudo docker compose down  
2 | cd /path/to/CMS && sudo docker compose up -d
```

## Uninstall CMS in Linux

### Uninstalling CMS and retain data

```
1 cd /path/to/CMS && docker compose down
2 rm -rf /path/to/CMS
```

### Uninstalling CMS and not retain data

```
1 cd /path/to/CMS && docker compose down
2 rm -rf /path/to/CMS
3 rm -rf /path/to/volume
```