

# Basic Settings



- If you use a [CloudShell](#) series, **activate** a LCD display and a fan of the machine.
  - [Cloudshell LCD Configuration](#)
  - [CloudShell2 LCD/Fan Configuration](#)

Before you build, you should **update your ODROID** and set timezone, locale data.

## Update the system

Type the command lines below to update your ODROID.

target

```
$ sudo apt update && sudo apt full-upgrade
```

And install latest kernel.

target

```
$ sudo apt install linux-image-xu3  
$ reboot
```

## Set timezone/locale data

Set timezone.

target

```
$ sudo dpkg-reconfigure tzdata
```

Set locale.

target

```
sudo locale-gen "en_US.UTF-8"  
sudo update-locale LC_ALL=en_US.UTF-8 LANG=en_US.UTF-8  
sudo dpkg-reconfigure locales  
# Select "en_US.UTF-8" for all of the steps.
```

To take effect, you should **re-connect** your shell and you can check using following command.

target

```
$ locale

# results
LANG=en_US.UTF-8
LANGUAGE=
LC_CTYPE="en_US.UTF-8"
LC_NUMERIC="en_US.UTF-8"
LC_TIME="en_US.UTF-8"
LC_COLLATE="en_US.UTF-8"
LC_MONETARY="en_US.UTF-8"
LC_MESSAGES="en_US.UTF-8"
LC_PAPER="en_US.UTF-8"
LC_NAME="en_US.UTF-8"
LC_ADDRESS="en_US.UTF-8"
LC_TELEPHONE="en_US.UTF-8"
LC_MEASUREMENT="en_US.UTF-8"
LC_IDENTIFICATION="en_US.UTF-8"
LC_ALL=en_US.UTF-8
```

## Create a user

We **strongly recommend** you to create a user for SSH access or for doing something related to the ODROID.

And we **also recommend** you to create a group for the NAS services. For file sharing, specifying a group is very helpful.

To create a user and to grant super user permission, enter the command lines below:

target

```
# Enter prefer user name.
$ sudo adduser your-user-name
$ sudo usermod -G sudo your-user-name
```

To create a group, enter the command lines below:

target

```
# Enter prefer group name
$ sudo groupadd your-group-name
```

And to join a new user into a new group, enter the command lines below:

target

```
$ sudo usermod -a -G your-group-name your-user-name
```

After you're done, change root's password and disable SSH root login.

target

```
$ sudo passwd  
  
$ sudo vi /etc/ssh/sshd_config  
# Find "PermitRootLogin" and change it to "no".  
$ sudo service sshd restart
```

**Restart the shell** and login again with your new account.

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