

The screenshot shows a MobaXterm terminal window with the following content:

Terminal title: 3.82.1.92 (ubuntu)

Terminal menu: Terminal, Sessions, View, X server, Tools, Games, Settings, Macros, Help

Terminal toolbar: Session, Servers, Tools, Games, Sessions, View, Split, MultiExec, Tunneling, Packages, Settings, Help

Quick connect...: 4. 3.82.1.92 (ubuntu)

Terminal output:

```
ubuntu@ip-172-31-1-225:~$ sudo docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
330002d4fec3   ubuntu   "/bin/bash"             48 minutes ago Up 48 minutes  0.0.0.0:80→80/tcp, :::80→80/tcp    romantic_hopper

ubuntu@ip-172-31-1-225:~$ sudo docker commit 330002d4fec3 assignment2
sha256:c79e86774b5726bdbc53789b979285d9b685f5907d3e3093da8a91e1f55a13fa

ubuntu@ip-172-31-1-225:~$ sudo docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
assignment2    latest   c79e86774b57   19 seconds ago 228MB
ubuntu        latest   74f2314a03de   9 days ago    77.8MB
```

A red arrow points to the 'SIZE' column in the 'docker images' output, specifically to the '228MB' value for the 'assignment2' image.

Terminal sidebar (left):

- Home icon
- File explorer: /home/ubuntu/
 - Name
 - ..
 - .cache
 - .ssh
 - .bash_logout
 - .bashrc
 - .profile
 - .xauthority
- Remote monitoring checkbox
- Follow terminal folder checkbox

Terminal status bar: UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

Windows taskbar (bottom):

- Search: Type here to search
- Taskbar icons: File Explorer, Edge, Mail, etc.
- System tray: 24°C Haze, 22:33, 10-03-2023, ENG

3.82.1.92 (ubuntu)

Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

Quick connect...

4. 3.82.1.92 (ubuntu)

```
ubuntu@ip-172-31-1-225:~$ sudo docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
330002d4fec3   ubuntu   "/bin/bash"             48 minutes ago Up 48 minutes 0.0.0.0:80→80/tcp, :::80→80/tcp    romantic_hopper

ubuntu@ip-172-31-1-225:~$ sudo docker commit 330002d4fec3 assignment2
sha256:c79e86774b5726bdbc53789b979285d9b685f5907d3e3093da8a91e1f55a13fa

ubuntu@ip-172-31-1-225:~$ sudo docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
assignment2    latest    c79e86774b57   19 seconds ago 228MB
ubuntu         latest    74f2314a03de   9 days ago    77.8MB

ubuntu@ip-172-31-1-225:~$ sudo docker run -itd -p 81:80 assignment2
a8b1c90f3c30baca6559c8ca0f9dc87e4edb3dee0c7f9148428960ac91499e41

ubuntu@ip-172-31-1-225:~$ sudo docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
a8b1c90f3c30   assignment2 "/bin/bash"             26 seconds ago Up 26 seconds 0.0.0.0:81→80/tcp, :::81→80/tcp    clever_goldwasser
330002d4fec3   ubuntu   "/bin/bash"             52 minutes ago Up 52 minutes 0.0.0.0:80→80/tcp, :::80→80/tcp    romantic_hopper

ubuntu@ip-172-31-1-225:~$ sudo docker exec -it a8b1c90f3c30 bash
root@a8b1c90f3c30:/# service apache2 start
* Starting Apache httpd web server apache2
AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.17.0.3. Set the 'ServerName' directive globally to suppress this message
*
root@a8b1c90f3c30:/# service apache2 status
* apache2 is running
root@a8b1c90f3c30:/#
```

Remote monitoring

Follow terminal folder

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23°C Haze 22:38 10-03-2023



Apache2 Default Page

Ubuntu

It works!

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at `/var/www/html/index.html`) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in `/usr/share/doc/apache2/README.Debian.gz`**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the `apache2-doc` package was installed on this server.

The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

```
/etc/apache2/
|-- apache2.conf
|   |-- ports.conf
|-- mods-enabled
|   |-- *.Load
|   |-- *.conf
|-- conf-enabled
|   |-- *.conf
|-- sites-enabled
|   |-- *.conf
```

- `apache2.conf` is the main configuration file. It puts the pieces together by including all remaining configuration files when starting up the web server.
- `ports.conf` is always included from the main configuration file. It is used to determine the listening ports for incoming connections, and this file can be customized anytime.
- Configuration files in the `mods-enabled/`, `conf-enabled/` and `sites-enabled/` directories contain particular configuration snippets which manage modules, global configuration fragments, or virtual host configurations, respectively.
- They are activated by symlinking available configuration files from their respective `*-available/` counterparts. These should be managed by using our helpers `a2enmod`, `a2dismod`, `a2ensite`, `a2dissite`, and `a2enconf`, `a2disconf`. See their respective man pages for detailed information.