

1. Save the image created in assignment 1 as a Docker image
2. Launch container from this new image and map the port to 81
3. Go inside the container and start the Apache2 service
4. Check if you are able to access it on the brows

`docker commit container_id image_name`

Replace `container_id` with the ID of the container you want to save, and `image_name` with the desired name for the new image.

```
ubuntu@ip-172-31-28-52:~$ sudo docker commit 9d54e6f486bf lovely
sha256:6c641ca59cd2ce26e2a4c1d8e7bf7c3df35d85e6aec79450f545fc121fade98c
ubuntu@ip-172-31-28-52:~$
```

i-07df776406e346ba5 (maan)

PublicIPs: 34.233.128.15 PrivateIPs: 172.31.28.52

`docker run -d -p 81:80 image_name`

```
ubuntu@ip-172-31-28-52:~$ sudo docker run -d -p 81:80 lovely
a9c924cc1a6398127a1026a2289cc80e0e17316d462466f835f443f6f99c5e28
ubuntu@ip-172-31-28-52:~$
```

i-07df776406e346ba5 (maan)

PublicIPs: 34.233.128.15 PrivateIPs: 172.31.28.52

`docker exec -it container id bash`

```
ubuntu@ip-172-31-28-52:~$ sudo docker exec -it 9d54e6f486bf bash
root@9d54e6f486bf:/# service apache2 start
* Starting Apache httpd web server apache2

i-07df776406e346ba5 (maan)
PublicIPs: 34.233.128.15 PrivateIPs: 172.31.28.52
```

CloudShell Feedback






© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie prefer


`service apache2 start`

```
root@9d54e6f486bf:/# service apache2 start
* Starting Apache httpd web server apache2
*
root@9d54e6f486bf:/# service apache2 status
* apache2 is running
root@9d54e6f486bf:/#
```

i-07df776406e346ba5 (maan)

PublicIPs: 34.233.128.15 PrivateIPs: 172.31.28.52

34.233.128.15



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
```