

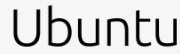
Tasks To Be Performed:

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 browser

```

us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-00a3b9f54c7f0ee7c&osUser=ubuntu&ss...
aws Services Search [Alt+S] N. Virginia Shanawaz Khan
ubuntu@ip-172-31-82-124:~$ sudo docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
614556b07111   ubuntu   "/bin/bash"             23 minutes ago Up 23 minutes  0.0.0.0:80->80/tcp, :::80->80/tcp   C1
ubuntu@ip-172-31-82-124:~$ sudo docker commit C1 image2
sha256:2cbf210ab7beae7e5dca23489e5f08fb07969e409c59adedf3309e87917b24a7
ubuntu@ip-172-31-82-124:~$ sudo docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
image2        latest   2cbf210ab7be  40 seconds ago  228MB
ubuntu        latest   5a81c4b850de  5 weeks ago    77.8MB
ubuntu@ip-172-31-82-124:~$ sudo docker run -itd -p 81:80 --name C2 image2
23a7b1801052a9e8ea4008f98b375d502bf500f079ec8045276fa48f283c8825
ubuntu@ip-172-31-82-124:~$ sudo docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
23a7b1801052   image2    "/bin/bash"             11 seconds ago Up 10 seconds  0.0.0.0:81->80/tcp, :::81->80/tcp   C2
614556b07111   ubuntu   "/bin/bash"             26 minutes ago Up 26 minutes  0.0.0.0:80->80/tcp, :::80->80/tcp   C1
ubuntu@ip-172-31-82-124:~$ sudo docker exec -it C2 bash
root@23a7b1801052:/# apt-get update
Get:1 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Hit:2 http://archive.ubuntu.com/ubuntu jammy InRelease
Get:3 http://archive.ubuntu.com/ubuntu jammy-updates InRelease [119 kB]
Get:4 http://archive.ubuntu.com/ubuntu jammy-backports InRelease [109 kB]
Get:5 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [1104 kB]
Get:6 http://archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1235 kB]
Fetched 2677 kB in 1s (2441 kB/s)
Reading package lists... Done
root@23a7b1801052:/# service apache2 status
* apache2 is not running
root@23a7b1801052:/# 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@23a7b1801052:/#
sha256:2cbf210ab7beae7e5dca23489e5f08fb07969e409c59adedf3309e87917b24a7
ubuntu@ip-172-31-82-124:~$ sudo docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
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23a7b1801052   image2    "/bin/bash"             11 seconds ago Up 10 seconds  0.0.0.0:81->80/tcp, :::81->80/tcp   C2
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Hit:2 http://archive.ubuntu.com/ubuntu jammy InRelease
Get:3 http://archive.ubuntu.com/ubuntu jammy-updates InRelease [119 kB]
Get:4 http://archive.ubuntu.com/ubuntu jammy-backports InRelease [109 kB]
Get:5 http://archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [1104 kB]
Get:6 http://archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [1235 kB]
Fetched 2677 kB in 1s (2441 kB/s)
Reading package lists... Done
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* apache2 is not running
root@23a7b1801052:/# 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@23a7b1801052:/#
root@23a7b1801052:/# service apache2 status
* apache2 is running
root@23a7b1801052:/#

```



It works!

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.

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.

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

- ## Document Roots

The default Ubuntu document root is `/var/www/html`. You can make your own virtual hosts under `/var/www`.

Please report bugs specific to modules (such as PHP and others) to their respective packages, not to the web server itself.