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**COURSE**

**Operating System Lab**

**Professor**

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### **System Administration :-> Lab Task #3**

First of all I install docker and then start the service of docker and then I download Ubuntu template. Here is the screen shot and then I make a container name by mysql-container

```
root@3981158dd263: /
File Edit View Search Terminal Help
Using default tag: latest
latest: Pulling from library/ubuntu
d51af753c3d3: Pull complete
fc878cd0a91c: Pull complete
6154df8ff988: Pull complete
fee5db0ff82f: Pull complete
Digest: sha256:747d2dbbaee995098c9792d99bd333c6783ce56150d1b11e333bbceed5c54d7
Status: Downloaded newer image for ubuntu:latest
docker.io/library/ubuntu:latest
tashfeen222@hp ~
$ sudo docker images
REPOSITORY          TAG             IMAGE ID        CREATED         SIZE
ubuntu              latest          1d622ef86b13   7 days ago     73.9MB
tashfeen222@hp ~
$ clear
tashfeen222@hp ~
$ sudo docker images
REPOSITORY          TAG             IMAGE ID        CREATED         SIZE
ubuntu              latest          1d622ef86b13   7 days ago     73.9MB
tashfeen222@hp ~
$ sudo docker run --name mysql-container -it ubuntu
[sudo] password for tashfeen222:
root@3981158dd263:/#
```

Then I install vim on this mysql-container

```
root@3981158dd263: /
File Edit View Search Terminal Help
Get:7 http://archive.ubuntu.com/ubuntu focal-backports InRelease [89.2 kB]
Get:8 http://archive.ubuntu.com/ubuntu focal/universe amd64 Packages [11.3 MB]
Get:9 http://archive.ubuntu.com/ubuntu focal/restricted amd64 Packages [33.4 kB]
Get:10 http://archive.ubuntu.com/ubuntu focal/main amd64 Packages [1275 kB]
Get:11 http://archive.ubuntu.com/ubuntu focal/multiverse amd64 Packages [177 kB]
Get:12 http://archive.ubuntu.com/ubuntu focal-updates/restricted amd64 Packages [3190 B]
Get:13 http://archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [14.1 kB]
Get:14 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [42.7 kB]
Fetched 13.5 MB in 1min 5s (207 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
All packages are up to date.
root@3981158dd263:/# apt install vim -y
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  alsa-topology-conf alsa-ucm-conf file libasound2 libasound2-data libcanberra0 libexpat1 libgpm2 libltdl7 libmagic-mgc libmagic1 libmpdec2
  libogg0 libpython3.8 libpython3.8-minimal libpython3.8-stdlib libreadline8 libsqlite3-0 libssl1.1 libtdb1 libvorbis0a libvorbisfile3
  mime-support readline-common sound-theme-freedesktop vim-common vim-runtime xxd xz-utils
Suggested packages:
  libasound2-plugins alsa-utils libcanberra-gtk0 libcanberra-pulse gpm readline-doc ctags vim-doc vim-scripts
The following NEW packages will be installed:
  alsa-topology-conf alsa-ucm-conf file libasound2 libasound2-data libcanberra0 libexpat1 libgpm2 libltdl7 libmagic-mgc libmagic1 libmpdec2
  libogg0 libpython3.8 libpython3.8-minimal libpython3.8-stdlib libreadline8 libsqlite3-0 libssl1.1 libtdb1 libvorbis0a libvorbisfile3
  mime-support readline-common sound-theme-freedesktop vim vim-common vim-runtime xxd xz-utils
0 upgraded, 30 newly installed, 0 to remove and 0 not upgraded.
Need to get 14.9 MB of archives.
After this operation, 70.3 MB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu focal/main amd64 libmagic-mgc amd64 1:5.38-4 [218 kB]
Get:2 http://archive.ubuntu.com/ubuntu focal/main amd64 libmagic1 amd64 1:5.38-4 [75.9 kB]
Get:3 http://archive.ubuntu.com/ubuntu focal/main amd64 file amd64 1:5.38-4 [23.3 kB]
Get:4 http://archive.ubuntu.com/ubuntu focal/main amd64 libexpat1 amd64 2.2.9-1build1 [73.3 kB]
Get:5 http://archive.ubuntu.com/ubuntu focal/main amd64 libmpdec2 amd64 2.4.2-3 [81.1 kB]
Get:6 http://archive.ubuntu.com/ubuntu focal/main amd64 libssl1.1 amd64 1.1.1f-1ubuntu2 [1318 kB]
Get:7 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libpython3.8-minimal amd64 3.8.2-1ubuntu1.1 [705 kB]
Get:8 http://archive.ubuntu.com/ubuntu focal/main amd64 mime-support all 3.0.4ubuntu1 [30.6 kB]
```

Then I see how many containers are running now

```
tashfeen222@hp ~
$ sudo docker ps -a
[sudo] password for tashfeen222:
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS              NAMES
3981158dd263        ubuntu             "/bin/bash"        4 hours ago        Exited (129) 42 seconds ago              mysql-contai
ner
tashfeen222@hp ~
$
```

Then I start mysql service

```
root@3981158dd263:/# service mysql start
* Starting MySQL database server mysqld
su: warning: cannot change directory to /nonexistent: No such file or directory
[ OK ]
root@3981158dd263:/#
```

Then I run mysql

```
root@3981158dd263: /
File Edit View Search Terminal Help
root@3981158dd263:/# service mysql start
* Starting MySQL database server mysqld
su: war
ning: cannot change directory to /nonexistent: No such file or directo
ry
[ OK ]
root@3981158dd263:/# mysql
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 10
Server version: 8.0.19-0ubuntu5 (Ubuntu)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input st
atement.

mysql> █
```

In the Previous Screenshot when I run mysql then its directly open but I don't want this directly. So now i select some password and flush privileges because of safety reason

```
mysql> ALTER USER 'root'@'localhost' IDENTIFIED with
-> mysql_native_password BY 'cadet6035!';
Query OK, 0 rows affected (0.35 sec)

mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.07 sec)

mysql> \q
Bye
```

Now I run `mysql -uroot -p` and then it gave from me password according to run `mysql` and then I provide password

```
mysql> ALTER USER 'root'@'localhost' IDENTIFIED with
-> mysql_native_password BY 'cadet6035!';
Query OK, 0 rows affected (0.35 sec)

mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.07 sec)

mysql> \q
Bye
root@3981158dd263:/# mysql
ERROR 1045 (28000): Access denied for user 'root'@'localhost' (using password: NO)
root@3981158dd263:/# mysql -uroot -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 12
Server version: 8.0.19-0ubuntu5 (Ubuntu)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> █
```

Now I exit from `mysql-container` and now again going to this container

```
tashfeen222@hp ~
$ sudo docker exec -it mysql-container bash
[sudo] password for tashfeen222:
root@3981158dd263:/# mysql -uroot -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 13
Server version: 8.0.19-0ubuntu5 (Ubuntu)

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> \q
Bye
root@3981158dd263:/# exit
```

And then I make another container named by apache-container

```
tashfeen222@hp ~
$ sudo docker run --name apache-container -it ubuntu
root@37e385540a7c:/#
```

```
watch 'sudo docker ps -a'
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
37e385540a7c	ubuntu	"/bin/bash"	About a minute ago	Up About a minute		apache-container
3981158dd263	ubuntu	"/bin/bash"	6 hours ago	Up About an hour		mysql-container

Then I install apache2 on this container

```
root@37e385540a7c: /
```

```
File Edit View Search Terminal Help
root@37e385540a7c:/# apt install apache2
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
apache2-bin apache2-data apache2-utils ca-certificates file krb5-locales libapr1 libaprutil1 libaprutil1-dbd-sqlite3 libaprutil1-ldap
libasn1-8-heimdal libbrotli1 libcurl4 libexpat1 libgdbm-compat4 libgdbm6 libgssapi-krb5-2 libgssapi3-heimdal libhcrypto4-heimdal
libheimbase1-heimdal libheimntlm0-heimdal libhx509-5-heimdal libicu66 libjansson4 libk5crypto3 libkeyutils1 libkrb5-26-heimdal libkrb5-3
libkrb5support0 libldap-2.4-2 libldap-common liblua5.2-0 libmagic-mgc libmagic1 libnghttp2-14 libperl5.30 libpsl5 libroken18-heimdal
librtmp1 libsasnl2-2 libsasnl2-modules libsasnl2-modules-db libsqlite3-0 libssh-4 libssl1.1 libwind0-heimdal libxml2 mime-support netbase
openssl perl perl-modules-5.30 publicsuffix ssl-cert tzdata xz-utils
Suggested packages:
apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser ufw gdbm-l10n krb5-doc krb5-user libsasnl2-modules-gssapi-mit
| libsasnl2-modules-gssapi-heimdal libsasnl2-modules-ldap libsasnl2-modules-otp libsasnl2-modules-sql perl-doc libterm-readline-gnu-perl
| libterm-readline-perl-perl make libb-debug-perl liblocale-codes-perl openssl-blacklist
The following NEW packages will be installed:
apache2 apache2-bin apache2-data apache2-utils ca-certificates file krb5-locales libapr1 libaprutil1 libaprutil1-dbd-sqlite3
libaprutil1-ldap libasn1-8-heimdal libbrotli1 libcurl4 libexpat1 libgdbm-compat4 libgdbm6 libgssapi-krb5-2 libgssapi3-heimdal
libhcrypto4-heimdal libheimbase1-heimdal libheimntlm0-heimdal libhx509-5-heimdal libicu66 libjansson4 libk5crypto3 libkeyutils1
libkrb5-26-heimdal libkrb5-3 libkrb5support0 libldap-2.4-2 libldap-common liblua5.2-0 libmagic-mgc libmagic1 libnghttp2-14 libperl5.30
libpsl5 libroken18-heimdal librtmp1 libsasnl2-2 libsasnl2-modules libsasnl2-modules-db libsqlite3-0 libssh-4 libssl1.1 libwind0-heimdal
libxml2 mime-support netbase openssl perl perl-modules-5.30 publicsuffix ssl-cert tzdata xz-utils
0 upgraded, 57 newly installed, 0 to remove and 0 not upgraded.
Need to get 24.1 MB of archives.
After this operation, 117 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://archive.ubuntu.com/ubuntu focal/main amd64 perl-modules-5.30 all 5.30.0-9build1 [2737 kB]
Get:2 http://archive.ubuntu.com/ubuntu focal/main amd64 libgdbm6 amd64 1.18.1-5 [27.4 kB]
Get:3 http://archive.ubuntu.com/ubuntu focal/main amd64 libgdbm-compat4 amd64 1.18.1-5 [6244 B]
Get:4 http://archive.ubuntu.com/ubuntu focal/main amd64 libperl5.30 amd64 5.30.0-9build1 [3943 kB]
Get:5 http://archive.ubuntu.com/ubuntu focal/main amd64 perl amd64 5.30.0-9build1 [224 kB]
Get:6 http://archive.ubuntu.com/ubuntu focal/main amd64 libapr1 amd64 1.6.5-1ubuntu1 [91.4 kB]
Get:7 http://archive.ubuntu.com/ubuntu focal/main amd64 libexpat1 amd64 2.2.9-1build1 [73.3 kB]
Get:8 http://archive.ubuntu.com/ubuntu focal/main amd64 libssl1.1 amd64 1.1.1f-1ubuntu2 [1318 kB]
Get:9 http://archive.ubuntu.com/ubuntu focal/main amd64 libaprutil1 amd64 1.6.1-4ubuntu2 [84.7 kB]
Get:10 http://archive.ubuntu.com/ubuntu focal/main amd64 libaprutil1 amd64 1.6.1-4ubuntu2 [84.7 kB]
Get:11 http://archive.ubuntu.com/ubuntu focal/main amd64 libsqlite3-0 amd64 3.31.1-4 [548 kB]
```

Now I start the service of apache2

```
root@37e385540a7c: /
File Edit View Search Terminal Help
Enabling module negotiation.
Enabling module setenvif.
Enabling module filter.
Enabling module deflate.
Enabling module status.
Enabling module reqtimeout.
Enabling conf charset.
Enabling conf localized-error-pages.
Enabling conf other-vhosts-access-log.
Enabling conf security.
Enabling conf serve-cgi-bin.
Enabling site 000-default.
invoke-rc.d: could not determine current runlevel
invoke-rc.d: policy-rc.d denied execution of start.
Processing triggers for libc-bin (2.31-0ubuntu9) ...
Processing triggers for ca-certificates (20190110ubuntu1) ...
Updating certificates in /etc/ssl/certs...
0 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d...
done.
root@37e385540a7c: /# 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@37e385540a7c: /# clear
```

Then I Install vim on this apache container

```
root@37e385540a7c: /
File Edit View Search Terminal Help
root@37e385540a7c: /# apt install vim
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  alsa-topology-conf alsa-ucm-conf libasound2 libasound2-data libcanberra0 libgpm2 libltdl7 libmpdec2 libogg0 libpython3.8
  libpython3.8-minimal libpython3.8-stdlib libreadline8 libtbb1 libvorbis0a libvorbisfile3 readline-common sound-theme-freedesktop
  vim-common vim-runtime xxd
Suggested packages:
  libasound2-plugins alsa-utils libcanberra-gtk0 libcanberra-pulse gpm readline-doc ctags vim-doc vim-scripts
The following NEW packages will be installed:
  alsa-topology-conf alsa-ucm-conf libasound2 libasound2-data libcanberra0 libgpm2 libltdl7 libmpdec2 libogg0 libpython3.8
  libpython3.8-minimal libpython3.8-stdlib libreadline8 libtbb1 libvorbis0a libvorbisfile3 readline-common sound-theme-freedesktop
  vim vim-common vim-runtime xxd
0 upgraded, 22 newly installed, 0 to remove and 0 not upgraded.
Need to get 12.5 MB of archives.
After this operation, 57.8 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://archive.ubuntu.com/ubuntu focal/main amd64 libmpdec2 amd64 2.4.2-3 [81.1 kB]
Get:2 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libpython3.8-minimal amd64 3.8.2-1ubuntu1.1 [705 kB]
Get:3 http://archive.ubuntu.com/ubuntu focal/main amd64 readline-common all 8.0-4 [53.5 kB]
Get:4 http://archive.ubuntu.com/ubuntu focal/main amd64 libreadline8 amd64 8.0-4 [131 kB]
Get:5 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 libpython3.8-stdlib amd64 3.8.2-1ubuntu1.1 [1666 kB]
16% [5 libpython3.8-stdlib 942 kB/1666 kB 57%] 173 kB/s 1min 1s
```

Then I install php and some libraries because we need it in future

```
root@37e385540a7c: /
File Edit View Search Terminal Help
root@37e385540a7c: /# apt install php libapache2-mod-php php-cli php-mysql -y
Reading package lists... Done
Building dependency tree
Reading state information... Done
libapache2-mod-php is already the newest version (2:7.4+75).
php is already the newest version (2:7.4+75).
php-cli is already the newest version (2:7.4+75).
php-mysql is already the newest version (2:7.4+75).
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@37e385540a7c: /#
```

Now using ifconfig I found address but this command doesn't work. So for this I need to install two tools

```
root@37e385540a7c: /
File Edit View Search Terminal Help
root@37e385540a7c:/# ifconfig
bash: ifconfig: command not found
root@37e385540a7c:/# apt install inetutils-ping net-tools -y
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libidn11
The following NEW packages will be installed:
  inetutils-ping libidn11 net-tools
Progress: [ 52%] [#####]
Need to get 303 kB of archives.
After this operation, 1478 kB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu focal/main amd64 libidn11 amd64 1.33-2.2ubuntu2 [46.2 kB]
Get:2 http://archive.ubuntu.com/ubuntu focal/universe amd64 inetutils-ping amd64 2:1.9.4-11 [60.8 kB]
Get:3 http://archive.ubuntu.com/ubuntu focal/main amd64 net-tools amd64 1.60+git20180626.aebd88e-1ubuntu1 [196 kB]
Fetched 303 kB in 3s (115 kB/s)
debconf: delaying package configuration, since apt-utils is not installed
Selecting previously unselected package libidn11:amd64.
(Reading database ... 12534 files and directories currently installed.)
Preparing to unpack .../libidn11_1.33-2.2ubuntu2_amd64.deb ...
Unpacking libidn11:amd64 (1.33-2.2ubuntu2) ...
Selecting previously unselected package inetutils-ping.
Preparing to unpack .../inetutils-ping_2%3a1.9.4-11_amd64.deb ...
Unpacking inetutils-ping (2:1.9.4-11) ...
Selecting previously unselected package net-tools.
Preparing to unpack .../net-tools_1.60+git20180626.aebd88e-1ubuntu1_amd64.deb ...
Unpacking net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Setting up net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Setting up libidn11:amd64 (1.33-2.2ubuntu2) ...
Setting up inetutils-ping (2:1.9.4-11) ...
Processing triggers for libc-bin (2.31-0ubuntu9) ...
root@37e385540a7c:/#
```

Then again I use ifconfig command and there are two interfaces show

```
root@37e385540a7c: /
File Edit View Search Terminal Help
root@37e385540a7c:/# ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 172.17.0.3 netmask 255.255.0.0 broadcast 172.17.255.255
    ether 02:42:ac:11:00:03 txqueuelen 0 (Ethernet)
    RX packets 37257 bytes 57333487 (57.3 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 31488 bytes 2709145 (2.7 MB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    loop txqueuelen 1000 (Local Loopback)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

root@37e385540a7c:/#
```



Then I see processes

```
root@37e385540a7c:/# ps aux
USER      PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
root         1  0.0  0.0   4112  3396 pts/0    Ss+  04:36   0:00 /bin/bash
root         9  0.0  0.0   4240  3600 pts/1    Ss   04:38   0:00  bash
root      3344  0.0  0.1   6524  4336 ?        Ss   04:47   0:00 /usr/sbin/apache2 -k start
www-data  3347  0.0  0.0 1997604 3848 ?        Sl   04:47   0:00 /usr/sbin/apache2 -k start
www-data  3348  0.0  0.0 1997604 3848 ?        Sl   04:47   0:00 /usr/sbin/apache2 -k start
root     11224  0.0  0.0   5884  2872 pts/1    R+   05:04   0:00 ps aux
root@37e385540a7c:/#
```

Now using netstat I see network statistics and then see how many connect and this is for all that have port 80

```
root@37e385540a7c:/# ps aux
USER      PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
root         1  0.0  0.0   4112  3396 pts/0    Ss+  04:36   0:00 /bin/bash
root         9  0.0  0.0   4240  3600 pts/1    Ss   04:38   0:00  bash
root      3344  0.0  0.1   6524  4336 ?        Ss   04:47   0:00 /usr/sbin/apache2 -k start
www-data  3347  0.0  0.0 1997604 3848 ?        Sl   04:47   0:00 /usr/sbin/apache2 -k start
www-data  3348  0.0  0.0 1997604 3848 ?        Sl   04:47   0:00 /usr/sbin/apache2 -k start
root     11224  0.0  0.0   5884  2872 pts/1    R+   05:04   0:00 ps aux
root@37e385540a7c:/# netstat -ntulp
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State       PID/Program name
tcp        0      0 0.0.0.0:80              0.0.0.0:*               LISTEN      3344/apache2
root@37e385540a7c:/#
```

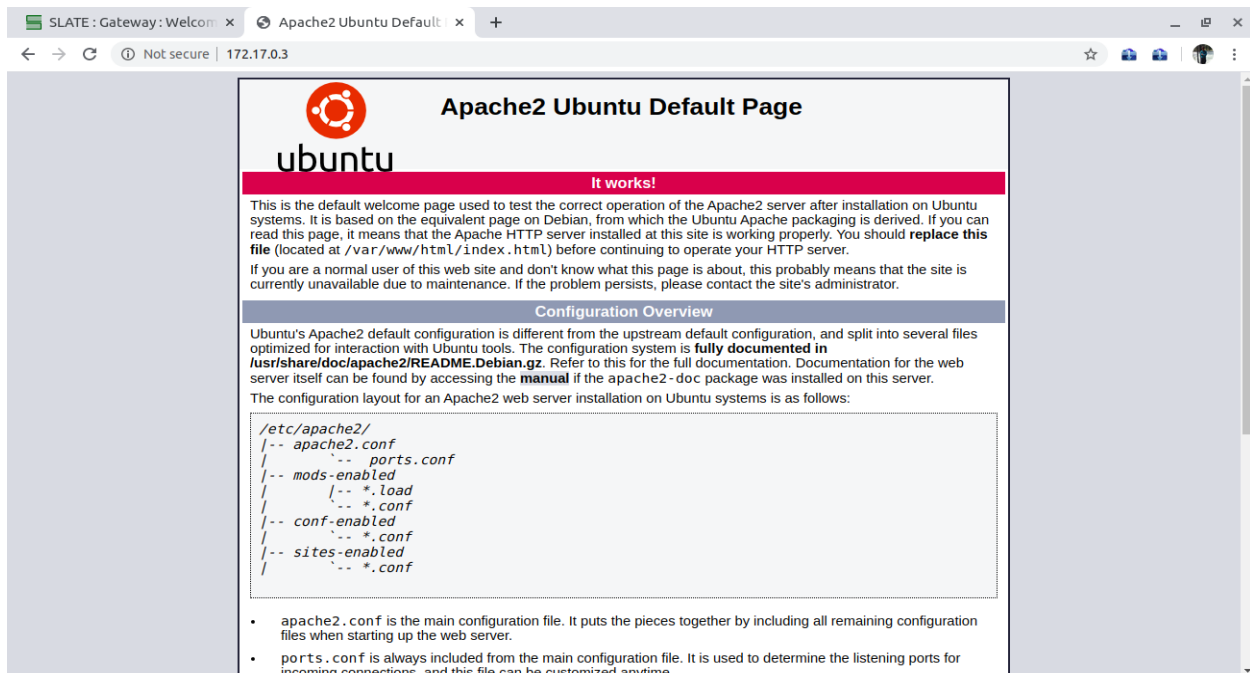
Then I see the process again

```
root@37e385540a7c: /
File Edit View Search Terminal Help
root@37e385540a7c:/# ps aux
USER      PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
root         1  0.0  0.0   4112  3396 pts/0    Ss+  04:36   0:00 /bin/bash
root         9  0.0  0.0   4240  3600 pts/1    Ss   04:38   0:00  bash
root      3344  0.0  0.1   6524  4336 ?        Ss   04:47   0:00 /usr/sbin/apache2 -k start
www-data  3347  0.0  0.0 1997604 3848 ?        Sl   04:47   0:00 /usr/sbin/apache2 -k start
www-data  3348  0.0  0.0 1997604 3848 ?        Sl   04:47   0:00 /usr/sbin/apache2 -k start
root     11224  0.0  0.0   5884  2872 pts/1    R+   05:04   0:00 ps aux
root@37e385540a7c:/# netstat -ntulp
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address           Foreign Address         State       PID/Program name
tcp        0      0 0.0.0.0:80              0.0.0.0:*               LISTEN      3344/apache2
root@37e385540a7c:/# ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
    inet 172.17.0.3  netmask 255.255.0.0  broadcast 172.17.255.255
    ether 02:42:ac:11:00:03  txqueuelen 0  (Ethernet)
    RX packets 37271  bytes 57336328 (57.3 MB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 31488  bytes 2709145 (2.7 MB)
    TX errors 0  dropped 0  overruns 0  carrier 0  collisions 0

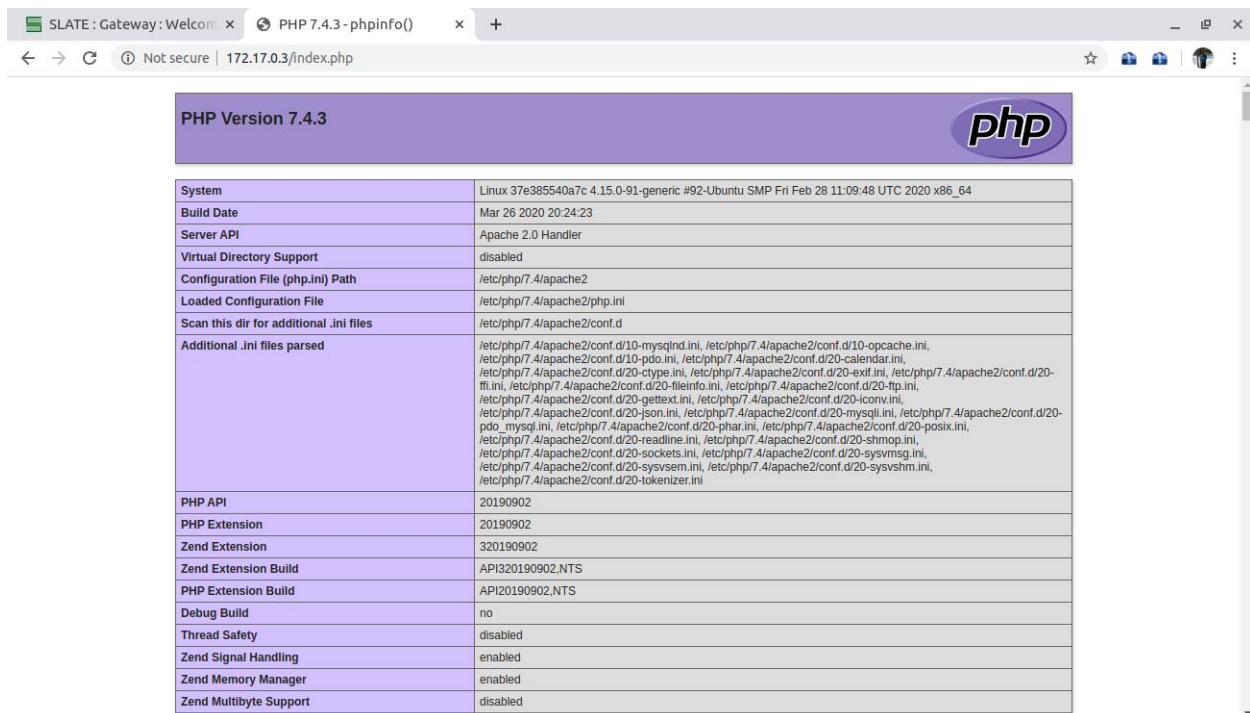
lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
    inet 127.0.0.1  netmask 255.0.0.0
    loop  txqueuelen 1000  (Local Loopback)
    RX packets 0  bytes 0 (0.0 B)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 0  bytes 0 (0.0 B)
    TX errors 0  dropped 0  overruns 0  carrier 0  collisions 0
root@37e385540a7c:/#
```



Then I use this address to see in my host machine



Then I make one index.php file and then see the result in host browser. Its means my containers work good and effectively



←-----THE END-----→