

Faculdade de Tecnologia da Zona Leste – Fatec ZL

Sistemas Operacionais I

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Exercício 1:

Command prompt on Play with Docker:

```
#####  
#                WARNING!!!!                #  
# This is a sandbox environment. Using personal credentials      #  
# is HIGHLY! discouraged. Any consequences of doing so are      #  
# completely the user's responsibilites.                        #  
#                                                                #  
# The PWD team.                                                  #  
#####  
[node1] (local) root@192.168.0.18 ~  
$ mkdir -p ./var/www  
[node1] (local) root@192.168.0.18 ~  
$ touch ./var/www/index.html  
[node1] (local) root@192.168.0.18 ~  
$ vim ./var/www/index.html  
[node1] (local) root@192.168.0.18 ~  
$ docker run -dit --name Apache2 -p 8080:80 -v ~/var/www:/usr/local/apache2/htdocs/ --restart always  
httpd:2.4  
Unable to find image 'httpd:2.4' locally  
2.4: Pulling from library/httpd  
578acb154839: Pull complete  
c1a8c8567b78: Pull complete  
10b9ab03bf45: Pull complete  
74dbedf7ddc0: Pull complete  
6a3b76b70f73: Pull complete  
Digest: sha256:4e24356b4b0aa7a961e7dfb9e1e5025ca3874c532fa5d999f13f8fc33c09d1b7  
Status: Downloaded newer image for httpd:2.4  
6637e13bea3b9c3528fc0072fe49b7ae76d2973a39ecd3349538dc6130f93a5c  
[node1] (local) root@192.168.0.18 ~  
$ docker images  
REPOSITORY TAG IMAGE ID CREATED SIZE  
httpd 2.4 7f6a969e81a5 2 days ago 168MB  
[node1] (local) root@192.168.0.18 ~  
$ docker ps  
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS  
NAMES  
6637e13bea3b httpd:2.4 "httpd-foreground" 12 seconds ago Up 11 seconds 0.0.0.0:8080->80/tcp  
Apache2
```

cl2ojkef_cl2p1nmfml8g00fg2ps0

IP

192.168.0.18

OPEN PORT

8080

Memory

6.63% (265.1MiB / 3.906GiB)

CPU

0.43%

SSH

ssh ip172-18-0-13-cl2ojkefml8g00fg2pgj@direct.labs.play-with-docker.com

DELETE

EDITOR

```
#####
#                               #
#   WARNING!!!!                 #
# This is a sandbox environment. Using personal credentials           #
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# completely the user's responsibilites.                               #
#                               #
#   The PWD team.                                                       #
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[node1] (local) root@192.168.0.18 ~
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[node1] (local) root@192.168.0.18 ~
$ touch ./var/www/index.html
[node1] (local) root@192.168.0.18 ~
$ vim ./var/www/index.html
[node1] (local) root@192.168.0.18 ~
$ docker run -dit --name Apache2 -p 8080:80 -v ~/var/www:/usr/local/apache2/htdocs/ --restart always httpd:2.4
Unable to find image 'httpd:2.4' locally
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74dbedf7ddc0: Pull complete
6a3b76b70f73: Pull complete
Digest: sha256:4e24356b4b0aa7a961e7dfb9e1e5025ca3874c532fa5d999f13f8fc33c09d1b7
Status: Downloaded newer image for httpd:2.4
6637e13bea3b9c3528fc0072fe49b7ae76d2973a39ecd3349538dc6130f93a5c
[node1] (local) root@192.168.0.18 ~
$ docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
httpd         2.4       7f6a969e81a5   2 days ago    168MB
[node1] (local) root@192.168.0.18 ~
$ docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                    NAMES
6637e13bea3b   httpd:2.4 "httpd-foreground"       12 seconds ago Up 11 seconds    0.0.0.0:8080->80/tcp    Apache2
[node1] (local) root@192.168.0.18 ~
$
```

Output:

<http://ip172-18-0-13-cl2ojkefml8g00fg2pgj-8080.direct.labs.play-with-docker.com/>

Docker Playground

Apache2 on Docker

← → ↻

ip172-18-0-13-cl2ojkefml8g00fg2pgj-8080.direct.labs.play-with-docker.com

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Apache2 running on Docker