

Prova Final
Sistemas Operacionais de Rede-Tecnólogo em Telemática
Haisten Farias de Brito

- 1) Criar uma imagem nginx usando o docker pull ou usando o Dockerfile.
- 2) Mostrar a imagem instalada

```
Atividades Terminal 23 de dez 22:59
haisten@haisten-VirtualBox: ~
Setting up libtiff5:amd64 (4.1.0+git191117-2ubuntu0.20.04.2) ...
Setting up libfontconfig1:amd64 (2.13.1-2ubuntu3) ...
Setting up libxml2:amd64 (2.9.10+dfsg-5ubuntu0.20.04.1) ...
Setting up libxpm4:amd64 (1:3.5.12-1) ...
Setting up libgd3:amd64 (2.2.5-5.2ubuntu2.1) ...
Setting up libxslt1.1:amd64 (1.1.34-4) ...
Setting up libnginx-mod-http-image-filter (1.18.0-0ubuntu1.2) ...
Setting up libnginx-mod-http-xslt-filter (1.18.0-0ubuntu1.2) ...
Setting up nginx-core (1.18.0-0ubuntu1.2) ...
invoke-rc.d: could not determine current runlevel
invoke-rc.d: policy-rc.d denied execution of start.
Setting up nginx (1.18.0-0ubuntu1.2) ...
Processing triggers for libc-bin (2.31-0ubuntu9.2) ...
root@713ad5e3accd:/# exit
exit
haisten@haisten-VirtualBox:~$
haisten@haisten-VirtualBox:~$ docker container stop containerPF
containerPF
haisten@haisten-VirtualBox:~$ docker container commit containerPF meuubuntu:ngi
nx
sha256:74009fd39d3817de02c8956c5be77894125bfa2f1824ad52c48ec8280e4c090d
haisten@haisten-VirtualBox:~$
haisten@haisten-VirtualBox:~$ docker image list
REPOSITORY TAG IMAGE ID CREATED SIZE
meuubuntu nginx 74009fd39d38 15 seconds ago 164MB
ubuntu 20.04 ba6accedd29 2 months ago 72.8MB
hello-world latest feb5d9fea6a5 3 months ago 13.3kB
haisten@haisten-VirtualBox:~$
```

- 3) Criar um container com os seguintes requisitos:
 - a) nome = nginx-server
 - b) tipo de execução do container = daemon
 - c) mapeamento de portas= 80 no host onde o docker executa e 80 no container nginx-server

```
Atividades Terminal 24 de dez 00:25
root@26475b58e3be: /
See 'docker --help'
haisten@haisten-VirtualBox:~$ docker container commit nginx-server meuubuntu:ngi
nx
Error response from daemon: No such container: nginx-server
haisten@haisten-VirtualBox:~$ sudo docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
haisten@haisten-VirtualBox:~$ nginx -y
nginx: invalid option: "y"
haisten@haisten-VirtualBox:~$ docker container run -it --name nginx-server ubun
tu:20.04 bash
root@284dcc228d71:/# exit
exit
haisten@haisten-VirtualBox:~$ sudo docker commit 284dcc228d71 nginx-server
sha256:5552d61bb857512db89e4108729313e9dd5d094fdf1706179932524beab346e7
haisten@haisten-VirtualBox:~$ sudo docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
nginx-server latest 5552d61bb857 13 seconds ago 72.8MB
meuubuntu nginx 9644a0b40b93 23 minutes ago 164MB
ubuntu 20.04 ba6accedd29 2 months ago 72.8MB
hello-world latest feb5d9fea6a5 3 months ago 13.3kB
haisten@haisten-VirtualBox:~$ sudo docker run -it -rm -p 8080:80 nginx-server
unknown shorthand flag: 'r' in -rm
See 'docker run --help'.
haisten@haisten-VirtualBox:~$ sudo docker run -it --rm -p 8080:80 nginx-server
root@ea5c467d5d0e:/# service nginx start
nginx: unrecognized service
root@ea5c467d5d0e:/# wget -O init-deb.sh https://www.linode.com/docs/assets/660
-init-deb.sh
bash: wget: command not found
```

4) Chamar pelo browser onde o Linux host está rodando o servidor nginx rodando no nginx-server.

