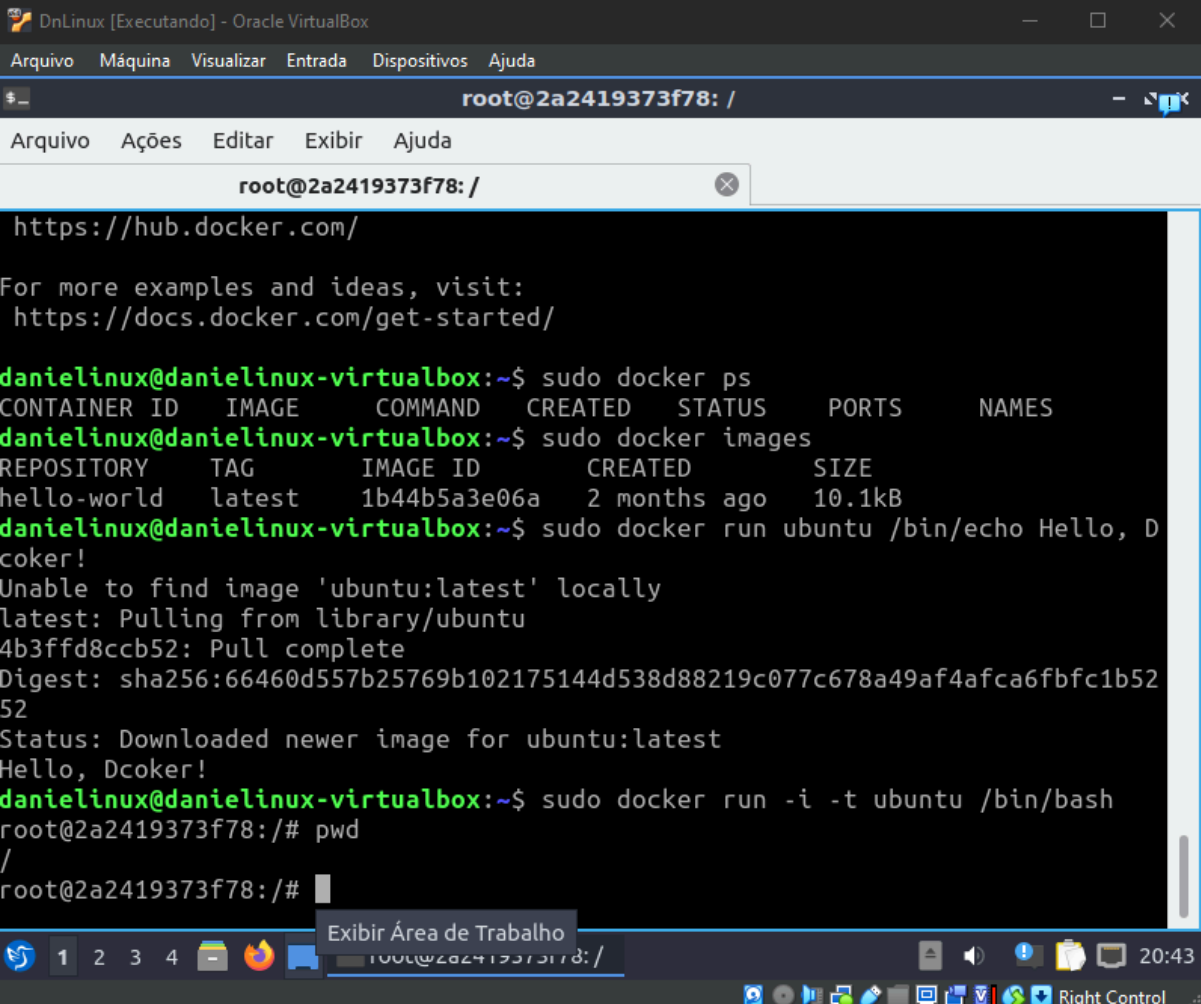


Atividade 04 - Administração de Serviços de Rede

- 1) Pull de uma imagem Ubuntu.
- 2) Container criado a partir de imagem Ubuntu e acessado com a opção -it.



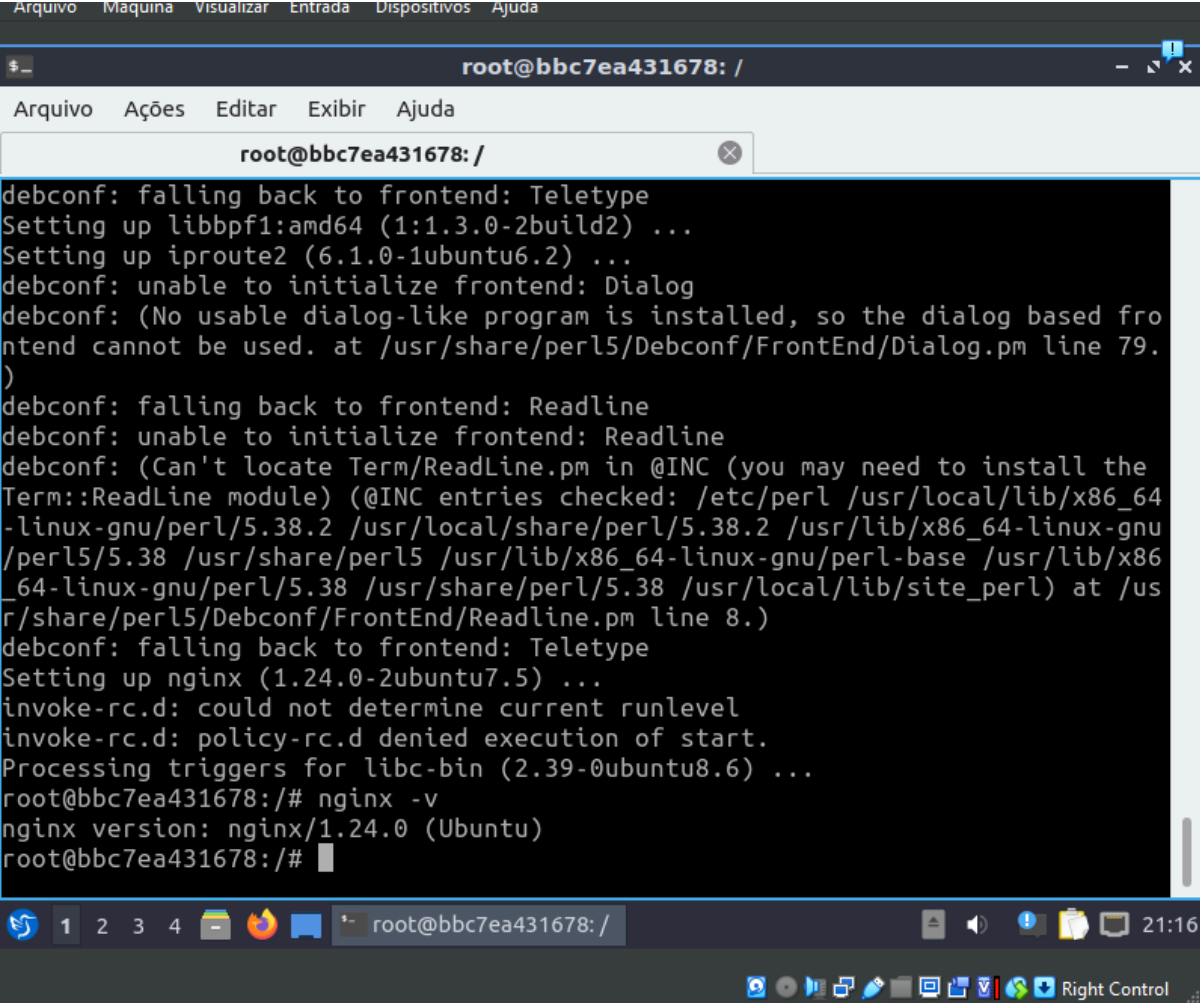
The screenshot shows a terminal window titled "DnLinux [Executando] - Oracle VirtualBox". The terminal prompt is "root@2a2419373f78: /". The user enters the URL "https://hub.docker.com/" and is redirected to "https://docs.docker.com/get-started/". The user then runs the command "sudo docker ps", which shows no containers. Next, the user runs "sudo docker images", which shows a table of images:

| REPOSITORY | TAG | IMAGE ID | CREATED | SIZE |
|-------------|--------|--------------|--------------|--------|
| hello-world | latest | 1b44b5a3e06a | 2 months ago | 10.1kB |

The user then runs "sudo docker run ubuntu /bin/echo Hello, Docker!". The output is "Hello, Docker!". The user then runs "sudo docker run -i -t ubuntu /bin/bash". The prompt changes to "root@2a2419373f78: /#". The user enters "pwd" and the output is "/". The user then enters "root@2a2419373f78: /#".

```
root@2a2419373f78: /
https://hub.docker.com/
For more examples and ideas, visit:
https://docs.docker.com/get-started/
danielinux@danielinux-virtualbox:~$ sudo docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS   NAMES
danielinux@danielinux-virtualbox:~$ sudo docker images
REPOSITORY    TAG       IMAGE ID   CREATED   SIZE
hello-world   latest   1b44b5a3e06a   2 months ago   10.1kB
danielinux@danielinux-virtualbox:~$ sudo docker run ubuntu /bin/echo Hello, Docker!
Hello, Docker!
danielinux@danielinux-virtualbox:~$ sudo docker run -i -t ubuntu /bin/bash
root@2a2419373f78: /# pwd
/
root@2a2419373f78: /#
```

4) Instalando o nginx no container.

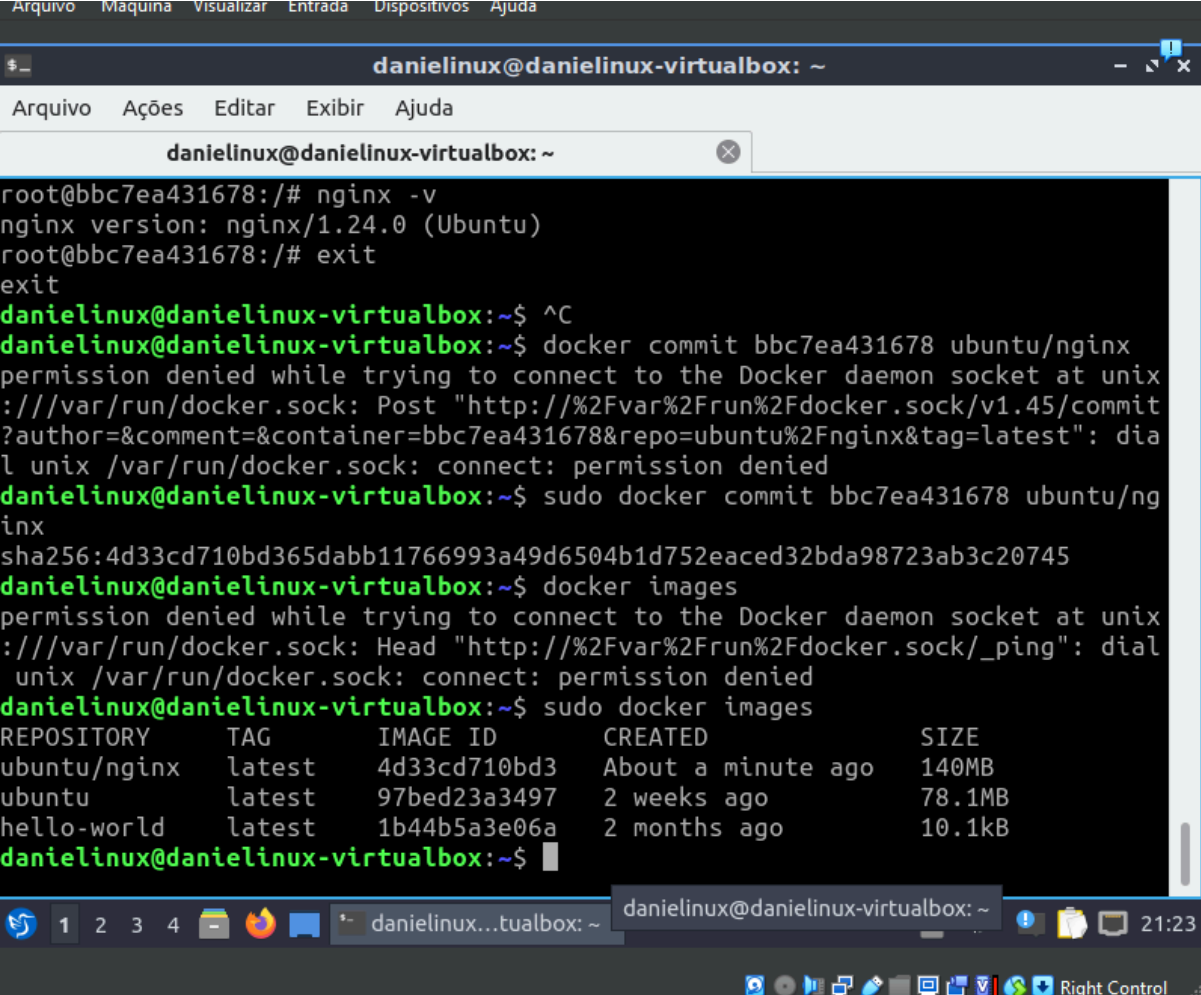


The screenshot shows a terminal window titled 'root@bbc7ea431678: /'. The terminal output shows the following sequence of events:

```
debconf: falling back to frontend: Teletype
Setting up libbpf1:amd64 (1:1.3.0-2build2) ...
Setting up iproute2 (6.1.0-1ubuntu6.2) ...
debconf: unable to initialize frontend: Dialog
debconf: (No usable dialog-like program is installed, so the dialog based frontend cannot be used. at /usr/share/perl5/Debconf/FrontEnd/Dialog.pm line 79.)
debconf: falling back to frontend: Readline
debconf: unable to initialize frontend: Readline
debconf: (Can't locate Term/ReadLine.pm in @INC (you may need to install the Term::ReadLine module) (@INC entries checked: /etc/perl /usr/local/lib/x86_64-linux-gnu/perl/5.38.2 /usr/local/share/perl/5.38.2 /usr/lib/x86_64-linux-gnu/perl5/5.38 /usr/share/perl5 /usr/lib/x86_64-linux-gnu/perl-base /usr/lib/x86_64-linux-gnu/perl/5.38 /usr/share/perl/5.38 /usr/local/lib/site_perl) at /usr/share/perl5/Debconf/FrontEnd/Readline.pm line 8.)
debconf: falling back to frontend: Teletype
Setting up nginx (1.24.0-2ubuntu7.5) ...
invoke-rc.d: could not determine current runlevel
invoke-rc.d: policy-rc.d denied execution of start.
Processing triggers for libc-bin (2.39-0ubuntu8.6) ...
root@bbc7ea431678:/# nginx -v
nginx version: nginx/1.24.0 (Ubuntu)
root@bbc7ea431678:/#
```

The terminal window has a menu bar with 'Arquivo', 'Ações', 'Editar', 'Exibir', and 'Ajuda'. The bottom status bar shows the time as 21:16 and the text 'Right Control'.

5) commit do container de forma a criar uma versão alterada da imagem ubuntu acrescida com o nginx.



The screenshot shows a terminal window titled "danielinux@danielinux-virtualbox: ~". The user is running a series of commands to commit a Docker container and list images. The terminal output shows the nginx version, the commit command being run with sudo, the resulting image ID, and the output of the docker images command.

```
root@bbc7ea431678:/# nginx -v
nginx version: nginx/1.24.0 (Ubuntu)
root@bbc7ea431678:/# exit
exit
danielinux@danielinux-virtualbox:~$ ^C
danielinux@danielinux-virtualbox:~$ docker commit bbc7ea431678 ubuntu/nginx
permission denied while trying to connect to the Docker daemon socket at unix
:///var/run/docker.sock: Post "http://%2Fvar%2Frun%2Fdocker.sock/v1.45/commit
?author=&comment=&container=bbc7ea431678&repo=ubuntu%2Fnginx&tag=latest": dial
l unix /var/run/docker.sock: connect: permission denied
danielinux@danielinux-virtualbox:~$ sudo docker commit bbc7ea431678 ubuntu/ng
inx
sha256:4d33cd710bd365dabb11766993a49d6504b1d752eaced32bda98723ab3c20745
danielinux@danielinux-virtualbox:~$ docker images
permission denied while trying to connect to the Docker daemon socket at unix
:///var/run/docker.sock: Head "http://%2Fvar%2Frun%2Fdocker.sock/_ping": dial
unix /var/run/docker.sock: connect: permission denied
danielinux@danielinux-virtualbox:~$ sudo docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
ubuntu/nginx        latest             4d33cd710bd3        About a minute ago  140MB
ubuntu              latest             97bed23a3497        2 weeks ago        78.1MB
hello-world         latest             1b44b5a3e06a        2 months ago       10.1kB
danielinux@danielinux-virtualbox:~$
```

6) Push da imagem para a conta do Dockerhub.



```
danielinux@danielinux-virtualbox: ~
Arquivo  Ações  Editar  Exibir  Ajuda



danielinux@danielinux-virtualbox: ~
The push refers to repository [docker.io/carlosdanielbr/ubuntu/nginx]
d8b8254d1eb9: Preparing
073ec47a8c22: Preparing
denied: requested access to the resource is denied
danielinux@danielinux-virtualbox:~$ sudo docker tag ubuntu/nginx carlosdanielbr/asl-telem:latest
danielinux@danielinux-virtualbox:~$ sudo docker images
REPOSITORY              TAG          IMAGE ID      CREATED        SIZE
carlosdanielbr/myfiglet  1.0          4d33cd710bd3  7 days ago    140MB
carlosdanielbr/ubuntu/nginx  latest       4d33cd710bd3  7 days ago    140MB
ubuntu/nginx            latest       4d33cd710bd3  7 days ago    140MB
ubuntu/nginx            v1           4d33cd710bd3  7 days ago    140MB
carlosdanielbr/asl-telem  latest       4d33cd710bd3  7 days ago    140MB
ubuntu                  latest       97bed23a3497  3 weeks ago   78.1MB
hello-world             latest       1b44b5a3e06a  2 months ago  10.1kB
danielinux@danielinux-virtualbox:~$ sudo docker push carlosdanielbr/asl-telem:latest
The push refers to repository [docker.io/carlosdanielbr/asl-telem]
d8b8254d1eb9: Pushed
073ec47a8c22: Pushed
latest: digest: sha256:bf84522f9a79361c493d3701cbae584154d46e810cc3f06e90f6a34f6659f51e size: 741
danielinux@danielinux-virtualbox:~$
```

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carlosdanielbr/asl-telem


Last pushed 1 minute ago · Repository size: 68.3 MB

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Tags

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This repository contains 1 tag(s).

| Tag | OS | Type | Pulled | Pushed |
|--|---|-------|-----------------|----------|
|  latest |  | Image | less than 1 day | 1 minute |

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