

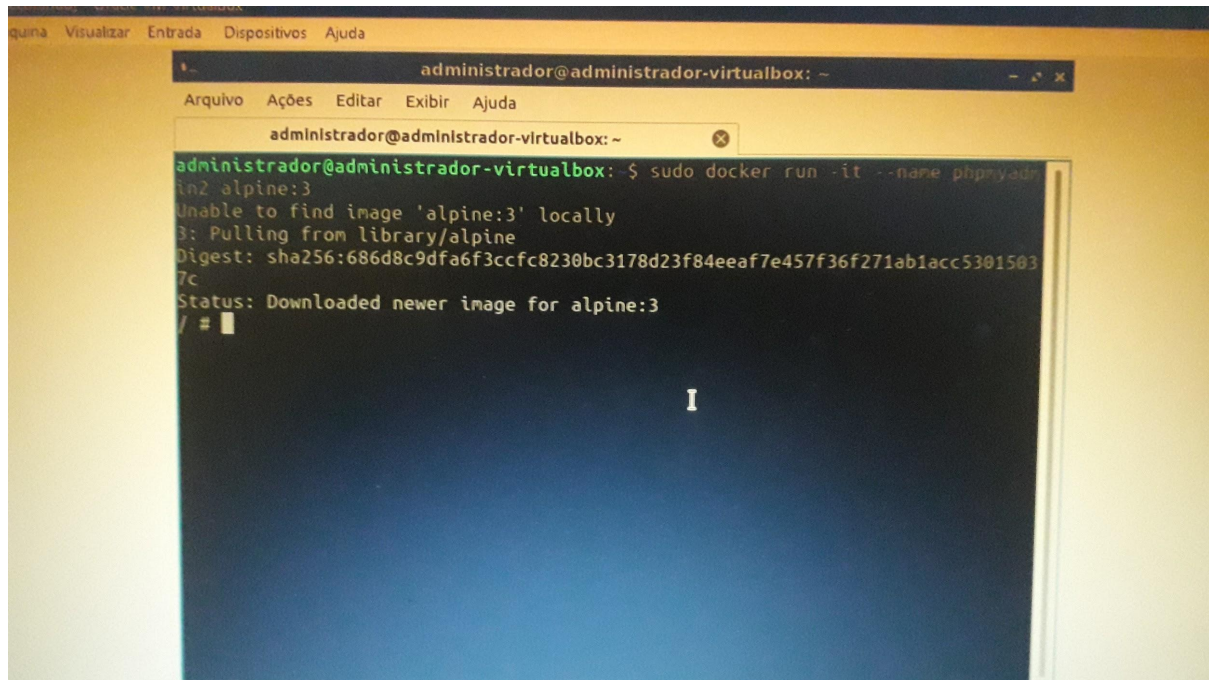
Sistemas Operacionais de Rede 2 - Avaliação 6

P8 - Informática

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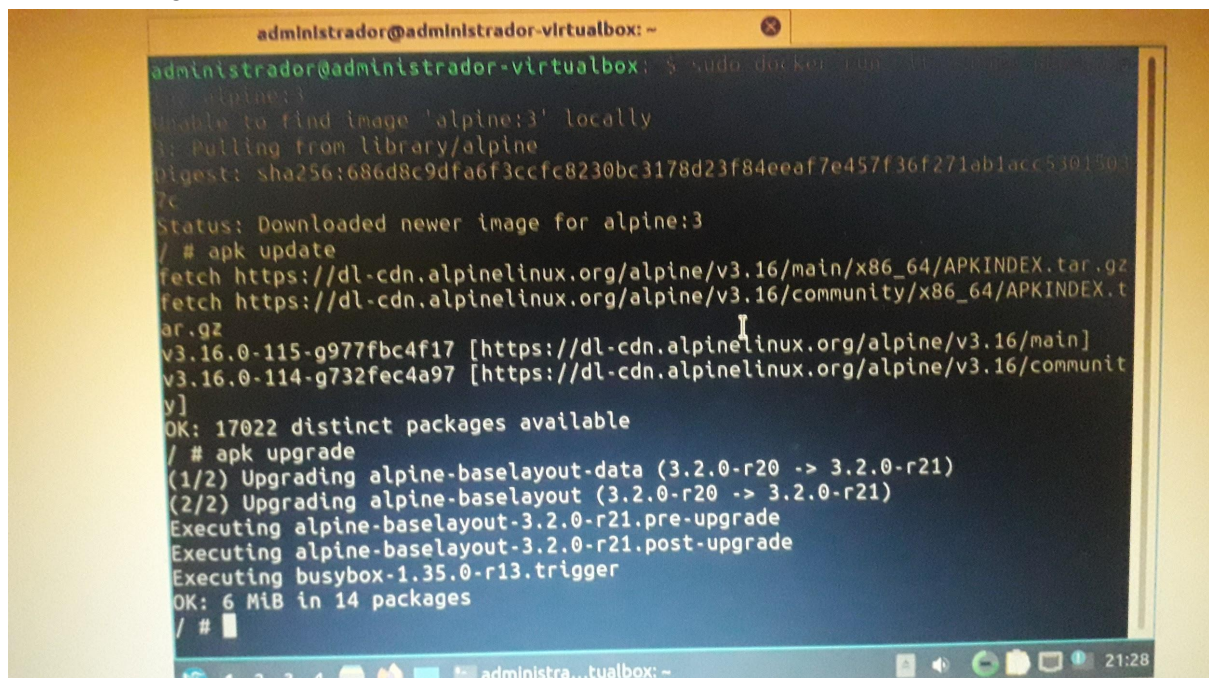
Data: 10/06/2022

Criação container



```
administrador@administrador-virtualbox: ~  
$ sudo docker run -it --name phpmyadmin alpine:3  
Unable to find image 'alpine:3' locally  
3: Pulling from library/alpine  
Digest: sha256:686d8c9dfa6f3ccfc8230bc3178d23f84eeaf7e457f36f271ab1acc53015037c  
Status: Downloaded newer image for alpine:3  
/ #
```

Update e Upgrade



```
administrador@administrador-virtualbox: ~  
$ sudo docker run -it --name phpmyadmin alpine:3  
Unable to find image 'alpine:3' locally  
3: Pulling from library/alpine  
Digest: sha256:686d8c9dfa6f3ccfc8230bc3178d23f84eeaf7e457f36f271ab1acc53015037c  
Status: Downloaded newer image for alpine:3  
/ # apk update  
fetch https://dl-cdn.alpinelinux.org/alpine/v3.16/main/x86_64/APKINDEX.tar.gz  
fetch https://dl-cdn.alpinelinux.org/alpine/v3.16/community/x86_64/APKINDEX.tar.gz  
v3.16.0-115-g977fbc4f17 [https://dl-cdn.alpinelinux.org/alpine/v3.16/main]  
v3.16.0-114-g732fec4a97 [https://dl-cdn.alpinelinux.org/alpine/v3.16/community]  
OK: 17022 distinct packages available  
/ # apk upgrade  
(1/2) Upgrading alpine-baselayout-data (3.2.0-r20 -> 3.2.0-r21)  
(2/2) Upgrading alpine-baselayout (3.2.0-r20 -> 3.2.0-r21)  
Executing alpine-baselayout-3.2.0-r21.pre-upgrade  
Executing alpine-baselayout-3.2.0-r21.post-upgrade  
Executing busybox-1.35.0-r13.trigger  
OK: 6 MiB in 14 packages  
/ #
```

Instalação pacotes


```

administrador@administrador-virtualbox: ~
php8-openssl-8.0.19-r1 - PHP8 extension: OpenSSL
php8-pdo-8.0.19-r1 - PHP8 extension: PHP Data Objects
php81-pecl-psr-1.2.0-r0 - PHP 8.1 extension provides the accepted PSR interfaces, so they can be used in an extension - PECL
php8-pecl-swoole-dev-4.8.9-r0 - Event-driven asynchronous and concurrent networking engine with high performance for PHP 8.0 - PECL (development files)
php81-pecl-maxminddb-1.11.0-r0 - PHP 8.1 MaxMind DB Reader extension - PECL
php8-pecl-ssh2-1.3.1-r0 - PHP 8 extension provide bindings for the libssh2 library - PECL
php8-sodium-8.0.19-r1 - PHP8 extension: Sodium
php8-pdo_dblib-8.0.19-r1 - PHP8 extension: DB-LIB (MS SQL, Sybase)
php8-pecl-amqp-1.11.0-r0 - PHP 8.0 extension to communicate with any AMQP spec 0-9-1 compatible server - PECL
php8-pecl-maxminddb-1.11.0-r0 - PHP 8.0 MaxMind DB Reader extension - PECL
php81-phar-8.1.6-r1 - PHP81 extension: PHP Archive
php8-mbstring-8.0.19-r1 - PHP8 extension: Multibyte String Functions
icinga-php-thirdparty-0.10.0-r0 - Bundle for all 3rd party PHP libraries used by Icinga Web products
php8-pecl-uploadprogress-2.0.2-r0 - PHP 8.0 extension to track progress of a file upload - PECL
php81-ftp-8.1.6-r1 - PHP81 extension: FTP
/ #

```

```

mysql-8.0.28-r0 - MySQL extension: mysql
mysql-8.0.28-r0 - Neko Virtual Machine - MySQL database support
mysql-dev-8.0.28-r0 - A fast SQL database server (development files)
postgresql-mysql_fdw-2.8.0-r0 - PostgreSQL foreign data wrapper for MySQL/MariaDB
icinga2-2.13.3-r1 - An open source host, service and network monitoring program
rsyslog-mysql-8.2204.1-r0 - mysql support for rsyslog
nextcloud23-mysql-23.0.4-r0 - Nextcloud MySQL support
pdns-backend-mysql-4.6.2-r1 - gmysql backend module for PowerDNS
mysql-client-10.6.8-r0 - Dummy package for mysql-client migration
kea-hook-mysql-cb-2.0.2-r1 - Kea MySQL Configuration Backend hooks library
php8-mysqldb-8.0.19-r1 - PHP8 extension: MySQLnd
qt6-qtbase-mysql-6.3.0-r1 - MySQL driver for Qt6's SQL classes
apr-util-dbd_mysql-1.6.1-r12 - The Apache Portable Runtime Utility Library - MySQL driver
perl-dbd-mysql-4.050-r4 - Perl CPAN DBD::Mysql module
lua5.2-dbi-mysql-0.7.2-r1 - database interface library for Lua 5.2 and mysql
gnokii-smsd-mysql-0.6.31-r12 - SMSD plugin for MySQL storage backend
asterisk-cdr-mysql-18.11.2-r0 - Modular Open Source PBX System
lua-sql-mysql-2.6.0-r1 - Lua SQL drivers for mysql
/ #

```

Checagem imagem


```
Arquivo  Ações  Editar  Exibir  Ajuda
administrador@administrador-virtualbox: ~
administrador@administrador-virtualbox: $ sudo docker images
REPOSITORY          TAG             IMAGE ID        CREATED         SIZE
nandasantosif/phpmyadmin  latest         d53edf19baf4   5 minutes ago   261MB
alpine/phpmyadmin2      latest         27ef36b23fee   28 minutes ago  261MB
alpine                 3              e66264b98777   2 weeks ago     5.53MB
ubuntu/phpmyadmin       latest         8218a41ceb34   2 weeks ago     845MB
ubuntu                 latest         d2e4e1f51132   5 weeks ago     77.8MB
administrador@administrador-virtualbox:~$ sudo docker container run -it -p 81
:80 nandasantosif/phpmyadmin
/ #
```

Login docker

```
administrador@administrador-virtualbox: ~
administrador@administrador-virtualbox: $ sudo docker images
REPOSITORY          TAG             IMAGE ID        CREATED         SIZE
nandasantosif/phpmyadmin  latest         d53edf19baf4   5 minutes ago   261MB
alpine/phpmyadmin2      latest         27ef36b23fee   28 minutes ago  261MB
alpine                 3              e66264b98777   2 weeks ago     5.53MB
ubuntu/phpmyadmin       latest         8218a41ceb34   2 weeks ago     845MB
ubuntu                 latest         d2e4e1f51132   5 weeks ago     77.8MB
administrador@administrador-virtualbox:~$ sudo docker container run -it -p 81
:80 nandasantosif/phpmyadmin
/ # exit
administrador@administrador-virtualbox:~$ docker login
Authenticating with existing credentials...
WARNING! Your password will be stored unencrypted in /home/administrador/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
administrador@administrador-virtualbox:~$ docker images | grep nandasantosif/
phpmyadmin
nandasantosif/phpmyadmin  latest         d53edf19baf4   6 minutes ago   261MB
administrador@administrador-virtualbox:~$
```

Push docker

```
administrador@administrador-virtualbox: ~  
Arquivo  Ações  Editar  Exibir  Ajuda  
administrador@administrador-virtualbox: ~  
administrador@administrador-virtualbox: $ docker push nandasantosif/phpmyadmin  
Using default tag: latest  
The push refers to repository [docker.io/nandasantosif/phpmyadmin]  
ae892739fb49: Layer already exists  
24302eb7d908: Pushed  
latest: digest: sha256:77bd7973bb1ca04de6f660c8692dabbe723e4402f7b8d83100279274cbe42529 size: 740  
administrador@administrador-virtualbox: ~$
```

Repositório docker hub

