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jguzm@PC-Tiffer: ~/operativ x + v
jguzm@PC-Tiffer:~$ sudo chmod u+x script.sh
jguzm@PC-Tiffer:~$ sudo chown jguzm:jguzm script2.sh
chown: cannot access 'script2.sh': No such file or directory
jguzm@PC-Tiffer:~$ sudo chown jguzm:jguzm script.sh
jguzm@PC-Tiffer:~$ ./script.sh
Hit:1 http://archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Hit:3 https://download.docker.com/linux/ubuntu noble InRelease
Hit:4 http://security.ubuntu.com/ubuntu noble-security InRelease
Get:5 http://archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Fetched 252 kB in 1s (289 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
All packages are up to date.
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Calculating upgrade... Done
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils libapr1t64
  libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64 liblua5.4-0
  ssl-cert
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom
  www-browser ufw
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils libapr1t64
  libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64 liblua5.4-0
  ssl-cert
0 upgraded, 10 newly installed, 0 to remove and 0 not upgraded.
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jguzm@PC-Tiffer: ~/operativ x + v
Starting apache2 (via systemctl): apache2.service.
jguzm@PC-Tiffer:~$ sudo apt install net-tools
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
  net-tools
0 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 204 kB of archives.
After this operation, 811 kB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 net-tools amd64 2.10-0.1ubuntu4.4 [204 kB]
Fetched 204 kB in 1s (355 kB/s)
Selecting previously unselected package net-tools.
(Reading database ... 42012 files and directories currently installed.)
Preparing to unpack .../net-tools_2.10-0.1ubuntu4.4_amd64.deb ...
Unpacking net-tools (2.10-0.1ubuntu4.4) ...
Setting up net-tools (2.10-0.1ubuntu4.4) ...
Processing triggers for man-db (2.12.0-4build2) ...
jguzm@PC-Tiffer:~$ sudo apt install default-jdk -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  alsa-topology-conf alsa-ucm-conf ca-certificates-java
  default-jdk-headless default-jre default-jre-headless
  fonts-dejavu-extra java-common libasound2-data libasound2t64
  libatk-wrapper-java libatk-wrapper-java-jni libgif7 libice-dev
  libice6 libnspr4 libnss3 libpcsclite1 libpthread-stubs0-dev
  libsm-dev libsm6 libx11-dev libxau-dev libxaw7 libxcb-shape0
  libxcb1-dev libxdmcp-dev libxft2 libxkbfile1 libxmu6 libxpm4
  libxt-dev libxt6t64 libxv1 libxxf86dga1 openjdk-21-jdk
  openjdk-21-jdk-headless openjdk-21-jre openjdk-21-jre-headless
  x11-utils x11proto-dev xorg-sgml-doctools xtrans-dev
Suggested packages:
  alsa-utils libasound2-plugins libice-doc pcscd libsm-doc libx11-doc
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jguzm@PC-Tiffer: ~/operativ x + v
Setting up default-jdk-headless (2:1.21-75+exp1) ...
Setting up default-jdk (2:1.21-75+exp1) ...
jguzm@PC-Tiffer:~$ sudo apt install openssh-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libwrap0 ncurses-term openssh-sftp-server ssh-import-id
Suggested packages:
  molly-guard monkeysphere ssh-askpass ufw
The following NEW packages will be installed:
  libwrap0 ncurses-term openssh-server openssh-sftp-server
  ssh-import-id
0 upgraded, 5 newly installed, 0 to remove and 0 not upgraded.
Need to get 880 kB of archives.
After this operation, 6853 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 openssh-sftp-server amd64 1:9.6p1-3ubuntu13.13 [37.1 kB]
Get:2 http://archive.ubuntu.com/ubuntu noble/main amd64 libwrap0 amd64 7.6.q-33 [47.9 kB]
Get:3 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 openssh-server amd64 1:9.6p1-3ubuntu13.13 [518 kB]
Get:4 http://archive.ubuntu.com/ubuntu noble/main amd64 ncurses-term all 6.4+20240113-1ubuntu2 [275 kB]
Get:5 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 ssh-import-id all 5.11-0ubuntu2.24.04.1 [10.1 kB]
Fetched 880 kB in 1s (1013 kB/s)
Preconfiguring packages ...
Selecting previously unselected package openssh-sftp-server.
(Reading database ... 44138 files and directories currently installed.)
Preparing to unpack .../openssh-sftp-server_1%3a9.6p1-3ubuntu13.13_amd64.deb ...
Unpacking openssh-sftp-server (1:9.6p1-3ubuntu13.13) ...
Selecting previously unselected package libwrap0:amd64.
Preparing to unpack .../libwrap0_7.6.q-33_amd64.deb ...
Unpacking libwrap0:amd64 (7.6.q-33) ...
Selecting previously unselected package openssh-server.
Preparing to unpack .../openssh-server_1%3a9.6p1-3ubuntu13.13_amd64.deb ...
Unpacking openssh-server (1:9.6p1-3ubuntu13.13) ...
Selecting previously unselected package ncurses-term.
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Created symlink /etc/systemd/system/ssh.service.requires/ssh.socket → /usr/lib/systemd/system/ssh.socket.
Processing triggers for man-db (2.12.0-4build2) ...
Processing triggers for libc-bin (2.39-0ubuntu8.5) ...
jguzm@PC-Tiffer: ~/operativ x + v
jguzm@PC-Tiffer:~$ git clone https://github.com/carlosandres-mendez/operativos.git
Cloning into 'operativos'...
remote: Enumerating objects: 363, done.
remote: Counting objects: 100% (57/57), done.
remote: Compressing objects: 100% (43/43), done.
remote: Total 363 (delta 16), reused 52 (delta 11), pack-reused 306 (from 1)
Receiving objects: 100% (363/363), 2.40 MiB | 6.12 MiB/s, done.
Resolving deltas: 100% (133/133), done.
jguzm@PC-Tiffer:~$ cd operativos/sockets/
jguzm@PC-Tiffer:~/operativos/sockets$ javac --release 8 HTTPServer.java
warning: [options] source value 8 is obsolete and will be removed in a future release
warning: [options] target value 8 is obsolete and will be removed in a future release
warning: [options] To suppress warnings about obsolete options, use -Xlint:-options.
Note: HTTPServer.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
3 warnings
jguzm@PC-Tiffer:~/operativos/sockets$ sudo java HTTPServer
TCPServer Waiting for client on port 5000

^Cjguzm@PC-Tiffer:~/operativos/sockets$ sudo bash /etc/init.d/ssh start
Starting ssh (via systemctl): ssh.service.
jguzm@PC-Tiffer:~/operativos/sockets$ ssh jguzm
ssh: Could not resolve hostname jguzm: Temporary failure in name resolution
jguzm@PC-Tiffer:~/operativos/sockets$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet 10.255.255.254/32 brd 10.255.255.254 scope global lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
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jguzm@PC-Tiffer:~/operativ x + v
jguzm@PC-Tiffer:~/operativos/sockets$ vim HTTPServer.java
jguzm@PC-Tiffer:~/operativos/sockets$ javac --release 8 HTTPServer.java
warning: [options] source value 8 is obsolete and will be removed in a future release
warning: [options] target value 8 is obsolete and will be removed in a future release
warning: [options] To suppress warnings about obsolete options, use -Xlint:-options.
Note: HTTPServer.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
3 warnings
jguzm@PC-Tiffer:~/operativos/sockets$ sudo java HTTPServer
[sudo] password for jguzm:
TCPServer Waiting for client on port 5000
The Client /172.18.176.1:52718 is connected
The Client /172.18.176.1:52719 is connected
The HTTP request string is ....
GET /linux.jpg HTTP/1.1
Host: 172.18.177.169:5000
Connection: keep-alive
Cache-Control: max-age=0
DNT: 1
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/135.0.0.0 Safari/537.36 OPR/120.0.0.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7
Accept-Encoding: gzip, deflate
Accept-Language: en-US,en;q=0.9,ru;q=0.8,fr;q=0.7,it;q=0.6
The HTTP request string is ....
GET /favicon.ico HTTP/1.1
Host: 172.18.177.169:5000
Connection: keep-alive
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/135.0.0.0 Safari/537.36 OPR/120.0.0.0
DNT: 1
Accept: image/avif,image/webp,image/apng,image/svg+xml,image/*,*/*;q=0.8
Referer: http://172.18.177.169:5000/linux.jpg
Accept-Encoding: gzip, deflate
Accept-Language: en-US,en;q=0.9,ru;q=0.8,fr;q=0.7,it;q=0.6
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