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Laborator 8 RL

Exercitiul 3:

Nu trece pe checker: Permission denied doar intr-un sens. Cand trebuie sa trimit merge. Aici sunt comenzile:

```
corina@blue:~$ scp -r ./solution student@host:/home/student
cubic.txt                                100% 23   31.5KB/s   00:00
linear.txt                              100%  6   14.9KB/s   00:00
quadratic.txt                           100% 15   35.2KB/s   00:00
```

```
corina@blue:/home/student$ scp student@host:/home/student/test /home/student
/home/student/test: Permission denied
```

Exercitiul 4:

Nu trece pe checker, deci am toate fisierele: 2 pe host, 1 pe red

```
student@green:~$ time cat file-100M.dat | nc -q0 host 12345

real    0m0.605s
user    0m0.007s
sys     0m0.282s
```

```
student@green:~$ time curl -T file-100M.dat -u student:student ftp://red/file-100M-ftp.dat
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload   Total   Spent    Left   Speed
100 100M    0     0  100 100M      0  51.8M  0:00:01  0:00:01 --:--:-- 51.8M

real    0m2.530s
user    0m0.041s
sys     0m0.144s
```

```
student@green:~$ time scp file-100M.dat student@host:file-100M-scp.dat
The authenticity of host 'host (192.168.2.1)' can't be established.
ECDSA key fingerprint is SHA256:6/Mb6C5Q71jSuGjMaCA+DTrCDcGKfZ9EtUpTEkWCej8.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'host,192.168.2.1' (ECDSA) to the list of known hosts.
student@host's password:
file-100M.dat                                100% 100MB  50.3MB/s   00:01

real    0m9.954s
user    0m0.628s
sys     0m0.205s
```

```
student@red:~$ ls -al
total 102428
drwxr-xr-x 1 student student 4096 Dec 11 07:30 .
drwxr-xr-x 1 root root 4096 Dec 6 16:38 ..
-rw-r--r-- 1 student student 220 Apr 4 2018 .bash_logout
-rw-r--r-- 1 student student 3801 Dec 6 16:38 .bashrc
-rw----- 1 student student 104857600 Dec 11 07:34 file-100M-ftp.dat
-rw-r--r-- 1 student student 807 Apr 4 2018 .profile
drwxr-xr-x 2 student student 4096 Dec 11 06:53 .ssh
```

Exercitiul 6:

```
checker_ex1 ##### True
checker_ex2 ##### True
checker_ex3 ##### False
checker_ex4 ##### False
checker_ex6 ##### True
checker_ex7 ##### False
checker_ex8 ##### True
checker_ex11 ##### False
checker_ex12 ##### False
student@host:~$
```

Exercitiul 7:

A trecut pe checker, dar nu am facut screenshot. Am dat aceasta comanda:

#blocheaza ssh

iptables -A FORWARD -d green -p tcp --dport ssh -j REJECT

Exercitiul 8:

```
checker_ex1 ##### True
checker_ex2 ##### True
checker_ex3 ##### False
checker_ex4 ##### False
checker_ex6 ##### True
checker_ex7 ##### False
checker_ex8 ##### True
checker_ex11 ##### False
checker_ex12 ##### False
student@host:~$
```

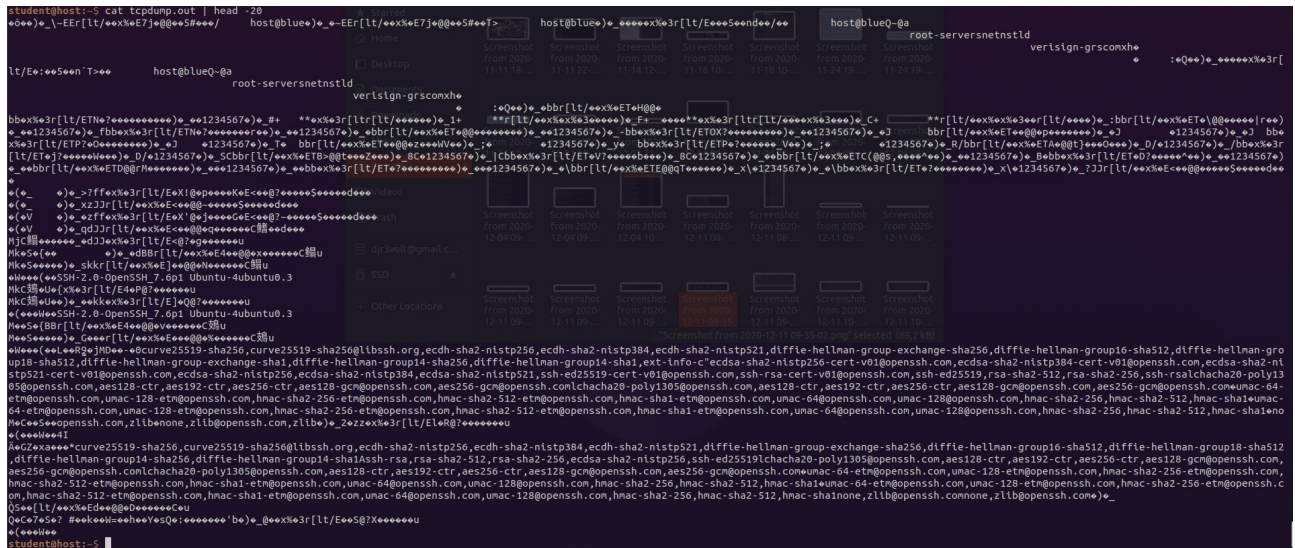
Am inserat ca prima regula un accept

```
iptables -I FORWARD 1 -d green -p tcp --dport ssh -j ACCEPT
```

Exercitiul 9

Am sters regulile cu:
iptables -F

Exercitiul 10:



Exercitiul 11: bonus

```
# adaug o regula pe red: sa nu primesc conexiuni noi din exterior
```

```
iptables -F
```

```
iptables -I FORWARD -m state --state NEW -d red -p tcp --dport ssh -j REJECT
```

```
iptables -L FORWARD -n -v
```

