

SAÉ 12 S'INITIER AUX RÉSEAUX INFORMATIQUES





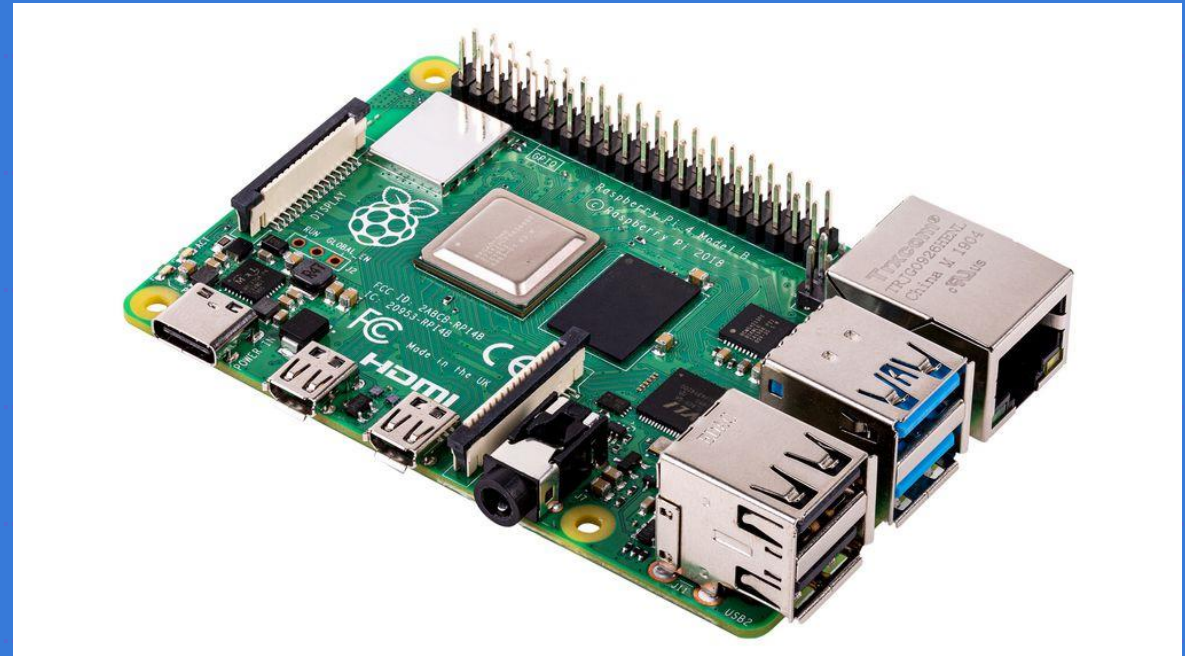
BUT :

RÉALISER UN PROJET EN RESPECTANT UNE REVUE DE
FAISABILITÉ ET DES JALONS.

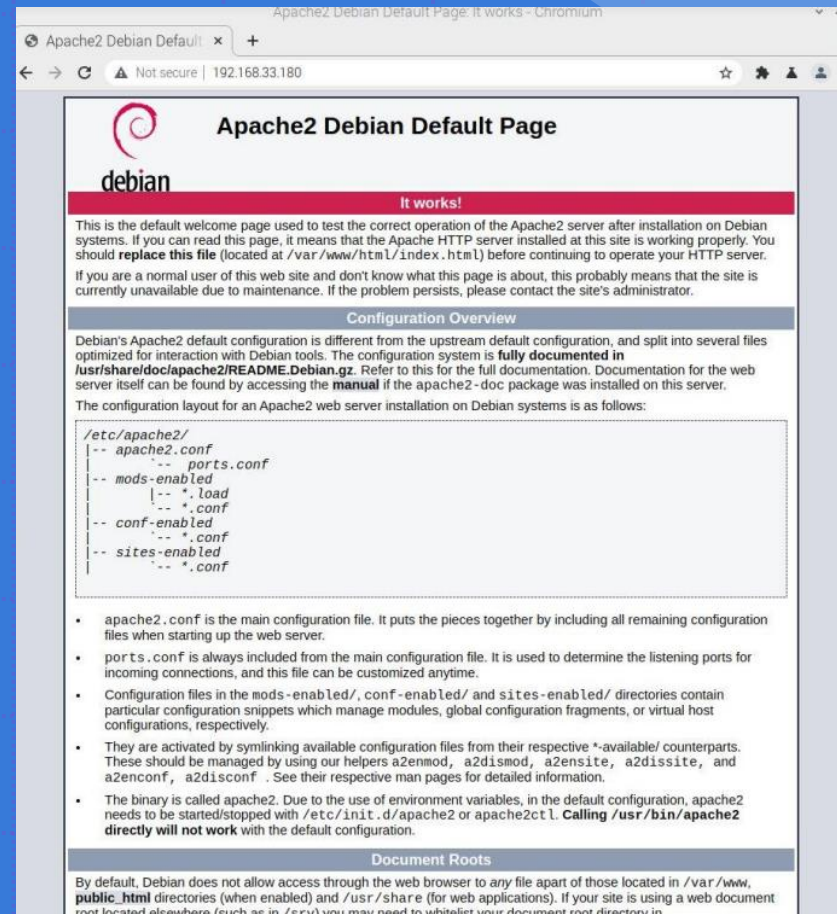
JALON 1

```
28 * ^C
root@rt:~# ping univ-fcomte.fr
PING univ-fcomte.fr (194.57.91.224) 56(84) bytes of data.
64 bytes from ufc224.univ-fcomte.fr (194.57.91.224): icmp_seq=1 ttl=55 time=63.0 ms
64 bytes from ufc224.univ-fcomte.fr (194.57.91.224): icmp_seq=2 ttl=55 time=25.6 ms
64 bytes from ufc224.univ-fcomte.fr (194.57.91.224): icmp_seq=3 ttl=55 time=48.1 ms
64 bytes from ufc224.univ-fcomte.fr (194.57.91.224): icmp_seq=4 ttl=55 time=50.8 ms
64 bytes from ufc224.univ-fcomte.fr (194.57.91.224): icmp_seq=5 ttl=55 time=47.3 ms
64 bytes from ufc224.univ-fcomte.fr (194.57.91.224): icmp_seq=6 ttl=55 time=56.3 ms
64 bytes from ufc224.univ-fcomte.fr (194.57.91.224): icmp_seq=7 ttl=55 time=32.6 ms
64 bytes from ufc224.univ-fcomte.fr (194.57.91.224): icmp_seq=8 ttl=55 time=45.5 ms
64 bytes from ufc224.univ-fcomte.fr (194.57.91.224): icmp_seq=9 ttl=55 time=44.5 ms
64 bytes from ufc224.univ-fcomte.fr (194.57.91.224): icmp_seq=10 ttl=55 time=39.3 ms
64 bytes from ufc224.univ-fcomte.fr (194.57.91.224): icmp_seq=11 ttl=55 time=44.5 ms
64 bytes from ufc224.univ-fcomte.fr (194.57.91.224): icmp_seq=13 ttl=55 time=56.8 ms
64 bytes from ufc224.univ-fcomte.fr (194.57.91.224): icmp_seq=14 ttl=55 time=44.5 ms
64 bytes from ufc224.univ-fcomte.fr (194.57.91.224): icmp_seq=15 ttl=55 time=53.1 ms
64 bytes from ufc224.univ-fcomte.fr (194.57.91.224): icmp_seq=16 ttl=55 time=65.8 ms
64 bytes from ufc224.univ-fcomte.fr (194.57.91.224): icmp_seq=17 ttl=55 time=32.5 ms
64 bytes from ufc224.univ-fcomte.fr (194.57.91.224): icmp_seq=18 ttl=55 time=45.1 ms
64 bytes from ufc224.univ-fcomte.fr (194.57.91.224): icmp_seq=19 ttl=55 time=48.4 ms
64 bytes from ufc224.univ-fcomte.fr (194.57.91.224): icmp_seq=20 ttl=55 time=49.7 ms
^C
--- univ-fcomte.fr ping statistics ---
20 packets transmitted, 19 received, 5% packet loss, time 48ms
rtt min/avg/max/mdev = 25.586/47.022/65.802/9.775 ms
root@rt:~#
```

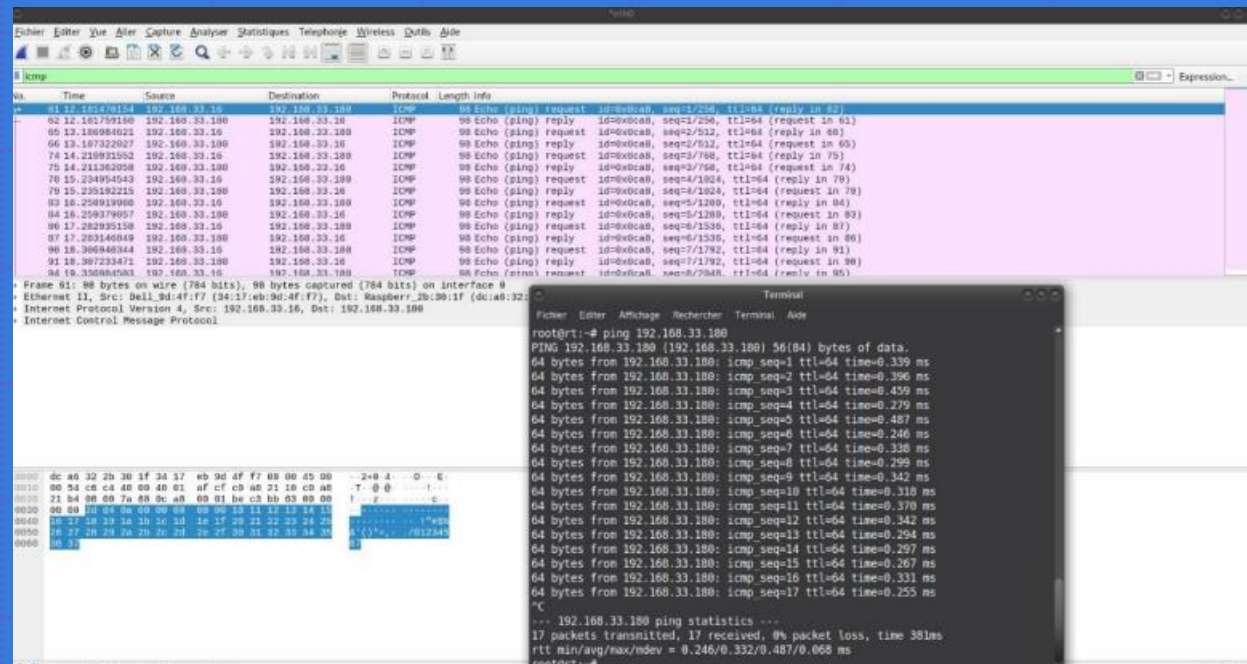
JALON 2



JALON 3



JALON 4

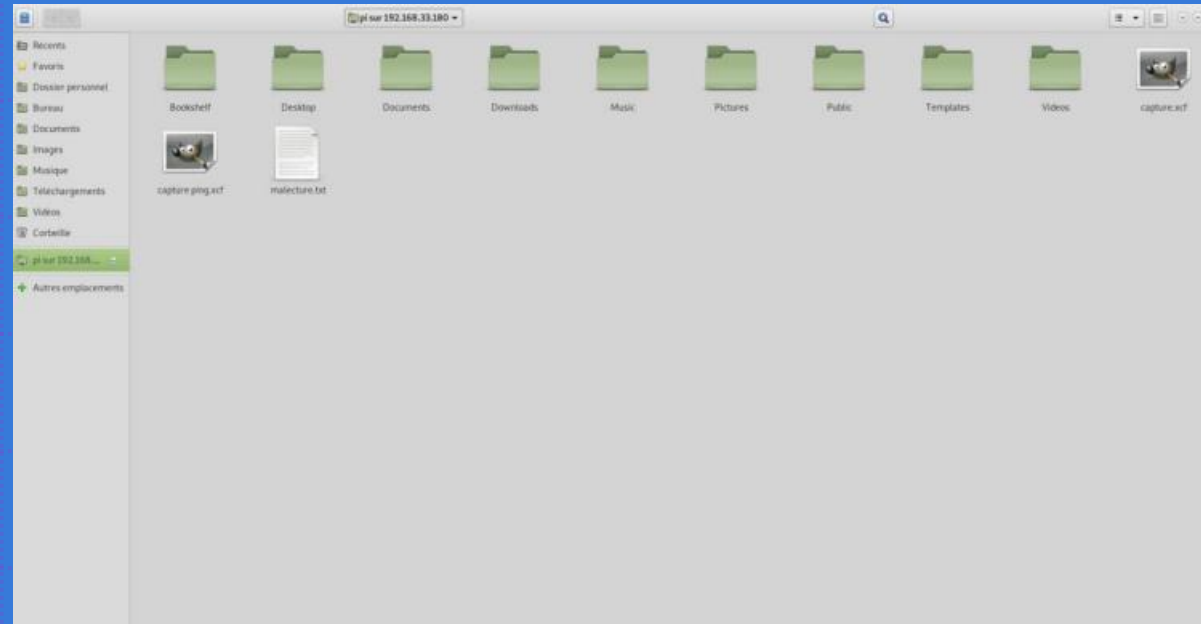


JALON 5

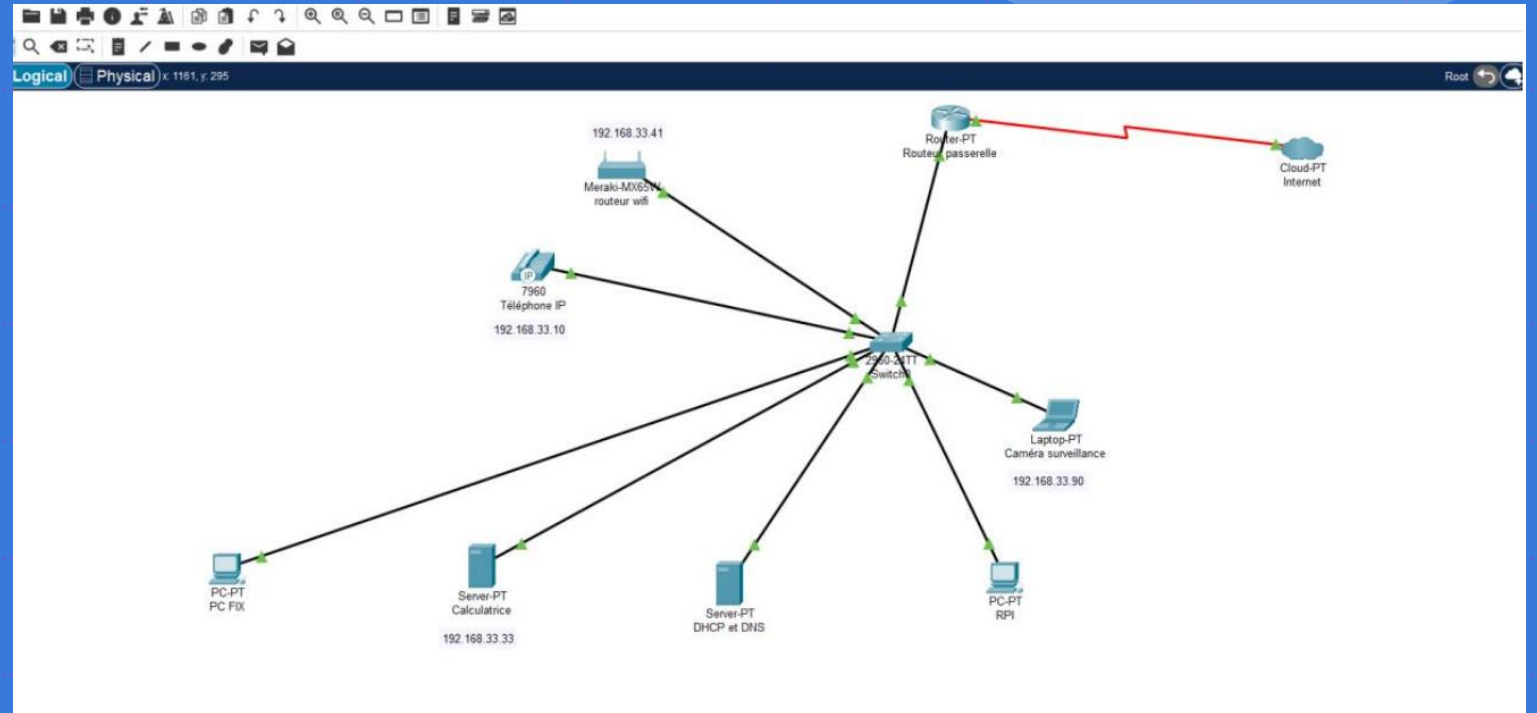
```
pi@Raspberry:~$ ssh-keygen -t rsa -b 4096 -f ~/.ssh/authorized_keys
Generating public/private rsa key pair
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/tp/.ssh/authorized_keys.
Your public key has been saved in /home/tp/.ssh/authorized_keys.pub.
The key fingerprint is:
SHA256:grAhe00yt0Jvlloy2P1CXLSUF8BbNM8d0PH3MgTu7is tp@rt
The key's randomart image is:
+---[RSA 4096]-----+
|  o ..+oo... |
| . +o+* oo . |
| . o.o+pe..o o |
|.. .o.o+.. o o |
| . o 5 . o . |
|...o . . o |
|..o o . . |
| B o. E. |
| .. ..-o. |
+---[SHA256]-----+
tp@rt:~$ cd .ssh/
tp@rt:~/.ssh$ ls
ls: impossible d'accéder à '.': Aucun fichier ou dossier de ce type
tp@rt:~/.ssh$ ls
authorized_keys  authorized_keys.pub
tp@rt:~/.ssh$ cd ../
tp@rt:~$ scp /home/tp/.ssh/authorized_keys.pub pi@192.168.33.180:~/.ssh
The authenticity of host '192.168.33.180 (192.168.33.180)' can't be established.
ECDSA key fingerprint is SHA256:TLAw89ZiUDZzbeQrasFpNMLRAVjdZdPFELrx922a4.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '192.168.33.180' (ECDSA) to the list of known hosts.
pi@192.168.33.180: Permission denied (publickey).
Lost connection
tp@rt:~$ scp /home/tp/.ssh/authorized_keys.pub pi@192.168.33.180:~/.ssh
pi@192.168.33.180: Permission denied (publickey).
Lost connection
tp@rt:~$
tp@rt:~$ scp /home/tp/.ssh/authorized_keys.pub pi@192.168.33.180:~/.ssh
pi@192.168.33.180's password:
authorized_keys.pub                                100% 731   572.0KB/s   00:00
tp@rt:~$ ssh pi@192.168.33.180
Last login: Mon Jan  9 13:39:32 2023 from 192.168.33.16
pi@Raspberry:~$
```

JALON 6

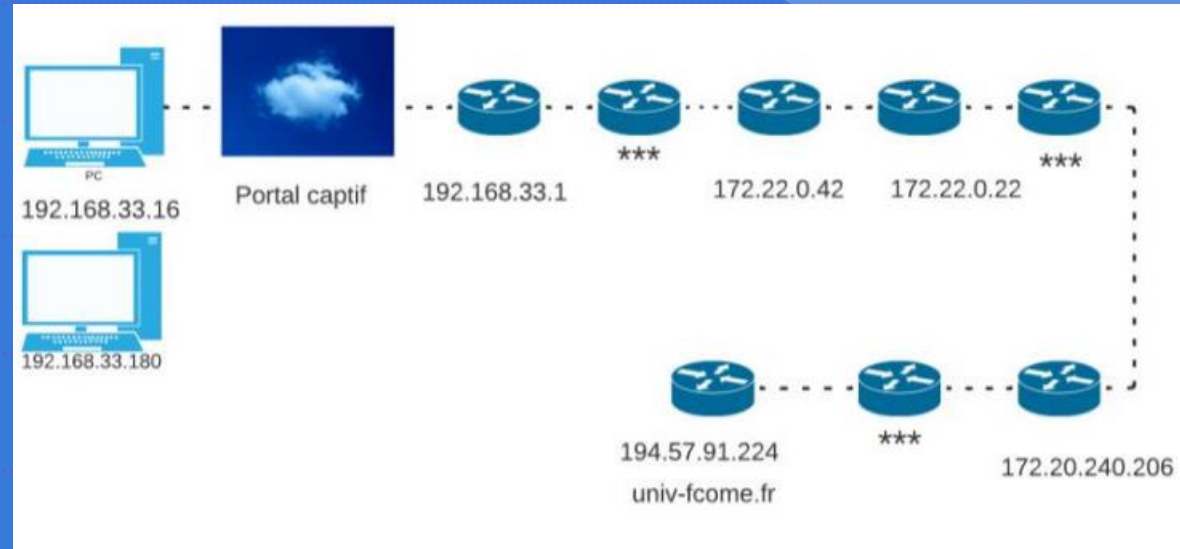
NFS
SAMBA



JALON 7



JALON 8



JALON 9





MERCI D'AVOIR PRIS LE TEMPS ÉCOUTÉ