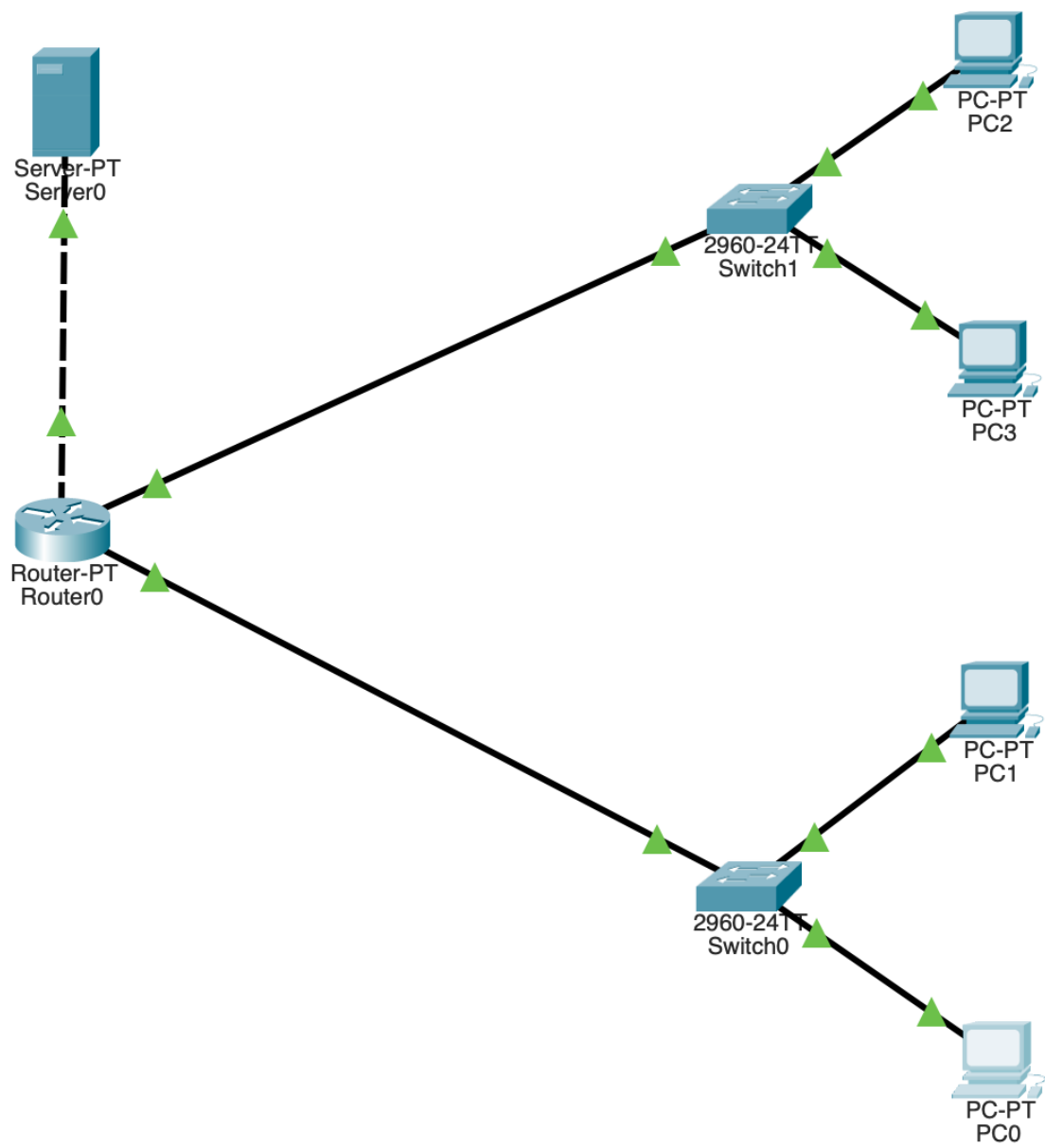


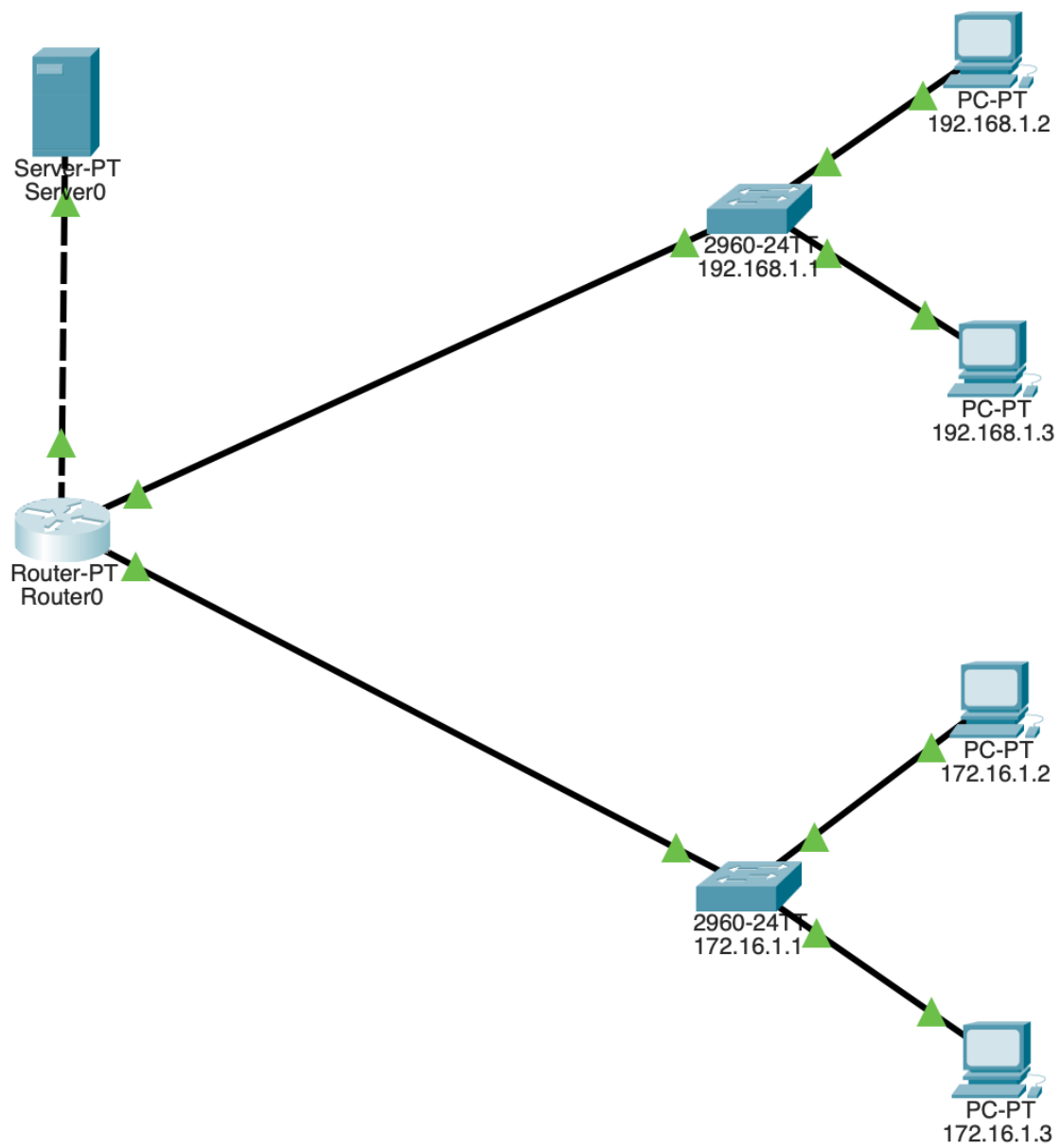
Job01 :

Création d'un réseaux :



Job02 :

Création des adresses réseaux :



Job03 :

Configuration du serveur FTP :

The screenshot shows the 'Config' tab for 'FastEthernet0' on 'Server0'. The left sidebar has 'INTERFACE' selected, with 'FastEthernet0' highlighted. The main area shows the following settings:

- Port Status: ☒ On
- Bandwidth: ☐ 100 Mbps ☐ 10 Mbps ☒ Auto
- Duplex: ☐ Half Duplex ☒ Full Duplex ☒ Auto
- MAC Address: 0006.2A99.79D7
- IP Configuration: ☐ DHCP ☒ Static
 - IPv4 Address: 10.10.10.2
 - Subnet Mask: 255.0.0.0
- IPv6 Configuration: ☐ Automatic ☒ Static
 - IPv6 Address: /
 - Link Local Address: FE80::206:2AFF:FE99:79D7

The screenshot shows the 'Services' tab for 'Server0'. The left sidebar has 'SERVICES' selected, with 'FTP' highlighted. The main area shows the following settings:

- Service: ☒ On ☐ Off
- User Setup:
 - Username:
 - Password:
 - ☐ Write ☐ Read ☐ Delete ☐ Rename ☐ List
 - Table:

	Username	Password	Permission
1	cisco	cisco	RWDNL
 - Buttons: Add, Save, Remove

Job04 :

Vue sur le fichier nommé 'mon_test.txt' pour voir si il a été bien créé :

```
C:\>dir

Volume in drive C has no label.
Volume Serial Number is 5E12-4AF3
Directory of C:\

1/1/1970    1:0 PM                16      mon_test.txt
1/1/1970    1:0 PM                26      sampleFile.txt
               42 bytes                2 File(s)

C:\>
```

Job05 :

Transfère d'un fichier du PC du réseau 192.168.1.0 vers un autre PC du réseau 172.16.1.0 :

```
C:\>ftp 10.10.10.2
Trying to connect...10.10.10.2
Connected to 10.10.10.2
220- Welcome to PT Ftp server
Username:cisco
331- Username ok, need password
Password:
230- Logged in
(passive mode On)
ftp>put mon_test.txt

Writing file mon_test.txt to 10.10.10.2:
File transfer in progress...

[Transfer complete - 16 bytes]

16 bytes copied in 0.077 secs (207 bytes/sec)
ftp>quit
```

La commande **'put'** sert à envoyer un fichier dans le serveur FTP.

```
C:\>ftp 10.10.10.2
Trying to connect...10.10.10.2
Connected to 10.10.10.2
220- Welcome to PT Ftp server
Username:cisco
331- Username ok, need password
Password:
230- Logged in
(passive mode On)
ftp>get mon_test.txt

Reading file mon_test.txt from 10.10.10.2:
File transfer in progress...

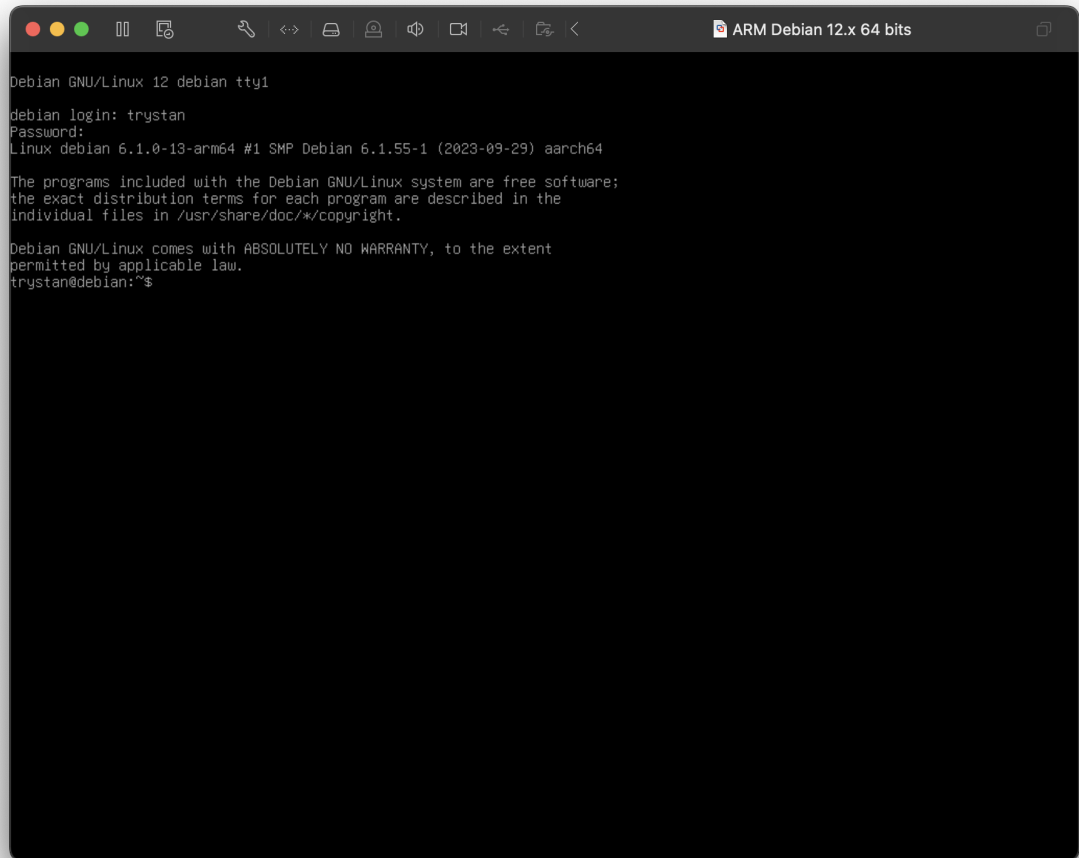
[Transfer complete - 16 bytes]

16 bytes copied in 0 secs
ftp>quit
```

La commande **'get'** permet de récupérer un fichier dans le serveur FTP.

Job06 :

Installation d'une machine virtuelle Debian sans interface graphique, avec le SSH configuré.

A screenshot of a terminal window titled "ARM Debian 12.x 64 bits". The terminal shows the Debian GNU/Linux 12 login process. The user "trystan" logs in with a password. The system is identified as "Linux debian 6.1.0-13-arm64 #1 SMP Debian 6.1.55-1 (2023-09-29) aarch64". A message states that the programs included with the Debian GNU/Linux system are free software, and the exact distribution terms for each program are described in the individual files in /usr/share/doc/*/copyright. The terminal ends with the prompt "trystan@debian:~\$".

```
Debian GNU/Linux 12 debian tty1
debian login: trystan
Password:
Linux debian 6.1.0-13-arm64 #1 SMP Debian 6.1.55-1 (2023-09-29) aarch64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
trystan@debian:~$
```

Job07 :

Installation ProFTPd :

Commande effectué : `sudo apt install proftpd`

Job08 :

Lancement du serveur FTP :

Commande effectué : `sudo service proftpd start`

Job09 :

Ajout des deux utilisateurs demandés :

Commande effectué :

- Merry : - `sudo useradd Merry -m -s /bin/bash` puis `sudo passwd Merry``
- Pippin : - `sudo useradd Pippin -m -s /bin/bash` puis `sudo passwd Pippin``

Job10 :

Création du fichier.txt demandé puis transfert du fichier vers la VM Debian sur l'utilisateur ajouté Merry :

