Institut Universitaire des Sciences (IUS)

Faculté des Sciences et Technologies

(FST)

RAPPORT

SUR LE TRAVAIL DE LABORATOIRE № 4

Cours : Cisco Packet Tracer (Reseau 1)
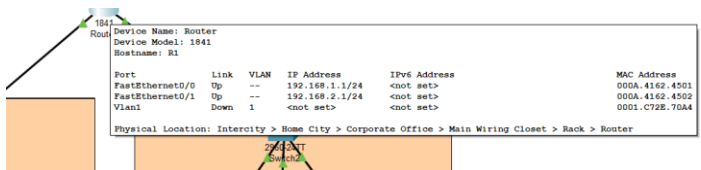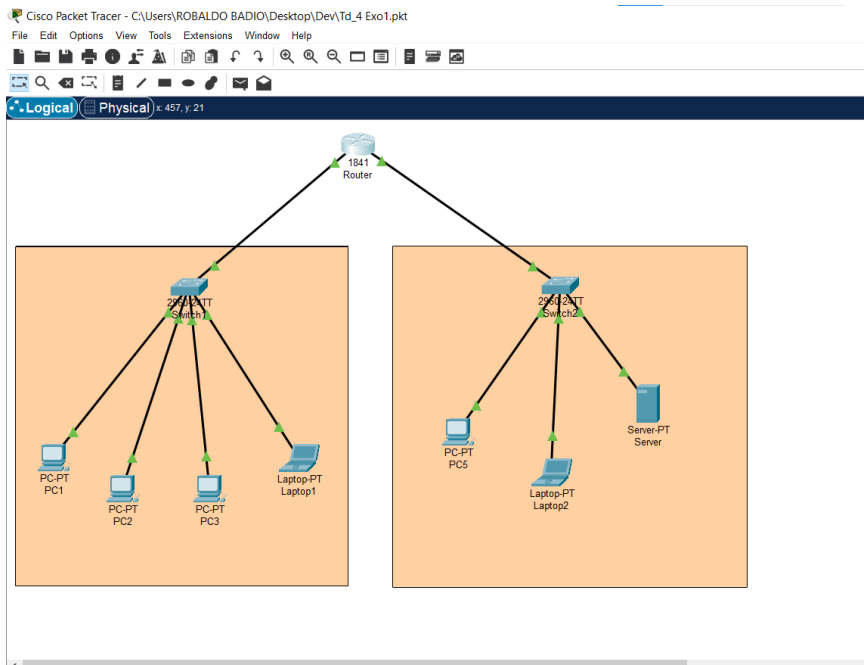
Soumis au Chargé de cours : **Ismael SAINT AMOUR**

Niveau L3

Préparé par : **Robaldo BADIO**

Date : Le 25 / 11 / 2024

Exécution du TD 4 exo1

1. Les démarchent sur TD 4 Exo 1

Cisco Packet Tracer - C:\Users\ROBALDO BADIO\Desktop\Dev\Td_4 Exo1.pkt


```
Device Name: Router
Device Model: 1841
Hostname: R1

Port            Link  VLAN  IP Address       IPv6 Address    MAC Address
FastEthernet0/0  Up    --    192.168.1.1/24   <not set>       000A.4162.4501
FastEthernet0/1  Up    --    192.168.2.1/24   <not set>       000A.4162.4502
Vlan1            Down  1     <not set>        <not set>       0001.C72E.70A4

Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Router
```

```
Device Name: Switch1
Custom Device Model: 2960 IOS15
Hostname: S1

Port                Link    VLAN   IP Address      MAC Address
FastEthernet0/1     Up      1      --              00D0.973A.DA01
FastEthernet0/2     Up      1      --              00D0.973A.DA02
FastEthernet0/3     Up      1      --              00D0.973A.DA03
FastEthernet0/4     Up      1      --              00D0.973A.DA04
FastEthernet0/5     Up      1      --              00D0.973A.DA05
FastEthernet0/6     Down    1      --              00D0.973A.DA06
FastEthernet0/7     Down    1      --              00D0.973A.DA07
FastEthernet0/8     Down    1      --              00D0.973A.DA08
FastEthernet0/9     Down    1      --              00D0.973A.DA09
FastEthernet0/10    Down    1      --              00D0.973A.DA0A
FastEthernet0/11    Down    1      --              00D0.973A.DA0B
FastEthernet0/12    Down    1      --              00D0.973A.DA0C
FastEthernet0/13    Down    1      --              00D0.973A.DA0D
FastEthernet0/14    Down    1      --              00D0.973A.DA0E
FastEthernet0/15    Down    1      --              00D0.973A.DA0F
FastEthernet0/16    Down    1      --              00D0.973A.DA10
FastEthernet0/17    Down    1      --              00D0.973A.DA11
FastEthernet0/18    Down    1      --              00D0.973A.DA12
FastEthernet0/19    Down    1      --              00D0.973A.DA13
FastEthernet0/20    Down    1      --              00D0.973A.DA14
FastEthernet0/21    Down    1      --              00D0.973A.DA15
FastEthernet0/22    Down    1      --              00D0.973A.DA16
FastEthernet0/23    Down    1      --              00D0.973A.DA17
FastEthernet0/24    Down    1      --              00D0.973A.DA18
GigabitEthernet0/1  Down    1      --              00D0.973A.DA19
GigabitEthernet0/2  Down    1      --              00D0.973A.DA1A
Vlan1               Up      1      192.168.1.2/24  0001.42CC.5325

Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Switch1
```

```
4331  4321  1941  2901  2911  819IOX  819HGW  829  1240  PT-Router  PT-Empty  1841  2620XM  2621XM
```

(Select a Device to Drag and Drop to the Workspace)

New   Delete

Toggle PDU List Window

```
Device Name: PC1
Device Model: PC-PT

Port            Link    IP Address       IPv6 Address           MAC Address
FastEthernet0   Up      192.168.1.10/24  <not set>              0006.2A70.9AED
Bluetooth       Down    <not set>        <not set>              0001.C76E.29D9

Gateway: 192.168.1.1
DNS Server: 192.168.2.12
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > PC1
```

```
Device Name: PC2
Device Model: PC-PT

Port            Link    IP Address       IPv6 Address           MAC Address
FastEthernet0   Up      192.168.1.11/24  <not set>              00E0.F79B.6C35
Bluetooth       Down    <not set>        <not set>              0060.5C88.E578

Gateway: 192.168.1.1
DNS Server: 192.168.2.12
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > PC2
```

```
Device Name: PC3
Device Model: PC-PT

Port            Link    IP Address          IPv6 Address                        MAC Address
FastEthernet0   Up      192.168.1.12/24     <not set>                           0060.5CD8.EEE9
Bluetooth       Down    <not set>           <not set>                           00D0.9721.4CD4

Gateway: 192.168.1.1
DNS Server: 192.168.2.12
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > PC3
```

```
Device Name: Laptop1
Device Model: Laptop-PT

Port            Link    IP Address          IPv6 Address                        MAC Address
FastEthernet0   Up      192.168.1.13/24     <not set>                           0001.43E5.100E
Bluetooth       Down    <not set>           <not set>                           0001.C9EE.E343

Gateway: 192.168.1.1
DNS Server: 192.168.2.12
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > Laptop1
```

```
Device Name: Switch2
Custom Device Model: 2960 IOS15
Hostname: S2

Port                Link    VLAN    IP Address          MAC Address
FastEthernet0/1     Up      1       --                  000A.F314.A301
FastEthernet0/2     Up      1       --                  000A.F314.A302
FastEthernet0/3     Up      1       --                  000A.F314.A303
FastEthernet0/4     Up      1       --                  000A.F314.A304
FastEthernet0/5     Down    1       --                  000A.F314.A305
FastEthernet0/6     Down    1       --                  000A.F314.A306
FastEthernet0/7     Down    1       --                  000A.F314.A307
FastEthernet0/8     Down    1       --                  000A.F314.A308
FastEthernet0/9     Down    1       --                  000A.F314.A309
FastEthernet0/10    Down    1       --                  000A.F314.A30A
FastEthernet0/11    Down    1       --                  000A.F314.A30B
FastEthernet0/12    Down    1       --                  000A.F314.A30C
FastEthernet0/13    Down    1       --                  000A.F314.A30D
FastEthernet0/14    Down    1       --                  000A.F314.A30E
FastEthernet0/15    Down    1       --                  000A.F314.A30F
FastEthernet0/16    Down    1       --                  000A.F314.A310
FastEthernet0/17    Down    1       --                  000A.F314.A311
FastEthernet0/18    Down    1       --                  000A.F314.A312
FastEthernet0/19    Down    1       --                  000A.F314.A313
FastEthernet0/20    Down    1       --                  000A.F314.A314
FastEthernet0/21    Down    1       --                  000A.F314.A315
FastEthernet0/22    Down    1       --                  000A.F314.A316
FastEthernet0/23    Down    1       --                  000A.F314.A317
FastEthernet0/24    Down    1       --                  000A.F314.A318
GigabitEthernet0/1  Down    1       --                  000A.F314.A319
GigabitEthernet0/2  Down    1       --                  000A.F314.A31A
Vlan1               Up      1       192.168.2.2/24      0001.9672.87ED

Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Switch2
```
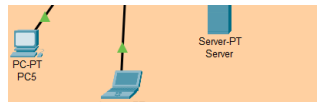
```
Device Name: PC5
Device Model: PC-PT

Port            Link    IP Address          IPv6 Address                        MAC Address
FastEthernet0   Up      192.168.2.10/24     <not set>                           00E0.F93B.2C7C
Bluetooth       Down    <not set>           <not set>                           00D0.FF1C.B49D

Gateway: 192.168.2.1
DNS Server: 192.168.2.12
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > PC5
```

Device Name: Laptop2
Device Model: Laptop-PT

Port	Link	IP Address	IPv6 Address	MAC Address
FastEthernet0	Up	192.168.2.11/24	<not set>	00E0.8F81.3AA1
Bluetooth	Down	<not set>	<not set>	0001.C95B.0615

Gateway: 192.168.2.1
DNS Server: 192.168.2.12
Line Number: <not set>

Physical Location: Intercity > Home City > Corporate Office > Laptop2

Device Name: Server
Device Model: Server-PT

Port	Link	IP Address	IPv6 Address	MAC Address
FastEthernet0	Up	192.168.2.12/24	<not set>	00E0.F997.D31E

Gateway: 192.168.2.1
DNS Server: <not set>
Line Number: <not set>

Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Server

PC1

Physical   Config   Desktop   Programming   Attributes

Command Prompt   X

Cisco Packet Tracer PC Command Line 1.0
C:\>ping PC2

Pinging 192.168.1.11 with 32 bytes of data:

Reply from 192.168.1.11: bytes=32 time=11ms TTL=128
Reply from 192.168.1.11: bytes=32 time<1ms TTL=128
Reply from 192.168.1.11: bytes=32 time<1ms TTL=128
Reply from 192.168.1.11: bytes=32 time<1ms TTL=128

Ping statistics for 192.168.1.11:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 11ms, Average = 3ms

C:\>ping PC5

Pinging 192.168.2.10 with 32 bytes of data:

Request timed out.
Reply from 192.168.2.10: bytes=32 time<1ms TTL=127
Reply from 192.168.2.10: bytes=32 time<1ms TTL=127
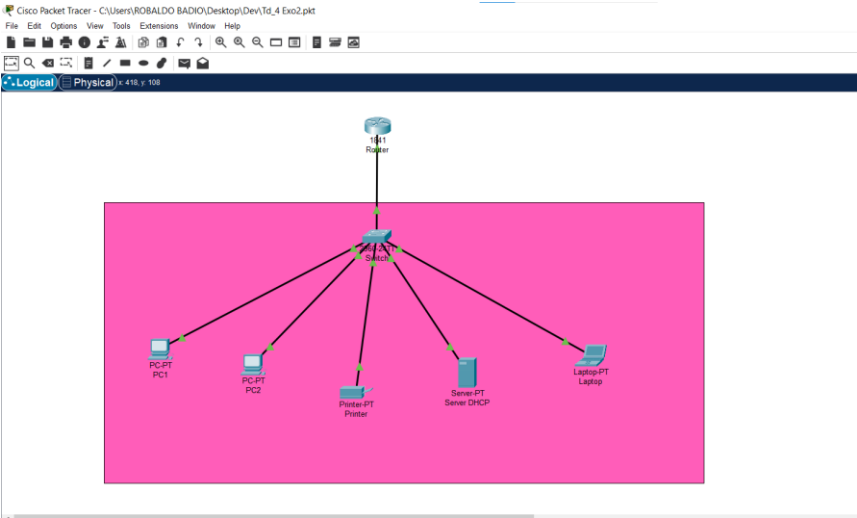Reply from 192.168.2.10: bytes=32 time<1ms TTL=127

Ping statistics for 192.168.2.10:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>

Exécution du TD 4 exo2

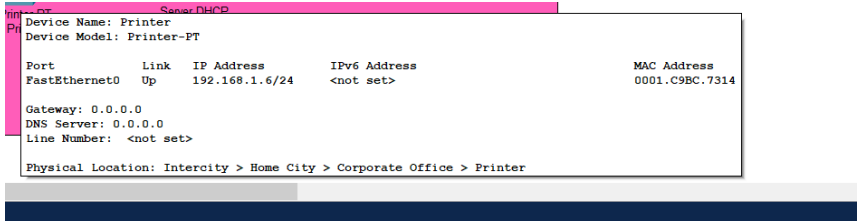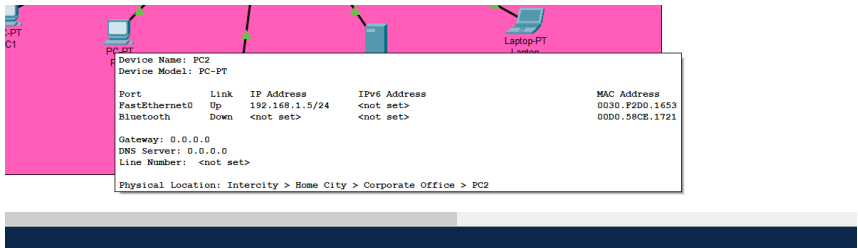## 1. Les démarchent sur TD 4 Exo 2

```
Device Name: PC1
Device Model: PC-PT

Port          Link  IP Address      IPv6 Address                    MAC Address
FastEthernet0 Up    192.168.1.4/24  <not set>                       0010.11BD.CA2C
Bluetooth     Down  <not set>       <not set>                       0001.42BB.54A3

Gateway: 0.0.0.0
DNS Server: 0.0.0.0
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > PC1
```



```
Device Name: PC2
Device Model: PC-PT

Port          Link  IP Address      IPv6 Address        MAC Address
FastEthernet0 Up    192.168.1.5/24  <not set>           0030.F2D0.1653
Bluetooth     Down  <not set>       <not set>           00D0.58CE.1721

Gateway: 0.0.0.0
DNS Server: 0.0.0.0
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > PC2
```



```
Device Name: Printer
Device Model: Printer-PT

Port          Link  IP Address      IPv6 Address        MAC Address
FastEthernet0 Up    192.168.1.6/24  <not set>           0001.C9BC.7314

Gateway: 0.0.0.0
DNS Server: 0.0.0.0
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > Printer
```



```
Device Name: Server DHCP
Device Model: Server-PT

Port          Link  IP Address       IPv6 Address        MAC Address
FastEthernet0 Up    192.168.1.13/24  <not set>           0001.6437.A94A

Gateway: 192.168.1.1
DNS Server: <not set>
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Server DHCP
```

Scenario 0   Fire Last Status Source Destination Type Color Time(sec) Periodic Num Edit Delete   Realti

Device Name: Laptop
Device Model: Laptop-PT

Port	Link	IP Address	IPv6 Address	MAC Address
FastEthernet0	Up	192.168.1.3/24	<not set>	0001.962D.0985
Bluetooth	Down	<not set>	<not set>	0001.6347.E319

Gateway: 0.0.0.0
DNS Server: 0.0.0.0
Line Number: <not set>

Physical Location: Intercity > Home City > Corporate Office > Laptop

PC2

Physical   Config   Desktop   Programming   Attributes

Command Prompt   X

Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.4

Pinging 192.168.1.4 with 32 bytes of data:

Reply from 192.168.1.4: bytes=32 time=1ms TTL=128
Reply from 192.168.1.4: bytes=32 time<1ms TTL=128
Reply from 192.168.1.4: bytes=32 time<1ms TTL=128
Reply from 192.168.1.4: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.1.4:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>

Exécution du TD 4 exo3

1. Les démarchent sur TD 4 Exo 3


```
Device Name: Router
Device Model: 1841
Hostname: Server^DHCP

Port              Link   VLAN   IP Address        IPv6 Address                   MAC Address
FastEthernet0/0   Up     --     192.168.1.1/24    <not set>                      0002.4A36.4C01
FastEthernet0/1   Up     --     192.168.2.1/24    <not set>                      0002.4A36.4C02
Vlan1             Down   1      <not set>         <not set>                      00D0.583B.4580

Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Router
```
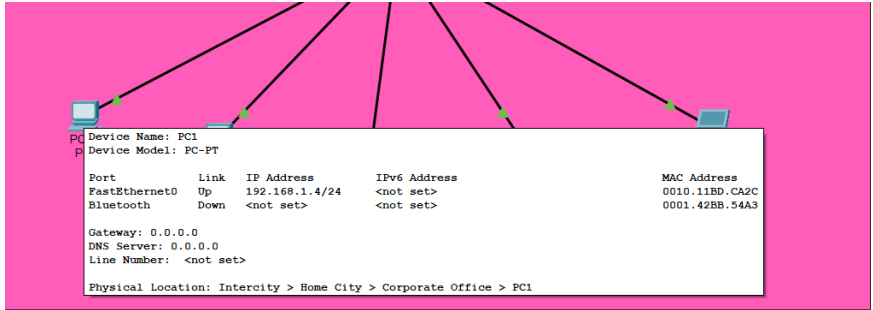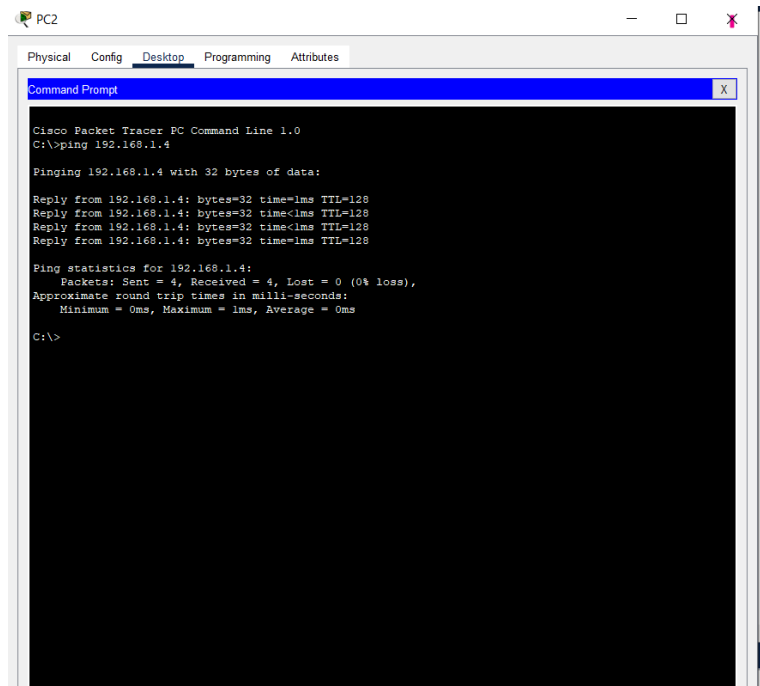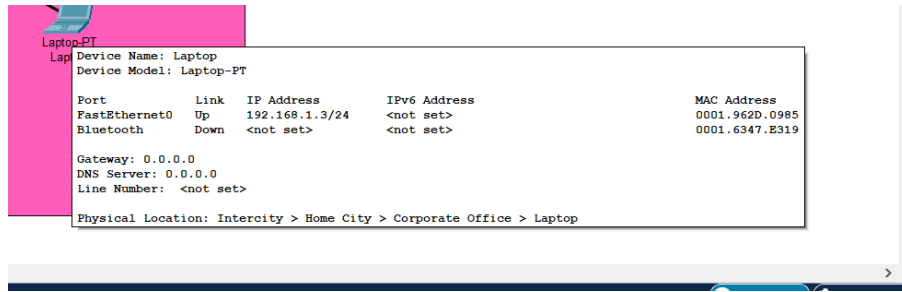
```
Device Name: Switch1
Custom Device Model: 2960 IOS15
Hostname: S1

Port                Link   VLAN   IP Address       MAC Address
FastEthernet0/1     Up     1      --               0002.4A87.8001
FastEthernet0/2     Up     1      --               0002.4A87.8002
FastEthernet0/3     Up     1      --               0002.4A87.8003
FastEthernet0/4     Up     1      --               0002.4A87.8004
FastEthernet0/5     Up     1      --               0002.4A87.8005
FastEthernet0/6     Down   1      --               0002.4A87.8006
FastEthernet0/7     Down   1      --               0002.4A87.8007
FastEthernet0/8     Down   1      --               0002.4A87.8008
FastEthernet0/9     Down   1      --               0002.4A87.8009
FastEthernet0/10    Down   1      --               0002.4A87.800A
FastEthernet0/11    Down   1      --               0002.4A87.800B
FastEthernet0/12    Down   1      --               0002.4A87.800C
FastEthernet0/13    Down   1      --               0002.4A87.800D
FastEthernet0/14    Down   1      --               0002.4A87.800E
FastEthernet0/15    Down   1      --               0002.4A87.800F
FastEthernet0/16    Down   1      --               0002.4A87.8010
FastEthernet0/17    Down   1      --               0002.4A87.8011
FastEthernet0/18    Down   1      --               0002.4A87.8012
FastEthernet0/19    Down   1      --               0002.4A87.8013
FastEthernet0/20    Down   1      --               0002.4A87.8014
FastEthernet0/21    Down   1      --               0002.4A87.8015
FastEthernet0/22    Down   1      --               0002.4A87.8016
FastEthernet0/23    Down   1      --               0002.4A87.8017
FastEthernet0/24    Down   1      --               0002.4A87.8018
GigabitEthernet0/1  Down   1      --               0002.4A87.8019
GigabitEthernet0/2  Down   1      --               0002.4A87.801A
Vlan1               Up     1      192.168.1.2/24   000C.8546.42E2

Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Switch1
```
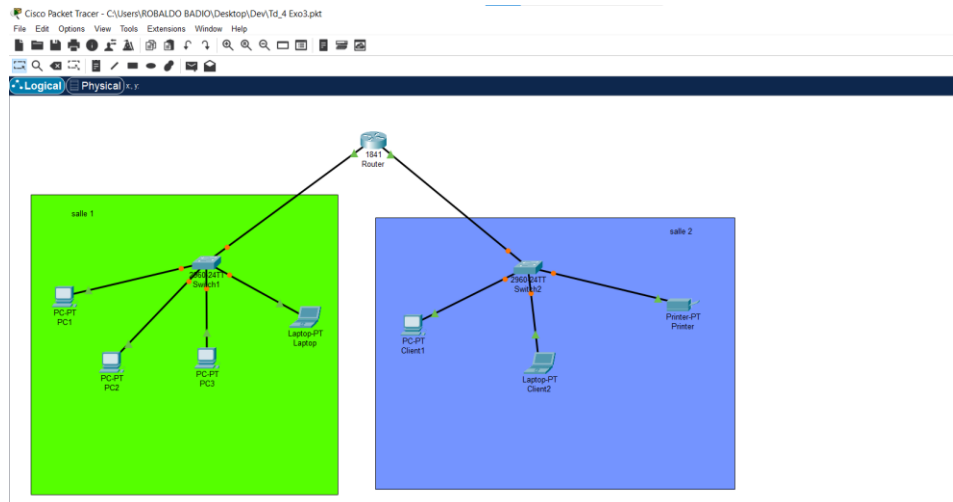
(Select a Device to Drag and Drop to the Workspace)

Toggle PDU List Window

```
Device Name: Switch2
Custom Device Model: 2960 IOS15
Hostname: S2

Port               Link   VLAN   IP Address        MAC Address
FastEthernet0/1    Up     1      --                0060.702C.7C01
FastEthernet0/2    Up     1      --                0060.702C.7C02
FastEthernet0/3    Up     1      --                0060.702C.7C03
FastEthernet0/4    Up     1      --                0060.702C.7C04
FastEthernet0/5    Down   1      --                0060.702C.7C05
FastEthernet0/6    Down   1      --                0060.702C.7C06
FastEthernet0/7    Down   1      --                0060.702C.7C07
FastEthernet0/8    Down   1      --                0060.702C.7C08
FastEthernet0/9    Down   1      --                0060.702C.7C09
FastEthernet0/10   Down   1      --                0060.702C.7C0A
FastEthernet0/11   Down   1      --                0060.702C.7C0B
FastEthernet0/12   Down   1      --                0060.702C.7C0C
FastEthernet0/13   Down   1      --                0060.702C.7C0D
FastEthernet0/14   Down   1      --                0060.702C.7C0E
FastEthernet0/15   Down   1      --                0060.702C.7C0F
FastEthernet0/16   Down   1      --                0060.702C.7C10
FastEthernet0/17   Down   1      --                0060.702C.7C11
FastEthernet0/18   Down   1      --                0060.702C.7C12
FastEthernet0/19   Down   1      --                0060.702C.7C13
FastEthernet0/20   Down   1      --                0060.702C.7C14
FastEthernet0/21   Down   1      --                0060.702C.7C15
FastEthernet0/22   Down   1      --                0060.702C.7C16
FastEthernet0/23   Down   1      --                0060.702C.7C17
FastEthernet0/24   Down   1      --                0060.702C.7C18
GigabitEthernet0/1 Down   1      --                0060.702C.7C19
GigabitEthernet0/2 Down   1      --                0060.702C.7C1A
Vlan1              Up     1      192.168.2.2/24    0002.163D.E21D

Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Switch2
List Window
```

```
Device Name: PC1
Device Model: PC-PT

Port           Link   IP Address        IPv6 Address                  MAC Address
FastEthernet0  Up     192.168.1.4/24    <not set>                     00D0.FF44.07E3
Bluetooth      Down   <not set>         <not set>                     0001.42D9.3584

Gateway: 192.168.1.1
DNS Server: 8.8.8.8
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > PC1
```

```
Device Name: PC2
Device Model: PC-PT

Port           Link   IP Address        IPv6 Address      MAC Address
FastEthernet0  Up     192.168.1.6/24    <not set>         0060.478D.2717
Bluetooth      Down   <not set>         <not set>         00E0.A3A1.D6B8

Gateway: 192.168.1.1
DNS Server: 8.8.8.8
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > PC2
```

```
Device Name: PC3
Device Model: PC-PT

Port           Link   IP Address        IPv6 Address      MAC Address
FastEthernet0  Up     192.168.1.3/24    <not set>         0007.EC97.438C
Bluetooth      Down   <not set>         <not set>         0001.63C9.28A7

Gateway: 192.168.1.1
DNS Server: 8.8.8.8
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > PC3
```

```
Device Name: Laptop
Device Model: Laptop-PT

Port           Link    IP Address      IPv6 Address                    MAC Address
FastEthernet0  Up      192.168.1.5/24  <not set>                       0090.21A7.1AB6
Bluetooth      Down    <not set>       <not set>                       00E0.F930.667B

Gateway: 192.168.1.1
DNS Server: 8.8.8.8
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > Laptop
```

```
Device Name: Client1
Device Model: PC-PT

Port           Link    IP Address      IPv6 Address                    MAC Address
FastEthernet0  Up      192.168.2.3/24  <not set>                       00E0.F7EC.7032
Bluetooth      Down    <not set>       <not set>                       0007.EC27.0C26

Gateway: 192.168.2.1
DNS Server: 8.8.8.8
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > Client1
```

```
Device Name: Client2
Device Model: Laptop-PT

Port           Link    IP Address      IPv6 Address                    MAC Address
FastEthernet0  Up      192.168.2.5/24  <not set>                       0001.429A.B57B
Bluetooth      Down    <not set>       <not set>                       00E0.B0CB.B00E

Gateway: 192.168.2.1
DNS Server: 8.8.8.8
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > Client2
```

```
Device Name: Printer
Device Model: Printer-PT

Port           Link    IP Address      IPv6 Address                    MAC Address
FastEthernet0  Up      192.168.2.4/24  <not set>                       0040.0B13.4102

Gateway: 192.168.2.1
DNS Server: 8.8.8.8
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > Printer
```

PC1 _ □ X

Physical   Config   Desktop   Programming   Attributes

Command Prompt   X

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.6

Pinging 192.168.1.6 with 32 bytes of data:

Reply from 192.168.1.6: bytes=32 time<1ms TTL=128
Reply from 192.168.1.6: bytes=32 time=1ms TTL=128
Reply from 192.168.1.6: bytes=32 time<1ms TTL=128
Reply from 192.168.1.6: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.1.6:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

Exécution du TD 4 exo4

1. Les démarchent sur TD 4 Exo 4


```
 1841
Server  Device Name: Server DHCP
        Device Model: 1841
        Hostname: R1

        Port            Link   VLAN   IP Address        IPv6 Address                    MAC Address
        FastEthernet0/0 Up     --     192.168.1.1/24    <not set>                       00D0.97A6.5401
        FastEthernet0/1 Up     --     192.168.2.1/24    <not set>                       00D0.97A6.5402
        Vlan1           Down   1      <not set>         <not set>                       0060.2FA6.799C

        Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Server DHCP
```
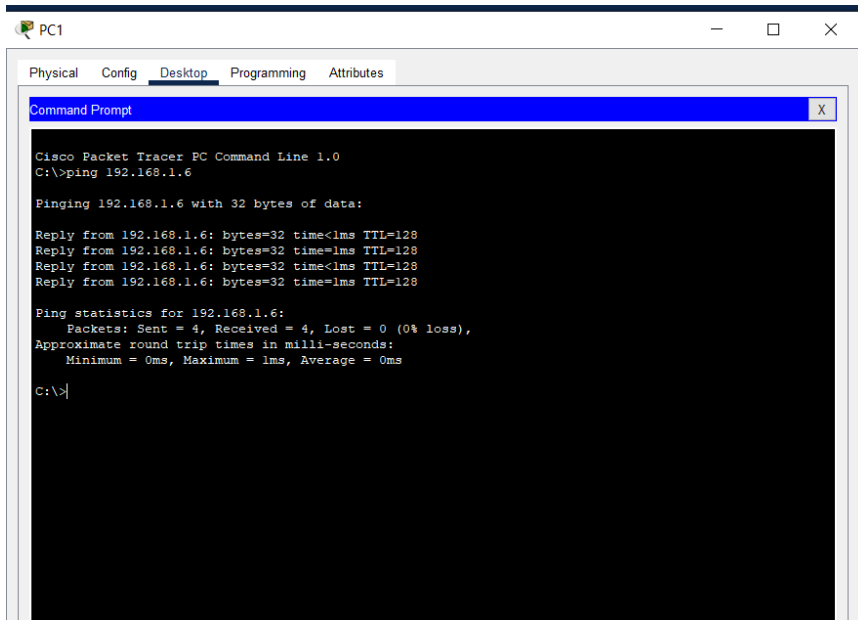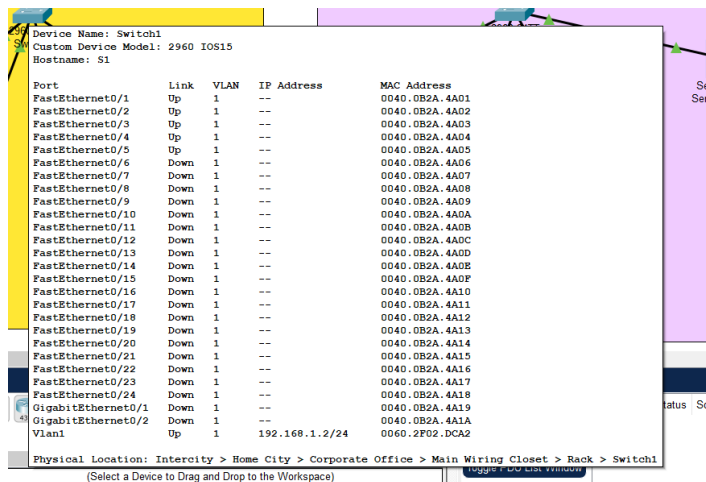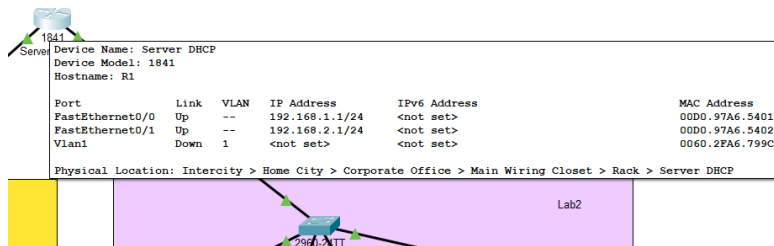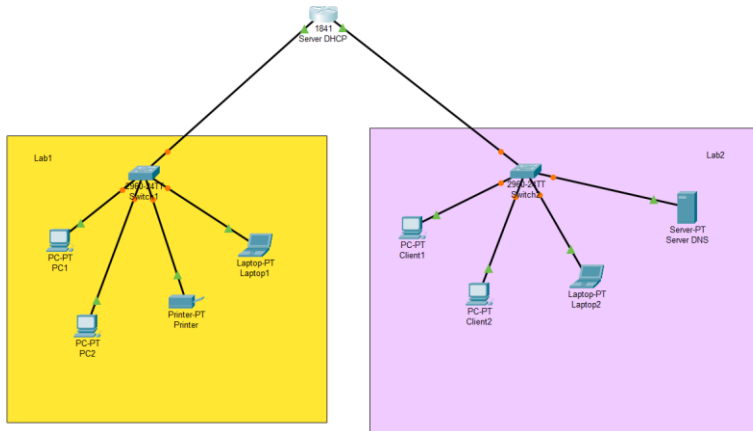
```
Device Name: Switch1
Custom Device Model: 2960 IOS15
Hostname: S1

Port            Link   VLAN   IP Address        MAC Address
FastEthernet0/1  Up     1     --                0040.0B2A.4A01
FastEthernet0/2  Up     1     --                0040.0B2A.4A02
FastEthernet0/3  Up     1     --                0040.0B2A.4A03
FastEthernet0/4  Up     1     --                0040.0B2A.4A04
FastEthernet0/5  Up     1     --                0040.0B2A.4A05
FastEthernet0/6  Down   1     --                0040.0B2A.4A06
FastEthernet0/7  Down   1     --                0040.0B2A.4A07
FastEthernet0/8  Down   1     --                0040.0B2A.4A08
FastEthernet0/9  Down   1     --                0040.0B2A.4A09
FastEthernet0/10 Down   1     --                0040.0B2A.4A0A
FastEthernet0/11 Down   1     --                0040.0B2A.4A0B
FastEthernet0/12 Down   1     --                0040.0B2A.4A0C
FastEthernet0/13 Down   1     --                0040.0B2A.4A0D
FastEthernet0/14 Down   1     --                0040.0B2A.4A0E
FastEthernet0/15 Down   1     --                0040.0B2A.4A0F
FastEthernet0/16 Down   1     --                0040.0B2A.4A10
FastEthernet0/17 Down   1     --                0040.0B2A.4A11
FastEthernet0/18 Down   1     --                0040.0B2A.4A12
FastEthernet0/19 Down   1     --                0040.0B2A.4A13
FastEthernet0/20 Down   1     --                0040.0B2A.4A14
FastEthernet0/21 Down   1     --                0040.0B2A.4A15
FastEthernet0/22 Down   1     --                0040.0B2A.4A16
FastEthernet0/23 Down   1     --                0040.0B2A.4A17
FastEthernet0/24 Down   1     --                0040.0B2A.4A18
GigabitEthernet0/1 Down  1    --                0040.0B2A.4A19
GigabitEthernet0/2 Down  1    --                0040.0B2A.4A1A
Vlan1            Up     1     192.168.1.2/24    0060.2F02.DCA2

Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Switch1
```

(Select a Device to Drag and Drop to the Workspace)

```
Device Name: Switch2
Custom Device Model: 2960 IOS15
Hostname: S2

Port                Link    VLAN   IP Address        MAC Address
FastEthernet0/1     Up      1      --                0030.A3C7.C701
FastEthernet0/2     Up      1      --                0030.A3C7.C702
FastEthernet0/3     Up      1      --                0030.A3C7.C703
FastEthernet0/4     Up      1      --                0030.A3C7.C704
FastEthernet0/5     Up      1      --                0030.A3C7.C705
FastEthernet0/6     Down    1      --                0030.A3C7.C706
FastEthernet0/7     Down    1      --                0030.A3C7.C707
FastEthernet0/8     Down    1      --                0030.A3C7.C708
FastEthernet0/9     Down    1      --                0030.A3C7.C709
FastEthernet0/10    Down    1      --                0030.A3C7.C70A
FastEthernet0/11    Down    1      --                0030.A3C7.C70B
FastEthernet0/12    Down    1      --                0030.A3C7.C70C
FastEthernet0/13    Down    1      --                0030.A3C7.C70D
FastEthernet0/14    Down    1      --                0030.A3C7.C70E
FastEthernet0/15    Down    1      --                0030.A3C7.C70F
FastEthernet0/16    Down    1      --                0030.A3C7.C710
FastEthernet0/17    Down    1      --                0030.A3C7.C711
FastEthernet0/18    Down    1      --                0030.A3C7.C712
FastEthernet0/19    Down    1      --                0030.A3C7.C713
FastEthernet0/20    Down    1      --                0030.A3C7.C714
FastEthernet0/21    Down    1      --                0030.A3C7.C715
FastEthernet0/22    Down    1      --                0030.A3C7.C716
FastEthernet0/23    Down    1      --                0030.A3C7.C717
FastEthernet0/24    Down    1      --                0030.A3C7.C718
GigabitEthernet0/1  Down    1      --                0030.A3C7.C719
GigabitEthernet0/2  Down    1      --                0030.A3C7.C71A
Vlan1               Up      1      192.168.2.2/24    0005.5EEB.227A

Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Switch2
```

```
Device Name: Server DNS
Device Model: Server-PT

Port            Link    IP Address          IPv6 Address                    MAC Address
FastEthernet0   Up      192.168.2.13/24     <not set>                       0001.43B0.E6BA

Gateway: 192.168.2.1
DNS Server: <not set>
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Server DNS
```

```
Device Name: Laptop2
Device Model: Laptop-PT

Port            Link    IP Address          IPv6 Address        MAC Address
FastEthernet0   Up      192.168.2.12/24     <not set>           0002.1742.438E
Bluetooth       Down    <not set>           <not set>           0002.166C.9798

Gateway: 192.168.2.1
DNS Server: 192.168.2.13
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > Laptop2
```
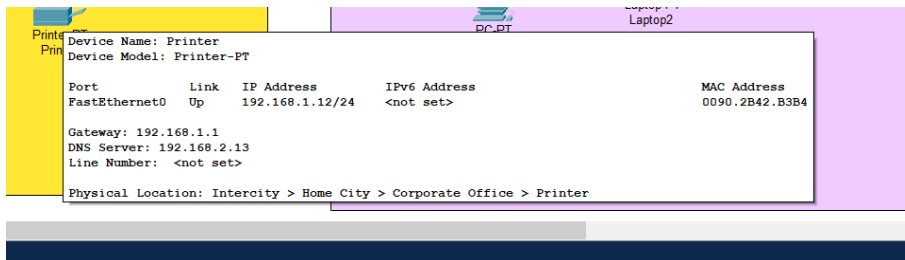
```
Device Name: Client2
Device Model: PC-PT

Port            Link    IP Address          IPv6 Address        MAC Address
FastEthernet0   Up      192.168.2.11/24     <not set>           0001.6335.945E
Bluetooth       Down    <not set>           <not set>           0001.C921.1E95

Gateway: 192.168.2.1
DNS Server: 192.168.2.13
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > Client2
```

Switch2

Server-PT

```
Device Name: Client1
Device Model: PC-PT

Port            Link    IP Address          IPv6 Address                        MAC Address
FastEthernet0   Up      192.168.2.10/24     <not set>                           00D0.FFC6.8352
Bluetooth       Down    <not set>           <not set>                           000C.85CD.4006

Gateway: 192.168.2.1
DNS Server: 192.168.2.13
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > Client1
```
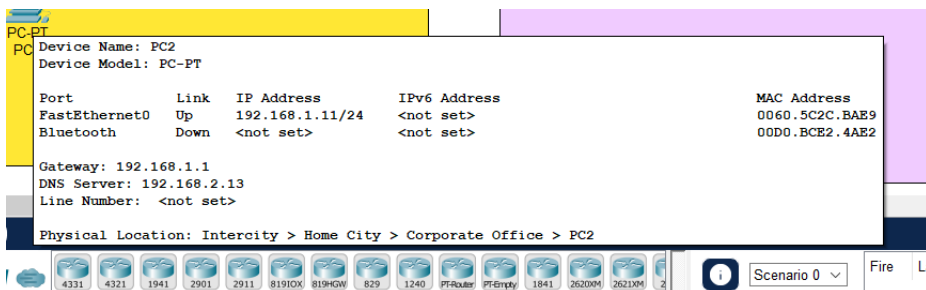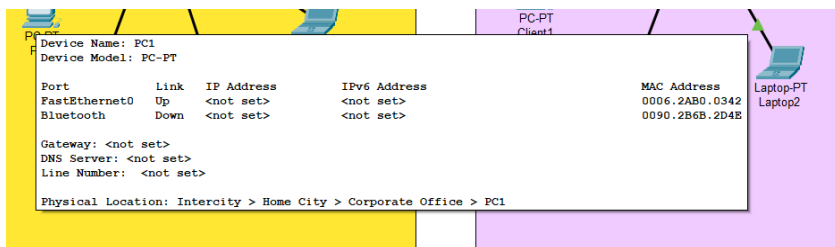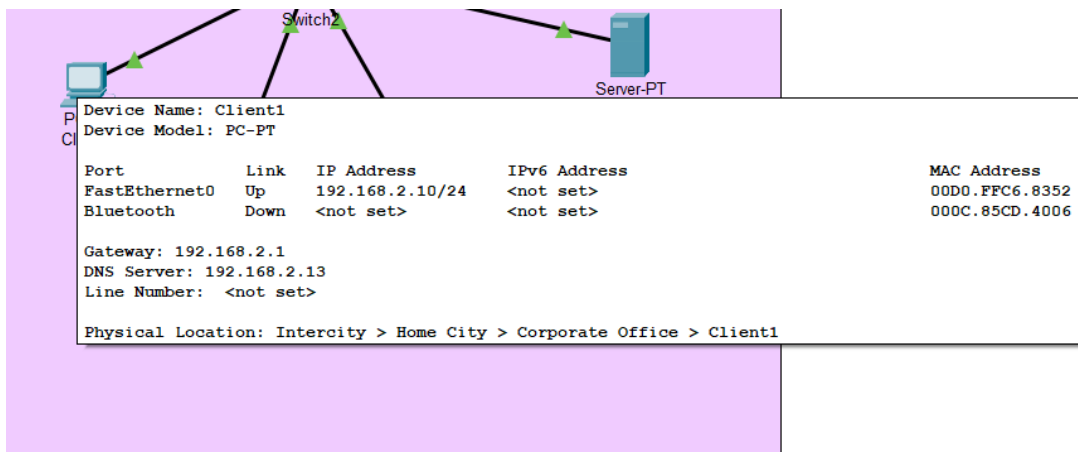
PC-PT
Client1

Laptop-PT
Laptop2

```
Device Name: PC1
Device Model: PC-PT

Port            Link    IP Address      IPv6 Address                MAC Address
FastEthernet0   Up      <not set>       <not set>                   0006.2AB0.0342
Bluetooth       Down    <not set>       <not set>                   0090.2B6B.2D4E

Gateway: <not set>
DNS Server: <not set>
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > PC1
```

PC-PT

```
Device Name: PC2
Device Model: PC-PT

Port            Link    IP Address          IPv6 Address            MAC Address
FastEthernet0   Up      192.168.1.11/24     <not set>               0060.5C2C.BAE9
Bluetooth       Down    <not set>           <not set>               00D0.BCE2.4AE2

Gateway: 192.168.1.1
DNS Server: 192.168.2.13
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > PC2
```

4331 4321 1941 2901 2911 819IOX 819HGW 829 1240 PT-Router PT-Empty 1841 2620XM 2621XM

Scenario 0   Fire   La

Laptop-PT
Laptop2
PC-PT

```
Device Name: Printer
Device Model: Printer-PT

Port            Link    IP Address          IPv6 Address                MAC Address
FastEthernet0   Up      192.168.1.12/24     <not set>                   0090.2B42.B3B4

Gateway: 192.168.1.1
DNS Server: 192.168.2.13
Line Number:  <not set>

Physical Location: Intercity > Home City > Corporate Office > Printer
```

Device Name: Laptop1
Device Model: Laptop-PT

Port   Link   IP Address   IPv6 Address   MAC Address
FastEthernet0 Up   192.168.1.13/24   <not set>   0002.4A21.C795
Bluetooth   Down   <not set>   <not set>   0060.5C46.5D55

Gateway: 192.168.1.1
DNS Server: 192.168.2.13
Line Number: <not set>

Physical Location: Intercity > Home City > Corporate Office > Laptop1

PC1

Physical | Config | Desktop | Programming | Attributes

IP Configuration   X

Interface   FastEthernet0

IP Configuration

○ DHCP   ● Static

IPv4 Address   192.168.1.5
Subnet Mask   255.255.255.0
Default Gateway   0.0.0.0
DNS Server   0.0.0.0

IPv6 Configuration

○ Automatic   ● Static

IPv6 Address   /
Link Local Address FE80::206:2AFF:FEB0:342
Default Gateway
DNS Server

802.1X

☐ Use 802.1X Security
Authentication   MD5
Username
Password

Delete

PC2

Physical | Config | Desktop | Programming | Attributes

Command Prompt   X

Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.1.5

Pinging 192.168.1.5 with 32 bytes of data:

Reply from 192.168.1.5: bytes=32 time<1ms TTL=128
Reply from 192.168.1.5: bytes=32 time=1ms TTL=128
Reply from 192.168.1.5: bytes=32 time<1ms TTL=128
Reply from 192.168.1.5: bytes=32 time=1ms TTL=128

Ping statistics for 192.168.1.5:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>

Conclusion

Ce TD me permet de comprendre comment faire la configuration des services DNS et DHCP dans un réseau simulé sur Cisco Packet Tracer et me faire comprendre comment faire la configuration d'un serveur DNS, mepermet de faire la configuration d'un serveur DHCP pour l'attribution automatique des adresses IP sans difficulté.