

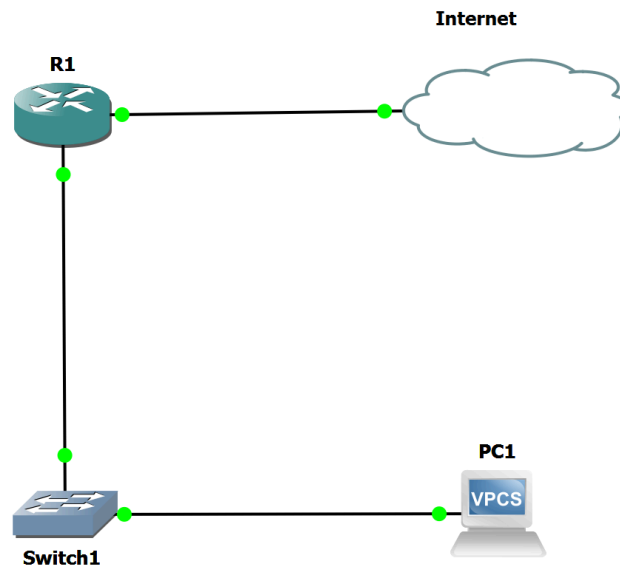
TD1.3

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|-------------------|----------|
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Annexe 1 :



```
PC1
ip 10.10.2.1
Checking for duplicate address...
PC1 : 10.10.2.1 255.255.255.0

PC1> save
Saving startup configuration to startup.vpc
. done

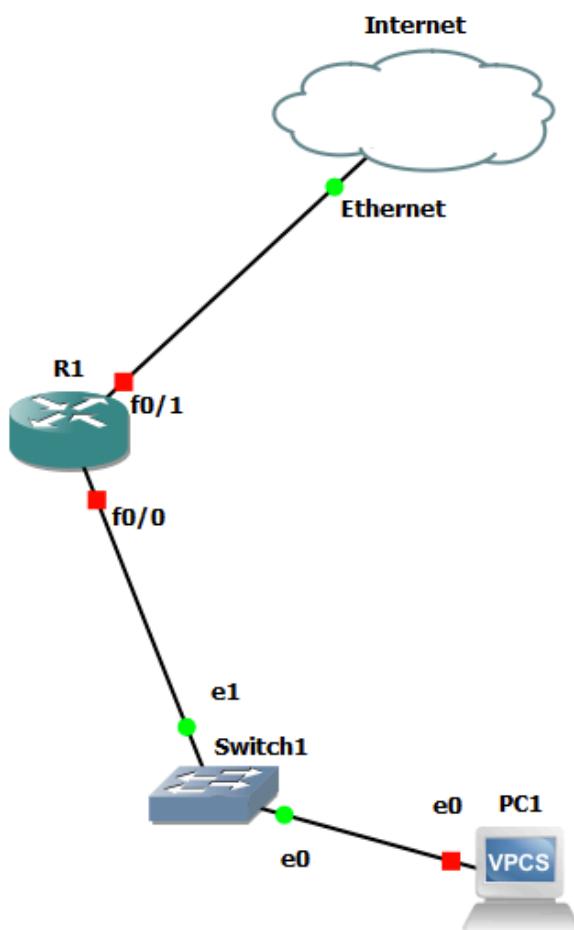
PC1> 
```

routeur:

```
R1#configure t
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#interface FastEthernet 0/1
R1(config-if)#ip address 192.168.1.254
% Incomplete command.

R1(config-if)#ip address 192.168.1.254 255.255.255.0
R1(config-if)#no shutdown
R1(config-if)#exit
R1(config)#
*Mar 1 00:08:51.263: %LINK-3-UPDOWN: Interface FastEthernet0/1, changed state to up
*Mar 1 00:08:52.263: %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up
R1(config)#interface FastEthernet0/0
R1(config-if)#ip address 10.10.2.254 255.255.255.0
R1(config-if)#no shutdown
R1(config-if)#exit
R1(config)#
*Mar 1 00:09:36.795: %LINK-3-UPDOWN: Interface FastEthernet0/0, changed state to up
*Mar 1 00:09:37.795: %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
R1(config)#
```

Annexe 3 :



```
R1#enable
R1#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#ip name-server 8.8.8.8
R1(config)#end
```

```
R1#
R1#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#interface FastEthernet0/0
R1(config-if)#no shutdown
R1(config-if)#
*Mar 1 00:04:34.567: %LINK-3-UPDOWN: Interface FastEthernet0/0, changed state to up
*Mar 1 00:04:35.567: %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up
R1(config-if)#end
R1#
*Mar 1 00:04:56.915: %SYS-5-CONFIG_I: Configured from console by console
R1#
```

```
R1#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#interface FastEthernet0/0
R1(config-if)#ip address 10.10.2.1 255.255.255.0
R1(config-if)#exit
R1(config)#exit
R1#
*Mar 1 00:09:46.719: %SYS-5-CONFIG_I: Configured from console by console
R1#
```

```
R1#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#interface FastEthernet0/1
R1(config-if)#no shutdown
R1(config-if)#end
*Mar 1 00:06:03.775: %LINK-3-UPDOWN: Interface FastEthernet0/1, changed state to up
*Mar 1 00:06:04.883: %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up
R1(config-if)#end
R1#
*Mar 1 00:06:07.811: %SYS-5-CONFIG_I: Configured from console by console
R1#
```

```
R1#show ip interface brief
Interface IP-Address OK? Method Status Protocol
FastEthernet0/0 unassigned YES unset up up
FastEthernet0/1 unassigned YES unset up up
FastEthernet1/0 unassigned YES unset administratively down down
FastEthernet2/0 unassigned YES unset administratively down down
FastEthernet3/0 unassigned YES unset administratively down down
FastEthernet4/0 unassigned YES unset administratively down down
FastEthernet5/0 unassigned YES unset administratively down down
FastEthernet6/0 unassigned YES unset administratively down down
R1#
```

```
R1#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#no ip domain lookup
R1(config)#end
R1#
*Mar 1 00:24:56.155: %SYS-5-CONFIG_I: Configured from console by console
R1#
```

Annexe 4 :

```
R1#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#ip dhcp excluded-address 10.10.2.1
R1(config)#ip dhcp pool mypool
R1(dhcp-config)#network 10.10.2.0 255.255.255.0
R1(dhcp-config)#default-router 10.10.2.1
R1(dhcp-config)#dns-server 8.8.8.8
R1(dhcp-config)#exit
R1(config)#interface FastEthernet0/0
R1(config-if)#ip address 10.10.2.1 255.255.255.0
R1(config-if)#ip helper-address 10.10.2.1
R1(config-if)#end
R1#
*Mar  1 00:37:32.275: %SYS-5-CONFIG_I: Configured from console by console
R1#
```

```
R1#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#interface FastEthernet0/0
R1(config-if)#ip address dhcp
R1(config-if)#no shutdown
R1(config-if)#exit
R1(config)#end
R1#
*Mar  1 00:41:49.575: %SYS-5-CONFIG_I: Configured from console by console
R1#
```

```
R1#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
R1(config)#interface FastEthernet 0/0
R1(config-if)#ip nat outside

*Mar  1 01:04:05.759: %LINEPROTO-5-UPDOWN: Line protocol on Interface NVI0, changed state to up
R1(config-if)#interface FastEthernet 0/1
R1(config-if)#ip nat inside
R1(config-if)#ip nat inside source list 1 interface FastEthernet 0/0 overload
R1(config)#access-list 1 permit 10.10.2.1 255.255.255
% Incomplete command.

R1(config)#access-list 1 permit 10.10.2.1 255.255.255.0
R1(config)#end
R1#wr
*Mar  1 01:06:48.411: %SYS-5-CONFIG_I: Configured from console by console
R1#write memory
Building configuration...
[OK]
```