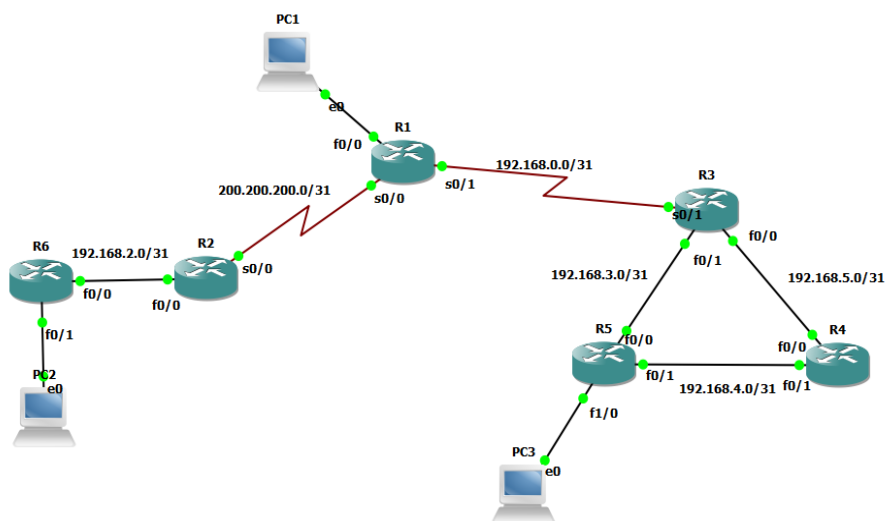


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Avant-Propos



E6 :

Elaboration de documents relatifs à la production et à la fourniture de services

A1.1.1 , Analyse du cahier des charges d'un service à produire

A1.2.4 , Détermination des tests nécessaires à la validation d'un service

A1.3.4 , Déploiement d'un service

A3.2.1 , Installation et configuration d'éléments d'infrastructure

A4.1.9 , Rédaction d'une documentation technique

Configuration des Loopbacks

R6 :

```
R6(config)#int loopback 0
R6(config-if)#ip a
*Mar 1 00:03:16.691: %LINEPROTO-5-UPDOWN: Line protocol on Interface Loopback0, changed state to up
R6(config-if)#ip address 2.2.2.2 255.255.255.255
```

R2 :

```
R2(config)#int loopback 0
R2(config-if)#
*Mar 1 00:03:28.911: %LINEPROTO-5-UPDOWN: Line protocol on Interface Loopback0, changed state to up
R2(config-if)#ip address
R2(config-if)#ip address 2.2.2.1 255.255.255.255
```

R1 :

```
R1(config)#int loopback 0
R1(config-if)#ip address
*Mar 1 00:03:50.879: %LINEPROTO-5-UPDOWN: Line protocol on Interface Loopback0, changed state to up
R1(config-if)#ip address 1.1.1.1 255.255.255.255
```

R3 :

```
R3(config)#int loopback 0
R3(config-if)#ip addr
*Mar 1 00:04:33.415: %LINEPROTO-5-UPDOWN: Line protocol on Interface Loopback0, changed state to up
R3(config-if)#ip address 3.3.3.1 255.255.255.255
```

R4 :

```
ldf(config)#int loopback 0
ldf(config-if)#3.3.3.
*Mar 1 00:04:40.411: %LINEPROTO-5-UPDOWN: Line protocol on Interface Loopback0, changed state to up
ldf(config-if)#ip address 3.3.3.3 255.255.255.255
```

R5 :

```
R5(config)#int loopback 0
R5(config-if)#
*Mar 1 00:05:01.363: %LINEPROTO-5-UPDOWN: Line protocol on Interface Loopback0, changed state to up
R5(config-if)#ip address 3.3.3.2 255.255.255.0
```

Configuration des interfaces

R6 :

```
R6(config)#int fastEthernet 0/1
R6(config-if)#ip address 10.0.1.254 255.255.255.0
R6(config-if)#no shut
```

```
R6(config)#int fastEthernet 0/0
R6(config-if)#ip address 192.168.2.1 255.255.255.254
% Warning: use /31 mask on non point-to-point interface cautiously
R6(config-if)#no shut
```

PC2 :

```
PC2> ip 10.0.1.1 255.255.255.0 10.0.1.254
Checking for duplicate address...
PC1 : 10.0.1.1 255.255.255.0 gateway 10.0.1.254
```

R2 :

```
R2(config)#int fastEthernet 0/0
R2(config-if)#ip address 192.168.2.2 255.255.255.254
% Warning: use /31 mask on non point-to-point interface cautiously
R2(config-if)#no shut
```

```
R2(config)#int serial 0/0
R2(config-if)#ip address 200.200.200.1 255.255.255.254
R2(config-if)#clock rate 128000
R2(config-if)#no shut
```

R1 :

```
R1(config)#int serial 0/0
R1(config-if)#ip address 200.200.200.2 255.255.255.254
R1(config-if)#clock rate 128000
R1(config-if)#no shut
```

```
R1(config)#int fastEthernet 0/0
R1(config-if)#ip address 10.0.0.254 255.255.255.0
R1(config-if)#no shut
```

```
R1(config)#int serial 0/1
R1(config-if)#ip address 192.168.0.1 255.255.255.254
R1(config-if)#clock rate 128000
R1(config-if)#no shut
```

PC1 :

```
PC1> ip 10.0.0.1 255.255.255.0 10.0.0.254
Checking for duplicate address...
PC1 : 10.0.0.1 255.255.255.0 gateway 10.0.0.254
```

R3 :

```
R3(config)#int serial 0/1
R3(config-if)#ip address 192.168.0.254 255.255.255.254
R3(config-if)#clock rate 128000
R3(config-if)#no shut
```

```
R3(config)#int fastEthernet 0/1
R3(config-if)#ip address 192.168.3.1 255.255.255.254
% Warning: use /31 mask on non point-to-point interface cautiously
R3(config-if)#no shut
```

```
R3(config)#int fastEthernet 0/0
R3(config-if)#ip address 192.168.5.1 255.255.255.254
% Warning: use /31 mask on non point-to-point interface cautiously
R3(config-if)#no shut
```

R4 :

```
ldf(config)#int fastEthernet 0/0
ldf(config-if)#ip address 192.168.5.2 255.255.255.254
% Warning: use /31 mask on non point-to-point interface cautiously
ldf(config-if)#no shut
```

```
ldf(config)#int fastEthernet 0/1
ldf(config-if)#ip address 192.168.4.1 255.255.255.254
% Warning: use /31 mask on non point-to-point interface cautiously
ldf(config-if)#shut
ldf(config-if)#no shut
```

R5 :

```
R5(config)#int fastEthernet 0/1
R5(config-if)#ip address 192.168.4.2 255.255.255.254
% Warning: use /31 mask on non point-to-point interface cautiously
R5(config-if)#no shut
```

```
R5(config)#int fastEthernet 0/0
R5(config-if)#ip address 192.168.3.2 255.255.255.254
% Warning: use /31 mask on non point-to-point interface cautiously
R5(config-if)#no shut
```

```
R5(config)#int fastEthernet 1/0
R5(config-if)#ip address 10.0.2.254 255.255.255.0
R5(config-if)#no shut
```

PC3 :

```
PC3> ip 10.0.2.1 255.255.255.0 10.0.2.254
Checking for duplicate address...
PC1 : 10.0.2.1 255.255.255.0 gateway 10.0.2.254
```

Configuration OSPF

R6 :

```
R6(config)#router ospf 100
R6(config-router)#network 10.0.1.0 0.0.0.255 area 2
R6(config-router)#network 192.168.2.0 0.0.0.1
% Incomplete command.
R6(config-router)#network 192.168.2.0 0.0.0.1 area 2
```

R2 :

```
R2(config)#router ospf 100
R2(config-router)#network 192.168.2.0 0.0.0.1 network area 2
^
% Invalid input detected at '^' marker.
R2(config-router)#network 192.168.2.0 0.0.0.1 area 2
R2(config-router)#network 200.200.200.0 0.0.0.1 area 0
```

R1 :

```
R1(config)#router ospf 100
R1(config-router)#network 200.200.200.0 0.0.0.1 area 0
R1(config-router)#network 10.0.0.0 0.0.0.255 area 0
R1(config-router)#network 192.168.0.0 0.0.0.1 area 0
```

R3 :

```
R3(config)#router ospf 100
R3(config-router)#network 192.168.0.0 0.0.0.1 area 0
R3(config-router)#network 192.168.3.0 0.0.0.1 area 1
R3(config-router)#network 192.168.5.0 0.0.0.1 area 1
```

R5 :

```
R5(config)#router ospf 100
R5(config-router)#network 192.168.3.0 0.0.0.1 area 1
R5(config-router)#network 10.0.2.0 0.0.0.255 area 1
R5(config-router)#network 192.168.4.0 0.0.0.1 area 1
```

R4 :

```
ldf(config)#router ospf 100
ldf(config-router)#network 192.168.4.0 0.0.0.1 area 1
ldf(config-router)#network 192.168.5.0 0.0.0.1 area 1
```