Devoir Maison 2 TP Réseaux

NOM : MESSILI
PRÉNOM : Islem
Matricule : 181832024108
SECTION : L3 ACAD C

1. Configuration de Routage Statique au niveau de tous les Routeurs de la Topologie, sur Packet Tracer

2.Les commandes relatives à la configuration du Routage Statique :

Routeur 0 :

Router>enable
Router#configure terminal
Router(config)#ip route 149.77.16.96 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.16.128 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.16.160 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.16.192 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.16.224 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.17.0 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.17.32 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.17.64 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.17.96 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.17.128 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.17.160 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.17.192 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.17.244 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.18.0 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.18.32 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.18.64 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.18.96 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.18.128 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.18.160 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.18.192 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.18.244 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.19.0 255.255.255.224 149.77.16.93
Router(config)#ip route 149.77.19.32 255.255.255.224 149.77.16.93

Routeur 1 :

```
Router>enable
Router#configure terminal
Router(config)#ip route 149.77.16.0 255.255.255.224 149.77.16.94
Router(config)#ip route 149.77.16.32 255.255.255.224 149.77.16.94
Router(config)#ip route 149.77.16.224 255.255.255.224 149.77.18.125
Router(config)#ip route 149.77.17.0 255.255.255.224 149.77.18.125
Router(config)#ip route 149.77.17.32 255.255.255.224 149.77.18.125
Router(config)#ip route 149.77.17.64 255.255.255.224 149.77.18.125
Router(config)#ip route 149.77.17.96 255.255.255.224 149.77.18.125
Router(config)#ip route 149.77.17.128 255.255.255.224 149.77.18.125
Router(config)#ip route 149.77.17.160 255.255.255.224 149.77.18.125
Router(config)#ip route 149.77.17.192 255.255.255.224 149.77.18.125
Router(config)#ip route 149.77.17.244 255.255.255.224 149.77.18.125
Router(config)#ip route 149.77.18.0 255.255.255.224 149.77.18.125
Router(config)#ip route 149.77.18.32 255.255.255.224 149.77.18.125
Router(config)#ip route 149.77.18.64 255.255.255.224 149.77.18.125
Router(config)#ip route 149.77.18.128 255.255.255.224 149.77.18.125
Router(config)#ip route 149.77.18.160 255.255.255.224 149.77.18.125
Router(config)#ip route 149.77.18.192 255.255.255.224 149.77.18.125
Router(config)#ip route 149.77.18.244 255.255.255.224 149.77.18.125
Router(config)#ip route 149.77.19.0 255.255.255.224 149.77.18.125
Router(config)#ip route 149.77.19.32 255.255.255.224 149.77.18.125
```

Routeur 2:

```
Router>enable
Router#configure terminal
Router(config)#ip route 149.77.16.0 255.255.255.224 149.77.18.126
Router(config)#ip route 149.77.16.32 255.255.255.224 149.77.18.126
Router(config)#ip route 149.77.16.64 255.255.255.224 149.77.18.126
Router(config)#ip route 149.77.16.96 255.255.255.224 149.77.18.126
Router(config)#ip route 149.77.16.128 255.255.255.224 149.77.18.126
Router(config)#ip route 149.77.16.160 255.255.255.224 149.77.18.126
Router(config)#ip route 149.77.16.192 255.255.255.224 149.77.18.126
Router(config)#ip route 149.77.16.224 255.255.255.224 149.77.18.157
Router(config)#ip route 149.77.17.0 255.255.255.224 149.77.18.157
Router(config)#ip route 149.77.17.32 255.255.255.224 149.77.18.157
Router(config)#ip route 149.77.17.64 255.255.255.224 149.77.18.157
Router(config)#ip route 149.77.17.96 255.255.255.224 149.77.18.157
Router(config)#ip route 149.77.17.128 255.255.255.224 149.77.18.157
Router(config)#ip route 149.77.17.160 255.255.255.224 149.77.18.157
Router(config)#ip route 149.77.17.192 255.255.255.224 149.77.18.157
Router(config)#ip route 149.77.18.160 255.255.255.224 149.77.18.157
Router(config)#ip route 149.77.18.192 255.255.255.224 149.77.18.157
Router(config)#ip route 149.77.18.244 255.255.255.224 149.77.18.157
Router(config)#ip route 149.77.19.0 255.255.255.224 149.77.18.157
Router(config)#ip route 149.77.19.32 255.255.255.224 149.77.18.157
Router(config)#ip route 149.77.18.0 255.255.255.224 149.77.17.253
Router(config)#ip route 149.77.18.32 255.255.255.224 149.77.17.253
Router(config)#ip route 149.77.18.64 255.255.255.224 149.77.17.253
```

Router>enable
Router#configure terminal
Router(config)#ip route 149.77.16.0 255.255.255.224 149.77.18.158
Router(config)#ip route 149.77.16.32 255.255.255.224 149.77.18.158
Router(config)#ip route 149.77.16.64 255.255.255.224 149.77.18.158
Router(config)#ip route 149.77.16.96 255.255.255.224 149.77.18.158
Router(config)#ip route 149.77.16.128 255.255.255.224 149.77.18.158
Router(config)#ip route 149.77.16.160 255.255.255.224 149.77.18.158
Router(config)#ip route 149.77.16.192 255.255.255.224 149.77.18.158
Router(config)#ip route 149.77.17.32 255.255.255.224 149.77.18.189
Router(config)#ip route 149.77.17.64 255.255.255.224 149.77.18.189
Router(config)#ip route 149.77.17.96 255.255.255.224 149.77.18.189
Router(config)#ip route 149.77.17.128 255.255.255.224 149.77.18.189
Router(config)#ip route 149.77.17.160 255.255.255.224 149.77.18.189
Router(config)#ip route 149.77.17.192 255.255.255.224 149.77.18.189
Router(config)#ip route 149.77.17.224 255.255.255.224 149.77.18.189
Router(config)#ip route 149.77.18.0 255.255.255.224 149.77.18.189
Router(config)#ip route 149.77.18.32 255.255.255.224 149.77.18.189
Router(config)#ip route 149.77.18.64 255.255.255.224 149.77.18.189
Router(config)#ip route 149.77.18.192 255.255.255.224 149.77.18.189
Router(config)#ip route 149.77.18.244 255.255.255.224 149.77.18.189
Router(config)#ip route 149.77.19.0 255.255.255.224 149.77.18.189
Router(config)#ip route 149.77.19.32 255.255.255.224 149.77.18.189

Router>enable
Router#configure terminal
Router(config)#ip route 149.77.16.0 255.255.255.224 149.77.18.190
Router(config)#ip route 149.77.16.32 255.255.255.224 149.77.18.190
Router(config)#ip route 149.77.16.64 255.255.255.224 149.77.18.190
Router(config)#ip route 149.77.16.96 255.255.255.224 149.77.18.190
Router(config)#ip route 149.77.16.128 255.255.255.224 149.77.18.190
Router(config)#ip route 149.77.16.160 255.255.255.224 149.77.18.190
Router(config)#ip route 149.77.16.192 255.255.255.224 149.77.18.190
Router(config)#ip route 149.77.16.224 255.255.255.224 149.77.18.190
Router(config)#ip route 149.77.17.0 255.255.255.224 149.77.18.190
Router(config)#ip route 149.77.18.96 255.255.255.224 149.77.18.190
Router(config)#ip route 149.77.18.128 255.255.255.224 149.77.18.190
Router(config)#ip route 149.77.17.32 255.255.255.224 149.77.17.252
Router(config)#ip route 149.77.17.64 255.255.255.224 149.77.17.252
Router(config)#ip route 149.77.17.96 255.255.255.224 149.77.17.252
Router(config)#ip route 149.77.17.128 255.255.255.224 149.77.17.252
Router(config)#ip route 149.77.17.160 255.255.255.224 149.77.17.252
Router(config)#ip route 149.77.17.192 255.255.255.224 149.77.17.252
Router(config)#ip route 149.77.18.192 255.255.255.224 149.77.17.252
Router(config)#ip route 149.77.18.244 255.255.255.224 149.77.17.252
Router(config)#ip route 149.77.19.0 255.255.255.224 149.77.17.252
Router(config)#ip route 149.77.19.32 255.255.255.224 149.77.17.252

Router>enable
Router#configure terminal
Router(config)#ip route 149.77.16.0 255.255.255.224 149.77.18.94
Router(config)#ip route 149.77.16.32 255.255.255.224 149.77.18.94
Router(config)#ip route 149.77.16.64 255.255.255.224 149.77.18.94
Router(config)#ip route 149.77.16.96 255.255.255.224 149.77.18.94
Router(config)#ip route 149.77.16.128 255.255.255.224 149.77.18.94
Router(config)#ip route 149.77.16.160 255.255.255.224 149.77.18.94
Router(config)#ip route 149.77.16.192 255.255.255.224 149.77.18.94
Router(config)#ip route 149.77.16.224 255.255.255.224 149.77.18.94
Router(config)#ip route 149.77.17.0 255.255.255.224 149.77.18.94
Router(config)#ip route 149.77.18.0 255.255.255.224 149.77.18.94
Router(config)#ip route 149.77.18.32 255.255.255.224 149.77.18.94
Router(config)#ip route 149.77.18.96 255.255.255.224 149.77.18.94
Router(config)#ip route 149.77.18.128 255.255.255.224 149.77.18.94
Router(config)#ip route 149.77.18.160 255.255.255.224 149.77.18.94
Router(config)#ip route 149.77.17.96 255.255.255.224 149.77.17.61
Router(config)#ip route 149.77.17.128 255.255.255.224 149.77.17.61
Router(config)#ip route 149.77.17.160 255.255.255.224 149.77.17.61
Router(config)#ip route 149.77.17.192 255.255.255.224 149.77.17.61
Router(config)#ip route 149.77.18.192 255.255.255.224 149.77.17.61
Router(config)#ip route 149.77.18.244 255.255.255.224 149.77.17.61
Router(config)#ip route 149.77.19.0 255.255.255.224 149.77.17.61
Router(config)#ip route 149.77.19.32 255.255.255.224 149.77.17.61

Router>enable
Router#configure terminal
Router(config)#ip route 149.77.16.0 255.255.255.224 149.77.18.222
Router(config)#ip route 149.77.16.32 255.255.255.224 149.77.18.222
Router(config)#ip route 149.77.16.64 255.255.255.224 149.77.18.222
Router(config)#ip route 149.77.16.96 255.255.255.224 149.77.18.222
Router(config)#ip route 149.77.16.128 255.255.255.224 149.77.18.222
Router(config)#ip route 149.77.16.160 255.255.255.224 149.77.18.222
Router(config)#ip route 149.77.16.192 255.255.255.224 149.77.18.222
Router(config)#ip route 149.77.16.224 255.255.255.224 149.77.18.222
Router(config)#ip route 149.77.17.0 255.255.255.224 149.77.18.222
Router(config)#ip route 149.77.17.32 255.255.255.224 149.77.18.222
Router(config)#ip route 149.77.17.64 255.255.255.224 149.77.18.222
Router(config)#ip route 149.77.17.224 255.255.255.224 149.77.18.222
Router(config)#ip route 149.77.18.0 255.255.255.224 149.77.18.222
Router(config)#ip route 149.77.18.32 255.255.255.224 149.77.18.222
Router(config)#ip route 149.77.18.64 255.255.255.224 149.77.18.222
Router(config)#ip route 149.77.18.96 255.255.255.224 149.77.18.222
Router(config)#ip route 149.77.18.128 255.255.255.224 149.77.18.222
Router(config)#ip route 149.77.18.160 255.255.255.224 149.77.18.222
Router(config)#ip route 149.77.19.32 255.255.255.224 149.77.18.222
Router(config)#ip route 149.77.17.96 255.255.255.224 149.77.18.253
Router(config)#ip route 149.77.17.192 255.255.255.224 149.77.18.253
Router(config)#ip route 149.77.18.64 255.255.255.224 149.77.18.253

Router>enable
Router#configure terminal
Router(config)#ip route 149.77.16.0 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.16.32 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.16.64 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.16.96 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.16.128 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.16.160 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.16.192 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.16.224 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.17.0 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.17.32 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.17.64 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.17.96 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.17.224 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.18.0 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.18.32 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.18.64 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.18.96 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.18.128 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.18.160 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.18.192 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.19.32 255.255.255.224 149.77.19.30
Router(config)#ip route 149.77.17.128 255.255.255.224 149.77.18.254
Router(config)#ip route 149.77.17.160 255.255.255.224 149.77.18.254

Router>enable
Router#configure terminal
Router(config)#ip route 149.77.16.0 255.255.255.224 149.77.17.62
Router(config)#ip route 149.77.16.32 255.255.255.224 149.77.17.62
Router(config)#ip route 149.77.16.64 255.255.255.224 149.77.17.62
Router(config)#ip route 149.77.16.96 255.255.255.224 149.77.17.62
Router(config)#ip route 149.77.16.128 255.255.255.224 149.77.17.62
Router(config)#ip route 149.77.16.160 255.255.255.224 149.77.17.62
Router(config)#ip route 149.77.16.192 255.255.255.224 149.77.17.62
Router(config)#ip route 149.77.16.224 255.255.255.224 149.77.17.62
Router(config)#ip route 149.77.17.0 255.255.255.224 149.77.17.62
Router(config)#ip route 149.77.17.64 255.255.255.224 149.77.17.62
Router(config)#ip route 149.77.17.224 255.255.255.224 149.77.17.62
Router(config)#ip route 149.77.18.0 255.255.255.224 149.77.17.62
Router(config)#ip route 149.77.18.32 255.255.255.224 149.77.17.62
Router(config)#ip route 149.77.18.64 255.255.255.224 149.77.17.62
Router(config)#ip route 149.77.18.96 255.255.255.224 149.77.17.62
Router(config)#ip route 149.77.18.128 255.255.255.224 149.77.17.62
Router(config)#ip route 149.77.18.160 255.255.255.224 149.77.17.62
Router(config)#ip route 149.77.17.96 255.255.255.224 149.77.19.61
Router(config)#ip route 149.77.17.192 255.255.255.224 149.77.19.61
Router(config)#ip route 149.77.18.224 255.255.255.224 149.77.19.61
Router(config)#ip route 149.77.19.0 255.255.255.224 149.77.19.61
Router(config)#ip route 149.77.17.128 255.255.255.224 149.77.18.221
Router(config)#ip route 149.77.17.160 255.255.255.224 149.77.18.221

Router>enable
Router#configure terminal
Router(config)#ip route 149.77.16.0 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.16.32 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.16.64 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.16.96 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.16.128 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.16.160 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.16.192 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.16.224 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.17.0 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.17.32 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.17.64 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.17.96 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.17.128 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.17.160 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.17.224 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.18.0 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.18.32 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.18.64 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.18.96 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.18.128 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.18.160 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.18.192 255.255.255.224 149.77.19.62
Router(config)#ip route 149.77.17.192 255.255.255.224 149.77.19.29
Router(config)#ip route 149.77.18.224 255.255.255.224 149.77.19.29

4. Tables :

- Tables ARP des 10 Routeurs :

@IP PC0
@IP PC1
@IP PC2
@IP PC3
@IP PC4
@IP PC5
@IP PC29
@IP fa0/0
@IP fa6/0
@IP fa1/0
@IP fa0/0(routeur1)

Routeur 1

@IP PC15
@IP PC18
@IP PC19
@IP PC3
@IP PC4
@IP PC5
@IP PC6
@IP PC7
@IP PC8
@IP PC9
@IP fa1/0
@IP fa0/0
@IP fa6/0
@IP fa7/0
@IP fa8/0
@IP fa1/0(routeur0)
@IP se2/0
@IP se2/0(routeur2)

Routeur 2

@IP PC10
@IP PC28
@IP PC11
@IP PC12
@IP PC13
@IP PC14
@IP PC20
@IP PC21
@IP PC30
@IP se2/0
@IP se2/0(routeur1)
@IP se3/0
@IP se2/0(routeur1)
@IP fa0/0(routeur4)
@IP fa1/0(routeur4)
@IP fa6/0(routeur4)
@IP fa7/0(routeur4)
@IP fa7/0(routeur5)
@IP fa6/0(routeur5)

Routeur 3

@IP PC16
@IP PC17
@IP se2/0
@IP se3/0(routeur2)
@IP se3/0
@IP se2/0(routeur7)
@IP fa0/0
@IP fa1/0

Routeur 4

@IP PC10
@IP PC28
@IP PC11
@IP PC12
@IP PC13
@IP PC14
@IP PC20
@IP PC21
@IP PC30
@IP se2/0
@IP se3/0(routeur1)
@IP fa0/0
@IP fa1/0
@IP fa6/0
@IP fa7/0
@IP fa0/0(routeur2)
@IP fa7/0(routeur5)
@IP fa6/0(routeur5)

Routeur 5

@IP PC24
@IP PC10
@IP PC28
@IP PC11
@IP PC12
@IP PC13
@IP PC14
@IP PC20
@IP PC21
@IP PC30
@IP fa0/0
@IP fa1/0
@IP fa7/0
@IP fa6/0
@IP fa0/0(routeur8)
@IP fa0/0(routeur4)
@IP fa1/0(routeur4)
@IP fa6/0(routeur4)
@IP fa7/0(routeur4)
@IP fa0/0(routeur2)

Routeur 6

@IP PC26
@IP PC22
@IP se2/0
@IP se2/0(routeur8)
@IP se3/0
@IP se3/0(routeur7)
@IP fa0/0

@IP fa1/0

Routeur 7

@IP PC27
@IP se2/0
@IP se2/0(routeur9)
@IP se3/0
@IP se3/0(routeur6)
@IP fa0/0

Routeur 8

@IP PC24
@IP se2/0
@IP se2/0(routeur6)
@IP se3/0
@IP se3/0(routeur9)
@IP fa0/0(routeur5)
@IP fa0/0(routeur5)

Routeur 9

@IP PC23
@IP se2/0
@IP se2/0(routeur7)
@IP se3/0
@IP se3/0(routeur8)
@IP fa0/0

- Tables ARP des 31 Pcs :

PC0 == @IP PC(1,2),@IP fa0/0(routeur0)
PC1 == @IP PC(0,2),@IP fa0/0(routeur0)
PC2 == @IP PC(0,1),@IP fa0/0(routeur0)
PC3 == @IP PC(4,5),@IP fa1/0(routeur0),@IP fa0/0(routeur1)
PC4 == @IP PC(3,5),@IP fa1/0(routeur0),@IP fa0/0(routeur1)
PC5 == @IP PC(3,4),@IP fa1/0(routeur0),@IP fa0/0(routeur1)
PC6 == @IP PC(7,8,9),@IP fa1/0(routeur1)
PC7 == @IP PC(6,8,9),@IP fa1/0(routeur1)
PC8 == @IP PC(6,7,9),@IP fa1/0(routeur1)
PC9 == @IP PC(6,7,8),@IP fa1/0(routeur1)
PC10 == @IP PC(21,30),@IP fa0/0(routeur2),@IP fa0/0(routeur4),@IP fa7/0(routeur5)
PC11 == @IP PC(12),@IP fa1/0(routeur4)
PC12 == @IP PC(11),@IP fa1/0(routeur4)
PC13 == @IP PC(20),@IP fa6/0(routeur4),@IP fa6/0(routeur4)
PC14 == @IP PC(28),@IP fa7/0(routeur4)
PC15 == @IP fa7/0(routeur1)
PC16 == @IP fa1/0(routeur3)
PC17 == @IP fa0/0(routeur3)
PC18 == @IP fa6/0(routeur1)
PC19 == @IP fa8/0(routeur1)

PC20 == @IP PC(13),@IP fa6/0(routeur4),@IP fa6/0(routeur4)
PC21 == @IP PC(10,30),@IP fa0/0(routeur2),@IP fa0/0(routeur4),@IP fa7/0(routeur5)
PC22 == @IP fa0/0(routeur6)
PC23 == @IP fa0/0(routeur9)
PC24 == @IP fa0/0(routeur8),@IP fa0/0(routeur5)
PC25 == @IP fa1/0(routeur5)
PC26 == @IP fa1/0(routeur6)
PC27 == @IP fa0/0(routeur7)
PC28 == @IP PC(14),@IP fa7/0(routeur4)
PC29 == @IP fa6/0(routeur0)
PC30 == @IP PC(10,21),@IP fa0/0(routeur2),@IP fa0/0(routeur4),@IP fa7/0(routeur5)

- Tables de Routage de 10 Routeurs :

		routeur0	routeur1	routeur2	routeur3	routeur4
SR	*@IP SR Décimal*	*Interface*	*Interface*	*Interface*	*Interface*	*Interface*
01	*149.77.16.0*	*direct*	*149.77.16.94*	*149.77.18.126*	*149.77.18.158*	*149.77.18.190*
02	*149.77.16.32*	*direct*	*149.77.16.94*	*149.77.18.126*	*149.77.18.158*	*149.77.18.190*
03	*149.77.16.64*	*direct*	*direct*	*149.77.18.126*	*149.77.18.158*	*149.77.18.190*
04	*149.77.16.96*	*149.77.16.93*	*direct*	*149.77.18.126*	*149.77.18.158*	*149.77.18.190*
05	*149.77.16.128*	*149.77.16.93*	*direct*	*149.77.18.126*	*149.77.18.158*	*149.77.18.190*
06	*149.77.16.160*	*149.77.16.93*	*direct*	*149.77.18.126*	*149.77.18.158*	*149.77.18.190*
07	*149.77.16.192*	*149.77.16.93*	*direct*	*149.77.18.126*	*149.77.18.158*	*149.77.18.190*
08	*149.77.16.224*	*149.77.16.93*	*149.77.18.125*	*149.77.18.157*	*direct*	*149.77.18.190*
09	*149.77.17.0*	*149.77.16.93*	*149.77.18.125*	*149.77.18.157*	*direct*	*149.77.18.190*
10	*149.77.17.32*	*149.77.16.93*	*149.77.18.125*	*149.77.18.157*	*149.77.18.189*	*149.77.17.252*
11	*149.77.17.64*	*149.77.16.93*	*149.77.18.125*	*149.77.18.157*	*149.77.18.189*	*149.77.17.252*
12	*149.77.17.96*	*149.77.16.93*	*149.77.18.125*	*149.77.18.157*	*149.77.18.189*	*149.77.17.252*
13	*149.77.17.128*	*149.77.16.93*	*149.77.18.125*	*149.77.18.157*	*149.77.18.189*	*149.77.17.252*
14	*149.77.17.160*	*149.77.16.93*	*149.77.18.125*	*149.77.18.157*	*149.77.18.189*	*149.77.17.252*
15	*149.77.17.192*	*149.77.16.93*	*149.77.18.125*	*149.77.18.157*	*149.77.18.189*	*149.77.17.252*
16	*149.77.17.224*	*149.77.16.93*	*149.77.18.125*	*direct*	*149.77.18.189*	*direct*
17	*149.77.18.0*	*149.77.16.93*	*149.77.18.125*	*149.77.17.253*	*149.77.18.189*	*direct*
18	*149.77.18.32*	*149.77.16.93*	*149.77.18.125*	*149.77.17.253*	*149.77.18.189*	*direct*
19	*149.77.18.64*	*149.77.16.93*	*149.77.18.125*	*149.77.17.253*	*149.77.18.189*	*direct*
20	*149.77.18.96*	*149.77.16.93*	*direct*	*direct*	*149.77.18.189*	*149.77.18.190*
21	*149.77.18.128*	*149.77.16.93*	*149.77.18.125*	*direct*	*direct*	*149.77.18.190*
22	*149.77.18.160*	*149.77.16.93*	*149.77.18.125*	*149.77.18.157*	*direct*	*direct*

23	149.77.18.192	149.77.16.93	149.77.18.125	149.77.18.157	149.77.18.189	149.77.17.252
24	149.77.18.224	149.77.16.93	149.77.18.125	149.77.18.157	149.77.18.189	149.77.17.252
25	149.77.19.0	149.77.16.93	149.77.18.125	149.77.18.157	149.77.18.189	149.77.17.252
26	149.77.19.32	149.77.16.93	149.77.18.125	149.77.18.157	149.77.18.189	149.77.17.252

		routeur5	routeur6	routeur7	routeur8	routeur9
SR	@IP SR Décimal	Interface	Interface	Interface	Interface	Interface
01	149.77.16.0	149.77.18.94	149.77.18.222	149.77.19.30	149.77.17.62	149.77.19.62
02	149.77.16.32	149.77.18.94	149.77.18.222	149.77.19.30	149.77.17.62	149.77.19.62
03	149.77.16.64	149.77.18.94	149.77.18.222	149.77.19.30	149.77.17.62	149.77.19.62
04	149.77.16.96	149.77.18.94	149.77.18.222	149.77.19.30	149.77.17.62	149.77.19.62
05	149.77.16.128	149.77.18.94	149.77.18.222	149.77.19.30	149.77.17.62	149.77.19.62
06	149.77.16.160	149.77.18.94	149.77.18.222	149.77.19.30	149.77.17.62	149.77.19.62
07	149.77.16.192	149.77.18.94	149.77.18.222	149.77.19.30	149.77.17.62	149.77.19.62
08	149.77.16.224	149.77.18.94	149.77.18.222	149.77.19.30	149.77.17.62	149.77.19.62
09	149.77.17.0	149.77.18.94	149.77.18.222	149.77.19.30	149.77.17.62	149.77.19.62
10	149.77.17.32	direct	149.77.18.222	149.77.19.30	direct	149.77.19.62
11	149.77.17.64	direct	149.77.18.222	149.77.19.30	149.77.17.62	149.77.19.62
12	149.77.17.96	149.77.17.61	149.77.18.253	149.77.19.30	149.77.19.61	direct
13	149.77.17.128	149.77.17.61	direct	149.77.18.254	149.77.19.61	149.77.19.62
14	149.77.17.160	149.77.17.61	direct	149.77.18.254	149.77.19.61	149.77.19.62
15	149.77.17.192	149.77.17.61	149.77.18.253	direct	149.77.19.61	149.77.19.29
16	149.77.17.224	direct	149.77.18.222	149.77.19.30	149.77.17.62	149.77.19.62
17	149.77.18.0	149.77.18.94	149.77.18.222	149.77.19.30	149.77.17.62	149.77.19.62
18	149.77.18.32	149.77.18.94	149.77.18.222	149.77.19.30	149.77.17.62	149.77.19.62
19	149.77.18.64	direct	149.77.18.253	149.77.19.30	149.77.17.62	149.77.19.62
20	149.77.18.96	149.77.18.94	149.77.18.222	149.77.19.30	149.77.17.62	149.77.19.62
21	149.77.18.128	149.77.18.94	149.77.18.222	149.77.19.30	149.77.17.62	149.77.19.62
22	149.77.18.160	149.77.18.94	149.77.18.222	149.77.19.30	149.77.17.62	149.77.19.62
23	149.77.18.192	149.77.17.61	direct	149.77.19.30	direct	149.77.19.62
24	149.77.18.224	149.77.17.61	direct	direct	149.77.19.61	149.77.19.29
25	149.77.19.0	149.77.17.61	149.77.18.222	direct	149.77.19.61	direct

| 26 | 149.77.19.32 | 149.77.17.61 | 149.77.18.222 | 149.77.19.30 | direct | direct |

- Tables MAC des 10 Commutateurs :

Commutateur 1 :

      @ADRMAC PC0
      @ADRMAC PC1
      @ADRMAC PC2
      @ADRMAC routeur0 fa0/16

Commutateur 2 :

      @ADRMAC PC3
      @ADRMAC PC4
      @ADRMAC PC5
      @ADRMAC routeur0 fa0/1
      @ADRMAC routeur1 fa0/2

Commutateur 3 :

      @ADRMAC PC6
      @ADRMAC PC7
      @ADRMAC PC8
      @ADRMAC PC9
      @ADRMAC switch3 fa0/1
      @ADRMAC routeur1 fa1/0

Commutateur 4 :

      @ADRMAC PC6
      @ADRMAC PC7
      @ADRMAC PC8
      @ADRMAC PC9
      @ADRMAC routeur1 fa0/3
      @ADRMAC switch2 fa0/3

Commutateur 5 :

      @ADRMAC PC10
      @ADRMAC PC11
      @ADRMAC PC12
      @ADRMAC PC13
      @ADRMAC PC14
      @ADRMAC PC20
      @ADRMAC PC21
      @ADRMAC PC28
      @ADRMAC PC30
      @ADRMAC routeur2 fa0/1
      @ADRMAC routeur4 fa0/5

@ADRMAC routeur5 fa0/2
@ADRMAC switch6 fa0/2
@ADRMAC switch5 fa0/2
@ADRMAC switch10 fa0/2
@ADRMAC switch9 fa0/2
@ADRMAC switch8 fa0/2

Commutateur 6:

@ADRMAC PC10
@ADRMAC PC11
@ADRMAC PC12
@ADRMAC PC13
@ADRMAC PC14
@ADRMAC PC20
@ADRMAC PC21
@ADRMAC PC28
@ADRMAC PC30
@ADRMAC routeur2 fa0/1
@ADRMAC routeur4 fa0/4
@ADRMAC routeur5 fa0/5
@ADRMAC switch6 fa0/2
@ADRMAC switch4 fa0/1
@ADRMAC switch10 fa0/5
@ADRMAC switch9 fa0/5
@ADRMAC switch8 fa0/5

Commutateur 7 :

@ADRMAC PC10
@ADRMAC PC11
@ADRMAC PC12
@ADRMAC PC13
@ADRMAC PC14
@ADRMAC PC20
@ADRMAC PC21
@ADRMAC PC28
@ADRMAC PC30
@ADRMAC routeur2 fa0/1
@ADRMAC routeur4 fa0/2
@ADRMAC routeur5 fa0/2
@ADRMAC switch5 fa0/2
@ADRMAC switch4 fa0/1
@ADRMAC switch10 fa0/2
@ADRMAC switch9 fa0/2
@ADRMAC switch8 fa0/2

Commutateur 8 :

@ADRMAC PC24

@ADRMAC routeur5 fa0/22
@ADRMAC routeur8 fa0/21

Commutateur 9:

@ADRMAC PC10
@ADRMAC PC11
@ADRMAC PC12
@ADRMAC PC13
@ADRMAC PC14
@ADRMAC PC20
@MAC PC21
@ADRMAC PC28
@ADRMAC PC30
@ADRMAC routeur2 fa0/3
@ADRMAC routeur4 fa0/1
@ADRMAC routeur5 fa7/0
@ADRMAC switch5 fa0/3
@ADRMAC switch4 fa0/3
@ADRMAC switch10 fa0/3
@ADRMAC switch9 fa0/3
@ADRMAC switch6 fa0/3

Commutateur 10 :

@ADRMAC PC10
@ADRMAC PC11
@ADRMAC PC12
@ADRMAC PC13
@ADRMAC PC14
@ADRMAC PC20
@ADRMAC PC21
@ADRMAC PC28
@ADRMAC PC30
@ADRMAC routeur2 fa0/3
@ADRMAC routeur4 fa0/1
@ADRMAC routeur5 fa0/2
@ADRMAC switch5 fa0/6
@ADRMAC switch4 fa0/6
@ADRMAC switch10 fa0/6
@ADRMAC switch6 fa0/6
@ADRMAC switch8 fa0/3

Commutateur 11 :

@ADRMAC PC10
@ADRMAC PC11
@ADRMAC PC12
@ADRMAC PC13
@ADRMAC PC14

@ADRMAC PC20
@ADRMAC PC21
@ADRMAC PC28
@ADRMAC PC30
@ADRMAC routeur2 fa0/1
@ADRMAC routeur4 fa0/1
@ADRMAC routeur5 fa0/2
@ADRMAC switch5 fa0/1
@ADRMAC switch4 fa0/1
@ADRMAC switch6 fa0/1
@ADRMAC switch9 fa0/2
@ADRMAC switch8 fa0/2