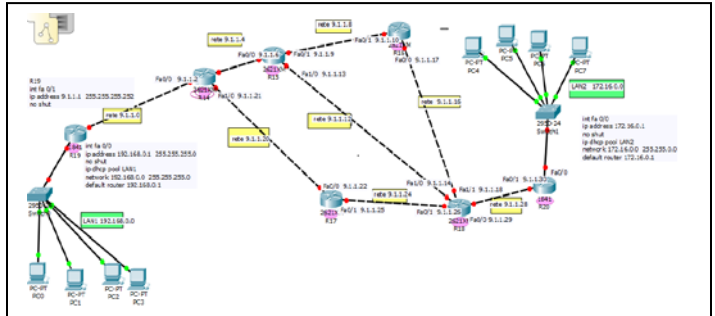


Rete di sette router

R19 e R20 : usare il router 1841 a cui aggiungere il modulo NM-2FE2W,
 gli altri router sono 2621XM
 Le impostazioni del NAT sono in fondo.



R19

```
Router#conf t
Router(config)#int fa 0/1
Router(config-if)#ip address 9.1.1.1 255.255.255.252
Router(config-if)#no shut
Router(config-if)#
Router(config-if)#exit
```

```
Router(config)#int fa 0/0
Router(config-if)#ip address 192.168.0.1 255.255.255.0
Router(config-if)#no shut
Router(config-if)#exit
```

```
Router(config)#ip dhcp pool LAN1
Router(dhcp-config)#network 192.168.0.0 255.255.255.0
Router(dhcp-config)#default-router 192.168.0.1
Router(dhcp-config)#end
Router#wr mem
```

R15

```
Router#conf t
Router(config)#int fa 0/0
Router(config-if)#ip address 9.1.1.2 255.255.255.252
Router(config-if)#no shut
Router(config-if)#exit
```

```
Router(config)#int fa 0/1
Router(config-if)#ip address 9.1.1.9 255.255.255.252
Router(config-if)#no shut
Router(config-if)#exit
```

```
Router(config)#int fa 1/0
Router(config-if)#ip address 9.1.1.17 255.255.255.252
Router(config-if)#no shut
Router(config-if)#no shutdown
Router(config-if)#end
```

```
wr mem
```

R14

```

Router#conf t
Router(config)#int fa 0/0
Router(config-if)#ip address 9.1.1.2 255.255.255.252
Router(config-if)#no shut
Router(config-if)#exit

Router(config)#int fa 0/1
Router(config-if)#ip address 9.1.1.5 255.255.255.252
Router(config-if)#no shut
Router(config-if)#
Router(config-if)#exit

Router(config)#int fa 1/0
Router(config-if)#ip address 9.1.1.21 255.255.255.252
Router(config-if)#no shut
Router(config-if)#exit
Router(config)# exit

Router#wr mem

```

R17

```

Router#conf t
Router(config)#int fa 0/0
Router(config-if)#ip address 9.1.1.22 255.255.255.252
Router(config-if)#no shut
Router(config-if)#
Router(config-if)#exit

Router(config)#int fa 0/1
Router(config-if)#ip address 9.1.1.25 255.255.255.252
Router(config-if)#no shut
Router(config-if)#exit
Router(config)#exit
Router#wr mem

```

R18

```

Router#conf t
Router(config)#int fa 0/0
Router(config-if)#ip address 9.1.1.29 255.255.255.252
Router(config-if)#no shut
Router(config-if)#exit

Router(config)#int fa 0/1
Router(config-if)#ip address 9.1.1.26 255.255.255.252
Router(config-if)#no shut
Router(config-if)#exit

Router(config)#int fa 1/0
Router(config-if)#ip addr

```

```
Router(config-if)#ip address 9.1.1.14 255.255.255.252
Router(config-if)#no shut
Router(config-if)#exit
```

```
Router(config)#int fa 1/1
Router(config-if)#ip address 9.1.1.18 255.255.255.252
Router(config-if)#no shut
```

```
Router(config-if)#exit
Router(config)#exit
Router#wr mem
```

R16

```
Router#conf t
Router(config)#int fa 0/0
Router(config-if)#ip address 9.1.1.17 255.255.255.252
Router(config-if)#no shut
Router(config-if)#exit
```

```
Router(config)#int fa 0/1
Router(config-if)#ip address 9.1.1.10 255.255.255.252
Router(config-if)#no shut
Router(config-if)#exit
Router(config)#exit
Router#wr mem
```

R20

```
Router#conf t
Router(config)#int fa 0/0
Router(config-if)#ip address 172.16.0.1 255.255.0.0
Router(config-if)#no shut
Router(config-if)#exit
```

```
Router(config)#ip dhcp pool LAN2
Router(dhcp-config)#network 172.16.0.0 255.255.0.0
Router(dhcp-config)#default-router 172.16.0.1
Router(dhcp-config)#exit
Router(config)#exit
```

```
Router(config)#int fa 0/1
Router(config-if)#ip address 9.1.1.30 255.255.255.252
Router(config-if)#no shut
Router(dhcp-config)#exit
Router(config)#exit
Router#wr mem
```

Impostazioni NAT

R19

```
en
conf t
Router(config)#ip nat inside source static 192.168.0.1 9.1.1.1 /direzione nella LAN, direzione fuori/
```

```
Router(config)#int fa0/0
Router(config-if)#ip nat inside /indichiamo che fa0/0 è inside /
exit
```

```
Router(config)#int fa0/1
Router(config-if)#ip nat out /fa0/1 è outside. All'esterno/
exit
```

R20

```
Router>en
Router# conf t
```

```
Router(config)#ip nat inside source static 172.16.0.1 9.1.1.30
```

```
Router(config)#int fa0/0
Router(config-if)#ip nat inside /IP per dentro nella LAN/
Router(config-if)#exit
```

```
Router(config)#int fa0/1
Router(config-if)#ip nat out /IP per fuori/
```

```
Router(config-if)#exit
Router(config)#
end
show run /controllare le impostazioni/
```