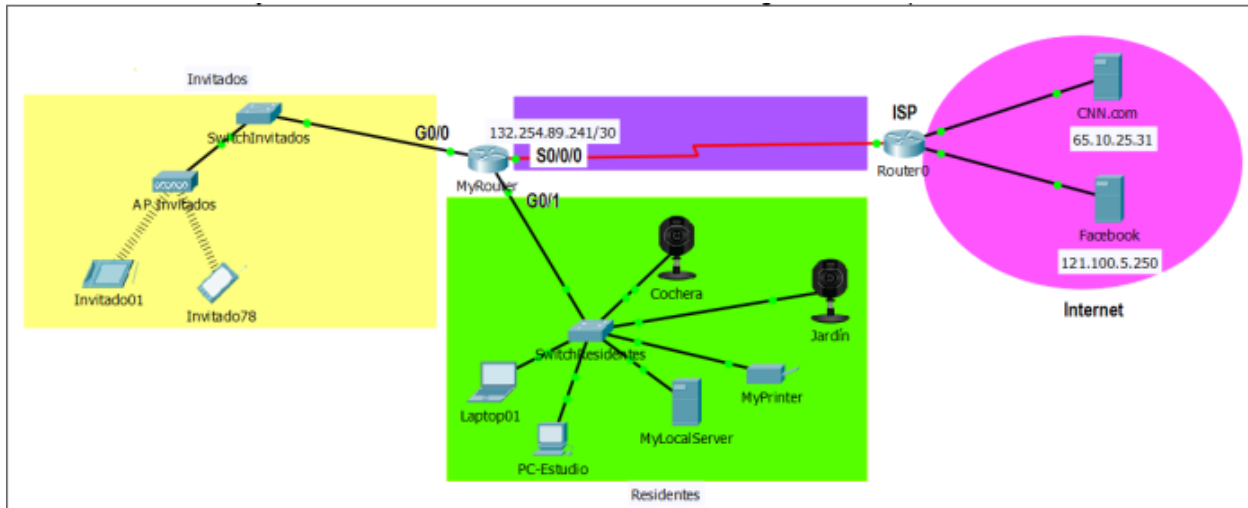


Laboratorio Capítulo 04

Utiliza la dirección IP pública 192.254.20.0 con prefijo original de /25 y los datos de la siguiente tabla que deben ser utilizadas para satisfacer las necesidades de conectividad de este magno evento:



Segmento de red	Dirección IP	Prefijo VLSM	Máscara Decimal
Residentes	192.254.20.128	/26	255.255.255.192
Invitadors	192.254.20.0	/25	255.255.255.128

Dispositivo	Interfaz	IP Address	Másacara	Default Gateway
MyRouter	s0/0/0	132.254.89.241	255.255.255.252	N/A
	g0/0	192.254.20.126	255.255.255.128	N/A
	g0/1	192.254.20.190	255.255.255.192	N/A
SwitchInvitados	Vlan 1	192.254.20.1	255.255.255.128	192.254.20.126
SwitchResidente	Vlan 1	192.254.20.129	255.255.255.192	192.254.20.190

MyLocalServer	NIC	192.254.20.130	255.255.255.192	192.254.20.190
MyPrinter	NIC	192.254.20.131	255.255.255.192	192.254.20.190
CamCochera	NIC	192.254.20.132	255.255.255.192	192.254.20.190
CamJardin	NIC	192.254.20.133	255.255.255.192	192.254.20.190
Laptop01	NIC	192.254.20.134	255.255.255.192	192.254.20.190
PC-Estudio	NIC	192.254.20.135	255.255.255.192	192.254.20.190
Invitado01	NIC	192.254.20.2	255.255.255.128	192.254.20.126
Invitado78	NIC	192.254.20.3	255.255.255.128	192.254.20.126

SwitchInvitados

```
enable
config t
```

```
hostname SwitchInvitados
no ip domain-lookup
service password
banner motd #
Personal no autorizado será perseguido por la ley!#
```

```
enable password class
ip default-gateway 192.254.20.126
```

```
line con 0
password cisco
login
loggin sync
```

```
line vty 0 15
password cisco
login
loggin sync
```

```
int vlan1
ip add 192.254.20.1 255.255.255.128
no shut
```

SwitchResidentes

```
enable
config t

hostname SwitchResidentes
no ip domain-lookup
service password
banner motd #
Personal no autorizado será perseguido por la ley!#

enable password class
ip default-gateway 192.254.20.190

line con 0
password cisco
login
loggin sync

line vty 0 15
password cisco
login
loggin sync

int vlan1
ip add 192.254.20.129 255.255.255.192
no shut
```

MyRouter

```
enable
config t
hostname MyRouter

service password
no ip domain-lookup
enable password class

banner motd #
Personal no autorizado será perseguido por la ley!#

line con 0
password cisco
login
loggin sync

line vty 0 15
password cisco
login
```

login sync

int s0/0/0

desc Interfaz con el ISP

ip add 132.254.89.241 255.255.255.252

no shut

int g0/0

desc Subred de invitados

ip add 192.254.20.126 255.255.255.128

no shut

int g0/1

desc Subred de Residentes

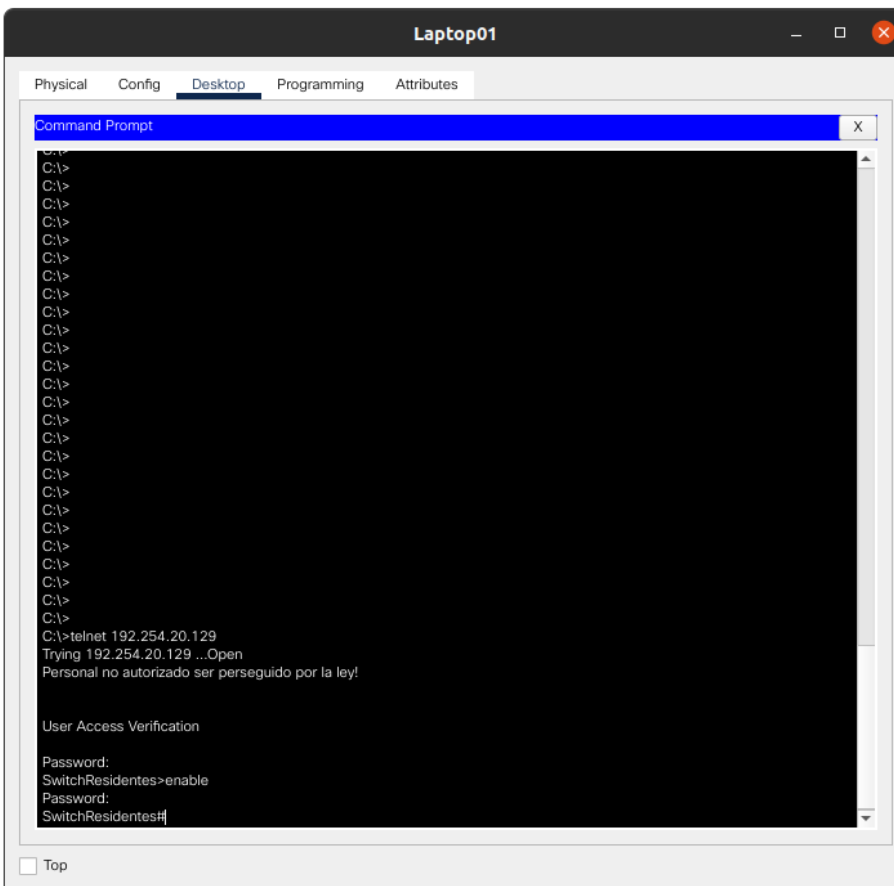
ip add 192.254.20.190 255.255.255.192

no shut

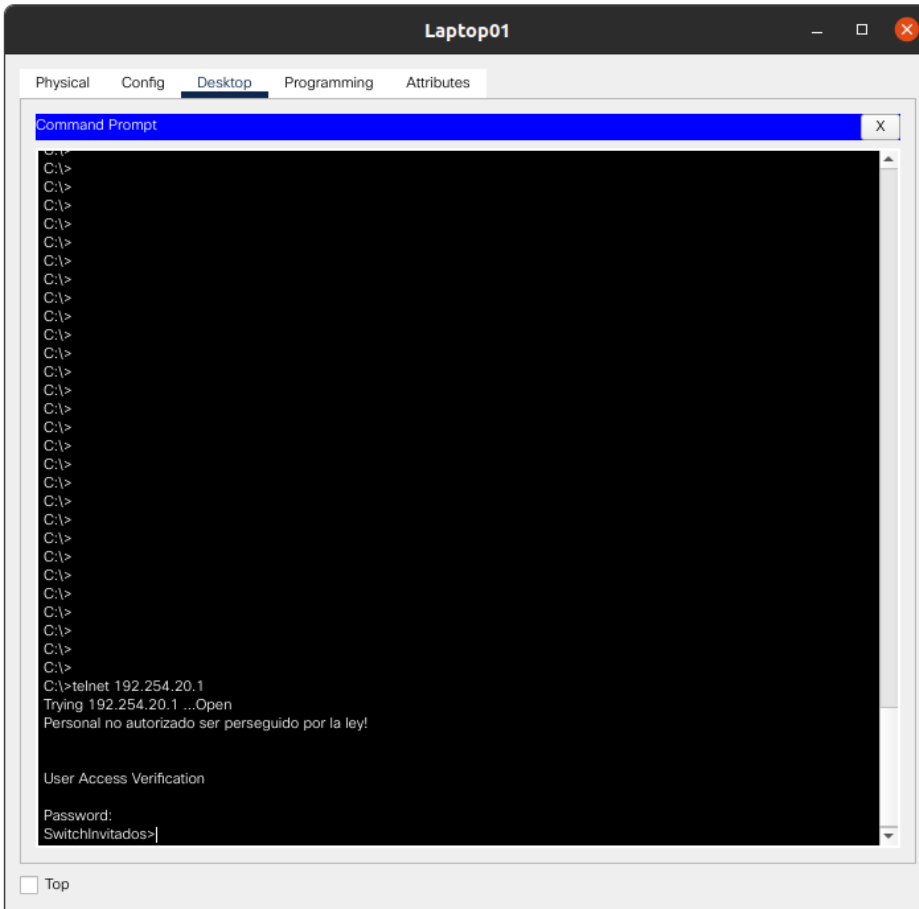
ip route 0.0.0.0 0.0.0.0 s0/0/0

Screenshots

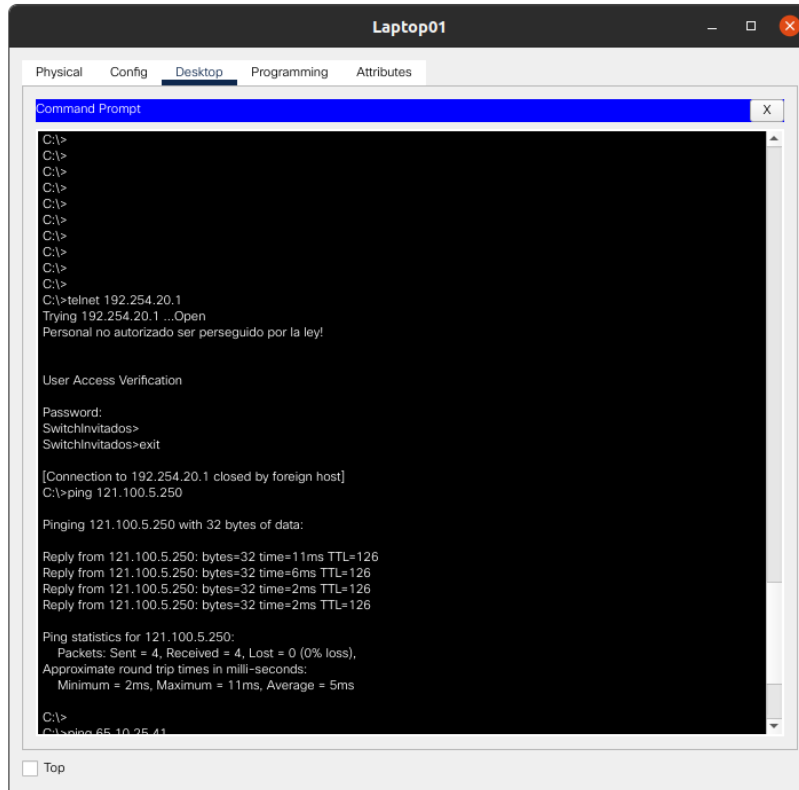
Telnet Laptop01 a SwitchResidentes



Telnet Laptop01 a Switch Invitados



Ping Laptop01 a 65.10.25.41 y 121.100.5.250



The screenshot shows a Windows Command Prompt window titled "Laptop01". The window has tabs for "Physical", "Config", "Desktop", "Programming", and "Attributes", with "Desktop" selected. The Command Prompt shows the following commands and output:

```
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>telnet 192.254.20.1
Trying 192.254.20.1 ...Open
Personal no autorizado ser perseguido por la ley!

User Access Verification

Password:
SwitchInvitados>
SwitchInvitados>exit

[Connection to 192.254.20.1 closed by foreign host]
C:\>ping 121.100.5.250

Pinging 121.100.5.250 with 32 bytes of data:

Reply from 121.100.5.250: bytes=32 time=11ms TTL=126
Reply from 121.100.5.250: bytes=32 time=6ms TTL=126
Reply from 121.100.5.250: bytes=32 time=2ms TTL=126
Reply from 121.100.5.250: bytes=32 time=2ms TTL=126

Ping statistics for 121.100.5.250:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 2ms, Maximum = 11ms, Average = 5ms

C:\>
C:\>ping 65.10.25.41
```

At the bottom of the window, there is a "Top" button.