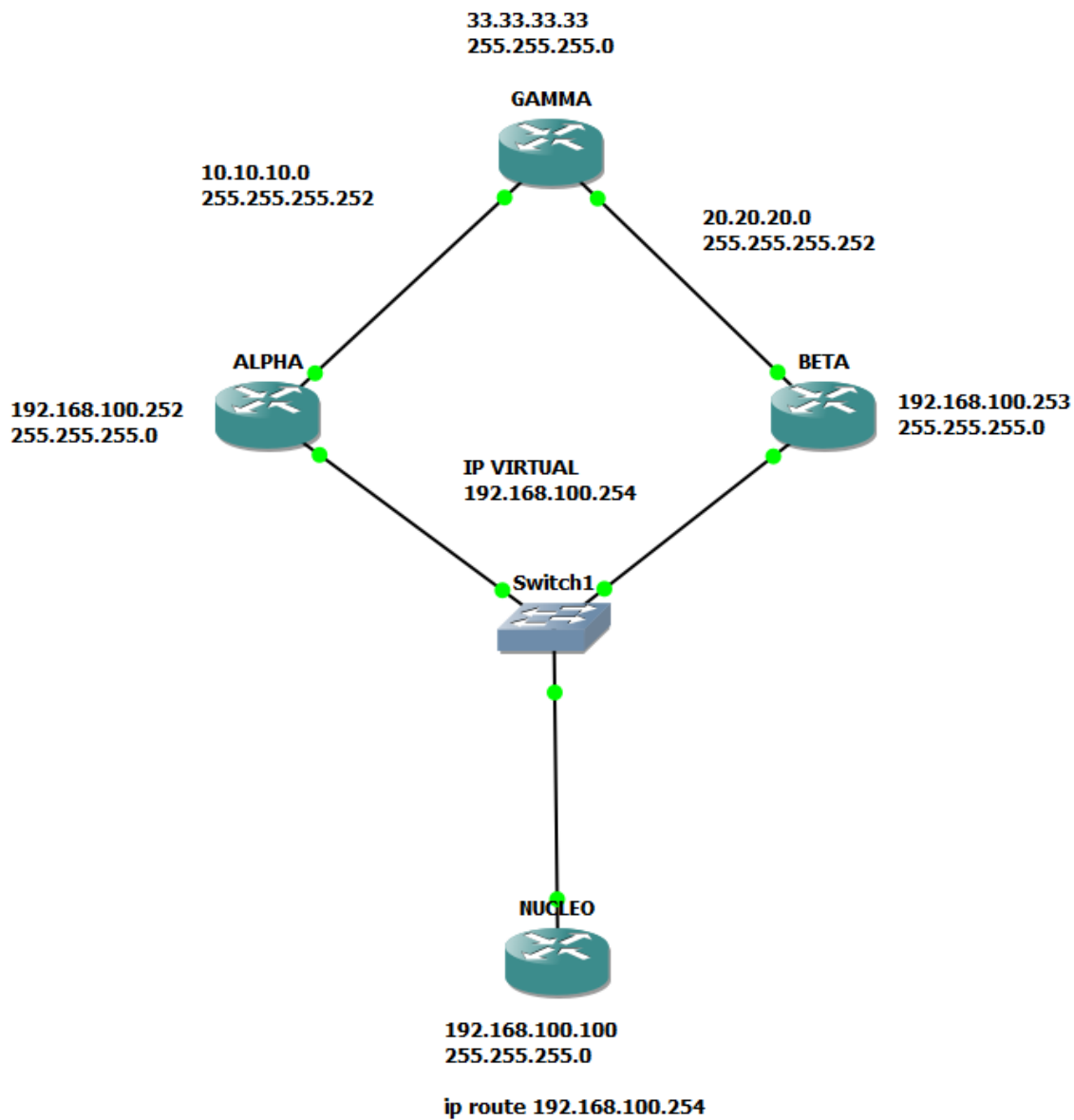


NOMBRE: José Pablo Colindres Orellana
CARNÉ: 201602713

Topología



VRRP

Router ALPHA en estado backup

```
ALPHA#
ALPHA#
*Mar 1 00:11:36.735: %VRRP-6-STATECHANGE: Fa0/0 Grp 1 state Master -> Backup
ALPHA#sh vrrp br
ALPHA#sh vrrp brief
Interface      Grp Pri Time  Own Pre State  Master addr  Group addr
Fa0/0          1   110 3570   Y   Backup  192.168.100.253 192.168.100.254
ALPHA#write me
ALPHA#write memory
Building configuration...
[OK]
```

Router BETA en estado master

```
BETA#
*Mar 1 00:10:25.359: %SYS-5-CONFIG_I: Configured from console by console
BETA#sh vrrp brief
Interface      Grp Pri Time  Own Pre State  Master addr  Group addr
Fa0/0          1   120 3531   Y   Master  192.168.100.253 192.168.100.254
BETA#write mem
BETA#write memory
Building configuration...
```

Visualizando la ruta de la transferencia de paquetes desde el router NUCLEO hacia GAMMA tomando de ruta el router BETA el cual es el master

```
NUCLEO#trace
NUCLEO#traceroute 33.33.33.33

Type escape sequence to abort.
Tracing the route to 33.33.33.33

 0 192.168.100.253 64 msec 68 msec 60 msec
 1 20.20.20.2 88 msec 88 msec 92 msec
NUCLEO#sh hi
```

HSRP

Router ALPHA en estado active

```

: ● NUCLEO ● ALPHA x ● BETA ● GAMMA | + -
ALPHA#sh standby brief
                P indicates configured to preempt.
                |
Interface  Grp Prio P State   Active      Standby      Virtual IP
Fa0/0      1   115 P Active   local       192.168.100.253 192.168.100.254
ALPHA#sh ip int
ALPHA#sh ip interface br
```

Router BETA en estado standby

```

: ● NUCLEO ● ALPHA ● BETA x ● GAMMA | +
BETA#sh stand
BETA#sh standby brief
                P indicates configured to preempt.
                |
Interface  Grp Prio P State   Active      Standby      Virtual IP
Fa0/0      1   110 P Standby 192.168.100.252 local       192.168.100.254
BETA#confi
BETA#sh ip int
```

Visualizando la ruta de la transferencia de paquetes desde el router NUCLEO hacia GAMMA tomando de ruta el router ALPHA el cual es el active

```

: ● NUCLEO x ● ALPHA ● BETA
NUCLEO#
NUCLEO#ping 33.33.33.33
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 33.33.33.33, timeout is 2 seconds:
.!!!!
Success rate is 80 percent (4/5), round-trip min/avg/max = 72/85/92 ms
NUCLEO#traceroute 33.33.33.33
Type escape sequence to abort.
Tracing the route to 33.33.33.33
  1 192.168.100.252 64 msec 68 msec 60 msec
  2 10.10.10.2 92 msec 92 msec 88 msec
NUCLEO#
NUCLEO#
NUCLEO#
```