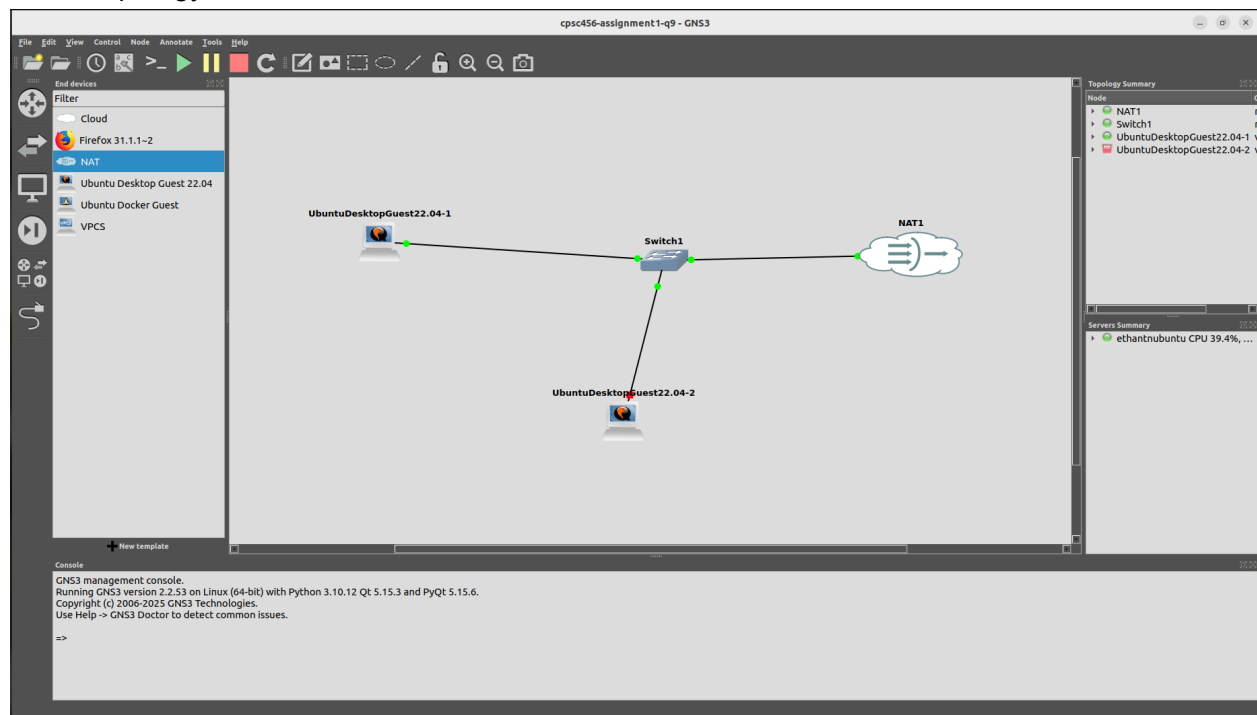


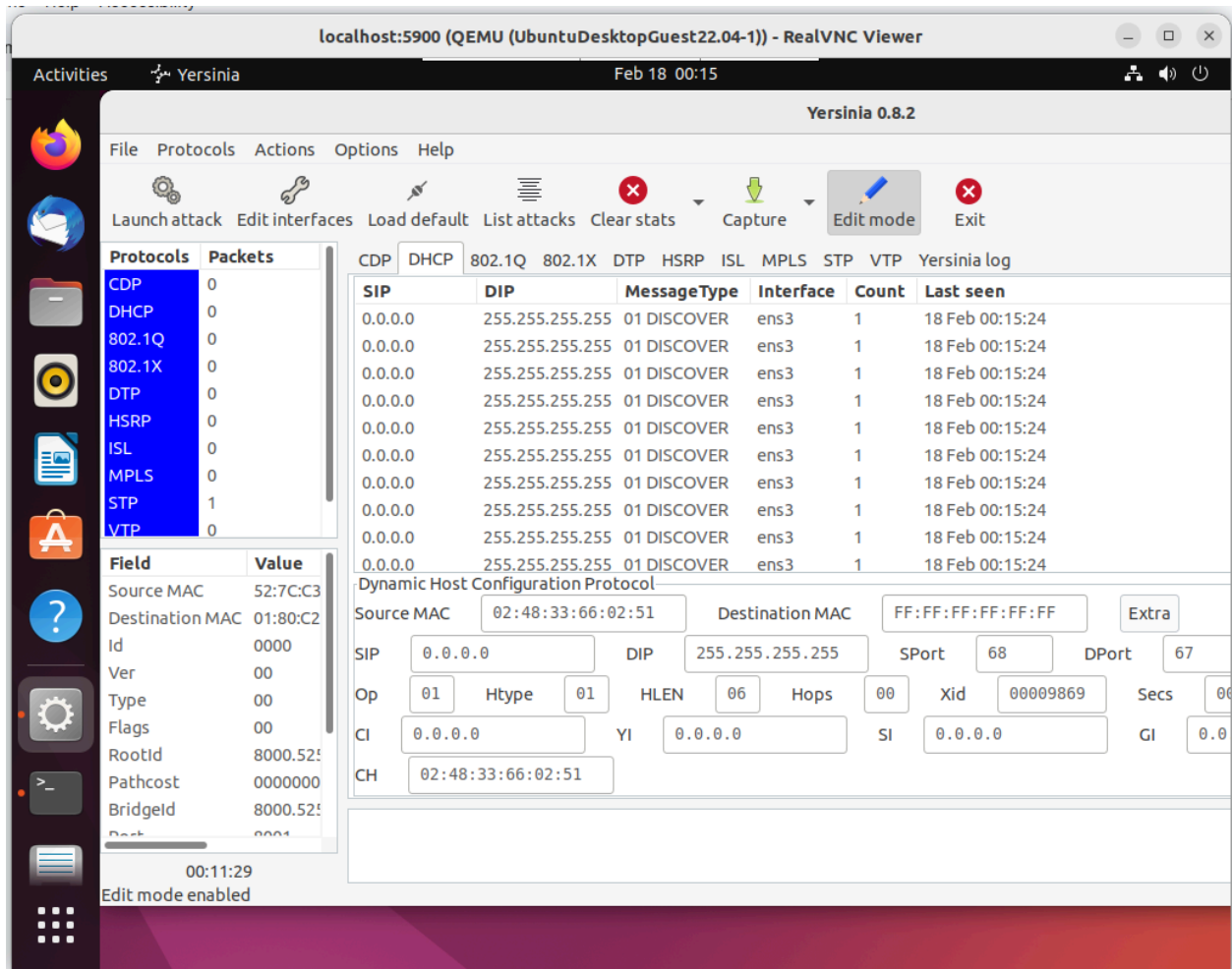
GNS3 topology



`sudo apt update`

`sudo apt install yersinia`

Launching yersinia and setting up the DHCP spoofing.



Using Wireshark to capture the link between the DHCP server and the switch.

Capturing from - [Switch1 Ethernet2 to NAT1 nat0]

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Apply a display filter ... <Ctrl-/>

No.	Time	Source	Destination	Protocol	Length	Info
1297...	25.998767	0.0.0.0	255.255.255.255	DHCP	286	DHCP Discover - Transacti
1297...	25.998881	0.0.0.0	255.255.255.255	DHCP	286	DHCP Discover - Transacti
1297...	25.998979	0.0.0.0	255.255.255.255	DHCP	286	DHCP Discover - Transacti
1297...	25.999074	0.0.0.0	255.255.255.255	DHCP	286	DHCP Discover - Transacti
1297...	25.999172	0.0.0.0	255.255.255.255	DHCP	286	DHCP Discover - Transacti
1297...	25.999257	0.0.0.0	255.255.255.255	DHCP	286	DHCP Discover - Transacti
1297...	25.999341	0.0.0.0	255.255.255.255	DHCP	286	DHCP Discover - Transacti
1297...	25.999414	0.0.0.0	255.255.255.255	DHCP	286	DHCP Discover - Transacti
1297...	25.999518	0.0.0.0	255.255.255.255	DHCP	286	DHCP Discover - Transacti

Frame 1: 342 bytes on wire (2736 bits), 342 bytes captured (2736 bits) on interface -, id 0
Ethernet II, Src: RealtekU_ac:52:a3 (52:54:00:ac:52:a3), Dst: Broadcast (ff:ff:ff:ff:ff:ff)
Internet Protocol Version 4, Src: 192.168.122.1, Dst: 255.255.255.255
User Datagram Protocol, Src Port: 67, Dst Port: 68
Dynamic Host Configuration Protocol (Offer)

0000	ff ff ff ff ff ff 52 54	00 ac 52 a3 08 00 45 c0RT..R..E.
0010	01 48 7a db 00 00 40 11	c3 60 c0 a8 7a 01 ff ff	Hz...@...z...
0020	ff ff 00 43 00 44 01 34	7d ed 02 01 06 00 64 3c	...C-D-4 }....d<
0030	98 69 00 00 80 00 00 00	00 00 c0 a8 7a 17 c0 a8	..i.....z...
0040	7a 01 00 00 00 00 20 58	8b 71 80 96 00 00 00 00	z.....X.q.....
0050	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00
0060	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00
0070	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00
0080	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00
0090	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00
00a0	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00
00b0	00 00 00 00 00 00 00 00	00 00 00 00 00 00 00 00

Ready to load or capture
Packets: 129793 · Displayed: 129793 (100.0%)
Profile: Default