Packet tracer – laboratory test
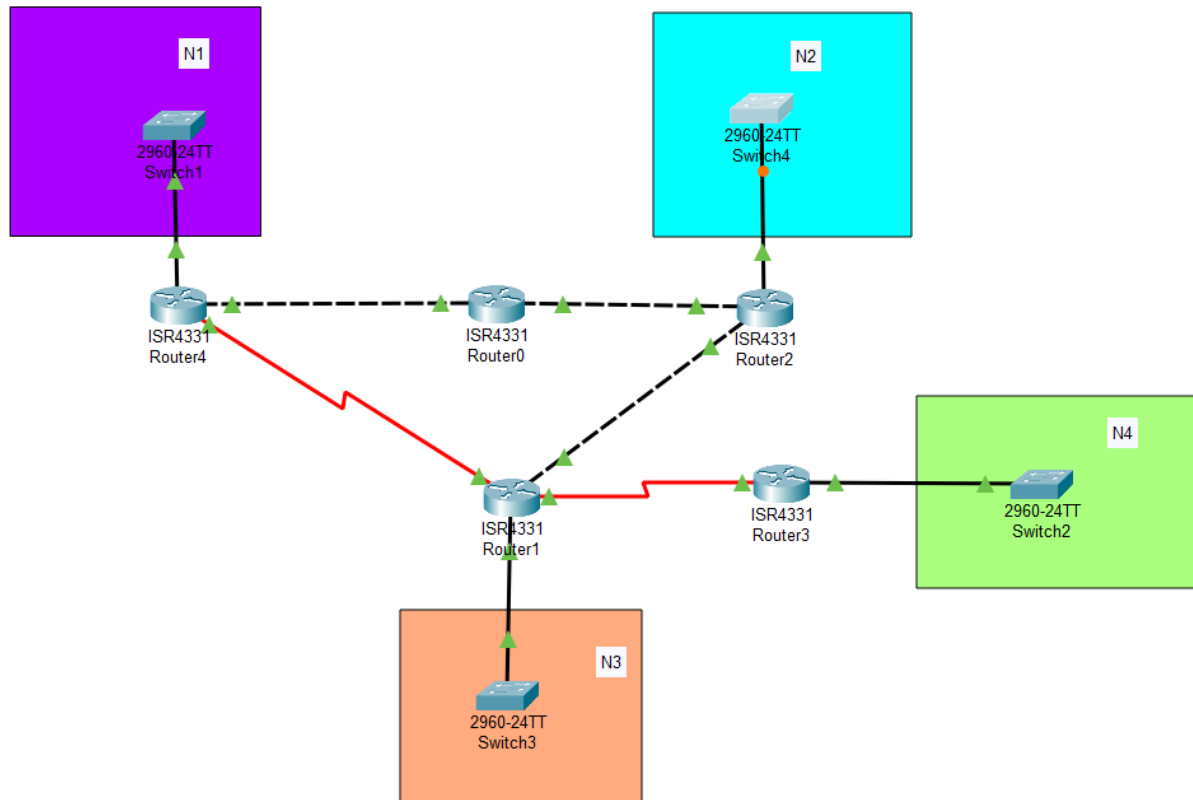
1. All the IPs from the local area networks (N1, N2, N3 and N4) are allocated from the range 179.26.224.0/19. Perform subnetting (using the minimum subnet size) such that:

- LAN1 can store 2040 hosts

- LAN2 can store 1021 hosts

- LAN3 can store 250 hosts

- LAN4 can store 125 hosts

2. On at least one of the LANs use DHCP to assign IPs to hosts, and in N3 add a HTTP server.

3. Configure dynamic routing using RIP v2.

4. Configure NAT on a router, such that all the packets coming from N1 and going to the N3 network (with the sever) are translated.