The student has to configure the network reported in the figure. If a password must be configured, you can use the following one: netlab

1. A network is composed of two different physical networks. The first one (Office 1) is connected to R0 and the second one (Office 2) is connected to R1. The two physical networks are managed by the same network administrator and are organized in the following VLANs:

Host	# VLAN	Indirizzo VLAN
PC0, PC1	10	10.0.0.0/8
PC2, PC3	20	192.168.0.0/24
PC4 – PC8	1	192.168.10.0/24

   Hosts of Office 1 network must be configured in a static way; hosts of Office 2 network must be configured in a dynamic way.

2. Switches must have interfaces properly configured.

3. IP addresses of R0 and R1, and OSPF protocol have been already configured in the routers.

4. VLAN 20 is the Management VLAN for Office 1 network, while VLAN1 is the Management VLAN for Office 2 network; switches must be accessible and configurable via telnet.

5. Hosts of VLAN 10, VLAN 20 and VLAN1 must communicate without using NAT.

6. R0 must be accessible and configurable only by hosts of VLAN 20.

7. DHCP Snooping must be enabled in Office 2 network.

8. The following traffic flows must be blocked on Router0 minimizing router processing:
   a. ICMP traffic from Internet to VLAN 10 and VLAN 20 (supposing that NAT overload on interface Fa0/1 is used for both VLANs);
   b. ICMP traffic from VLAN 1 to VLAN 20;