The student has to configure the network reported in the figure. Password to use: netlab

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

Host	Physical Network	# VLAN	Indirizzo VLAN
PC0, PC4	BRANCH-1	10	10.10.10.0/24
PC1, PC5	BRANCH-1	20	192.168.20.0/24
PC2, PC3	BRANCH-1	30	192.168.30.0/24
PC6	BRANCH-1	60	10.0.60.0/24
PC7, PC8, PC9	BRANCH-2	1	192.168.1.0/24

Hosts of BRANCH-1 must be configured in a static way; hosts of BRANCH-2 must be configured in a dynamic way. Switches must have interfaces properly configured.

2. IP addresses of R0 and R1 must be configured on the basis of the figure below. OSPF has been already configured in the routers.

3. VLAN 60 is the Management VLAN for BRANCH-1 network, while VLAN1 is the Management VLAN for BRANCH-2 network; switches must be accessible and configurable via telnet.

4. Hosts of VLAN 20, VLAN 30 and VLAN1 must communicate. NAT is NOT enabled.

5. R0 must be accessible and configurable only by hosts of VLAN 30.

6. DHCP Snooping must be enabled in BRANCH-2. Static port security must be enabled on SW4.

7. The following traffic flows must be blocked in R0 minimizing router processing:
    a. ICMP traffic from VLAN1 to VLAN 20;
    b. HTTP traffic from VLAN 30 to VLAN 20;
    c. UDP traffic from PC5 to PC9