

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 (Office1) is connected to Router0 and the second one (Office2) connected to Router1. The two different 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

VLAN10 and VLAN20 hosts must be configured in a static way; VLAN1 hosts must be configured in a dynamic way.

2. Switches must have interfaces properly configured.
3. VLAN 20 is the Management VLAN for Office1 network, while VLAN1 is the Management VLAN for Office2 network; switches must be accessible and configurable via telnet.
4. Hosts of VLAN 10 , VLAN 20 and VLAN1 must communicate. NAT is NOT enabled.
5. Router0 and Router1 must be accessible and configurable only by hosts of VLAN 20.
6. DHCP Snooping must be enabled in Office2 network.
7. The following traffic flows must be blocked (minimizing routers processing):
 - a. ICMP traffic from Internet to VLAN 20;
 - b. HTTP traffic from VLAN 1 to VLAN 20;

