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

1. PCs must belong to the following VLANs:

Host	# VLAN	Indirizzo VLAN
PC0, PC1	10	11.0.10.0/24
PC2, PC5	20	11.0.20.0/24
PC3, PC4	99	11.0.99.0/24
PC6, PC7	80	11.0.80.0/24

2. Switches must have interfaces properly configured.

3. VLAN 99 is the Management VLAN for switches and the Native VLAN for trunks; switches must be accessible and configurable via telnet.

4. Hosts of VLAN 10 and hosts of VLAN 20 must communicate by means of router R0; hosts of VLAN 80 and hosts of VLAN 99 must communicate by means of router R1.

5. Configure sticky dynamic port security for VLAN 99.

6. Router R1 must be accessible only by hosts of VLAN 99 and VLAN 80.

7. The following traffic flows must be blocked (minimizing routers processing):
   a. UDP traffic from PC0 to PC5;
   b. ICMP traffic from Internet to all VLANs;
   c. http traffic from VLAN 10 to VLAN 80;
   d. all bidirectional traffic among VLAN 99 and Internet.