Exercitation II part - Laboratory of Network Design and Configuration

The student has to configure:

1. IP addresses of PC considering the following table:

Host	# VLAN	VLAN address block
PC0, PC4	10	11.0.0.0/16
PC1, PC5	30	30.0.0.0/18
PC2	99	99.0.0.0/26

2. VLANs on switches.

3. VLAN 99 as Management VLAN. All Switches must be accessible from PCs of management VLAN.

4. VLAN 10 as Native VLAN for all network trunks.

5. Traditional inter-VLAN routing among hosts of VLAN 10 and VLAN 30.

6. Sticky dynamic port security on interfaces of switch Switch2, fixing the maximum number of allowed MAC addresses to 2.

7. ACLs so that only these traffic flows are blocked:
   a. HTTP traffic from Internet to VLAN 10 hosts;
   b. ICMP traffic from hosts of network 111.10.0.0/28 to PC0;
   c. UDP traffic from PC5 to PC4.