

Task 3 – Counters and Registers

In this activity, you will extend Task 2 by adding the following characteristics:

- instead of choosing the output port for each new packet that arrives at the switch, you must save the port selected in the first packet of each flow. The next packets of the same flow must read the port to use it for forwarding. Use registers to implement your solution;
- add counters for each output port and count the number of packets and bytes. Use Counters to implement your solution.

The topology to be used is shown in the figure below.

