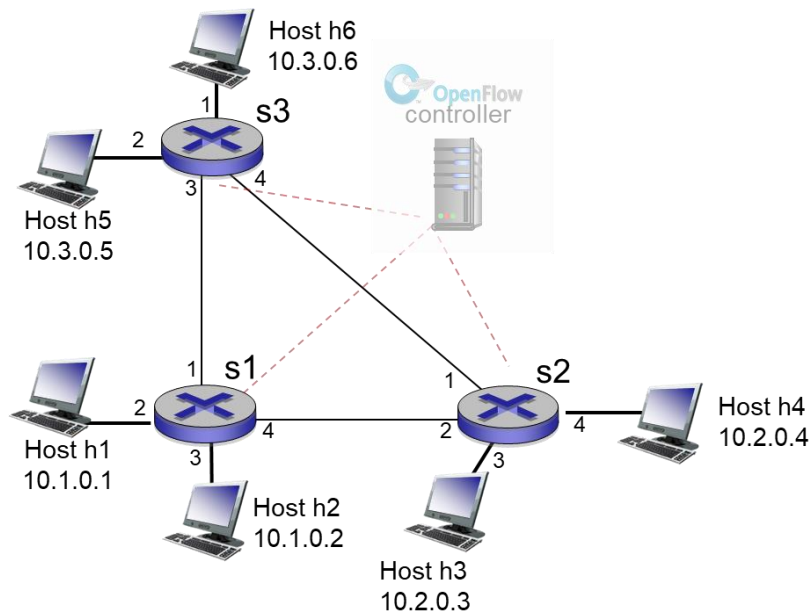# Tutorial 9

Question 1

Compare destination-based forwarding and generalized forwarding.

Question 2

Consider the SDN OpenFlow network as shown below. Suppose that the desired forwarding behavior for datagrams arriving at s2 is as follows:

- any datagrams arriving on input port 1 from hosts h5 or h6 that are destined to hosts h1 or h2 should be forwarded over output port 2
- any datagrams arriving on input port 2 from hosts h1 or h2 that are destined to hosts h5 or h6 should be forwarded over output port 1
- any arriving datagrams on input ports 1 or 2 and destined to hosts h3 or h4 should be delivered to the host specified
- hosts h3 and h4 should be able to send datagrams to each other

Specify the flow table entries in s2 that implement this forwarding behavior.