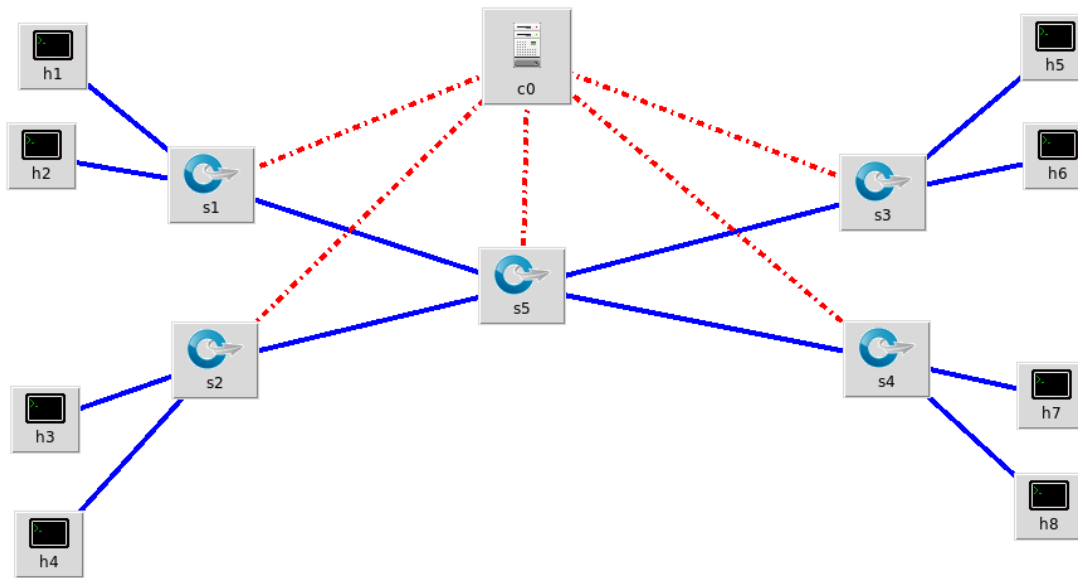# CSE5SDN Project

The following is the topology for your project deliverable:

The Miniedit file that'd generate this topology is attached. Please use that as your topology file, instead of running a custom topology for the project (standardization, no tradeoffs as such).

The roles corresponding to nodes are as follows:

Node name	Role (and functions)
c0	the SDN (Ryu) controller
s1	Open vSwitch instance
s2	Open vSwitch instance
s3	Open vSwitch instance Load balancer-balances load between h5 and h6
s4	Open vSwitch instance Load balancer-balances load between h7 and h8
s5	Open vSwitch instance
h1	*HTTPS* traffic requesting client
h2	*HTTP* traffic requesting client
h3	*HTTPS* traffic requesting client
h4	*HTTP* traffic requesting client
h5	*HTTP/HTTPS* Server instance
h6	*HTTP/HTTPS* Server instance
h7	*HTTP/HTTPS* Server instance
h8	*HTTP/HTTPS* Server instance

In addition to **setting up the above network**, you also need to create a **report** showing **the number of bytes used** by each client for (a) HTTP traffic, and (b) HTTPS traffic.