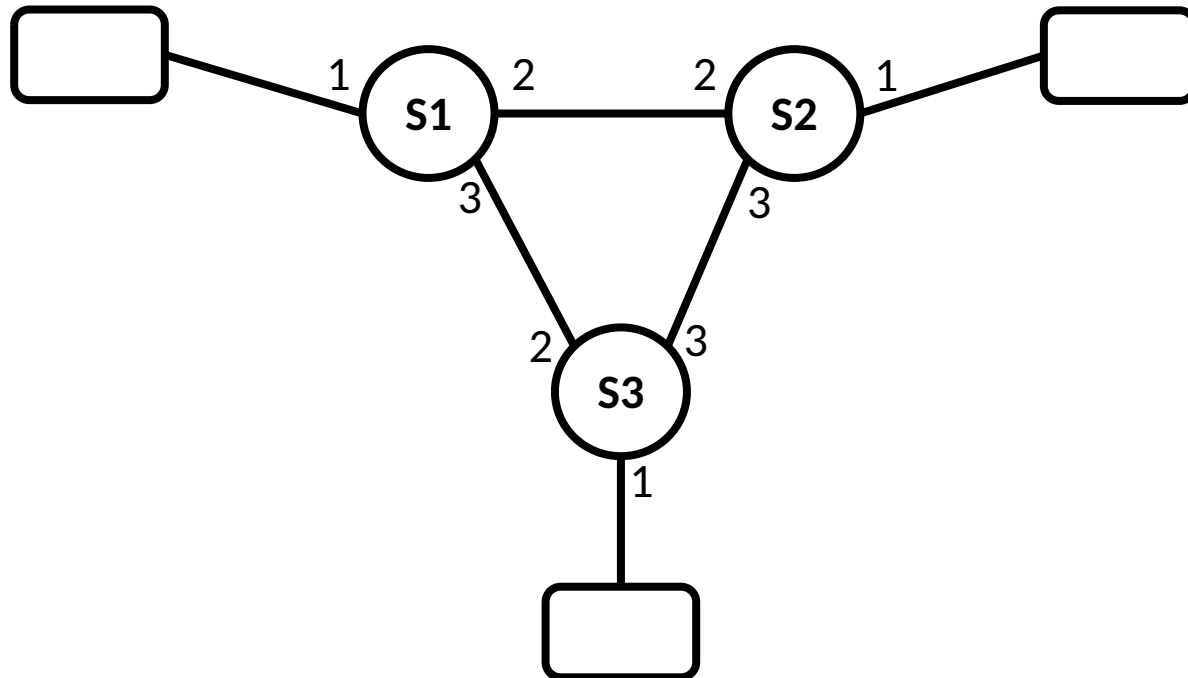


Lab2: P4 + BMv2

Installation

- Download VM image from
 - <https://1drv.ms/u/s!AsnGrDhYXQdIgqU7Bnw0upRMuO3rMw?e=LCf7ar>
- Launch the VM

Topology for Source Routing Exercise



Homework 2

- Modify P4 codes for source routing exercise
- Use the “port” field in header “srcRoute_t” as a label for label routing
- Modify the parser
- Define two actions
 - label_output: match the label and forward the packet to the port
 - pop_label_output: remove header “srcRoute_t” and output to the port

Homework 2

- Create a table for label routing
- Modify rules to forward the label “1” to h2
- Run receive.py in h2
- Run sender.py in h1
- Handin:
 - P4 codes: source_routing.p4
 - Print the screen to show h2 receive data successfully
- Deadline: May 6 2024

Homework 2

