





Writing Fine-grained Measurements App with P4 Programmable Switches

Hands-on session 2: Monitoring Queue Occupancy on a Per-packet Basis

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Lab 6: Monitoring Queue Occupancy on a Per-packet Basis

Lab Topology and Objectives

- The topology consists of three hosts: Sender, Receiver, and Collector; one P4 switch: s1
- Sender will send iPerf3 traffic to Receiver
- The P4 switch will clone each packet and add to it the queue occupancy
- The cloned packet will be sent to the collector

