Cybersecurity (Security+) and P4 Programmable Switches

Lab 9: Identifying Heavy Hitters using Count-min Sketches (CMS)

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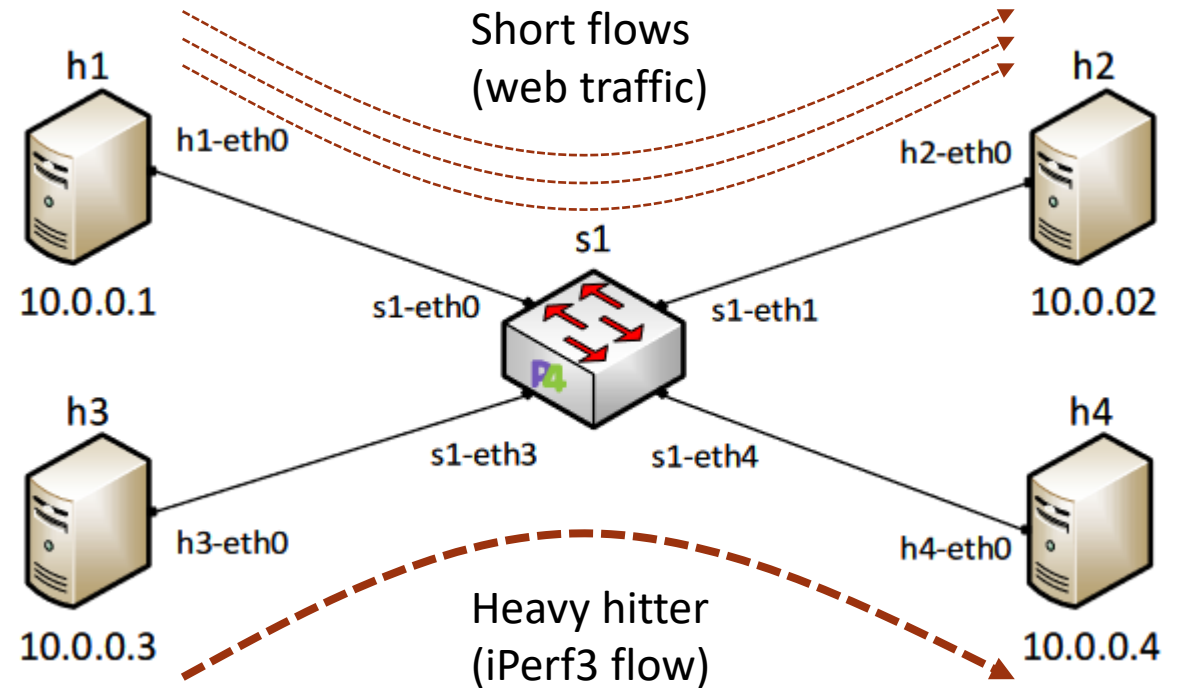University of South Carolina
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Topology and Lab Objectives

- The topology consists of a P4 switch and four hosts

- Objectives:
  - Write a P4 program that implements a CMS
  - Multiple short flows from h1 to h2 using *wget*
  - A heavy hitter flow from host h3 to h4 using *iPerf3*
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4