

Programmable Data Plane Using P4 Language

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What is done?

- Designed P4 packet encapsulate/decapsulate modules to process video streaming packets
- Identified OpenSSL flows
- Identified steaming RTMP packets from Mist Server
- Identified YouTube QUIC packets
- Match action table to drop/count the filtered packets

What is not done?

- Visualize the counter value from the table.
- Packet count analyses and reporting of statistics