Geant DP BOF

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Yatish Kumar
Any reasonable P4 program can be run:
- Telemetry
- ACL Filters
- Virtual router
- MPLS LER
What's possible next?

Control Plane and Telemetry Visualization
DDoS mitigator with bgp Flow-spec
Stateful Telemetry
Logical L2/L3 switch and router (more work to do this later)

Ethernet Subsystem
- CMAC
  - Rx adapter
  - Tx adapter

P4 Subsystem
- P4 Core
- Telemetry Engine
- P4 Egress

P4 Subsystem
- User

QDMA Subsystem
- PCIe QDMA
- H2C adapter
- AXI-Lite fanout
- C2H adapter

Linux driver

Xilinx Vivado IP
Xilinx Labs open IP
ESnet IP