



# L4S/AccECN Interop Event @IETF Hackathon

IETF 118  
4–10 November 2023  
Prague, Czech Republic

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# Hackathon Plan

- What problem were you working on?
  - L4S Congestion Control coexistence
  - TCP AccECN
- Network Setup for Testing
  - GPON network with L4S support
  - Nokia Wi-Fi AP
- L4S Congestion Control Implementations
  - Netflix rate controller
  - quic-go prague
  - SCReAM V2
  - Nokia RT-Prague
  - NVIDIA GeForce Now
  - Apple QUIC-Prague
  - Linux TCP Prague

Interop testing runs all week:

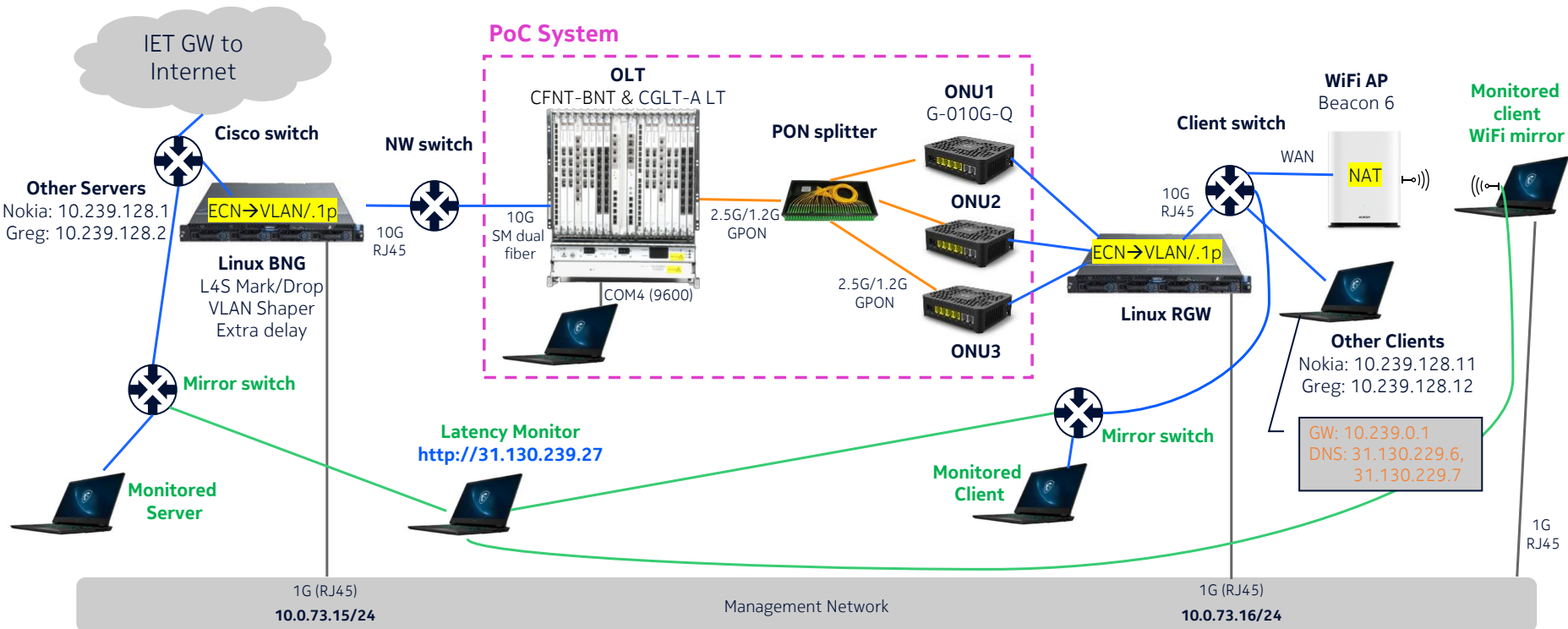
Sat – Sun: @ Hackathon

Mon – Fri: Ballroom Foyer

Relevant RFCs:  
9330, 9331, 9332

draft-ietf-tcpm-  
accurate-ecn-26

# IETF 118 setup



# What got done – so far

- PON network bring up & configuration
- Latency monitoring software/hardware
- First test of Netflix rate control in real L4S network

# Wrap Up

## **Team members:**

Andrew MacGregor, Fastly  
Bob Briscoe, Apple  
Bjørn Teigert, Domos  
Chia-Yu Chang, Nokia  
Frantisek Borsik, LibreQos  
Greg White, CableLabs  
Jan Sebosik, LibreQos  
Jason Livingood, Comcast  
Koen De Schepper, Nokia  
Marten Seemann, Protocol Labs  
Michael Tüxen, FH-Münster

Paul-Louis Ageneau, Netflix  
Peter Lei, Netflix  
Reese Engelhardt, Netflix  
Richard Scheffenegger, FreeBSD  
Stuart Cheshire, Apple

## **First timers @ IETF/Hackathon:**

Frantisek Borsik  
Jan Sebosik  
Paul-Louis Ageneau