# IETF Hackathon

E2E SRv6 for AI service access with quality and security assurance

**IETF 125**

**14–15 March 2026**

**Shenzhen, China**

# People

- Feng Yang (CMCC)
- Xiaoqiu Zhang (CMCC)
- Changwang Lin (H3C)

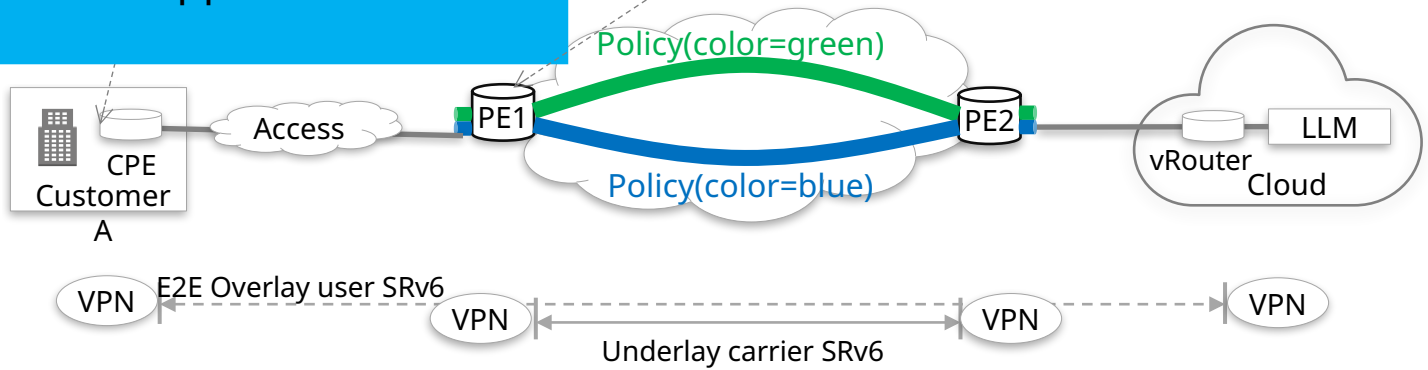
# Background

- 2026, AI Agent application is booming, e.g. OpenClaw, which cause traffic models are significantly changed:
  - Traffic Shift: From "User-Gateway-LLM" one-way interactions to "Perceive-Plan-Act-Reflect" autonomous loops.
  - Interaction Features: Dozens of API calls per task; high-frequency small-packet interactions sensitive to long-tail latency.
- Network Requirements:
  - Ultra-low latency & jitter control, stability & isolation under high concurrency, and full-link observability.

# Solution

1. subscribe network  services.
2. remark the agent traffic with ID which can be mapped to above services

2. Steering the traffic based on that ID so to ensure agent QoE




**Doucments:**

https://datatracker.ietf.org/doc/draft-zhang-rtgwg-agent-policy-aware-network/

https://datatracker.ietf.org/doc/draft-yang-rtgwg-arn-framework/

# Question