IETF 123 Hackathon NASR Proof of Concept

The storey so far

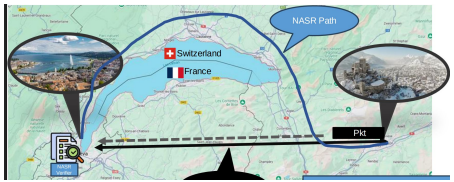
Sunday 2025-07-20

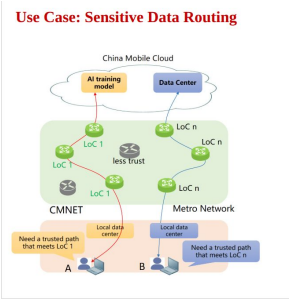
Code Name: Bangkok

Goals for Network Attestation for Secure foRwarding (NASR)

Customer Requirements

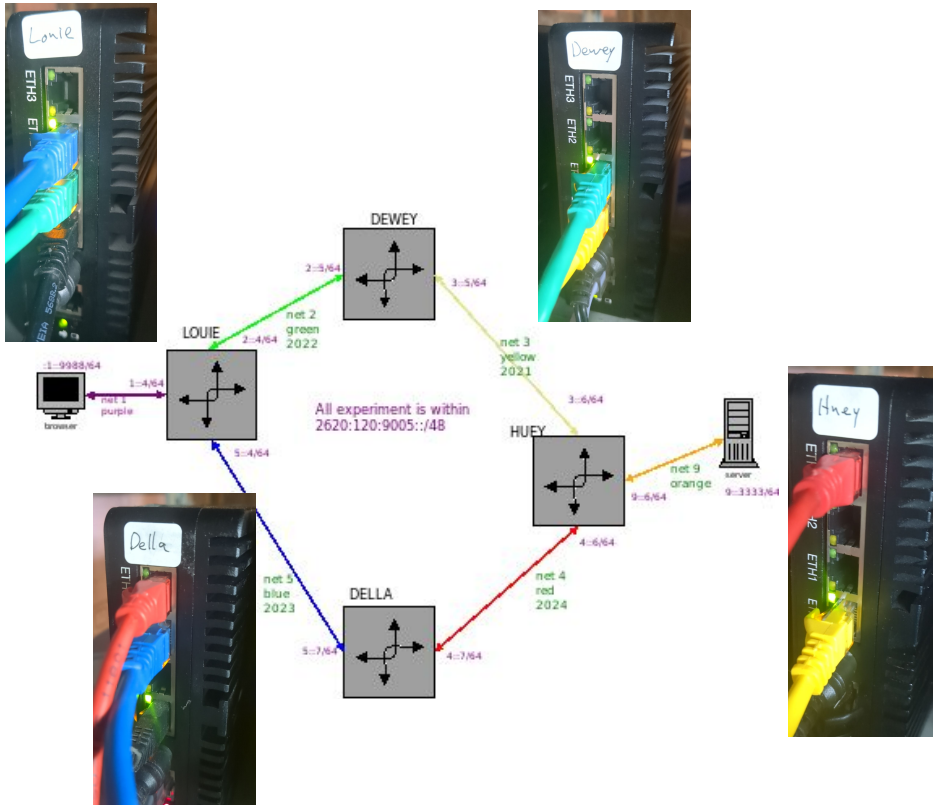
- MUST take path X
- MUST not take path Y
- Path X and Y MUST not have any common links
- Platforms MUST run version vetted by authority Y
- Platforms MUST use certain ciphersuites or link encryption
- Might be sovereignty
- Might be performance/latency
- Might be redundancy/resilience

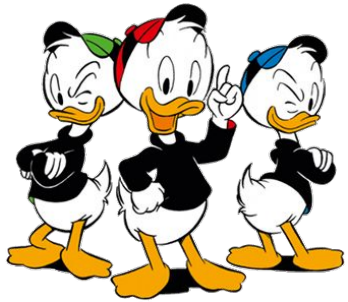




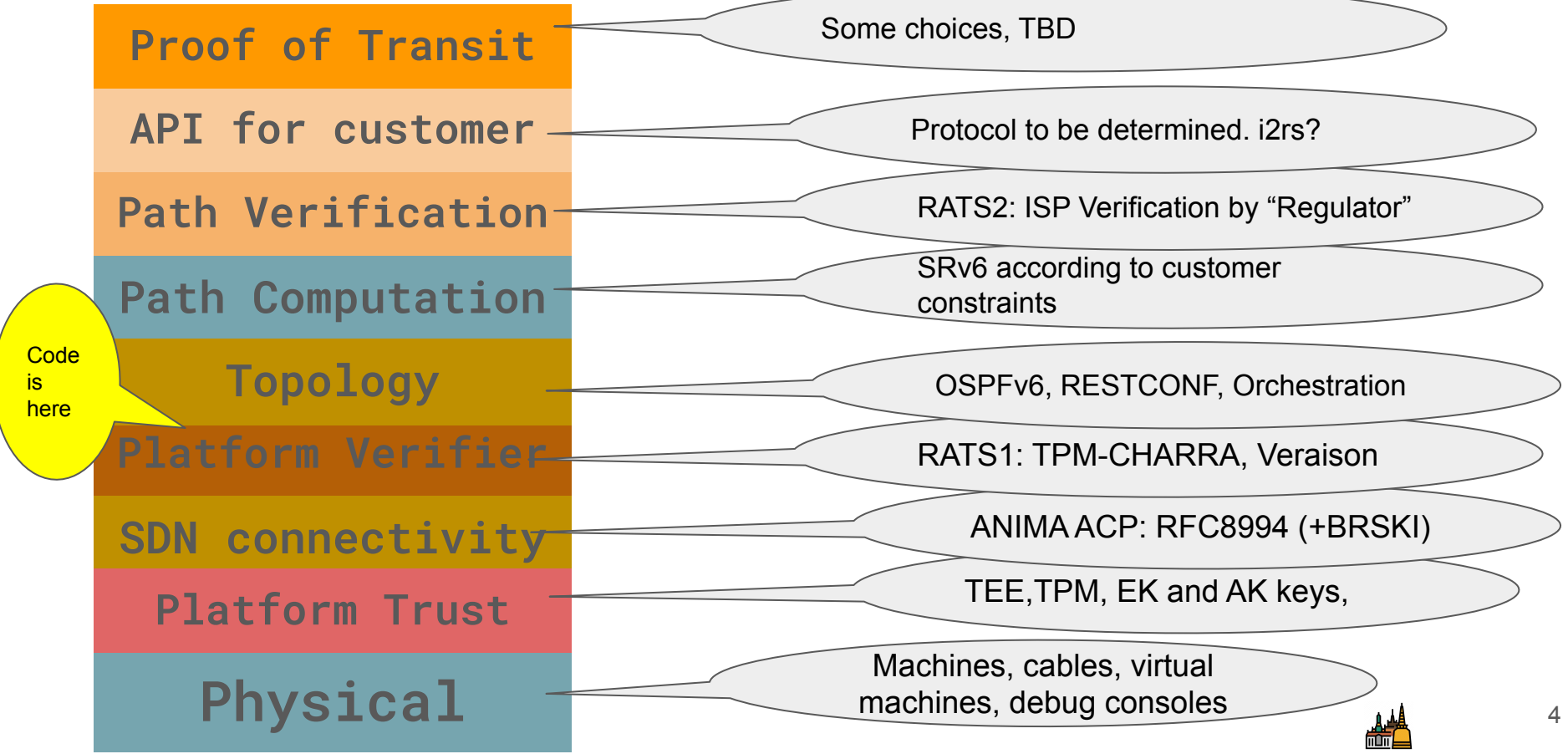
Bangkok BOF not successful:
We put *Rough Consensus* before **Running Code**

Physical Diagram of Test Equipment





“9 layers” of effort



Next Steps: Montreal IETF124 hackathon

- Better Orchestration
- Find/adapt Customer Facing API / Service Model
- Build Real Regulatory Verifier
- Configure SRv6
- Continue work with TPM
- *Configure and check Proof of Transit*

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