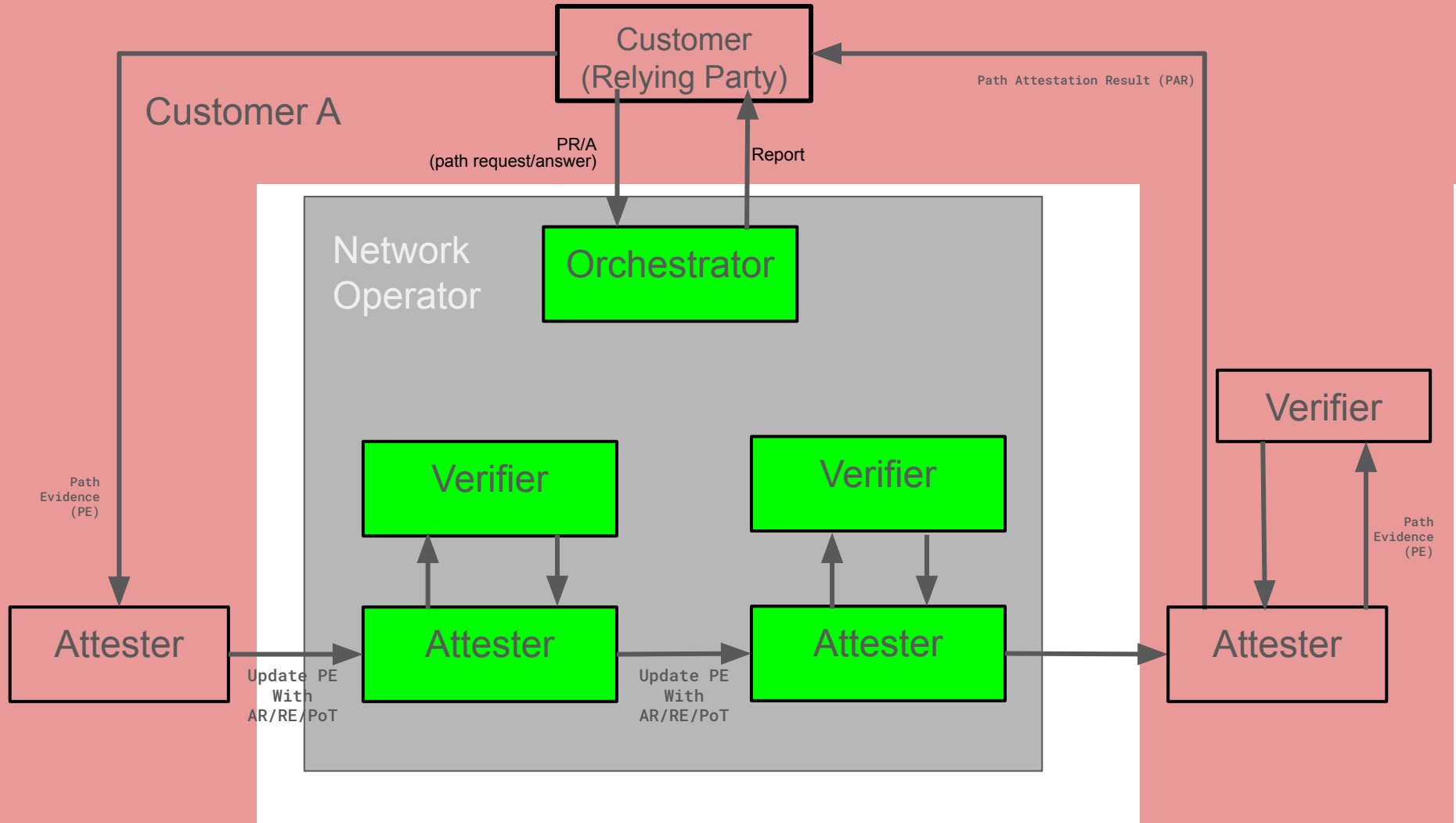
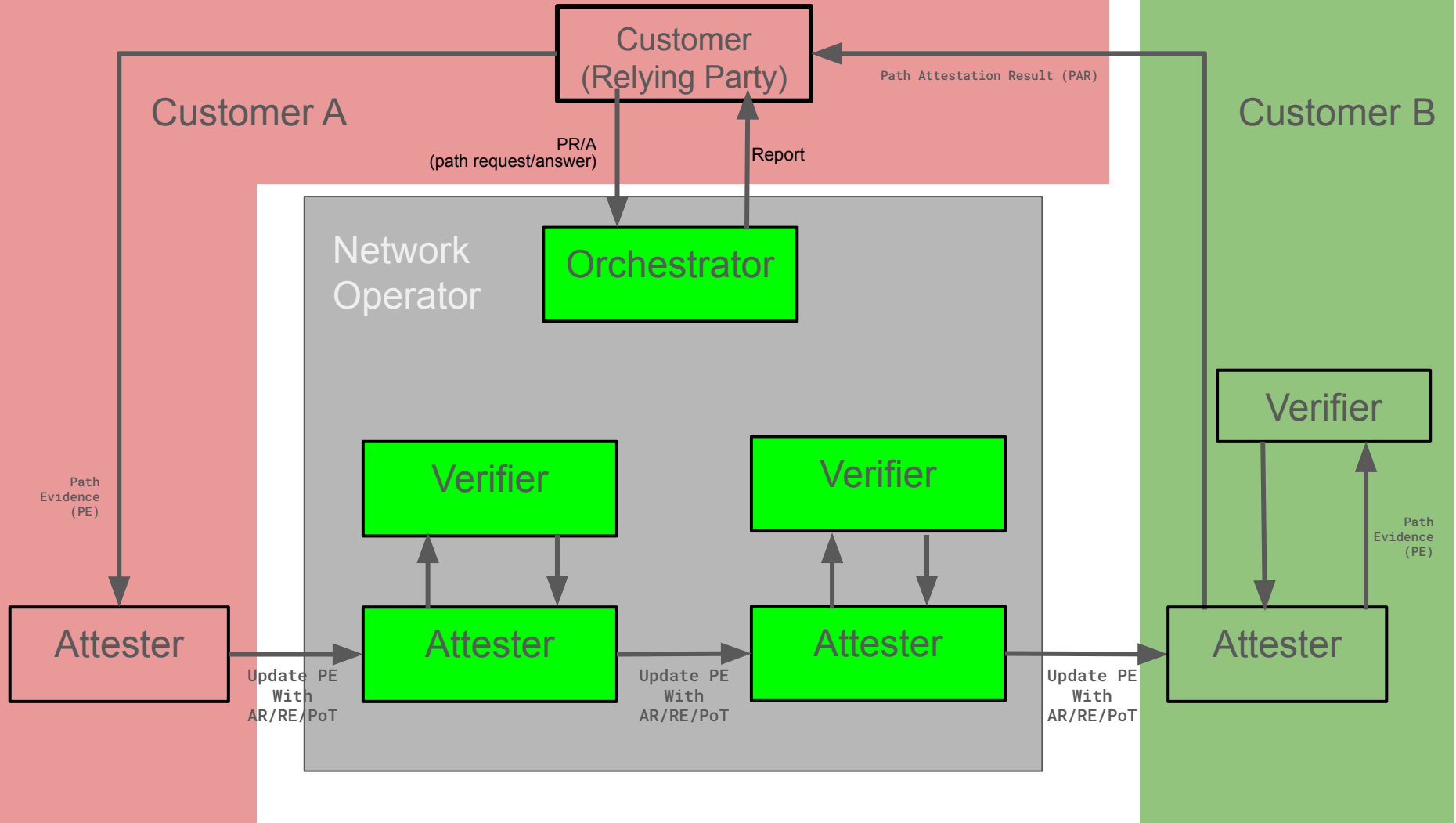


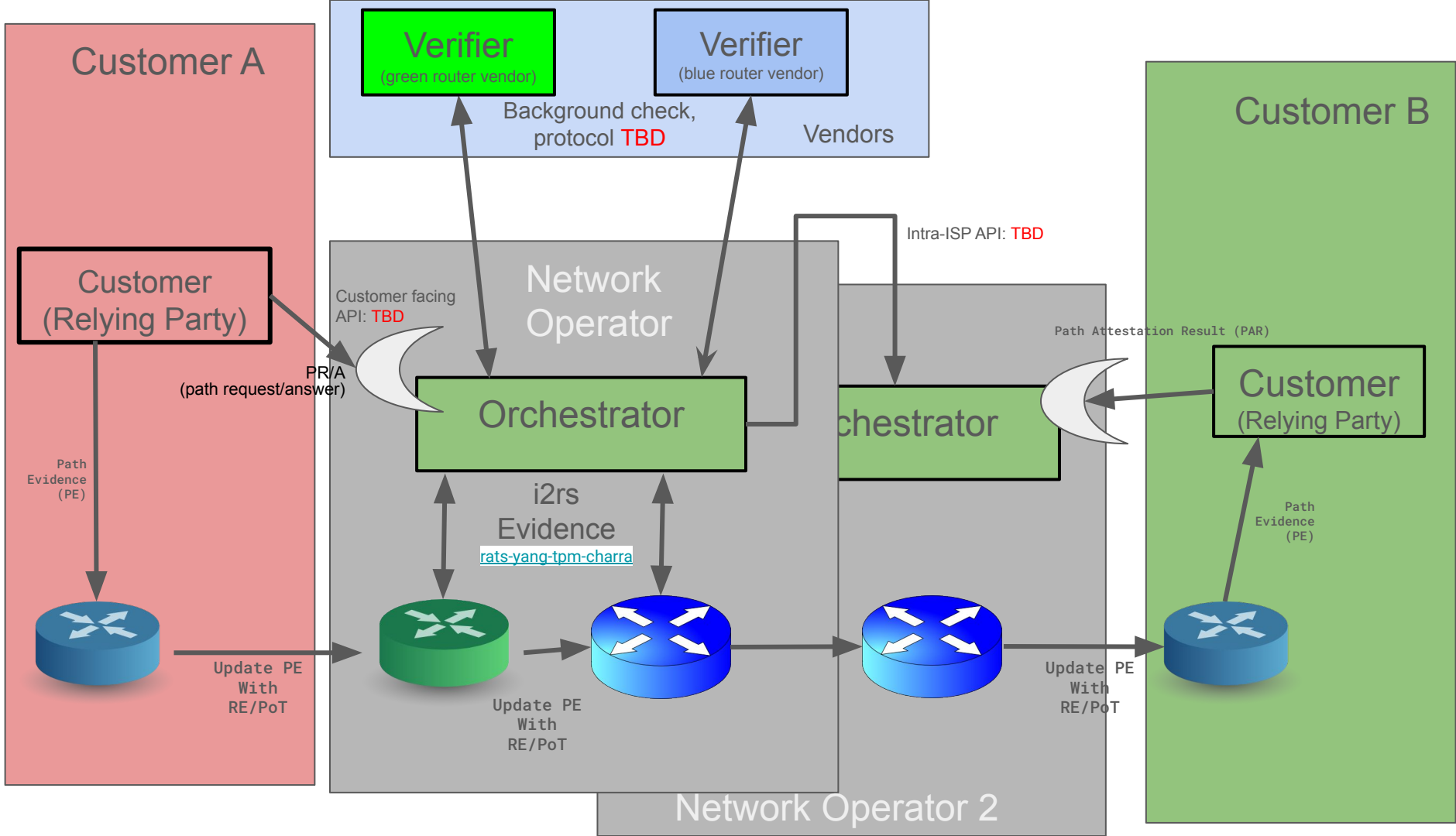
Network Attestation for Secure Routing  
IETF120 - Vancouver - 2024-07-25  
An architectural overview and gap analysis

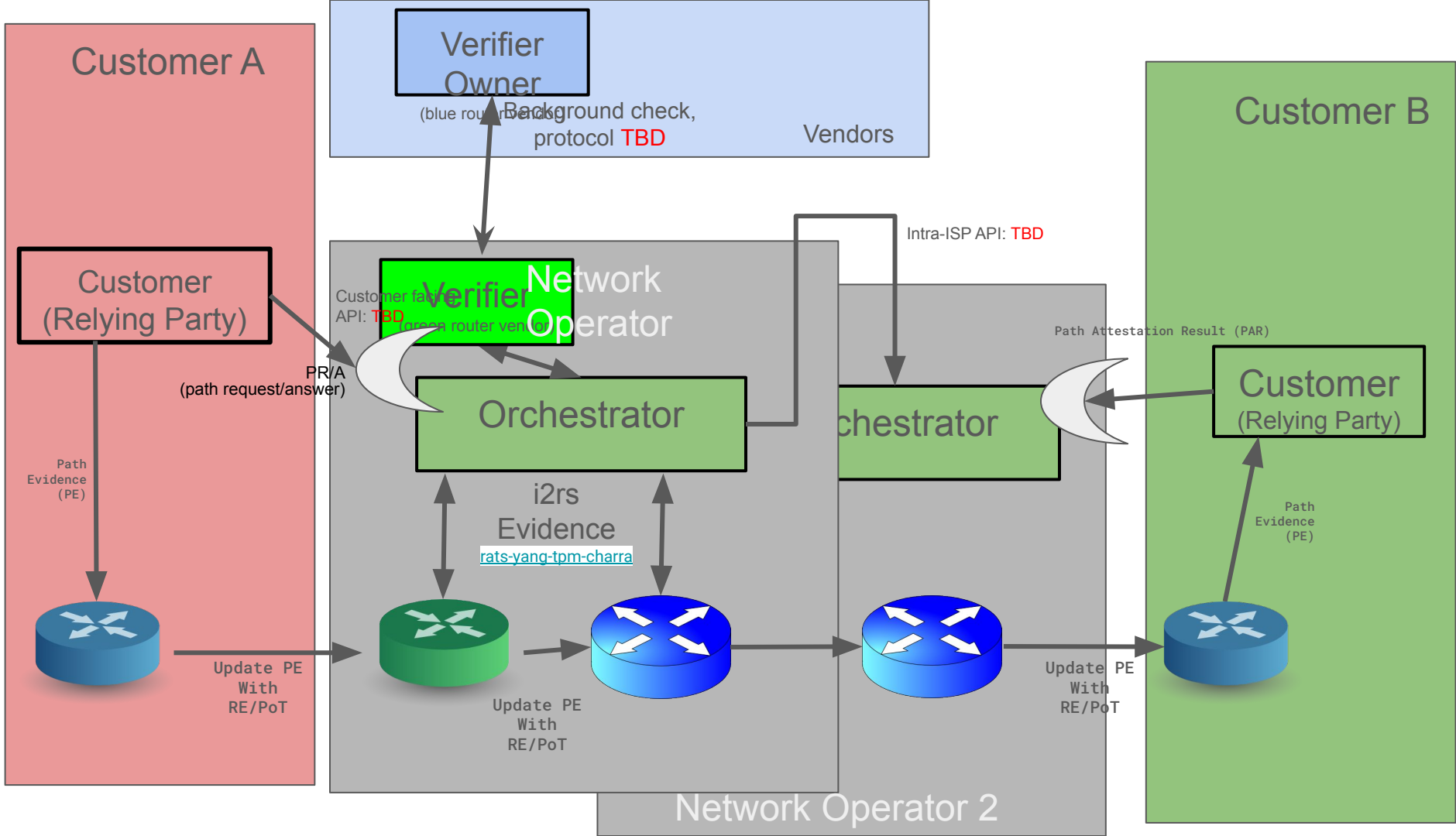
Michael Richardson\*  
<[mcr+ietf@sandelman.ca](mailto:mcr+ietf@sandelman.ca)>

Liuchunchi(Peter)  
<liuchunchi@huawei.com>









# Gap Analysis

## Inside and between the operators

- Router <-> Orchestrator
  - “I2rs”, YANG
  - Draft-ietf-rats-tpm-charra
  - Other options
- Orchestrator <-> Orchestrator
  - Keys for Proof of Transit
  - Multiple Exit  
Discriminator/transition
- Operators and Routing platform vendors
  - Probably background check model

## Between Operators and End Customers

- Initiator customer and operator
- Ending customer and operator

# Questions/Discussion