

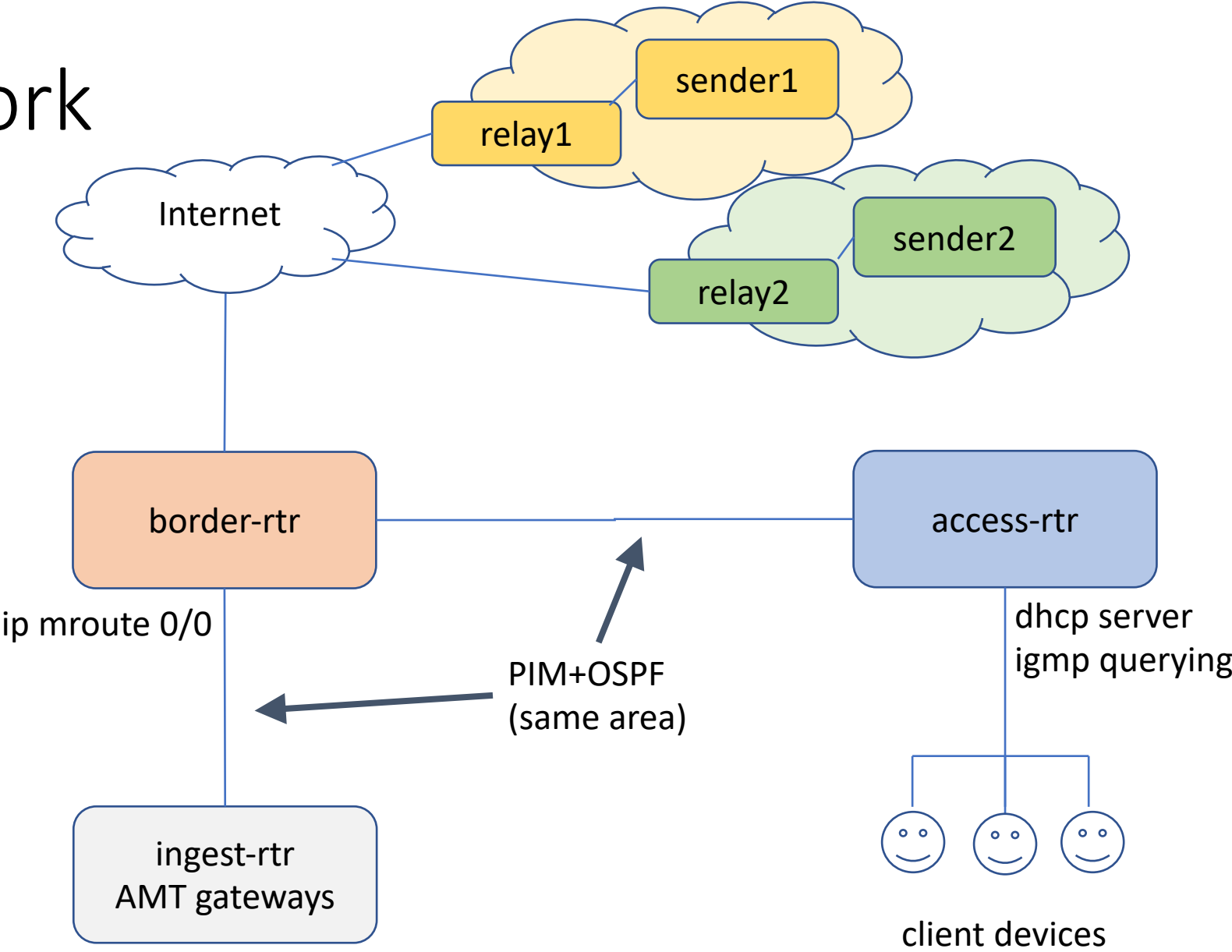
Multicast Ingest Platform

IETF 103 Hackathon

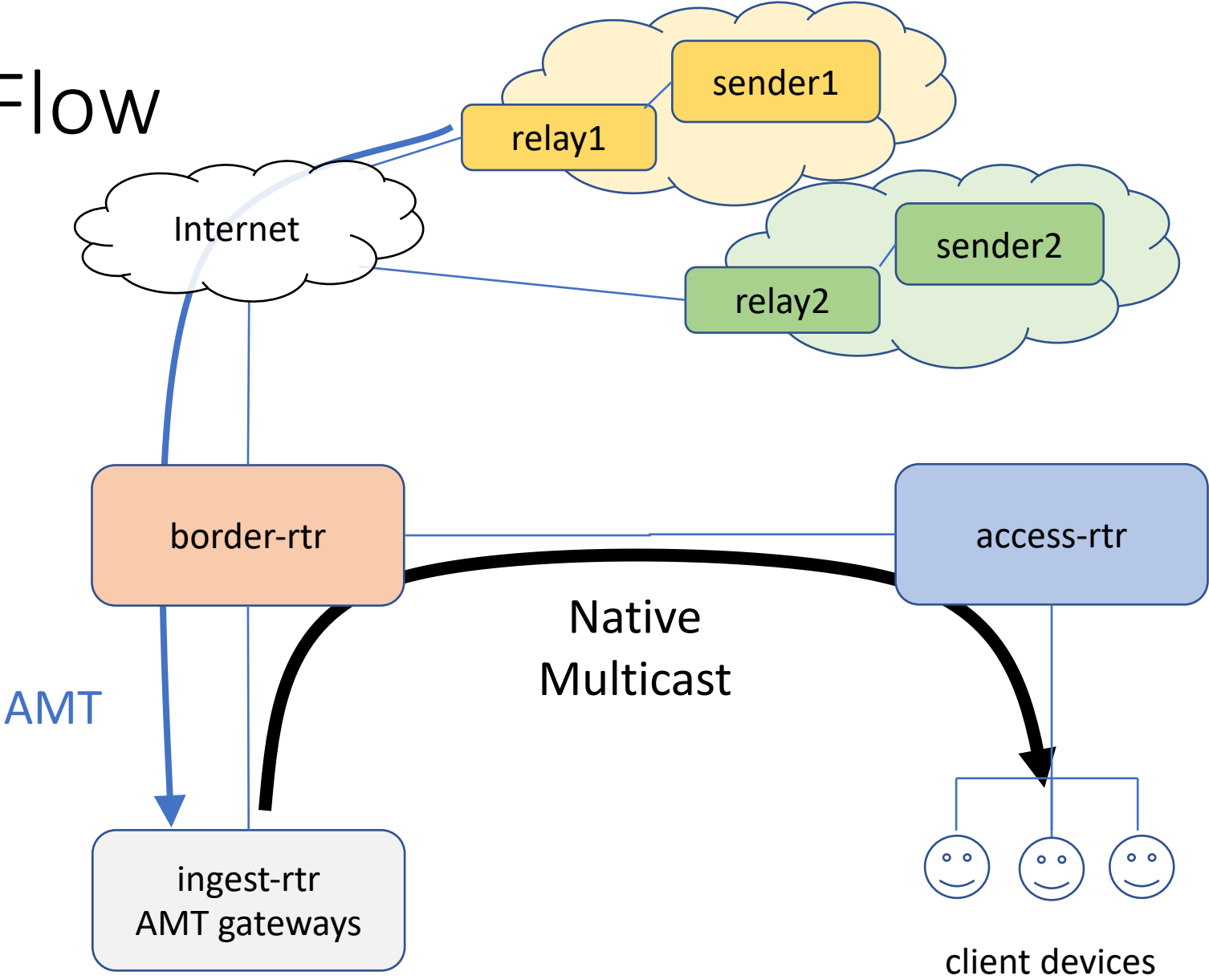
draft-jholland-mboned-driad-amt-discovery-01

Jake Holland

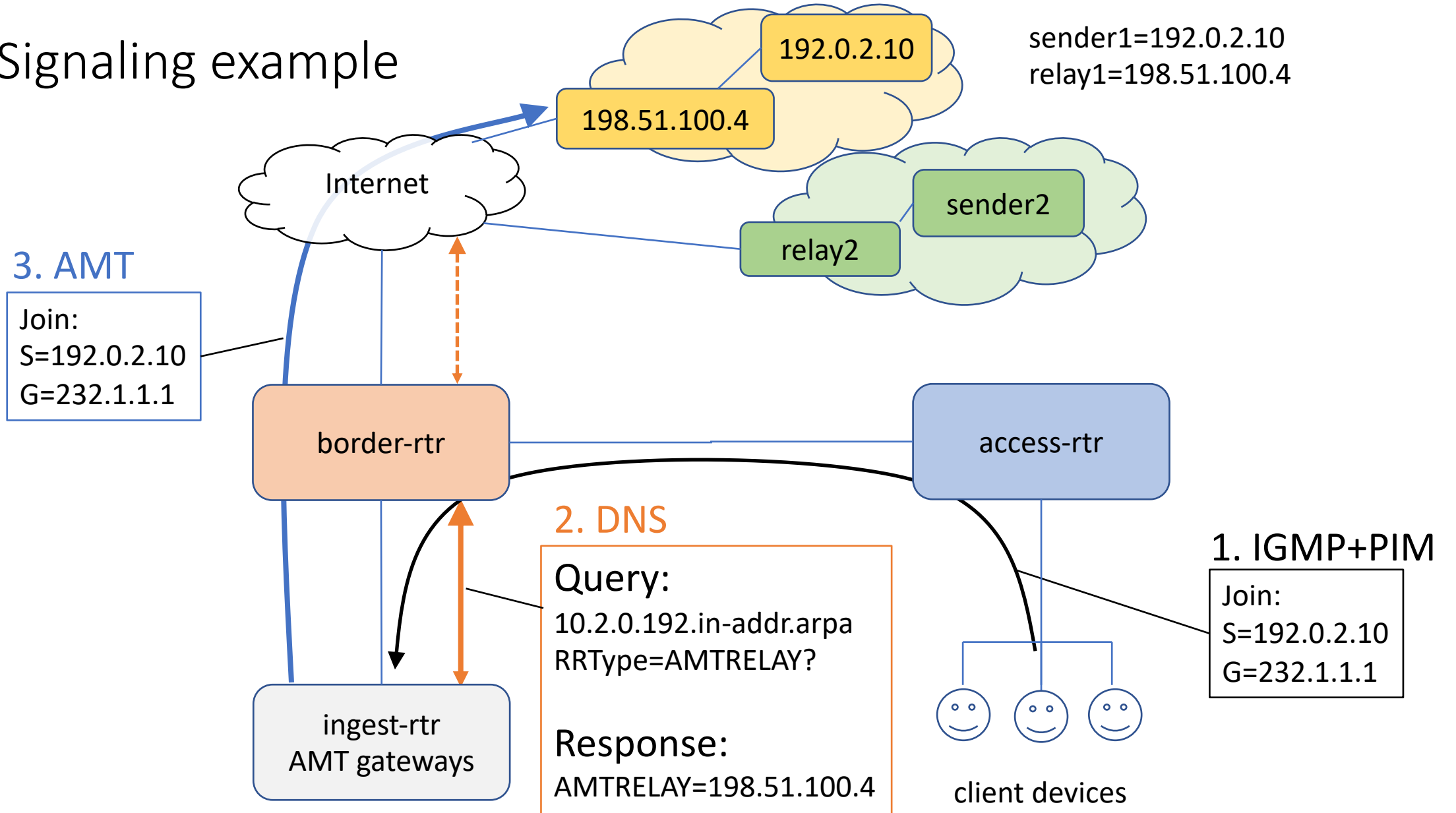
Network



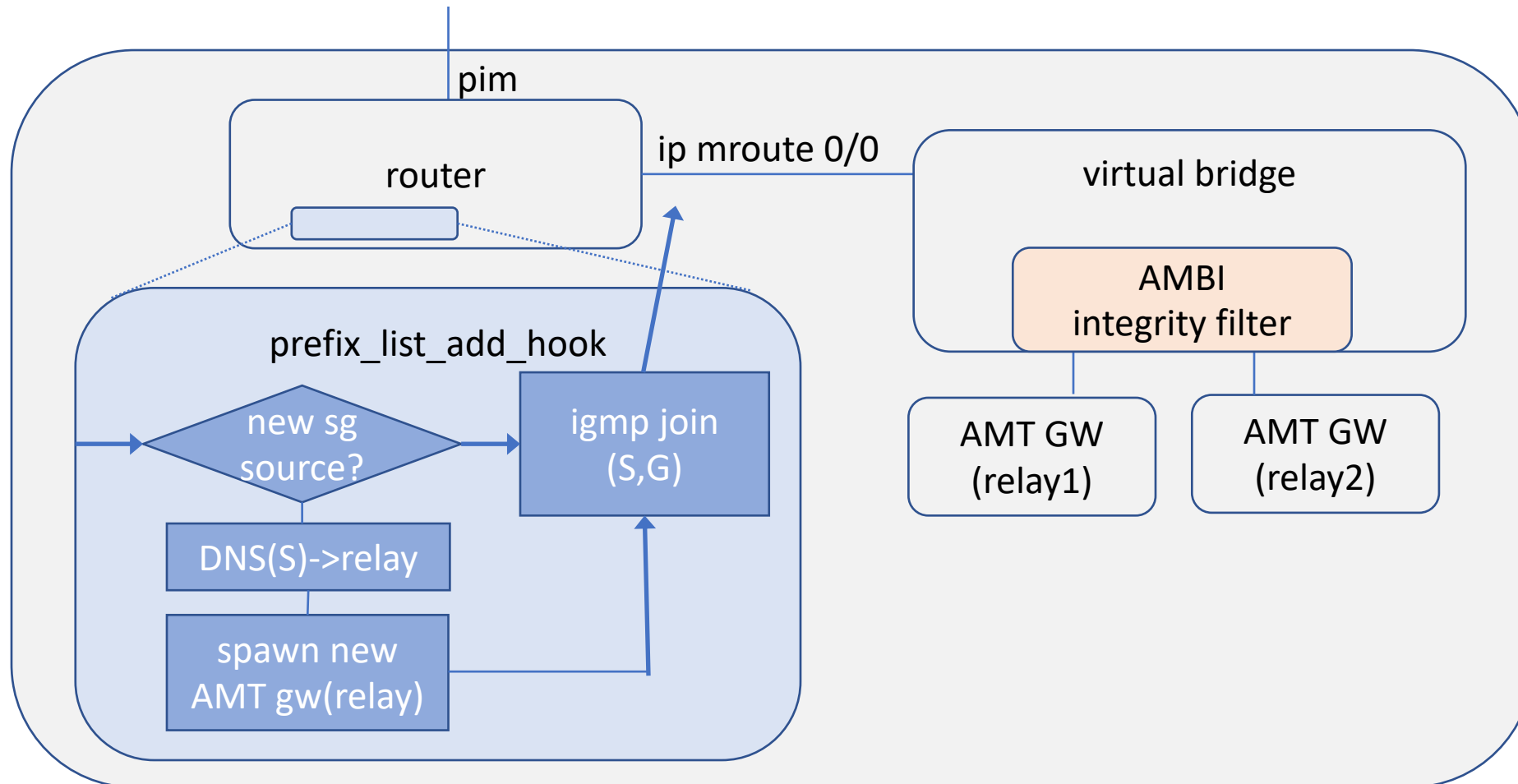
Data Flow



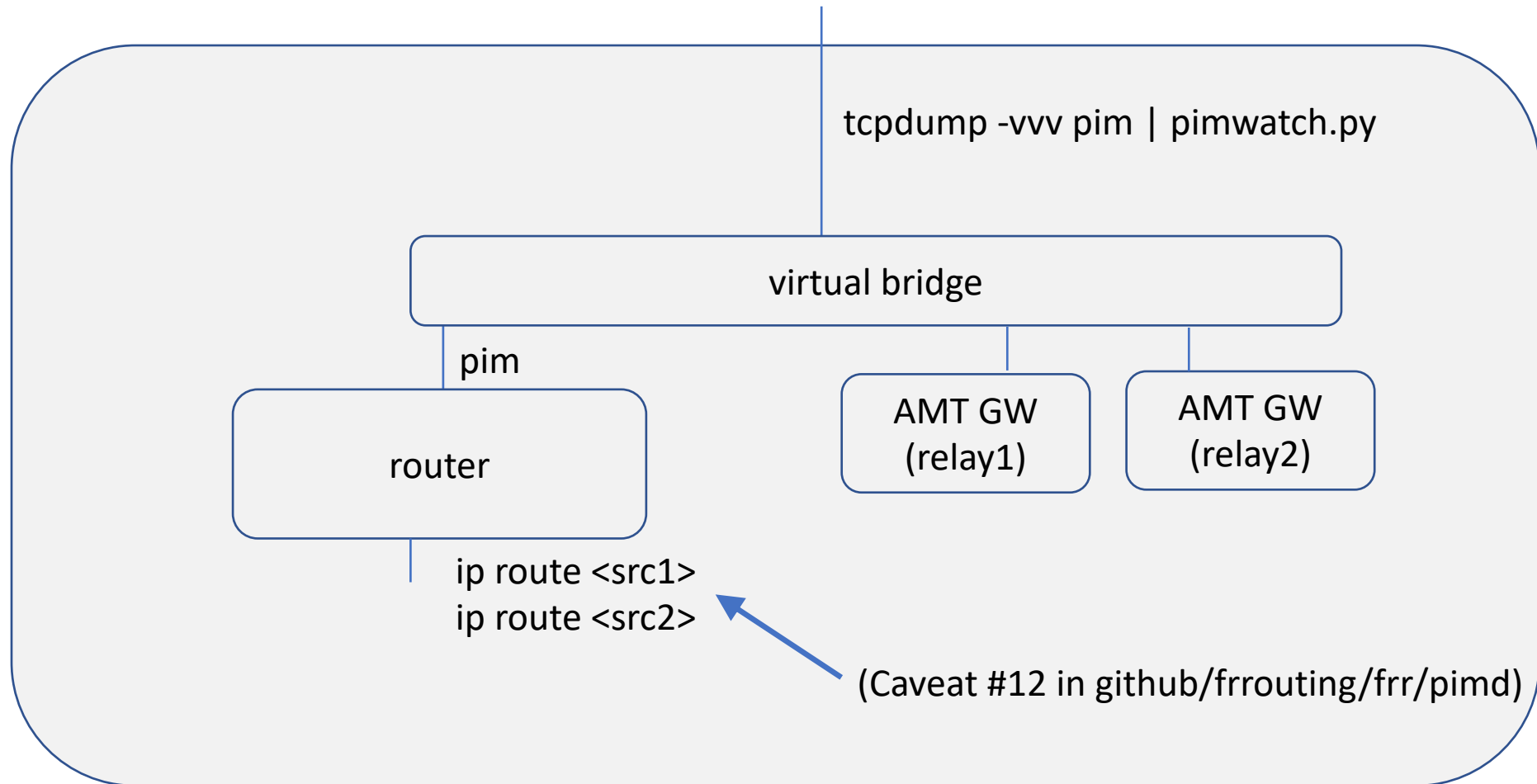
Signaling example



Ingest Platform (in theory)



Ingest Platform (in practice: hack)



No IPv6 (Caveat #6 and #9 in github/frrouting/frr/pimd)

Running Code: ✓

VLC screenshot during hackathon, The Knowledge Network:



Try it: github.com/GrumpyOldTroll/multicast-ingest-platform

Draft: Known Open Issues

draft-jholland-mboned-driad-amt-discovery

- TBD section: local service discovery for LAN AMT
 - SHOULD for gateway implementations instead of reverse DNS?
 - Is “home.arpa” correct for e.g. office LAN? (example ok?)
- Security section: stub descriptions

Next steps

- mboned adoption?
- If so:
 - DNS expert review, draft update
 - Extend source for other platforms
 - better signaling triggers for join/leave