Home Agent Assisted Route Optimization (HAARO) between Mobile IPv4 Networks

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Recap

• Primary problems with RO+Nemo
• Discovering nodes eligible/capable of RO
  – Can’t simply probe every peer node on Internet
    ➔ Home Agent hand out a list of eligible nodes
• Asking for RO on behalf of other nodes
  – ”Please send traffic for this node to me”
    ➔ Trusted Home Agent also knows which nodes represent which networks
Changes since -04

- Lots of clarifications, terms, definitions
- Some functional changes due to lessons learned from ns-3-based simulations
  - Path breakdown detection
  - NAT detection and handling
Questions & comments? Adopt as IETF draft?