History

• Two drafts on ICMPv6 presented at IETF100 (Singapore) and IETF101 (London)
• Then joined forces to work on one single draft.
• Work put aside to finish ipv6-static-header-hc draft
Purpose

• General interest in OAM for IoT
• Start with simple stuff
  – ICMPv6 error messages
  – Ping
  – Traceroute
• Use-cases discussion
  – what messages should go on the LPWAN or be proxied at the Core
• Header Compression
  – Focus on RFC4443
Slide from IETF100

Scenarios considered
Status

• New draft introduces OAM for IoT
• Only keeps Echo Request Code 0
  – Responded to by SCHC Core if Echo Request issued from internet
Next steps

- Discuss use cases on mailing list
  - Is there other simple useful OAM stuff for IoT networks?
- Implement compression Rules and experiment
Thank you!