draft-bartthel-lpwan-oam-schc-00

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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
Scenarios considered

- IPv6
- ICMPv6?
- traceroute
- Echo Request
- Echo Reply?

GW | NS | SCHC core | Internet

IPv6 | ICMPv6?
traceroute | ??
Echo Request | Echo Reply?

LPWAN@IETF100
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!