

draft-barthel-lpwan-oam-schc-00

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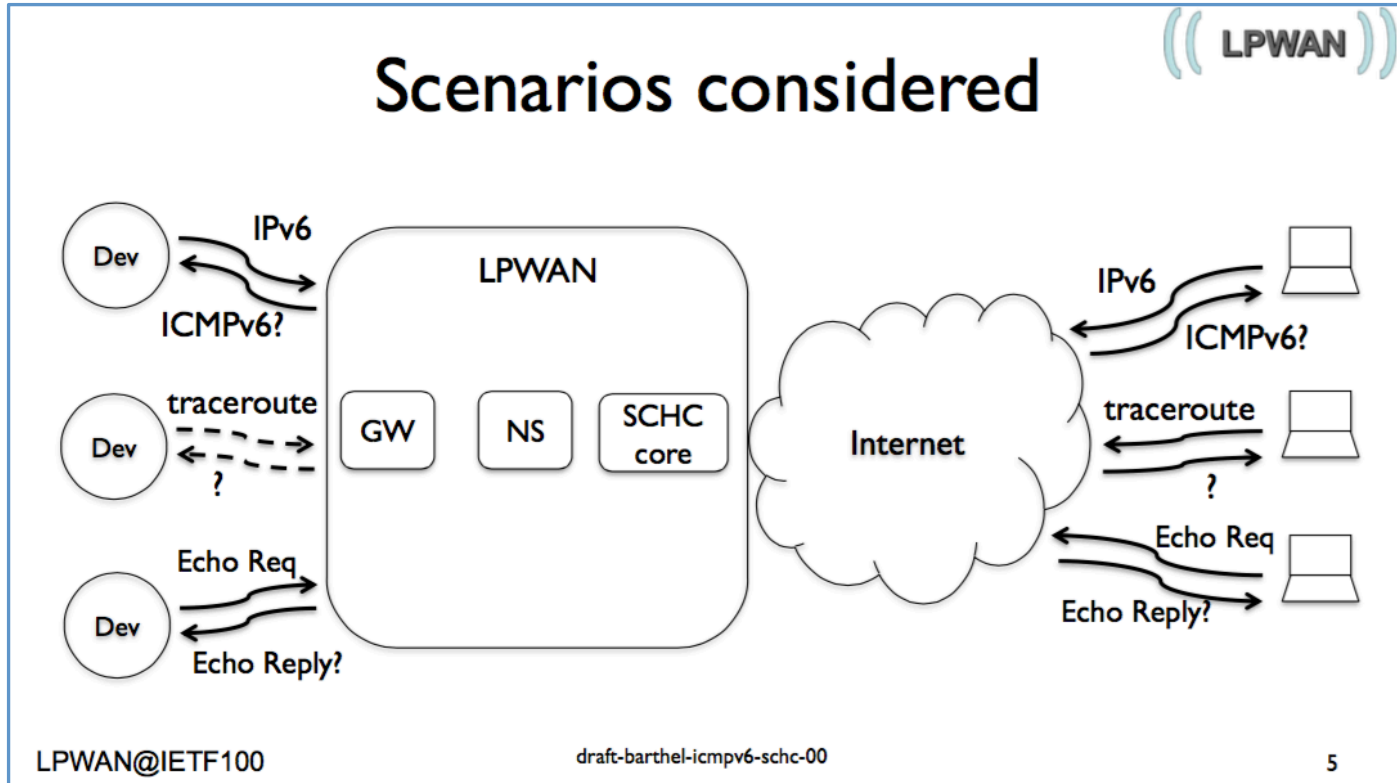
History

- 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

Slide from IETF100



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!