LAKE BoF
(Lightweight AKE for IoT)

Monday, July 22, 2019
IETF 105 in Montreal

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Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- **BCP 9** (Internet Standards Process)
- **BCP 25** (Working Group processes)
- **BCP 25** (Anti-Harassment Procedures)
- **BCP 54** (Code of Conduct)
- **BCP 78** (Copyright)
- **BCP 79** (Patents, Participation)
- [https://www.ietf.org/privacy-policy/](https://www.ietf.org/privacy-policy/) (Privacy Policy)
Agenda

- Administrivia and history – chairs
- Requirements presentation - Göran
- ctls quick intro - Eric Rescorla
- edhoc quick intro - Göran
- charter and usual BoF questions – chairs
- Requirements discussion / More charter discussion
- Chair summary + ADs
- AOB
Process

• No decision has been made yet.
  – Forming a WG is not a foregone conclusion.
  – The most important output of this meeting is whether we are recommending to the IESG to form a working group.
• If the answer is yes, we are still not deciding which solution will serve as a starting point.
  – The presentations here are for grounding the conversation.
• A recommendation on charter and requirements is a desirable output of this session.
EDHOC Timeline

Motivated by ACE WG

IETF 103 (2018-11-06)
Defer ACE WG Call for Adoption in favor of SecDispatch

Formal Verification on -08 (2018-11-26)
https://alessandrobruni.name/papers/18-edhoc.pdf

Robust Mailing List Conversation (2018-12 to 2019-02)
See: ACE and SECDISPATCH LIST

CRFG Review on -12 (2019-02-26)
https://mailarchive.ietf.org/arch/msg/cfrg/6WN2C2RYGTIAInE2jIUco6L9pO8

SecDispatch Virtual Interim (2019-03-05)
Presentations
Proposed Charter

See link
The Big Questions

The word “you” in the following slide refers to all the people in the room.
The Big Questions

• Do you understand the issue?
  – Is the scope well-defined?

• Is this a problem that needs solving?
  – That means that existing stuff doesn’t solve the problem already.

• Is the IETF the right place to solve this?

• How many people are willing to:
  – Contribute text?
  – Review?
The Big Questions

• Do we understand what the deliverables are?
  – Are those the correct deliverables?
• Does the proposed working group have a reasonable probability of success.
More Discussion