

Joint LAKE / ACE session @ IETF 116

30 March 2023

This session is being recorded

IETF 116 Yokohama
hosted by

WIDE
PROJECT

Internet Engineering Task Force
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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/> (Privacy Policy)



Getting Organized

- LAKE slot
 - 09:30-10:30 JST (00:30-01:30 UTC)
- ACE slot
 - 10:30-11:30 JST (01:30-02:30 UTC)

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IETF 116 Meeting Tips

In-person participants

- Make sure to sign into the session using the Meetecho (usually the “Meetecho lite” client) from the Datatracker agenda
- Use Meetecho to join the mic queue
- *Keep audio and video off if not using the onsite version*
- **Wear masks unless actively speaking at the microphone.**



Remote participants

- Make sure your audio and video are off unless you are chairing or presenting during a session
- Use of a headset is strongly recommended

Resources for IETF 116

- Agenda
<https://datatracker.ietf.org/doc/agenda-116-lake/>
- Remote participation (Meetecho)
<https://meetings.conf.meetecho.com/ietf116/?group=lake&short=lake&item=1>
- Notes
<https://notes.ietf.org/notes-ietf-116-lake>
- Zulip
<https://zulip.ietf.org/#narrow/stream/lake>

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Update from RealWorldCrypto in Tokyo



Marc ilunga
@MarciIlunga

Honored to appear in the famous rwc live Twitter thread by
[@durumcrustulum](#) 😊



Deirdre Connolly^{1 2} @durumcrustulum · Mar 27

eprint.iacr.org/2022/1705.pdf

#RealWorldCrypto

[Show this thread](#)

Conclusion

- EDHOC is a LAKE for constrained environments with new security challenges
- Our contributions:
 - Strong security model for the LAKE setting
 - Security analysis and proof that EDHOC(SIG-SIG) is a secure LAKE in a strong adversarial model
 - Design contributions to EDHOC
- LAKE WG highly welcoming of security analysis and inputs

See EuroS&P 2023 Paper
([eprint ia.cr/2022/1705](https://eprint.iacr.org/2022/1705))
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LAKE Agenda

- Administrivia and agenda bash
 - chairs, 5 mins
- EDHOC & traces, updates & open issues
 - John Preuß Mattsson & Göran Selander, 15 mins
- EDHOC rekeying
 - John Preuß Mattsson, 15 mins
- Simplifying deployment of draft-selander-lake-authz
 - Göran Selander, 10 mins
- New LAKE charter open discussion
 - chairs, 15 mins
- AOB