

IETF 110

Administrative and Operations Plenary



I E T F[®]

Making the Internet work better

IETF 110 Online Meeting Tips



For participants joining by Meetecho:

- Your audio will be muted and video will be off when you join
- Unmute only when you are recognized in the queue
- Video is welcome when you are speaking in the queue
- Use of a headset is strongly recommended
- More details:
<https://www.ietf.org/how/meetings/110/session-participant-guide/>

Agenda



- **Welcome**
- **Host presentation** Google
- **Brief updates**
 - **IETF** Alissa Cooper
 - **IAB** Mirja Kühlewind
 - **IRTF** Colin Perkins
 - **NomCom** Barbara Stark
 - **IETF LLC** Jay Daley, Jason Livingood
 - **IETF Trust** Glenn Deen

Agenda



- **Applying and Evolving QUIC**
- **Recognition**
- **Internet Engineering Steering Group (IESG) open microphone session**
- **Internet Architecture Board (IAB) open microphone session**
- **IETF Administration LLC open microphone session**



Thank you to our meeting host!

Google



Thank you to everyone who helped make this meeting happen!

Secretariat

Meetecho

NOC

LLC

Tools Team

Hackathon Support



IETF Chair Report

Alissa Cooper

IETF Chair Report

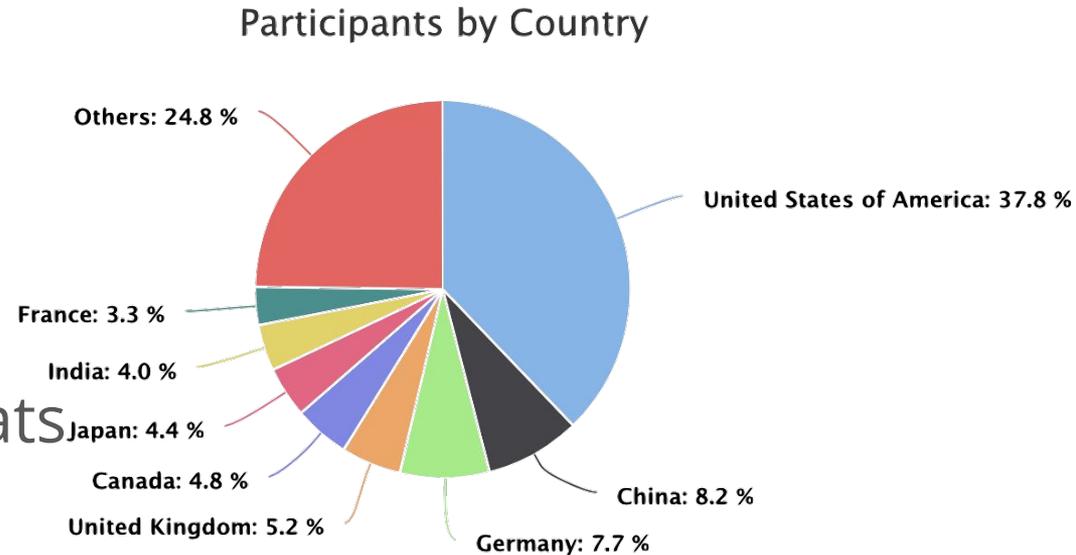


- Participant statistics
- Impact of COVID-19
- Planning for future meetings

IETF 110 participant statistics



- 1259 registrations
- 276 fee waivers
- 279 Hackathon registrations (24 projects)
- Detailed attendance stats will be posted after the meeting is over



Meeting attendance 2019-2020



E T F[®]

IETF Meeting Attendance by Region

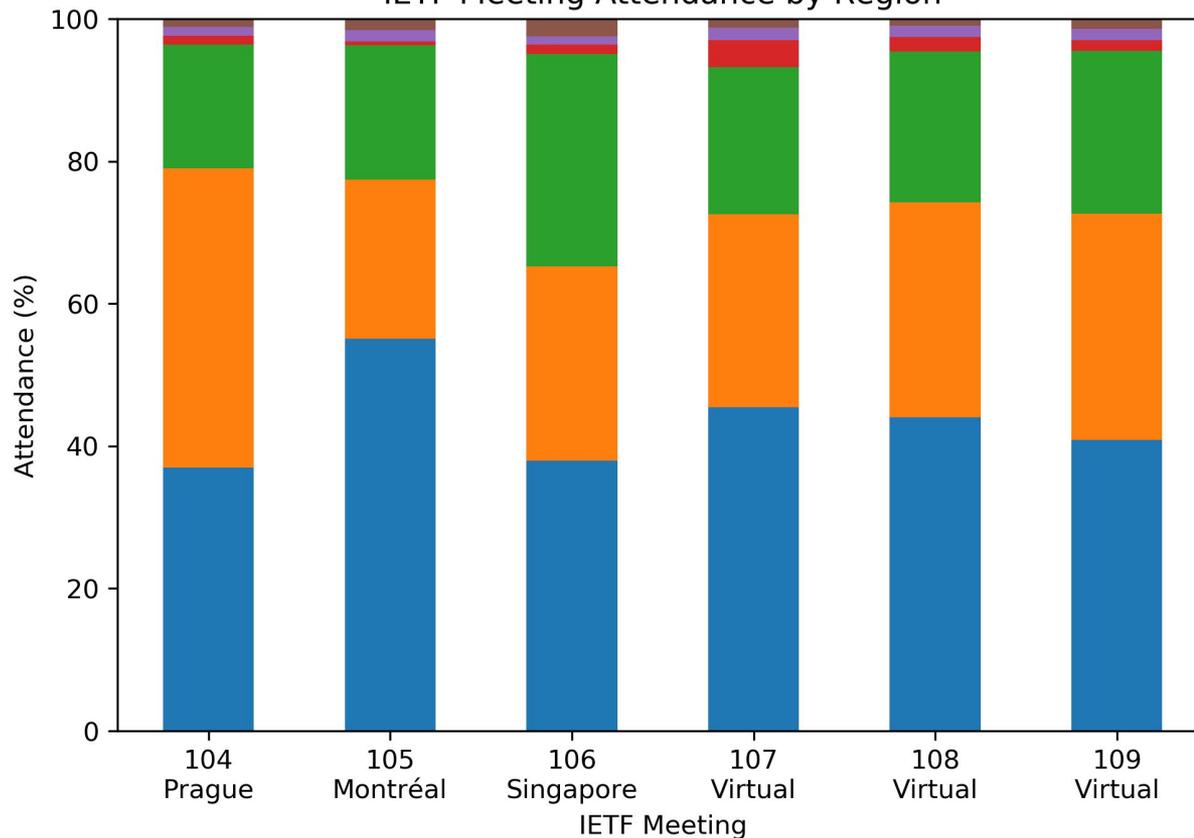


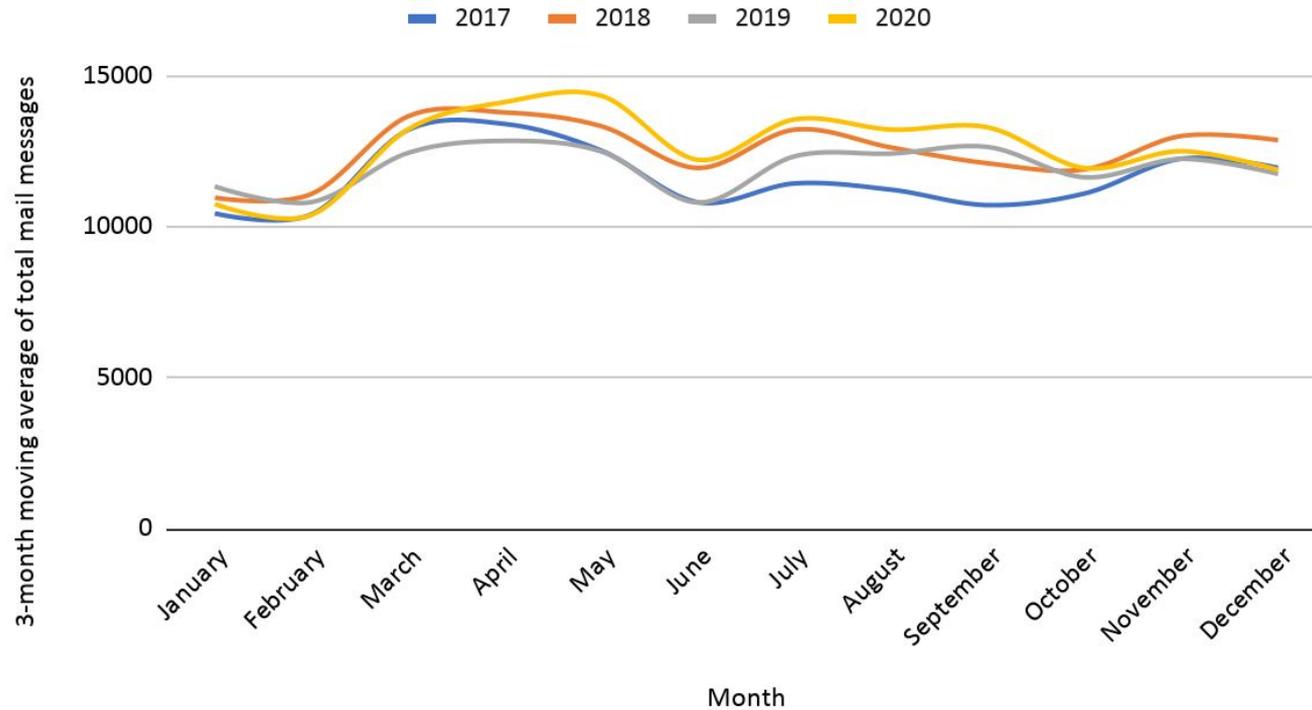
Chart credit:
Nick Doty - <https://npdoty.name>

More info:
<https://dataactive.github.io/bigbang/>
<https://github.com/glasgow-ipl/ietfdata>

Impact of COVID-19



Mail messages

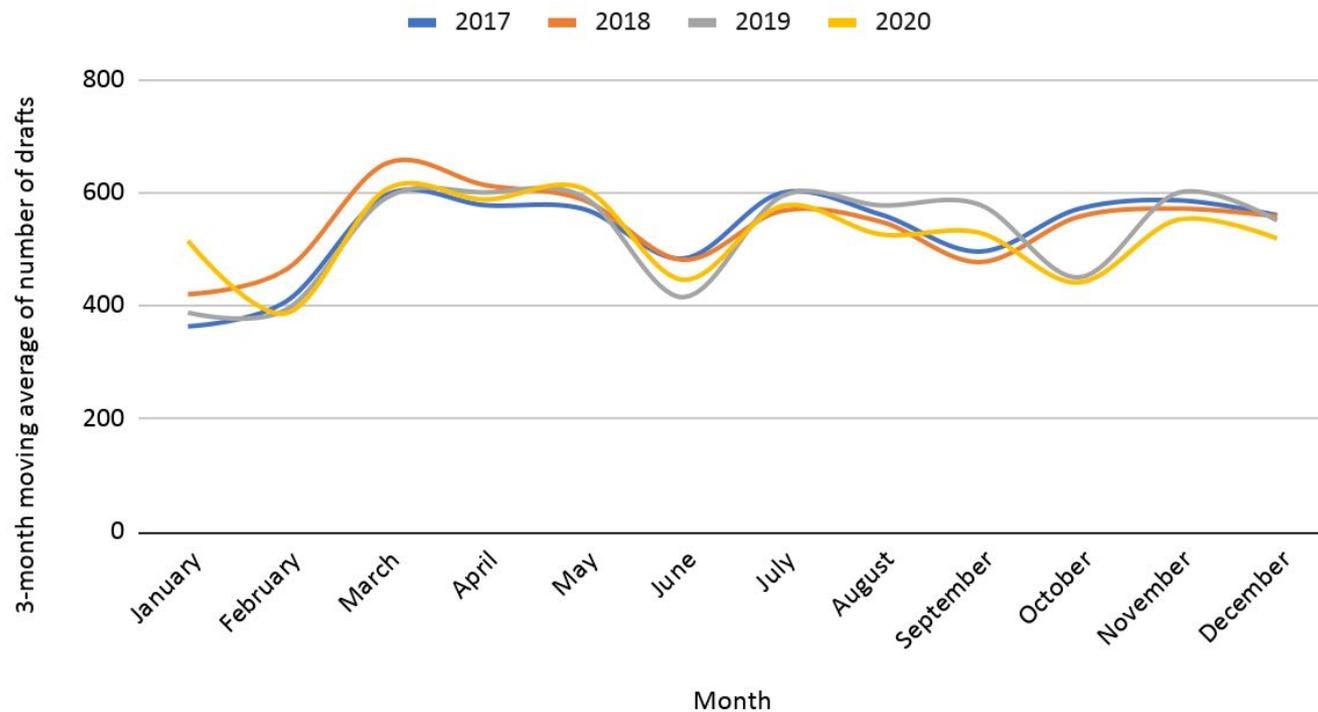


Year	Total mail messages
2017	140,162
2018	151,820
2019	143,018
2020	151,949

Impact of COVID-19



Internet-drafts published

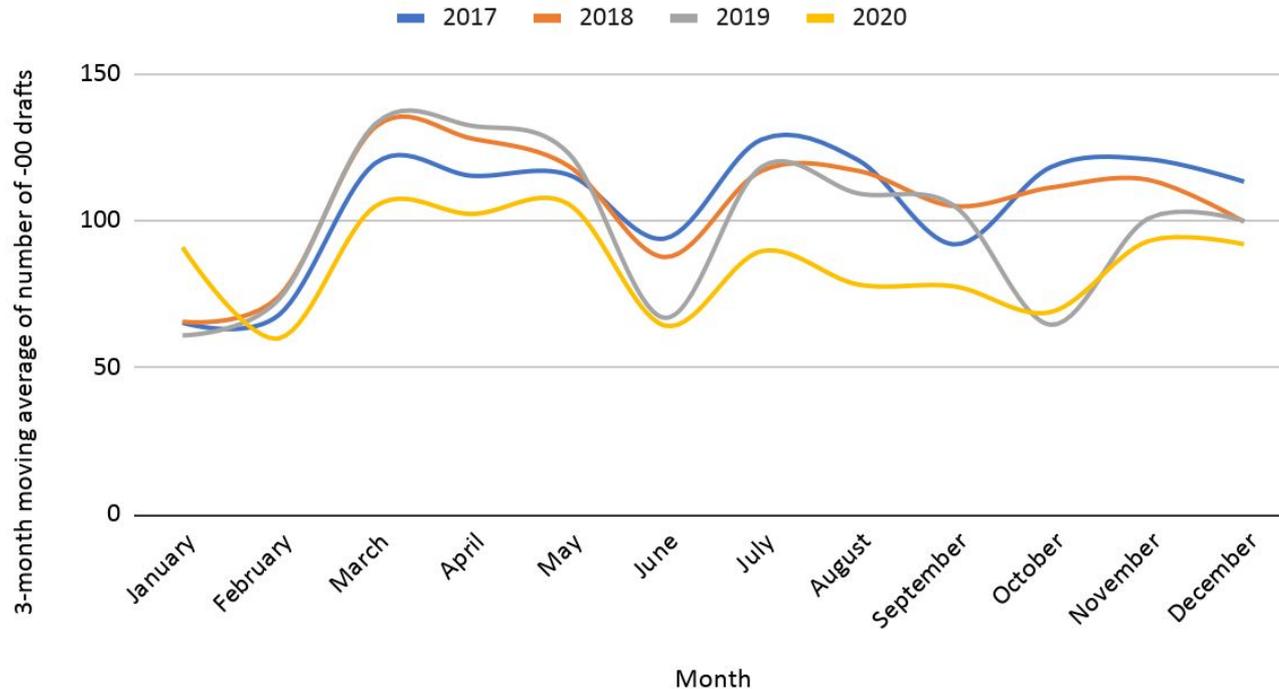


Year	Total I-Ds published
2017	6412
2018	6510
2019	6411
2020	6303

Impact of COVID-19



-00 Internet-drafts published



Year	Total -00 I-Ds published
2017	1257
2018	1273
2019	1215
2020	1017

Planning for future meetings



Decision process for moving IETF 111 online [began](#) with community consultation last week.

Feedback welcome on manycouches@ietf.org.

Planning for future meetings



Tools feedback

Reporting issues

- support@ietf.org (ticket queue)

Feature requests

- tools-discuss@ietf.org (mailing list)

Survey

Please fill out the IETF 110 meeting survey when it opens!

Stay Home Meet Only Online (SHMOO) working group

Guidelines

- Meeting fees
- Async meetings
- Meeting cadence and length
- Hackathon
- Cancellation considerations
- Show-of-hands tool

List: manycouches@ietf.org

Topics covered online

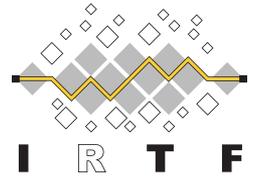


- Appeals (0)
- And more, plus reports from the IAB, IETF LLC Board, Secretariat, and IANA:
<https://datatracker.ietf.org/meeting/materials/>
- IETF Blog: <https://www.ietf.org/blog/>



Internet Architecture Board (IAB)

Mirja Kühlewind



Internet Research Task Force (IRTF)

Colin Perkins



Nominating Committee (NomCom)

Barbara Stark



IETF Administration LLC

Jay Daley, Jason Livingood



IETF Trust

Glenn Deen



Applying and Evolving QUIC

Magnus Westerlund

QUIC Version 0x00000001 & HTTP/3

Recently Approved

[draft-ietf-quic-transport-34](#), [draft-ietf-quic-tls-34](#), [draft-ietf-quic-recovery-34](#) [draft-ietf-quic-invariants-13](#), [draft-ietf-quic-http-34](#), [draft-ietf-quic-qpack-21](#)

Almost 5 years since BOF

- 2256 issues on GitHub
- 8492 emails
- 13 IETF Meeting
- 10 Interim meetings
- 21 Interoperability drafts, 20+ implementations, Slack Discussion
- 6 High Quality documents

Some friction in IETF Last Call and IESG Review with GitHub process (beyond RFC 8874 & 8875)

Thanks to all involved!

What Now?

HTTP/3 usage is already extensive

Will Grow

Will Evolve

In more HTTPS usages

Use QUIC as a Transport Protocol for your protocol

Ongoing in IETF:

[DNS over QUIC](#)

[MASQUE](#)

More under discussion

Time for you to use QUIC?

Going Forward

Application Mappings (like HTTP/3) on QUIC

- Do it in your own WG, SDO, Organization
- Read [draft-ietf-quic-applicability-10](#)
- Consult the QUIC WG if you have questions
- QUIC Extensions needs discussion
- Register code points with IANA (Early Please)

QUIC Rechartering

- Maintenance and evolution of base specifications
 - Operational documents
 - General Extensions
-



Recognition

Outgoing IAB members - Thank you!



Alissa



Jeff



Mark



Stephen

Outgoing IESG members - Thank you!



Barry



Deborah



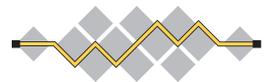
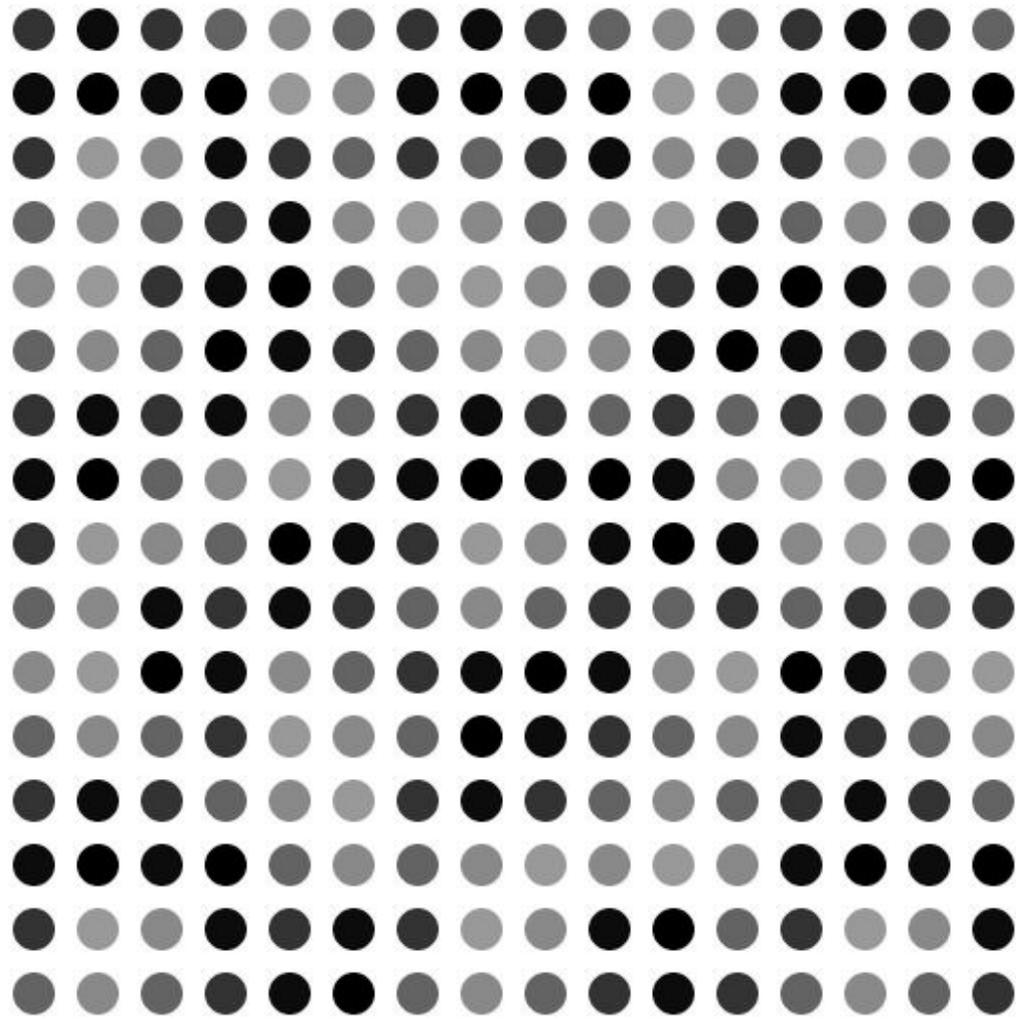
Magnus



Thank you, Alissa!



Internet Engineering Steering Group (IESG)



I E T F[®]

IESG Open Mic



I E T F®

ART

RTG

TSV

INT

OPS



Murray



Martin



Martin



Erik



Rob



Francesca
incoming



Alvaro



Zahed
incoming



Éric



Warren



Barry
outgoing



John
incoming



Magnus
outgoing



Benjamin



Lars
incoming



Deborah
outgoing



Mirja
*ex-officio
IAB Chair*



Roman



Alissa
outgoing

SEC

GEN



Internet Architecture Board (IAB)

IAB Open Mic



Jari



Ben



Deborah
incoming



Lars
incoming



Wes



Cullen



Mirja
IAB Chair



Zhenbin



Jared



David
incoming



Alissa
outgoing



Jeff
outgoing



Jiankang



Mark
outgoing



John
*Temporary
RFC Series
Project
Manager*



Tommy



Russ
incoming



Stephen
outgoing



Colin
*ex-officio
IRTF Chair*



IETF Administration LLC Open Microphone Session

LLC Open Mic



Maja
Andjelkovic



Lars
Eggert



Jason
Livingood,
Chair



Sean
Turner,
Treasurer



Peter
Van Roste