IETF 109
Administrative and Operations Plenary

Making the Internet work better
IETF 109 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
Agenda

• Welcome
• Brief updates
  • IETF  Alissa Cooper
  • IAB  Mirja Kühlewind
  • IRTF  Colin Perkins
  • NomCom  Barbara Stark
  • IETF LLC  Jay Daley, Jason Livingood
Agenda

• In Memoriam

• Jonathan B. Postel Award

• 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!
Thank you to everyone who helped make this meeting happen!
IETF Chair Report

Alissa Cooper
IETF Chair Report

- Impact of COVID-19
- Participant statistics
- Planning for future meetings
- Birds of a Feather (BOF) request process for IETF 110
Impact of COVID-19

Mailing List Messages Posted
3-month moving average

- 2019
- 2020

Number of messages:

- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December

Month
Impact of COVID-19

Internet-Drafts Posted

3-month moving average

Number of drafts

Month

January  February  March  April  May  June  July  August  September  October  November  December

2019  2020
Impact of COVID-19

00 Internet-Drafts Posted

3-month moving average

Month

Number of drafts

2019 2020
Have we tried unplugging 2020, waiting ten seconds, and plugging back in?
Have we tried unplugging 2020, waiting ten seconds, and plugging back in?
IETF 109 participant statistics

- 1246 registrations
- 250 fee waivers
- 284 Hackathon registrations (24 projects)
- Detailed attendance stats will be posted after the meeting is over
Planning for future meetings

IETF 110 will be an online meeting
March 8-12, 2021
### Planning for future meetings

#### Tools feedback
- Reporting issues (ticket queues)
  - Meetecho: [tickets@meeting.ietf.org](mailto:tickets@meeting.ietf.org)
  - Jabber: [mtd@ietf.org](mailto:mtd@ietf.org)
- Feature requests
  - [tools-discuss@ietf.org](mailto:tools-discuss@ietf.org) (mailing list)

#### Stay Home Meet Only Online (SHMOO) working group

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

**Survey**
Please fill out the IETF 109 meeting survey when it opens!

**Meeting**
- Meeting: Friday, Nov 20, 5:00-7:00 UTC
- List: [manycouches@ietf.org](mailto:manycouches@ietf.org)
# Birds of a Feather (BOF) timeline for IETF 110

<table>
<thead>
<tr>
<th>Date</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>January 12</td>
<td>BOF request deadline</td>
</tr>
<tr>
<td></td>
<td>• Send email to <a href="mailto:iesg@ietf.org">iesg@ietf.org</a> and post an entry in the BOF wiki at <a href="https://trac.tools.ietf.org/bof/trac/wiki">https://trac.tools.ietf.org/bof/trac/wiki</a></td>
</tr>
<tr>
<td>January 14</td>
<td>IESG and IAB preliminary assessments</td>
</tr>
<tr>
<td>January 14-27</td>
<td>ADs and IAB shepherds work with proponents as necessary</td>
</tr>
<tr>
<td>January 28</td>
<td>IESG makes final assessments</td>
</tr>
<tr>
<td>January 29</td>
<td>BOF approval deadline</td>
</tr>
</tbody>
</table>
Topics covered online

• Appeals (1)
• 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 Architecture Board (IAB) Report

IAB Chair: Mirja Kühlewind
IETF-109 Online Meeting - Plenary
IAB Report

The full IAB report can be found on the IAB webpage and in the IETF-109 proceedings:


This presentation covers

- IABopen meeting (held yesterday)
- COVID-19 Network Impacts workshop (held last week)
- Appointments and Open Calls
The IAB held yesterday for the second time the IAB Open Meeting in order to increase interaction with the community.

The agenda covered IAB drafts, workshops, and programs. Slides are available in the proceedings: https://datatracker.ietf.org/meeting/109/session/iabopen

Feedback is welcome to iab@iab.org.

Public discussions on architecture-discuss@iab.org.
IAB workshop on COVID-19 Network Impacts

● Workshop took place online Nov 9-13.

● Recordings of all three sessions are available online.
  ○ Session 1 - Measurement and Observation: https://youtu.be/RTJNaE7TnGA
  ○ Session 2 - Operational Issue: https://youtu.be/tleJq1_SGXm
  ○ Session 3 - Future/Conclusions/Parking Lot: https://youtu.be/KCwUBQAkEww

● Report is work in progress.
Appointments and Open Calls

- Thanks to Tim April for serving on the ICANN Root Zone Evolution Review Committee (RZERC)!


- The call for nominations for two appointments to the Internet Society Board of Trustees is open now (deadline is Jan 5, 2021): [https://www.iab.org/2020/11/10/call-for-nominations-ietf-appointment-to-the-isoc-board-of-trustees-7/](https://www.iab.org/2020/11/10/call-for-nominations-ietf-appointment-to-the-isoc-board-of-trustees-7/)
Internet Research Task Force (IRTF)

Colin Perkins
Internet Research Task Force
Plenary Report

Colin Perkins
IRTF Chair

IETF 109 / 18 November 2020
The IRTF conducts research; it is not a standards development organisation

“An IRTF Primer for IETF Participants” – RFC 7418
Applied Networking Research Prize (1/2)

- Awarded to recognise
  - the best recent results in applied networking
  - interesting new research ideas of potential relevance to the Internet standards community
  - and upcoming people that are likely to have an impact on Internet standards and technologies

  with particular focus on people or ideas that would not otherwise get much exposure or be able to participate in the discussion

- Details and how to nominate: https://irtf.org/anrp/
- Nominations for ANRP 2021 awards open until 22 November
Applied Networking Research Prize (2/2)

- Three ANRP prize winning talks in IRTF Open Meeting on Friday:
  - **Debopam Bhattacherjee** for his work on the design of network topologies for low-earth orbit satellite constellations
  - **Georgia Fragkouli** for her work on Internet transparency
  - **Ranysha Ware** for her work on congestion control fairness

- Details and how to nominate: [https://irtf.org/anrp/](https://irtf.org/anrp/)
- Nominations for ANRP 2021 awards open until 22 November
Nominations Committee (NomCom)

Barbara Stark
NomCom 2020-21

Barbara Stark
NomCom Chair
IETF 109 Plenary, November 2020
NomCom Status

We have an awesome and dedicated group of people on NomCom this year.
And an amazing set of highly-qualified nominees.
We have held 43 WebEx interviews, and have just 1 more scheduled (later “today”).
Community feedback period ends Friday -- feel free to define “Friday” for yourself because I won’t push the off button till my Saturday.
NomCom web page (use for info and to provide feedback):
https://datatracker.ietf.org/nomcom/2020/
The Remaining Schedule

Friday, November 20, 2020: Deadline for community feedback

<many hours of deliberation>

Monday, December 21, 2020: The selection process completes and sends slate to confirming body. (NomCom's aspirational date -- actually we're aspiring to something earlier because we all really need a vacation from this year.)

<confirming bodies decide whether to confirm the slates we sent them>

March 6-12, 2021: IETF 110 NomCom reports. And there was much rejoicing.
Some Statistics (food for thought)

26 of 40 nominees (65%) (3 people had multiple interviews for different positions) were identified by Calendly as being in 3 North America time zones.

12 of 40 (30%) were identified as being in 3 European time zones.

2 of 40 (5%) in East Asia time zones.

This distribution is different from participant distribution.
IETF is driven by the community. Maybe we should stop waiting for “leadership” to “fix” this (along with everything else they do) and do something ourselves -- individually. It doesn’t take a special committee to look around you and see people from other parts of the world who are contributing -- writing drafts, taking WG notes (in a foreign language!), etc. Talk to them. Offer to mentor them by maybe chatting monthly. Get to know them and understand what barriers they’re facing. Help remove those barriers so they get RFCs published and are considered for WG chair positions. Build the pipeline.

</soapbox>
IETF Administration LLC
Jay Daley, Jason Livingood
IETF Administration LLC
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IETF 109 Online

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Juniper Networks
IETF Administration LLC

Thanks to the many generous volunteers

Codesprint

Russ Housley
Tero Kivinen
Henrik Levkowetz
Robert Sparks
Peter Yee

NOC

Bill Fenner (Arista)
Bill Jensen (University of Wisconsin–Madison)
Clemens Schrimpe
Hans Kuhn (NSRC)
Hirochika Asai (Preferred Networks/WIDE)
Joe Clarke (Cisco)
Karen O'Donoghue (ISOC)
Lucy Lynch
Rob Austein (Arrcus/DRL)
Warren Kumari (Google)
IETF Administration LLC
Thanks to all of our hard working meeting staff and contractors

Secretariat
Alexa Morris
Amy Vezza
Cindy Morgan
Glen Barney
Jasmine Magallanes
Jenny Bui
Laura Nugent
Liz Flynn
Ryan Cross
Stephanie McCammon

NOC
Con Reilly
Nick Kukich
Rick Alfvin
Sean Croghlan

Meetecho
Alessandro Amirante
Lorenzo Miniero
Paolo Saviano
Simon Pietro Romano
Tobia Castaldi

Tools
Henrik Levkowetz
Margaret Cullen
Mark Donnelly
Robert Sparks

LLC
Greg Wood
IETF 110 Online
8-12 March 2021

The IETF 110 Host will be announced soon

Sponsorship Opportunities Available!
Contact sponsorship@ietf.org
IETF Administration LLC
Thanks to all of our Global Hosts

CISCO  COMCAST  ERICSSON  HUAWEI

JUNIPER NETWORKS  NBCUniversal  NOKIA

Making the Internet work better
## Future meeting locations and venues

<table>
<thead>
<tr>
<th>MEETING LOCATION</th>
<th>VENUE</th>
<th>DATES</th>
<th>HOSTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>IETF 110 – Online</td>
<td>Online</td>
<td>March 8 – 12, 2021</td>
<td>*</td>
</tr>
<tr>
<td>IETF 111 – San Francisco</td>
<td>Hilton Union Square</td>
<td>July 24 – 30, 2021</td>
<td>Juniper Networks</td>
</tr>
<tr>
<td>IETF 112 – Madrid</td>
<td>Melia Castilla Hotel</td>
<td>November 6 – 12, 2021</td>
<td>*</td>
</tr>
<tr>
<td>IETF 113 – Asia</td>
<td>TBA</td>
<td>March 19 – 25, 2022</td>
<td>*</td>
</tr>
<tr>
<td>IETF 114 – Philadelphia</td>
<td>Philadelphia 201 Hotel</td>
<td>July 23 – 29, 2022</td>
<td>Comcast/NBCUniversal</td>
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</tbody>
</table>

* Please contact sponsorship@ietf.org if interested in sponsoring a meeting
<table>
<thead>
<tr>
<th>Ticket Type</th>
<th>Registered</th>
<th>Budget</th>
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<tbody>
<tr>
<td>Early Bird</td>
<td>524</td>
<td>500</td>
</tr>
<tr>
<td>Standard</td>
<td>155</td>
<td>100</td>
</tr>
<tr>
<td>Late</td>
<td>98</td>
<td>50</td>
</tr>
<tr>
<td>Student</td>
<td>60</td>
<td>100</td>
</tr>
<tr>
<td>One-day</td>
<td>94</td>
<td>0</td>
</tr>
<tr>
<td>Waivers</td>
<td>250</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>1,181</strong></td>
<td><strong>750</strong></td>
</tr>
</tbody>
</table>
Final remarks
IETF Administration LLC Report

Part 2 - LLC Board Update
Board Chair - Jason Livingood

IETF 109
November 2020
IETF Administration LLC
Who serves on the Board?

Maja Andjelkovic
Alissa Cooper
Jason Livingood, Chair
Sean Turner, Treasurer
Peter Van Roste
Making the Internet work better

IETF Administration LLC
Upcoming Board Meetings

Date & Time (UTC)

<table>
<thead>
<tr>
<th>Date and Time</th>
<th>Date and Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 December 2020 - 20:00 UTC</td>
<td>11 March 2021 - 20:00 UTC</td>
</tr>
<tr>
<td>14 January 2021 - 20:00 UTC</td>
<td>8 April 2021 - 19:00 UTC</td>
</tr>
<tr>
<td>11 February 2021 - 20:00 UTC</td>
<td>13 May 2021 - 19:00 UTC</td>
</tr>
</tbody>
</table>

The Board strives for transparency with the IETF Community. Board meetings are open to observers except for items such as legal, contracts, personnel, and other matters that benefit from confidentiality. Each meeting is divided into four sections: Open; Board and Staff Only; Board and ED Only; Board Only. Our goal is to publish agendas one week or more before each meeting. Minutes of past meeting are also posted on a timely basis.

Schedule of future meetings & how to join:
https://www.ietf.org/about/groups/llc-board/meeting-info

Past meeting minutes: https://www.ietf.org/about/groups/llc-board/minutes
IETF Administration LLC
Recent Board Work Completed

1. Concluding work with ISOC to renew their financial support commitment to the IETF
2. Preparing to implement fundraising & sponsorship strategy
3. Statement on Competition Law issues
## IETF Administration LLC
### Current Fiscal Year Operating Budget

**August Balances, “F1” reforecast budget**

<table>
<thead>
<tr>
<th></th>
<th>YTD Actual</th>
<th>YTD F1 Budget</th>
<th>YTD Variance %</th>
<th>Annual F1 Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue</td>
<td>$1,665,447</td>
<td>$854,277</td>
<td>↑ (95%)</td>
<td>$6,847,907</td>
</tr>
<tr>
<td>Expenses</td>
<td>$4,146,407</td>
<td>$4,362,059</td>
<td>↓ 5%</td>
<td>$6,693,607</td>
</tr>
<tr>
<td>Capital Investment</td>
<td>$225,760</td>
<td>$107,000</td>
<td>↑ (111%)</td>
<td>$160,500</td>
</tr>
<tr>
<td>Net Income after capital</td>
<td>($2,706,720)</td>
<td>($3,614,782)</td>
<td>↑ (25%)</td>
<td>($6,199)</td>
</tr>
</tbody>
</table>

**Investments**

<table>
<thead>
<tr>
<th></th>
<th>31 Aug 2020</th>
<th>31 Jan 2020</th>
<th>Change</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$18,216,319</td>
<td>$17,157,771</td>
<td>↑ $1,058,548</td>
</tr>
</tbody>
</table>
IETF Administration LLC
Contact & Background Information

• Email:
  • Public feedback to the board only: LLC-Board@ietf.org
  • Executive Director: exec-director@ietf.org
  • Sponsorship: sponsorship@ietf.org

• IETF LLC web pages of interest:
  • General: https://www.ietf.org/about/administration/
  • Future Meetings: https://www.ietf.org/about/groups/llc-board/
  • Past Meeting Minutes: https://www.ietf.org/about/groups/llc-board/minutes/
  • Financial Statements: https://www.ietf.org/about/administration/financial-statements/
  • Policies: https://www.ietf.org/about/administration/policies-procedures/
  • Submit a whistleblower concern: https://ietf.ethicspoint.com
Thank You

Making the Internet work better
In Memoriam
Jim Schaad
1959-2020
Jonathan B. Postel Award
Internet Engineering Steering Group (IESG)
# IESG Open Mic

<table>
<thead>
<tr>
<th>ART</th>
<th>RTG</th>
<th>TSV</th>
<th>INT</th>
<th>OPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Murray</td>
<td>Alvaro</td>
<td>Martin</td>
<td>Erik</td>
<td>Rob</td>
</tr>
<tr>
<td>Barry</td>
<td>Deborah</td>
<td>Magnus</td>
<td>Éric</td>
<td>Warren</td>
</tr>
<tr>
<td>Alissa</td>
<td>Martin</td>
<td>Roman</td>
<td>Benjamin</td>
<td>Mirja (ex-officio IAB Chair)</td>
</tr>
</tbody>
</table>

### ART
- Murray

### RTG
- Alvaro

### TSV
- Martin

### INT
- Erik

### OPS
- Rob

### GEN
- Barry

### TSV
- Deborah

### INT
- Magnus

### SEC
- Alissa

### INT
- Martin

### GEN
- Roman

### OPS
- Warren

### SEC
- Benjamin

### RTG
- Mirja (ex-officio IAB Chair)
Internet Architecture Board (IAB)
## IAB Open Mic

<table>
<thead>
<tr>
<th>Jari</th>
<th>Ben</th>
<th>Alissa</th>
<th>Stephen</th>
<th>Wes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cullen</td>
<td>Mirja</td>
<td>Zhenbin</td>
<td>Jared</td>
<td>Mark</td>
</tr>
<tr>
<td>Tommy</td>
<td>Jeff</td>
<td>Jiankang</td>
<td>Colin</td>
<td>John</td>
</tr>
</tbody>
</table>

Colin ex-officio IRTF Chair

John Temporary RFC Series Project Manager
IETF Administration LLC
Open Microphone Session
IETF Administration LLC
Open Mic

Maja Andjelkovic
Alissa Cooper
Jason Livingood, Chair
Sean Turner, Treasurer
Peter Van Rosté