

1. Welcome and thanks for giving us your feedback

This survey is vital to help us understand how to plan for the possible replacement of an in-person IETF meeting with an online IETF meeting. As we are asking for a lot of feedback it will take 15~20 minutes to complete. There are plenty of opportunity for you to add comments.

This survey is run in anonymous mode - only the data that you explicitly provide is available to us.

In what region do you live?

- Africa
- Asia
- Europe
- Latin America and Caribbean
- Middle East
- North America (US and Canada)
- Oceania (Australia, New Zealand, Pacific Islands)

* Which of the following applies to you? (check all that apply)

- Current subscriber to an IETF or IRTF mailing list
- Posted to an IETF or IRTF mailing list within the last year
- Attended a WG/RG/BoF meeting within the last year (in-person or online)
- Spoke in the mic line at a WG/RG/BoF meeting within the last year (in-person or online)
- Presented at a WG/RG/BoF meeting within the last year (in-person or online)
- Author of an active Internet-Draft
- Author of an RFC published within the last 5 years
- Author of an RFC published more than 5 years ago
- Current WG or RG chair
- Current Area Director or IAB member

* How many IETF Meetings have you participated in in-person?

- 0
- 1
- 2-5
- 6-10
- 11+

How many IETF Meetings have you participated in solely online?

- 0
- 1
- 2-5
- 6-10
- 11+

Before COVID-19 happened, how many 2020 IETF meetings (IETF 107 Vancouver, IETF 108 Madrid, IETF 109 Bangkok) did you plan to participate in in-person? (Pick your best guess)

- 0
- 1
- 2
- 3

2. Online IETF 107 and the subsequent virtual interims

This section and the following sections ask about

- **"online IETF meetings", which are online replacements for the regular one week in-person IETF meetings.**
- **"virtual interims" which are individual Working Group or Research Group meetings held online.**

* Did you participate in the one-week online IETF 107 meeting (20-27 March 2020) that replaced the in-person Vancouver meeting?

- Yes
- No

How many of the virtual interims that followed the one-week IETF 107 meeting have you participated in?

- 0
- 1-2
- 3-5
- 6-10
- 10+

How satisfied were you with the scheduling of those virtual interims?

- Very satisfied
- Satisfied
- Neutral
- Dissatisfied
- Very dissatisfied

Considering both the online IETF 107 meeting and the virtual interims that followed it, how productive has your replacement IETF meeting experience been overall?

- Much more productive than an in-person IETF meeting
- More productive than an in-person IETF meeting
- As productive as an in-person IETF meeting
- Less productive than an in-person IETF meeting
- Much less productive than an in-person IETF meeting
- Don't know / Not applicable

Is there anything else you would like to tell us about the online IETF 107 meeting or the virtual interims that followed it?

3. Replacing a cancelled in-person meeting

* If an in-person one-week IETF meeting needs to be cancelled then which of the following options do you prefer?

- Replace it with an online meeting with a set agenda (format to be decided)
- Ask WGs/RGs to schedule virtual interims when and how they want
- Ask WGs/RGs to schedule virtual interims following rules about when and how (rules to be decided)
- Replace it with a combination of an online meeting with a set agenda and virtual interims
- Do nothing and defer until the next in-person meeting
- Don't know
- Other (please specify)

If an online IETF meeting is scheduled, then how important is it for each of the following to be included? (Skip any lines you don't know about)

	Very important	Important	Neutral	Not important	Not at all important
Sessions for new working groups	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sessions for existing working groups	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
BOFs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sessions for proposed research groups	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sessions for existing research groups	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Plenary session	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Side meetings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
HotRFC	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hackathon	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Codesprint	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical tutorials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Newcomers' events (overview tutorial, Quick Connections)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Office hours (ADs, IANA, RFC Series PM, Exec Director, NomCom)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Host Speaker Series	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Social event	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Systems Networking	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Is there anything else you would like to say about replacing a cancelled in-person meeting?

4. Online meeting format and timezone

For these questions the following terms are used:

- “slots” means the number of time blocks during the day for scheduling sessions, with multiple sessions held simultaneously in each block.
- “daily schedule” means the total number of sessions that can be held in one day

At recent in-person meetings, each day has had 4 slots, one slot in the morning and three slots in the afternoon. These slots are either 60, 90 or 120 minutes long. Each slot has up to 8 simultaneous sessions taking place. The gap between each slot is 20 or 30 minutes.

An in-person meeting has approximately 128 sessions in total.

This pages starts with a question about some pre-assembled formats with different combinations of the number of slots, lengths of the slots, number of days and length of the days. It is followed by questions about the individual dimensions of an online IETF meeting.

* What time zone are you based in? (Select the one closest by time if your time zone is not listed)

If the in-person IETF 108 Madrid meeting needs to be replaced with an online IETF meeting then how easy would you find it to participate during the following blocks of time? (Skip any you don't know about)

TIP: Use this [online conversion tool](#) and add your nearest city to the list

	Very easy	Easy	Neutral	Difficult	Very difficult
00:00 - 02:00 UTC	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
02:00 - 04:00 UTC	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
04:00 - 06:00 UTC	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
06:00 - 08:00 UTC	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
08:00 - 10:00 UTC	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10:00 - 12:00 UTC	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
12:00 - 14:00 UTC	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
14:00 - 16:00 UTC	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
16:00 - 18:00 UTC	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
18:00 - 20:00 UTC	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
20:00 - 22:00 UTC	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
22:00 - 00:00 UTC	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If in-person IETF meetings need to be replaced with online IETF meetings on a regular basis then what do you think of the following approaches for setting the timezone of the virtual IETF meeting? (Skip any you don't know about)

	Strongly approve	Approve	Neutral	Disapprove	Strongly disapprove
Use the timezone of the cancelled in-person IETF meeting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pick one timezone and use it for all online IETF meetings	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Always use the timezone eight hours later than the last online IETF meeting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Poll potential attendees for each online IETF meeting and pick the best time from that	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

(please specify)

Assuming this applies to the worst possible time zone for you, how easy would it be for you to participate in each of the following online IETF meeting formats? (Skip any you don't know about)

	Very easy	Easy	Neutral	Difficult	Very difficult
5 days (Mon-Fri); 4 slots of 60, 90 and 120 minutes; 8 hour day; ~128 sessions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 days (Mon-Fri); 4 slots of 50 and 80 minutes; 5.5 hour day; ~128 sessions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5 days (Mon -Fri); 2 slots of 60, 90 and 120 minutes; 5 hour day; ~80 sessions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7 days (Sat-Fri); 3 slots of 60, 90 and 120 minutes; 3.5 to 6.5 hour day; ~128 sessions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7 days (Sat-Fri); 3 slots of 50 and 80 minutes; 3 to 4 hour day; ~128 sessions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7 days (Sat-Fri); 2 slots of 60, 90 and 120 minutes; 3.5 to 4.5 hour day; ~112 sessions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
10 days (Mon-Fri + Mon-Fri); 2 slots of 60 and 120 minutes; 4 hour day	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

(please specify)

Assuming an online IETF meeting is scheduled in the worst possible time zone for you, please rank in order of preference the following options for the length of the meeting: (1 - highest, 6 - lowest)

4 days (avoids weekends for everyone)

5 days

7 days

8 days (4 days + 3 days gap + 4 days)

10 days (5 days + 2 day gap + 5 days)

14 days (no gap)

Assuming an online IETF meeting is scheduled in the worst possible time zone for you, please rank in order of preference the following options for the normal length of each day of the meeting: (1 - highest, 4 - lowest)

4 hours

6 hours

8 hours

10 hours

Which of the following options for the length of sessions for an online IETF meeting do you prefer?

- 50 and 80 minutes
- 60, 90 and 120 minutes

Is there anything else you would like to tell us about the format of online IETF meetings?

5. Replicating humming

The following questions are about “virtual hum technology”, which is any form of technology (not necessarily audio-based) that replicates the purpose of taking a hum in an in-person meeting. These questions will help us decide if we need this technology and what features it should have.

How important is it for us to provide virtual hum technology to assist chairs in judging consensus in online meetings?

- Very important
- Important
- Neutral
- Not important
- Not at all important

If we were to have virtual hum technology then how important are the following features? (Skip any you don't know about)

	Very important	Important	Neutral	Not important	Not at all important
Having exact counts of how many people hummed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Explicitly not having exact counts of how many people hummed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Being able to hum loudly or softly	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Anonymity of participants doing the humming	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Verifiability that each person is generating a single hum per question	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

(please specify)

Is there anything else you would like to say about virtual hum technology?

6. Replicating the hallway environment

In an in-person meeting the hallways are generally filled with people having conversations both during and in-between sessions. These questions are about how we might replicate that environment in an online IETF meeting. For IETF 107 a hallway jabber room and hallway Webex session were provided but these were limited in features.

How important is it to have a virtual hallway tool that provides the following features? (Skip any you don't know about)

	Very important	Important	Neutral	Not important	Not at all important
See who is in the hallway and available to talk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Enable people to break off into a separate conversation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
See what hallway conversations are taking place (unless marked as private)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
See who is in any hallway conversation (unless marked as private)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Join any hallway conversation (unless marked as private)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mark a hallway conversation as private so that others cannot see it or join it	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

(please specify)

7. Fees

Online IETF meetings cost money to operate and so it may become necessary to charge a meeting registration fee to cover this expense.

For each of these different sets of meeting registration fees, how likely is it that you will participate in an online IETF meeting? (skip any you don't know about)

	Very likely	Likely	Neutral	Unlikely	Very unlikely
Early bird - US\$700	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Standard - US\$850	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Late - US\$1000	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Student - US\$150	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Early bird - US\$525	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Standard - US\$637	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Late - US\$750	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Student - US\$112	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Early bird - US\$350	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Standard - US\$425	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Late - US\$500	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Student - US\$75	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Early bird - US\$175	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Standard - US\$212	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Late - US\$250	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Student - US\$37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
No registration fee	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Is there anything else you would like to tell us about registration fees for an online IETF meeting?

8. Thanks and anything else

Thank you very much for taking the time to provide your feedback.

Finally, is there anything else you would like to tell us?