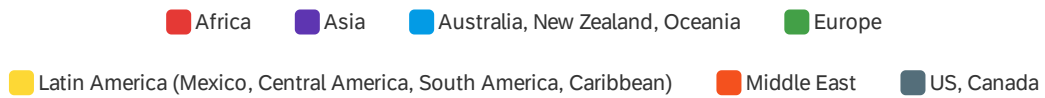# IETF 113 Meeting Survey

IETF 113 Meeting Survey

May 2, 2022 2:39 PM PDT
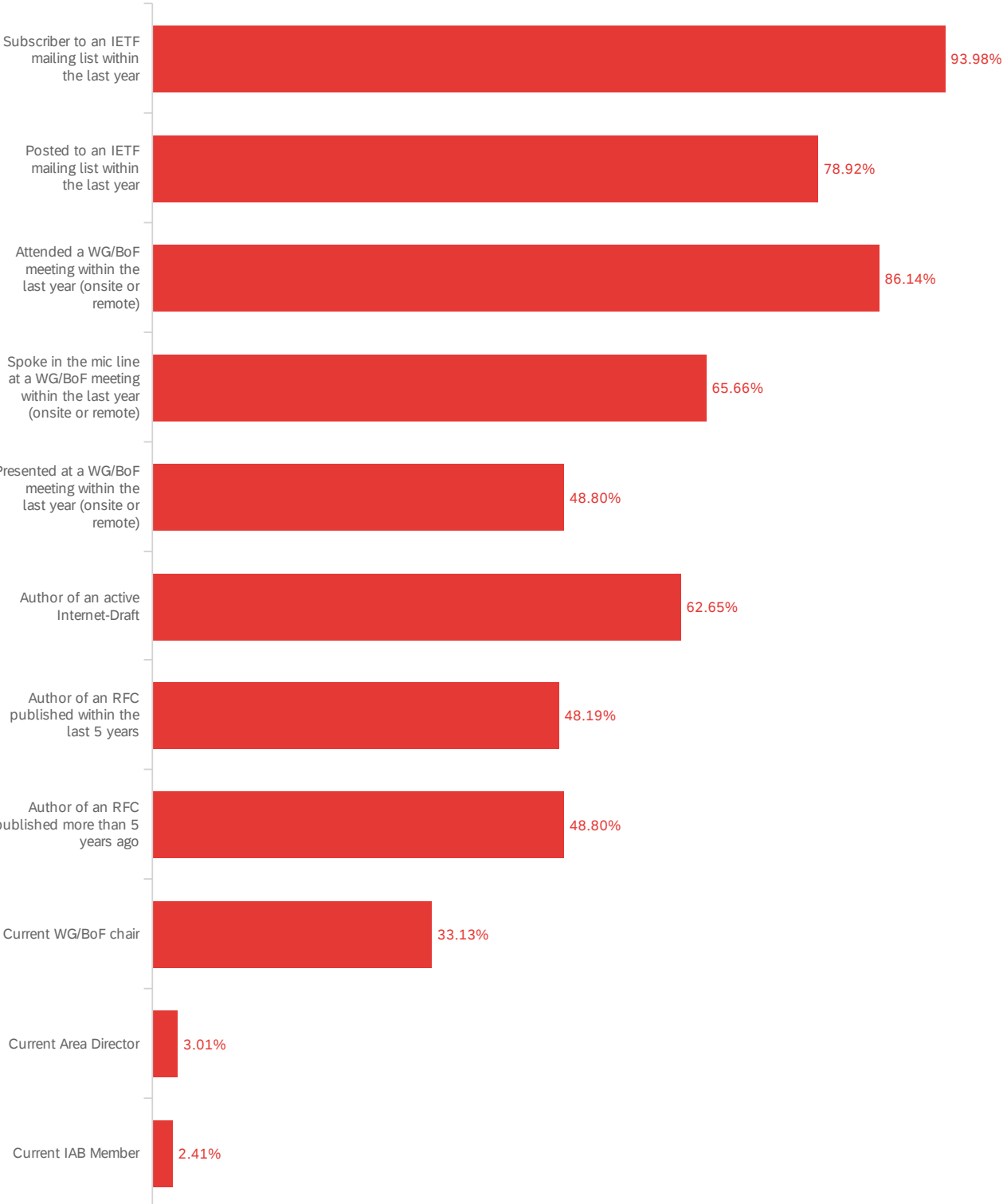
Q1 - In what region do you live?

1.20%
9.64%
3.01%
42.77%
39.16%
2.41%
1.81%

- Africa
- Asia
- Australia, New Zealand, Oceania
- Europe
- Latin America (Mexico, Central America, South America, Caribbean)
- Middle East
- US, Canada
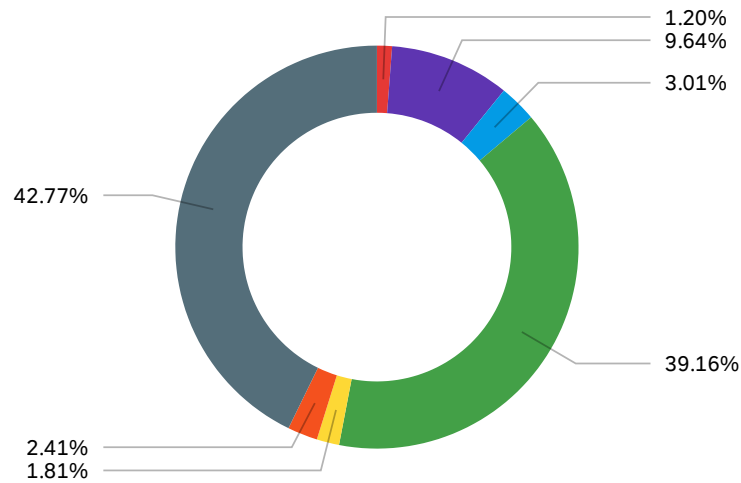
Q1a - What is your gender? (check all that apply)

Gender	Percentage
Man	90.45%
Woman	8.92%
Non-binary	0.64%
Transgender	1.27%

Q2 - Which of the following applies to you? (check all that apply)

Category	Percentage
Subscriber to an IETF mailing list within the last year	93.98%
Posted to an IETF mailing list within the last year	78.92%
Attended a WG/BoF meeting within the last year (onsite or remote)	86.14%
Spoke in the mic line at a WG/BoF meeting within the last year (onsite or remote)	65.66%
Presented at a WG/BoF meeting within the last year (onsite or remote)	48.80%
Author of an active Internet-Draft	62.65%
Author of an RFC published within the last 5 years	48.19%
Author of an RFC published more than 5 years ago	48.80%
Current WG/BoF chair	33.13%
Current Area Director	3.01%
Current IAB Member	2.41%

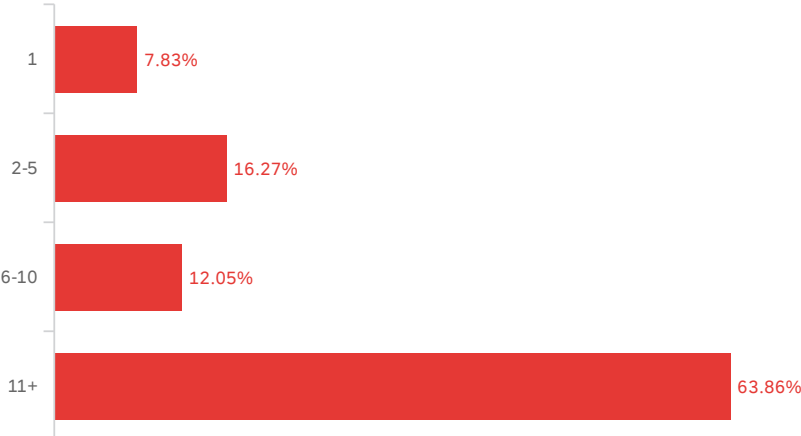## Q3 - How did you participate in the IETF 113 meeting that has just finished? (If you spent an…

Onsite — 48.19%

Remote — 50.60%

I did not participate in IETF 113 — 1.20%
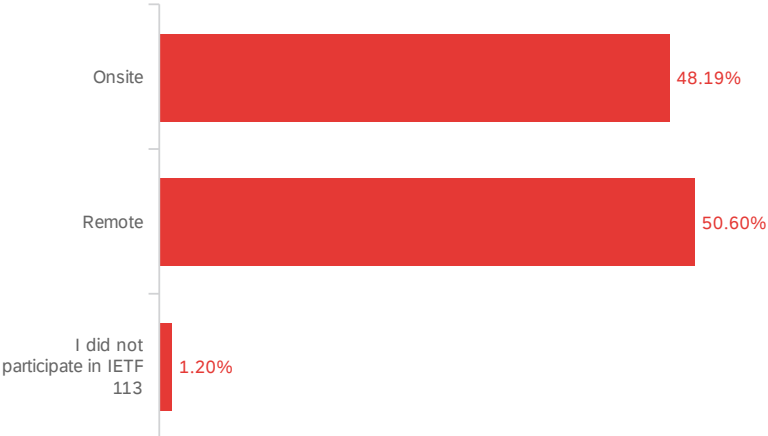
Field	Choice Count	
Onsite	48.19%	80
Remote	50.60%	84
I did not participate in IETF 113	1.20%	2
		166

Showing rows 1 - 4 of 4

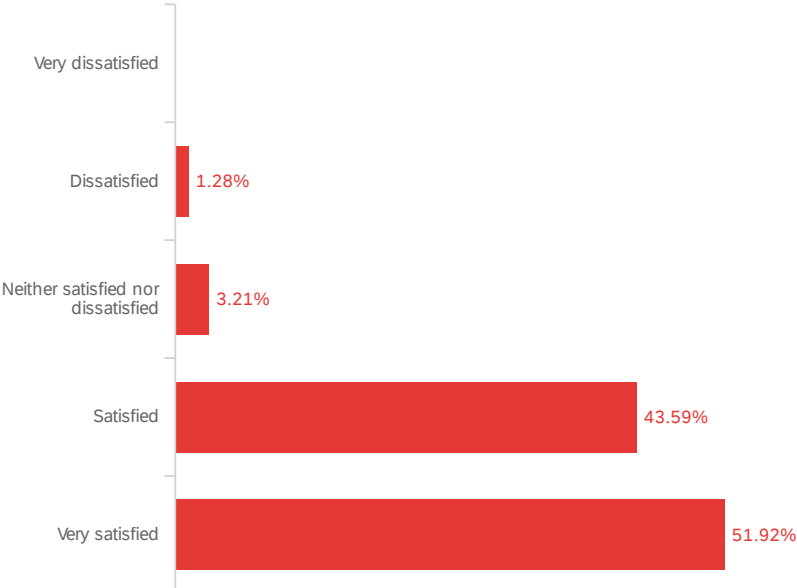## Q4 - How many IETF Meetings have you participated in? (including this meeting)

Field	Choice Count	
1	7.83%	13
2-5	16.27%	27
6-10	12.05%	20
11+	63.86%	106
		166

Showing rows 1 - 5 of 5

Q5 - Why didn't you participate in the IETF 113 meeting? (check all that apply)

| Answer	Count
I had existing conflicts / I could not spare the time	2
The time of day of the meeting was too difficult for me to participate	1
I was not aware of the meeting	
Suitable technology was not available	
I could not find a suitable place to work from	
Too many distractions in the place where I would have participated from	
The registration fee was a barrier to participation and I did not want to request a fee waiver	
The registration fee was a barrier to participation and I did not know about fee waivers	
Other (please specify)	
There were not enough sessions of interest	
I do not usually participate in IETF meetings	

Q6 - How satisfied were you with everything we provide to prepare for the meeting?

Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
How satisfied were you with everything we provide to prepare for the meeting?	4.46	0.62	156	1.28%	95.51%

Q8 - How well prepared were you for participating in IETF 113?
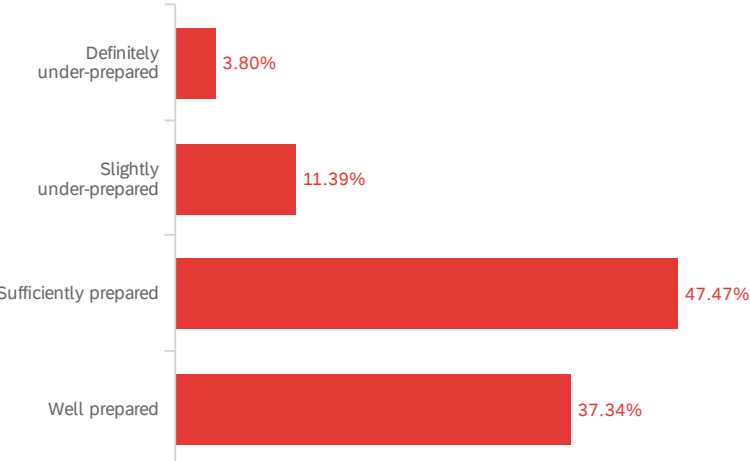
Field		Choice Count
Definitely under-prepared	3.80%	6
Slightly under-prepared	11.39%	18
Sufficiently prepared	47.47%	75
Well prepared	37.34%	59
		158

Showing rows 1 - 5 of 5

#	Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
1	How well prepared were you for participating in IETF 113?	3.18	0.78	158	15.19%	84.81%

Q9 - What else could the IETF do to help you prepare?

What else could the IETF do to help you prepare?

Make clear the expected preparation time to read drafts etc - something for employers to look at and understand the time commitment.

IETF does a lot to prepare attendees. It's simply a lot of information to absorb.

Maybe easier access to meeting agendas

My preparation is mostly up to me ... but I am still seeing a lot of groups posting agendas late.

Tell people to use a chat client when they are using the on-site meetecho tool.

Everything was OK

Announcements of trial sessions for Meetecho, etc., further in advance and spreading those over a longer time. When all of the options are within a few days of each other and that is a busy week, there is no hope of participating.

it would save participants a lot of time if all presentations (a folder) in each working group can be downloaded by 1 click.

N/A

Nothing, the remote options work perfectly

Better time zone for me :-)

The tools used to reserve side meetings is terrible :) Please, create some decent tool that makes it easier to make this reservation

Encourage those preparing presentation materials to have them done sooner to avoid a scurry of work the chairs have to do to ensure meetings can keep to the agenda

pre-fill meetecho with the same text and URLs in the HTML agenda: its the backbone of taking meeting minutes because its the order-paper

What else could the IETF do to help you prepare?

Keep innovating

Send cookies to remote participants. :-)

Since each country has different COVID restrictions, I think I could have had a little more information about the need to have (or not) a covid passport, the need and ability to have tests, etc. I know there was info provided, but at least I would have preferred having it beforehand. Nonetheless, I think the meeting was a success for being the first going back to "normalcy" and I strongly believe it will keep improving.

Just more details on the application for the phone.

Slide sharing is still not mastered by a lot of speakers (onsite and remotely). Increasing the effort to train the speakers (I know there is already an effort).

Missed daily remainders on local PCR test kit availability, and all other incidentials relevant in the current environment (they were mentioned once, but apparently not acknowledged by many)
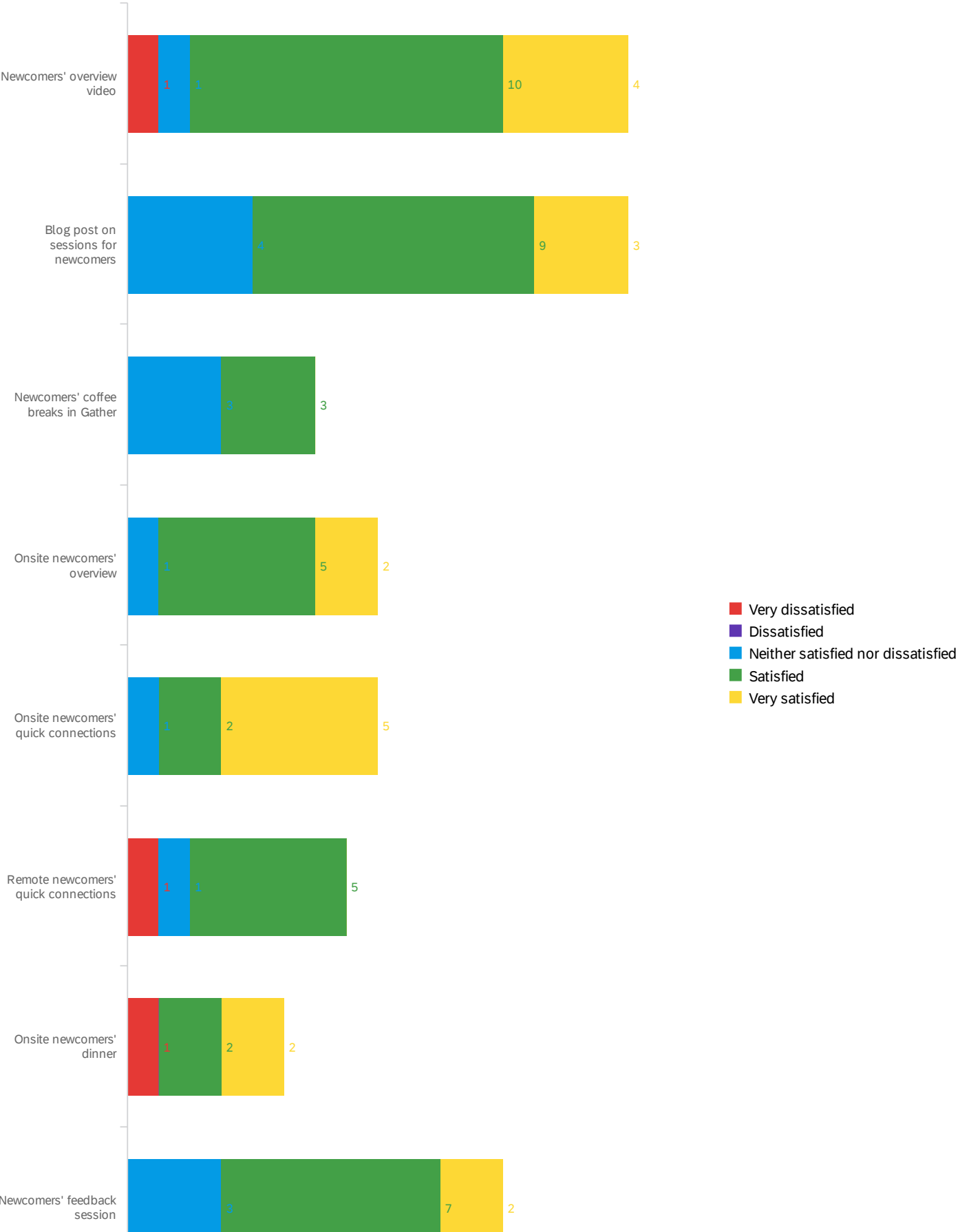
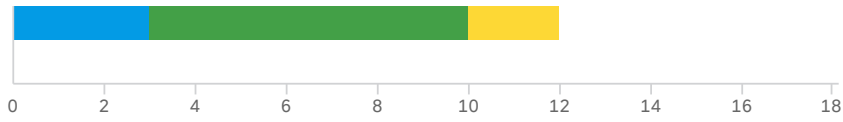a bit more clarity about when datatracker is closed, and that it re-opens monday.

Publish the agenda and in particular the meeting times further in advance

WG agendas published earlier so we can read up on drafts over a longer period.

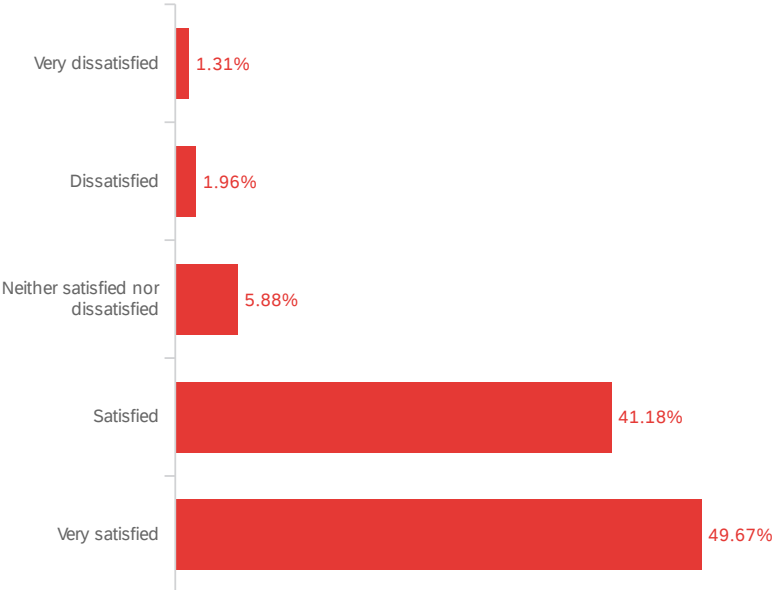I wasn't ready for using gather or what time I should schedule for hallway or social conversations.

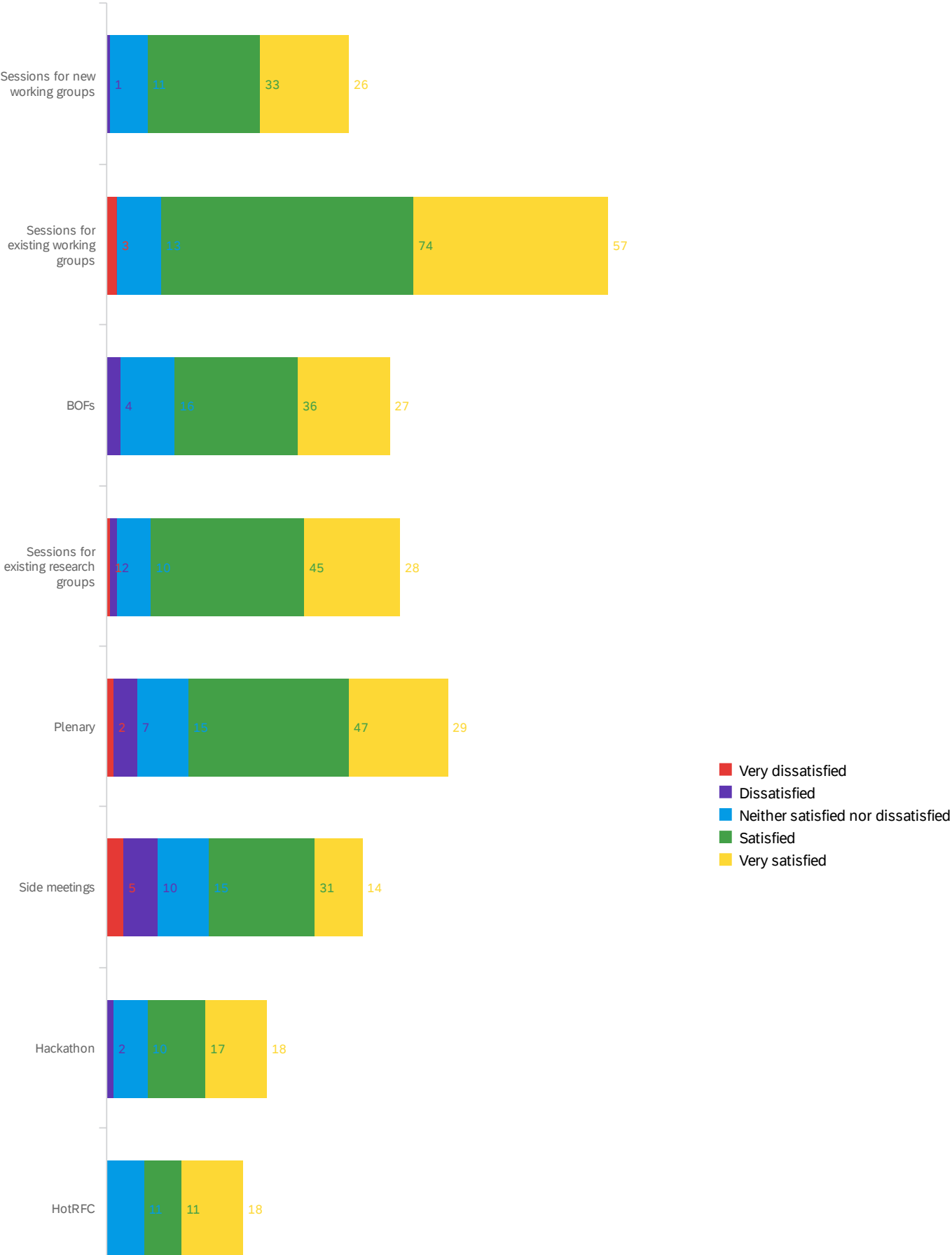# Q52 - How satisfied were you with the following sessions and materials provided for newco…

Newcomers' overview video: 1, 1, 10, 4

Blog post on sessions for newcomers: 4, 9, 3

Newcomers' coffee breaks in Gather: 3, 3

Onsite newcomers' overview: 1, 5, 2

Onsite newcomers' quick connections: 1, 2, 5

Remote newcomers' quick connections: 1, 1, 5

Onsite newcomers' dinner: 1, 2, 2

Newcomers' feedback session: 3, 7, 2

Legend:
- Very dissatisfied
- Dissatisfied
- Neither satisfied nor dissatisfied
- Satisfied
- Very satisfied

#	Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
1	Newcomers' overview video	4.00	0.94	16	6.25%	87.50%
2	Blog post on sessions for newcomers	3.94	0.66	16	0.00%	75.00%
3	Newcomers' coffee breaks in Gather	3.50	0.50	6	0.00%	50.00%
4	Onsite newcomers' overview	4.13	0.60	8	0.00%	87.50%
5	Onsite newcomers' quick connections	4.50	0.71	8	0.00%	87.50%
6	Remote newcomers' quick connections	3.43	1.05	7	14.29%	71.43%
7	Onsite newcomers' dinner	3.80	1.47	5	20.00%	80.00%
8	Newcomers' feedback session	3.92	0.64	12	0.00%	75.00%

Q10 - Overall, how satisfied were you with the IETF 113 meeting?

Very dissatisfied	1.31%
Dissatisfied	1.96%
Neither satisfied nor dissatisfied	5.88%
Satisfied	41.18%
Very satisfied	49.67%

Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
Overall, how satisfied were you with the IETF 113 meeting?	4.36	0.79	153	3.27%	90.85%

# Q11 - How satisfied were you with each of the following parts of the meeting agenda? (Skipp…

Legend:
- Very dissatisfied
- Dissatisfied
- Neither satisfied nor dissatisfied
- Satisfied
- Very satisfied

Sessions for new working groups: 1, 11, 33, 26

Sessions for existing working groups: 3, 13, 74, 57

BOFs: 4, 18, 36, 27

Sessions for existing research groups: 1, 2, 10, 45, 28

Plenary: 2, 7, 15, 47, 29

Side meetings: 5, 10, 15, 31, 14

Hackathon: 2, 10, 17, 18

HotRFC: 11, 11, 18

	Office hours			
	1	13	17	14

Opportunities for social interaction: 11, 15, 20, 32, 30

Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
Side meetings	3.52	1.14	75	20.00%	60.00%
Sessions for new working groups	4.18	0.74	71	1.41%	83.10%
Sessions for existing working groups	4.24	0.78	147	2.04%	89.12%
Sessions for existing research groups	4.13	0.79	86	3.49%	84.88%
Plenary	3.94	0.95	100	9.00%	76.00%
Opportunities for social interaction	3.51	1.30	108	24.07%	57.41%
Office hours	3.96	0.89	45	2.22%	68.89%
HotRFC	4.17	0.83	40	0.00%	72.50%
Hackathon	4.09	0.87	47	4.26%	74.47%
BOFs	4.04	0.84	83	4.82%	75.90%

Q12 - How satisfied were you with the overall agenda of the meeting?
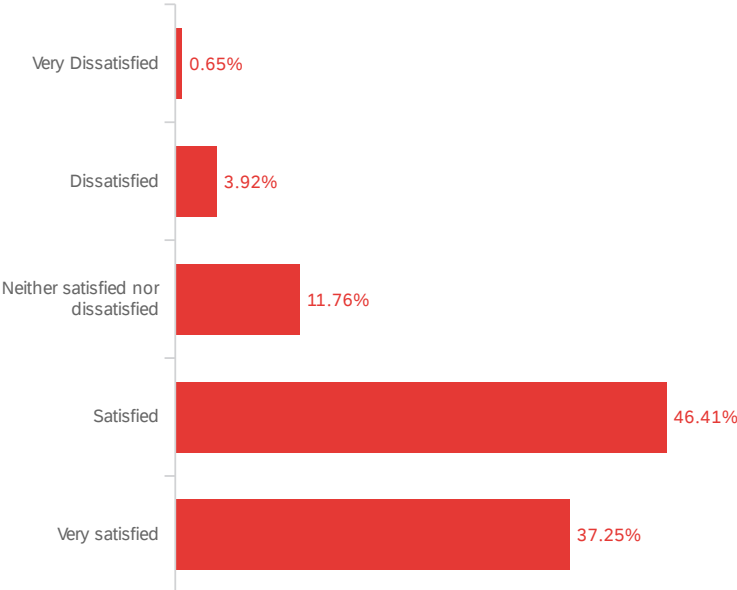
Very Dissatisfied — 0.65%

Dissatisfied — 3.92%

Neither satisfied nor dissatisfied — 11.76%

Satisfied — 46.41%

Very satisfied — 37.25%

Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
How satisfied were you with the overall agenda of the meeting?	4.16	0.83	153	4.58%	83.66%

Q13 - How satisfied were you with each of the following elements of the structure of the mee…

Legend:
- Very dissatisfied
- Dissatisfied
- Neither satisfied nor dissatisfied
- Satisfied
- Very satisfied
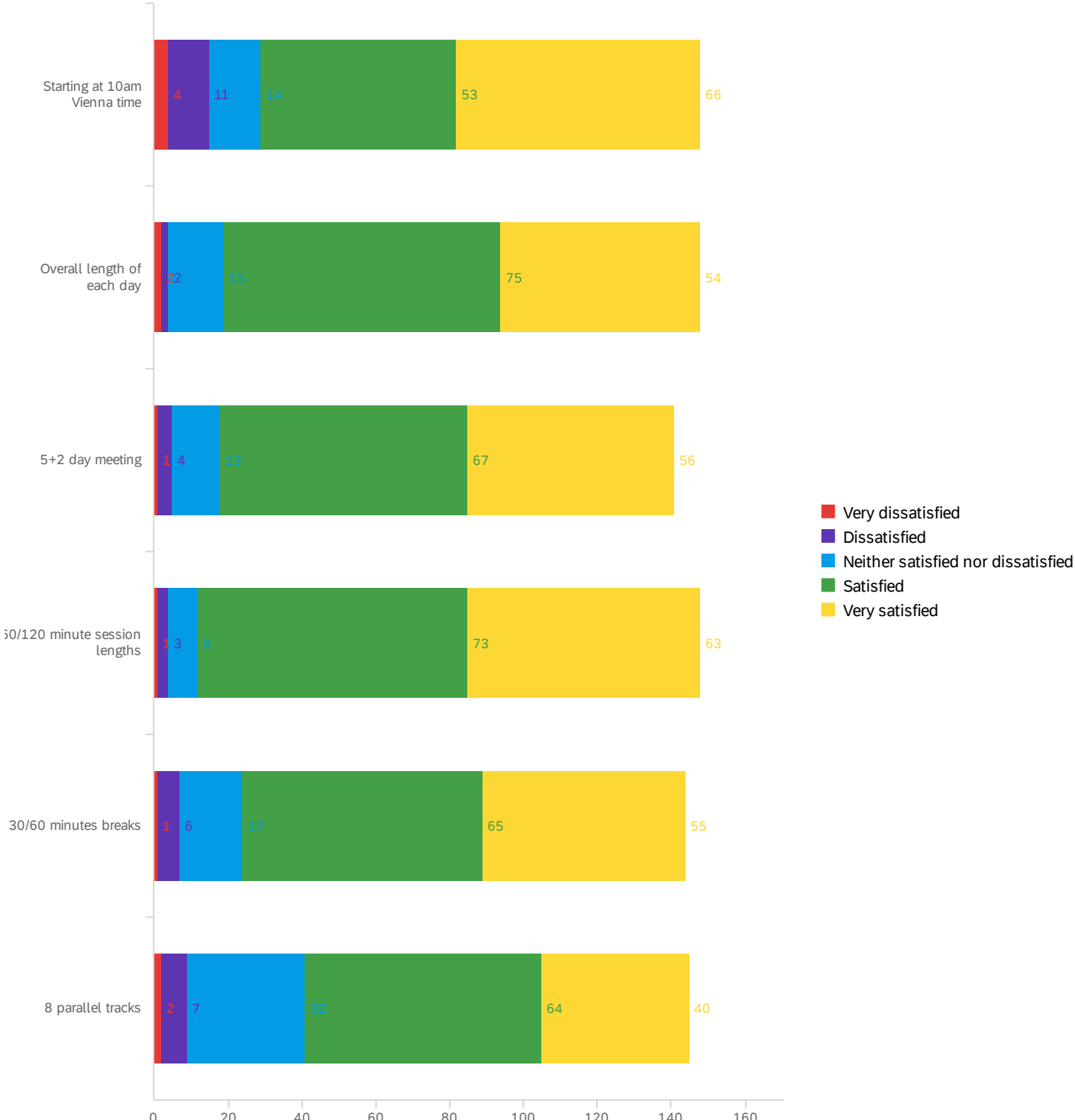
Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
60/120 minute session lengths	4.31	0.72	148	2.70%	91.89%

Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
30/60 minutes breaks	4.16	0.84	144	4.86%	83.33%
8 parallel tracks	3.92	0.90	145	6.21%	71.72%
5+2 day meeting	4.23	0.78	141	3.55%	87.23%
Starting at 10am Vienna time	4.12	1.03	148	10.14%	80.41%
Overall length of each day	4.20	0.78	148	2.70%	87.16%

Q14 - How satisfied were you with the overall structure of the meeting?
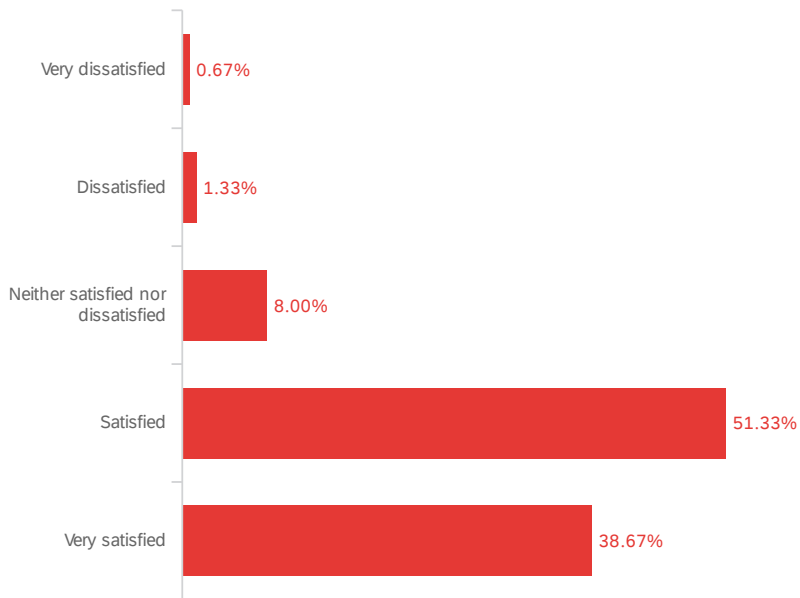
Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
How satisfied were you with the overall structure of the meeting?	4.26	0.72	150	2.00%	90.00%

#	Field		Choice Count
1	Very dissatisfied	0.67%	1
2	Dissatisfied	1.33%	2
3	Neither satisfied nor dissatisfied	8.00%	12
4	Satisfied	51.33%	77
5	Very satisfied	38.67%	58
			150

Showing rows 1 - 6 of 6

Is there anything else you would like to say about the meeting agenda or st…

There were lots of free dinner slots. It might be good to organize activities for those who don't have plans but might like some, even informally. I admit I don't have a good suggestion on how to do this, but it would be helpful for newcomers and less social members of the community.

This was a very rough schedule for those of us living on the US West Coast, but it's unavoidable that it will be rough for some.

30 minute breaks are fine, but 60 minute lunches onsite are really tight. That worked in Vienna, but if we continue to do 60 minute lunches for another year (assuming we do hybrid meetings for at least that long), it's definitely worth posting recommendations for where to head (even saying "here's where the food courts are" would be great), especially for the first few days. I typically arrive a day or two early, so I had some ideas, but I don't know what people arriving on Sunday would do ...

To know earlier the final agenda, this could benefit on traveling reduction costs

Bring back 90 minute slots

For the first time, I had many (personal) conflicts in the agenda. With a hybrid meeting, there are less people on site, so less need for social interaction. The goal should be to reduce the conflicts. We should have less tracks.

Starting early made it being remote from US Central time impossible to attend any BOFs, WG meetings (held at 4am my time) I was very much interested

Too many session conflicts that should have been obvious. And signs that we still have too many WGs that are actually rather homogeneous discussions among people with shared agendas rather than representing a broad range of views.

In person conferences are more productive for the participants themselves and for the IETF in the long run. Should charge the same fee for remote and in person participations. Should consider charging more for remote participation to support and encourage more in person participations.

The lunch break was too short.

1 hour lunch break is to short

I think the IETF did a good job managing the hybrid meeting. Unprecedented in the history.

It would have been great to have a 90 minutes lunch break, but given the timezone challenges and the availability of quick nearby lunch options, the 60 minutes break was acceptable.

It is a mistake to continue the primary agenda-structure of one-wg-per-session for hybrid meetings. The IESG really need to re-consider and be willing to be more radical or else hybrid meetings may stagnate. Instead consider identifying a significant group of topics that would each attract sufficient numbers both in-person in the room and remote. That'd require a bit more of a programme-ctte approach but without that I suspect the organisation will suffer.

I'm not convinced we're fully on top of worldwide participation in local timezone, but its incrementally better.

More support for side meetings would be helpful. As it is the only support given is a web page listing the meetings. Otherwise we do all the work (find a webex etc account, send .ics). meetecho for side meetings would be lovely.

It think it would have been better to have had 90 minutes for lunch. 60 minutes is not enough time for meet with others for lunch and return in time.

The day can be longer, e.g. 9 am - 6 pm. Lunch break was ok because of the easy and very nearby supply of food. At other places and/or if more participate on-site, longer lunch breaks would be needed again.

Thank you for your hard work!

Eventually, a 90 min lunch break would be better.

One hour for lunch break is extremely tight

There were several working groups which did not have enough agena for 120 minute sessions, but did have more than for 60 minutes. They then either asked for 120 minutes, and finished 30-45 minutes early, or tried to do their work in 60 minutes, and had very tight schedule. Having some 90 minutes slots in general would have helped, and perhaps would have allowed to have one or two more timeslot available.

I felt rush during the lunch with 1 hour break. Having all the BOFs at 10:00 AM might not have been the best time to chose.

With 8 parallel tracks there was a lot of conflicting WG sessions. May adding one hour each day?

Reduce the number of parallel tracks. The WGs should hold more online-only interims for both very new work as well as highly contentious topics. The WG sessions at the IETF should exclusively have those topics that need a wider WG participation plus an actual WG discussion rather than just presentation.

10am start was super-good; could have managed another 30 mins session in the day. Secretariat support very helpful!

I had no relevant sessions in the middle slot each day. While this actually worked out well for my personal life -- that's the time my kids were preparing to leave for school -- it made for a lot of conflicts in the other two slots.

Putting the plenary on as an extra 2 hours on top of an already-long day makes the total time 8 hours. Being remote and the extra time being 3am to 5am, this is very bad.

Please have the lunch break not less than 90 minutes.

90 min wg slots would be nice. 60 min is not enough, sometimes 120 is overkill. 90 mins would be goldilocks. Maybe get back to the pre-covid slots, which offered more slot options.

I do prefer 9:00 start time, but 10:00 is OK. And I think we'll have to go back to four sessions per day once more WGs are meeting again.

I like starting at 10 from a sleep perspective, but would be willing to give it up if it meant we could have an extra session / less conflicts. The lunch break was a bit short but livable; if there were less food choices right near the venue, it would have been a bummer.

This was first time for me and plan to be active on the WG.

When chairs request meeting slots but then cancel because they don't have enough items for their agenda, then they are being disruptive. The overall agenda planning is a complex task and conflicts are a problem - asking for a meeting that is not needed places stresses on other parts of the agenda. Chairs are supposed to know that they need a meting before they ask for one.

A noon starting time would have been better for most remote participants, but hard to justify for local participants.

If you ask about conflicts on the next page, feel free to ignore this, but the conflict between dnsop and 6man was a really, really bad conflict. I can't believe that got through and wasn't corrected when I pointed it out.

Hybrid meetings are still not as good as all remote or all in person. Lots of extra logistics, but not improved experience for either remote or in person.

The 1-hour meetings were really too short especially with remote messing about. 2 hours were about right. 2 x 2hr + 1x 1.5hr with a 30 min later finish would have been ideal.

Is there anything else you would like to say about the meeting agenda or st...

The lunch break was too short

Q18 - How many times did you have a conflict between two sessions that were scheduled in…
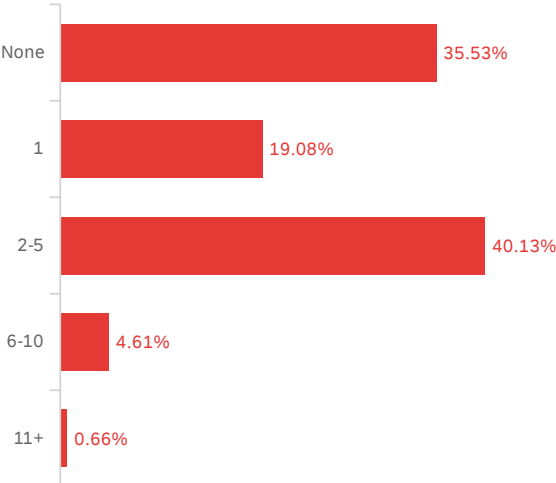
Field	Choice Count	
None	35.53%	54
1	19.08%	29
2-5	40.13%	61
6-10	4.61%	7
11+	0.66%	1
		152

Showing rows 1 - 6 of 6

Please list any sessions that you wanted to participate in that were schedu…

hrpc;tls iabopen;privacypass add;shmoo

iabopen + panrg moq + maprg

ACE. EMU

grow,taps sidrops,spring

detnet vs idr, bmwg vs rtgarea vs alto, grow vs teas, lsvr vs pals, mpls vs rift

dnsop X 6man idr X intarea madinas X iabopen idr X tsvwg

Openpgp - teep Pearg- cose Lake - masque Ace - emu HRPC- tls Add - cfrg Dane - lamps Dprive - ipsecme

emo ace cose acme secdispatch irtfopen

dispatch vs ppm; pearg vs. tsvwg; intarea vs. irtfopen; moq vs. maprg; ohai vs. tcpm; webtrans vs. shmoo;

netmod vs CAN (IRRC) BoF IPPM vs V6OPS NETCONF vs RTGWG NMRG vs IOTOPS

dnsop QUIC qirg pce intarea inter-domain

For me the problem was the timing not the overlap

dnsop:quic shmoo:add

INTAREA, SECDISPATCH

acme cose lake oauth cfrg oauth

raw, ippm pce, tsvwg pce, tsvarea intarea, detnet saag, savnet

You can't make everyone happy with the schedule. The conflicts are part of the private planning and diverse interest in some WG sessions

dispatch / openpgp secdispatch / intarea / irtfopen saag /nmrg add / cfrg / opsawg lamps / dance

Sessions I chair and some side meetings.

bess / dmm; (gendispatch / rtgwg until gendispatch was cancelled); 6man / can; intarea / idr;

dispatch/openpgp plenary/$dayjob (a lecture - the people onsite will also be remote for other things!)

SHMOO/CFRG/OPSAWG 6MAN/DNSOP MAPRG/RTGAREA DPRIVE/SIDROPS (except DPRIVE cancelled)

6man and CAN bof

BIER vs. TEAS

netconf and rtgwg, netmod and can bof, shmoo and opsawg

intarea + secdispatch hrpc + maprg + moq

can - gaia - dnsop savnet - saag iabopen - privacypass

IRTF Open, IntArea LPWAN, QIRG COINRG, MADINAS

jmap/oauth

IPPM/V6OPS, DETNET/IDR, LSVR/PALS

intarea - idr lsr - opsawg sidrops - spring

two different areas (operations and routing). Netconf/netmod with routing sessions.

netconf and rtgwg

Dispatch and OpenPGP

wish, tsvwg gaia, can, quic qirg, tsvarea irtfopen, detnet, dtn maprg, tls, alto icnrg,ppm

6lo, tls drip, mls privacypass, suit dance, lamps

IPPM Dispatch TSVWG WISH MASQUE MOPS MAPRG MOQ AVTCORE TSVWG

lake-rtgwg 6man-CAN 6lo-MAPRG-RTGArea MADINAS-PRIVACYPASS PPM-SPRING

bess, dmm 6man, can teas, grow lsvr, pals spring, sidrops

alto/maprg

DTN / IRTFOPEN

Maprg and Moq bof 6man and quic

Add+dprive vs. Webtrans Masque vs. mops Dnsop vs. quic Moq vs. tls

Don't remember, and it wasn't a big thing. It happens.

IPSECME-ANIMA MADINAS-I2NSF

sedate,cbor oath,lake oath,add core, dane

HPRC - RTGAREA

LAKE, OAUTH MLS, RATS SAAG, IOTOPS CFRG, OAUTH

MOPS and RTGWG MBONED, INTAREA and IDR GROW and TEAS BIER and TEAS PIM and LSR

irtf-open/secdispatch saag/httpapi

MADINAS, Privacy Pass

Please list any sessions that you wanted to participate in that were schedu...

OpenPGP / Dispatch LAMPS / DANCE

ADD / Crypto Forum

6man, CAN IRTF Open, INT Area RTG Area, ALTO IAB Open, MPLS SPRING, ICNRG

ippm vs v6ops

dnsop x 6man

raw - dmm lpwan - lisp - tsvarea intarea - irtfopen roll - teas savnet bof - iotops icnrg - spring

IAB Open, Privacy Pass

mops, masque avtcore, tsvwg

intearea | detnet raw | teep lake | rtgwg lpwan | ace 6lo | rtgarea

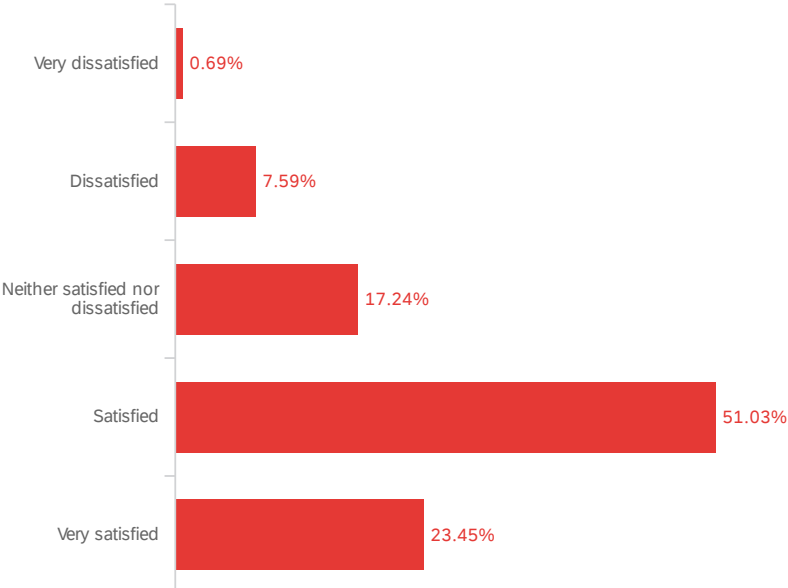iepg, welcome reception irtfopen, dtn

MAPSRG and BMWG

RAW/IPPM RTGWG/MASQUE CAN/QUIC QIRG/TSV MBONED/IRTF open MAPRG/RTG open PANRG/ IAB open PIM/ Webtrans

wish acme tsvwg moq tls avtcore tsvwg

ppm/icnrg

Dispatch IPPM PEARG TSVWG DNSOP QUIC Intarea DTN IRTFopen Secdispatch HRPC TLS IABopen Panrg Privacypass ADD Shmoo Webtrans Opsawg

Q20 - How satisfied are you with the scheduling of sessions to avoid conflicts?

Very dissatisfied — 0.69%

Dissatisfied — 7.59%

Neither satisfied nor dissatisfied — 17.24%

Satisfied — 51.03%

Very satisfied — 23.45%

Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
How satisfied are you with the scheduling of sessions to avoid conflicts?	3.89	0.87	145	8.28%	74.48%

Q22 - How satisfied were you with each of the following participation mechanisms? (Skippin…

Legend:
- Very dissatisfied
- Dissatisfied
- Neither satisfied nor dissatisfied
- Satisfied
- Very satisfied
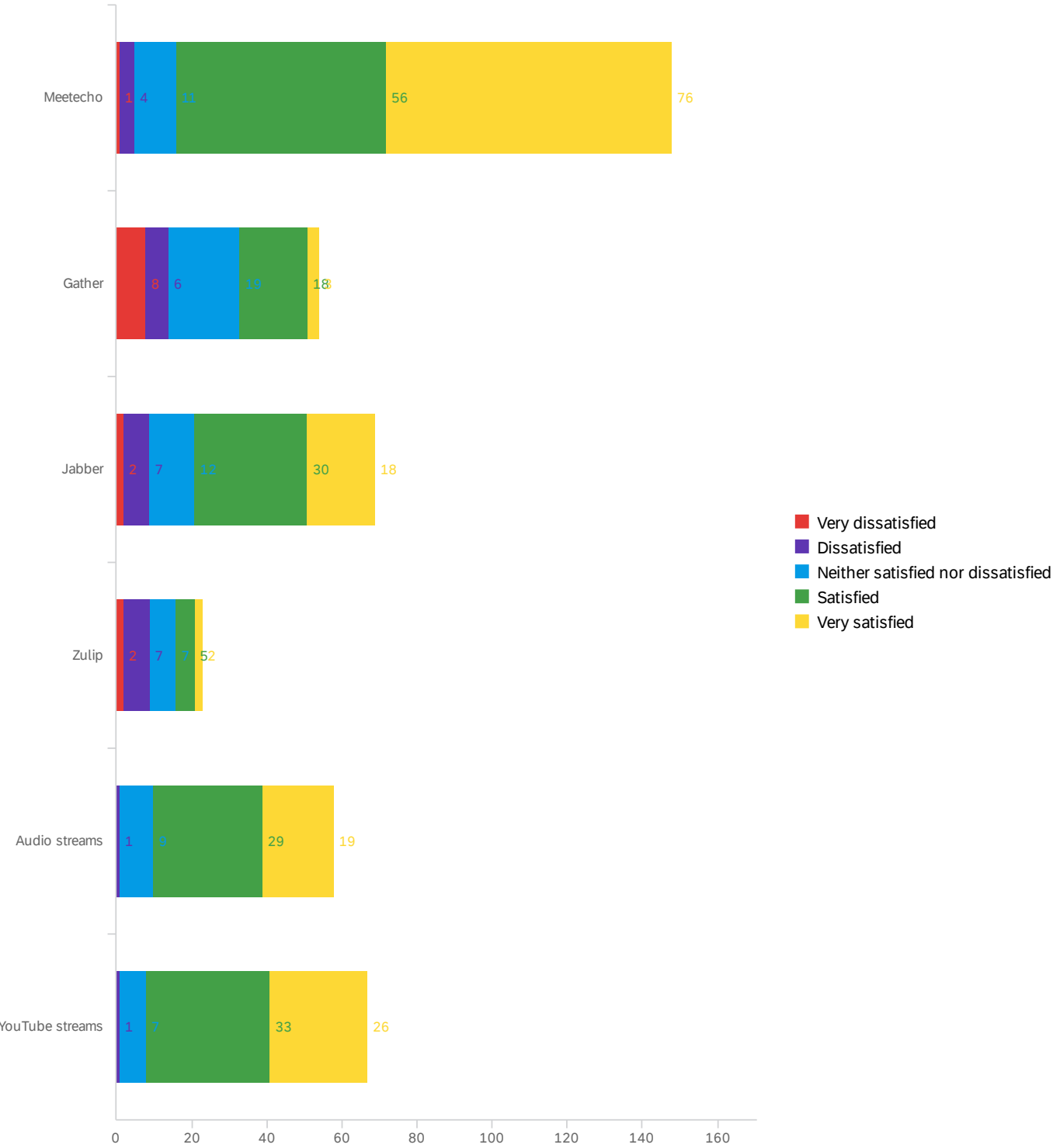
#	Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
1	Meetecho	4.36	0.79	148	3.38%	89.19%

#	Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
2	Gather	3.04	1.12	54	25.93%	38.89%
3	Jabber	3.80	1.03	69	13.04%	69.57%
4	Zulip	2.91	1.10	23	39.13%	30.43%
5	Audio streams	4.14	0.73	58	1.72%	82.76%
6	YouTube streams	4.25	0.70	67	1.49%	88.06%

Q24 - How can we improve the meeting participation mechanisms?

How can we improve the meeting participation mechanisms?

VERY important: add Meetecho chat to the mobile phone interface! Otherwise, when attending onsite, either you bring up your laptop as well or you are excluded from the online discussion. Also, please bring back Matrix interfaces - they could be a good alternative for meeting chats on the mobile phone.

I think the meetecho system worked really well. I wonder if we can just lean into one communication system instead of multiple so as to have everyone using the same tools?

usual issues (A/V problems onsite); nothing particular. keep iteratively making things better, meetecho in particular has made enormous strides over the past two years and the hybrid experience was excellent from the onsite perspective.

Force chairs to do the training!

This is a MeetEcho queuing thing, but I'm used to tools that let me say things like - this is a follow-on question - this is an answer to the current question - this is a new topic Has that been considered? (Obviously, a single queue for remote and onsite participants was a win)

A chat client on meetecho mobile website or at least a link to open Jabber/Zulip streams. Most WGs didn't have zulip streams, it would have been nice if both jabber and zulip were available.

Motivation and collaboration can be increased

Remember remote participants

integrate Jabber-Chat in mobile on-site participation screen

Meetecho audio/video streams do not work behind some coorporate http proxy, which makes remote attendance more difficult (while webex, zoom, teams works fine)

Figure out how to reduce the overall number of mechanisms that essentially require attention in parallel.

The onsite Meetecho tool is ok, but it lacks the ability to see a list of the participants and the chat.

During the first session on Monday there were some problems, but it was resolved quickly and WG chairs (if not physically present) had a local coordinator to help out in case of online issues

Please include the results of any "show of hands" polls in the meeting recording. Please make the Jabber chat available on the mobile version of the Meetecho client.

In-room meetecho thing clearly needs work, but that's ok. Goal ought be to get that to the point where there's no need to join the "full" meetecho client whilst in the room.

Meetecho integration - opportunities to learn meetecho features before an event. Presentations that are hosted from Meetecho (vs. the chair's laptop) had technical difficulties

More preload. Get the agenda from HTML & ancilliary files into MeetECHO More Chair training. 3-4 sessions was amateur hour for 15min There were persisting foldback-echo problems. Small, but annoying. There should be better facility to mute inputs from Chairs, Floor. AGC is not always your friend

Fix audio echo

It was a minor access to materials during a working group meeting. MeetEcho staff were right there to address it in real-time. So, no issue really.

Concentrate on meetecho and avoid jabber

meetecho balance between the in-person session and the Meetecho (webex) crashed on Friday.

Somehow to integrate the jabber feed into the YouTube stream - I was surprised at how much is lost w/out the jabber feed.

Probably preaching to the choir: Make sure chairs and presenters (if they want to run their own sheets) actually follow meetecho training

Meeting mechanisms worked fined for working groups, but both in the codesprint and office hours, there was nothing provided, thus we needed to set up things on our own, which took some time and didn't provide very good end result (i.e., ending up in the office hours of using ADs laptop to talk to other ADs not on site, and then later founding out that they did not see the video from the room etc). The thin meetecho client is missing chat, which means that I rather used the full client in onsite meeting rooms. Also on the phone the thin phone client timed out when your phone was shut down, and getting it back up was took some time, i.e., whrn you tried to get out from the queue after returning to your seat, you had to close the window, find it again from agenda, relogin and then click remove from the queue.

Meetcho need to improve the icongraphy for joining so it becomes clearer. People still struggle with queing and how to share preloaded slides.

Zulip is not yet available for all WG, hence not yet really useful. Meetecho is a good tools and the full version is satisfying. The lightweight one, the only usage I see is the onsite speakers were able to control their slides via their phone (as I did), other than that the usefulness is limited.

Meetecho had a lot of teething issues in the hybrid mode. The volume from in-room participants was not at the right level, it seems like the speaker volume in the room was also not proper, we had echo problems from the room. This is besides the usual set of problems associated with individual remote participants' audio.

Meetecho has evolved to do fairly well at providing audio streaming. The slide presentation is now quite smooth. Our newer issue is better resolution of audio for in-room and remote attendees.

Don't know about Zulip until this questionaire; Gather while Onsite never raised to interesting level (but compared to other fully remote conferences, much better; Perhaps set up some rooms (terminal room) with continous streaming into gather ?

Problems loading latest slides into meetecho - resolved with help

Jabber is antiquated, but the in-room chat function is useful. Now that it's integrated into Meetecho, the backend doesn't really matter -- just use the Meetecho client.

There are still wrinkles with Meetecho that need ironing out. E.g., sometimes slides appear with unreadable (mangled) fonts. Also, the chairs seem to struggle a bit with wrangling Meetecho. But these are details to polish, not systemic problems.

YouTube stream having the jabber or active queue/speakers would help. I'm told some of the is available in Meetecho, so I'll check that out.

Meetecho has improved, but there are a few really bad issues that still haven't been fixed. Mute and unmute take an absurd amount of time. The queue is not visible when in chat. Video for the active speaker is often scrolled offscreen. Fixing these would help greatly.

It would be good if also the new Lite version of Meetecho for onsite attendees showed the ongoing countdown started by the sessions Chairs.

Meetecho support is fantastic

Thin-Meetecho should have access to the chat; it's the only feature I missed.

I thought Meetecho performance was outstanding. The system really does get better with every IETF meeting. The improvements in support for remote presentation were especially excellent.

Web site for registration could be improved to be more user friendly

Audio stream seemed to lag a lot this time. I know getting out and reconnecting can help, but when you do that you obviously loose some of the stream.

I personally think Gather is a waste of time, but others may disagree.

Jabber became a non-problem during the plague because it was gatewayed into Meetecho. Now that we're meeting in person again, jabber is again impossible to use if you are on-site, and in fact I did not participate in any jabber rooms because doing so is effectively impossible, and no help was offered on the meeting page. I see that you're asking about Zulip, so I guess maybe that was available, but if the link I click on on the agenda doesn't bring me to the thing I need, but instead offers to bring up Cisco Jabber, which doesn't even support jabber group chat, that's pretty useless. It's really time the IETF got over the fact that xmpp group chat isn't supported by any software that can be safely installed e.g. on a Mac, and stopped defaulting to it. If it makes sense to use it under the covers, great, but please don't make us struggle with it. It was really frustrating not to be able to participate in Jabber. IRC would be a better choice, and I'm not saying that to encourage switching to IRC. Sorry to be so negative, but it's really frustrating to slam up against this wall yet again.

speakers name at room camera speakers picture/video for remote

Logging into DataTracker on phone is pain. I use looooong passwords. Maybe support for login link via e-mail or something like that would help?

Meetecho remote integration with local rooms needs tweaking, but Meetecho folks were very responsive at fixing issues with echo/volume in sessions where there were problems. People talking into microphones with masks on is generally not a good way of getting good audio quality.

The room audio levels were consistently lower than the remote participants. This causes a lot of volume adjustment for folks who are remote, but there cases where max-volume was insufficient for me to hear some speakers. I understand that room echo may have been a factor in the room audio settings, but this is a problem for all hybrid conferences and requires better echo-control.

Live scroll-back to see a slide you missed would be awesome.

I think we need more discoverability or integration of the social gathering spaces to the WG/etc meetings. I would like to be able to connect my preferred jabber account to my Datatracker/Meetecho account.

Meetecho US just sucks. Switch to zoom. Seriously.

Q24a - How satisfied were you with the following COVID management procedures and facilit…

Legend:
- Very dissatisfied
- Dissatisfied
- Neither satisfied nor dissatisfied
- Satisfied
- Very satisfied
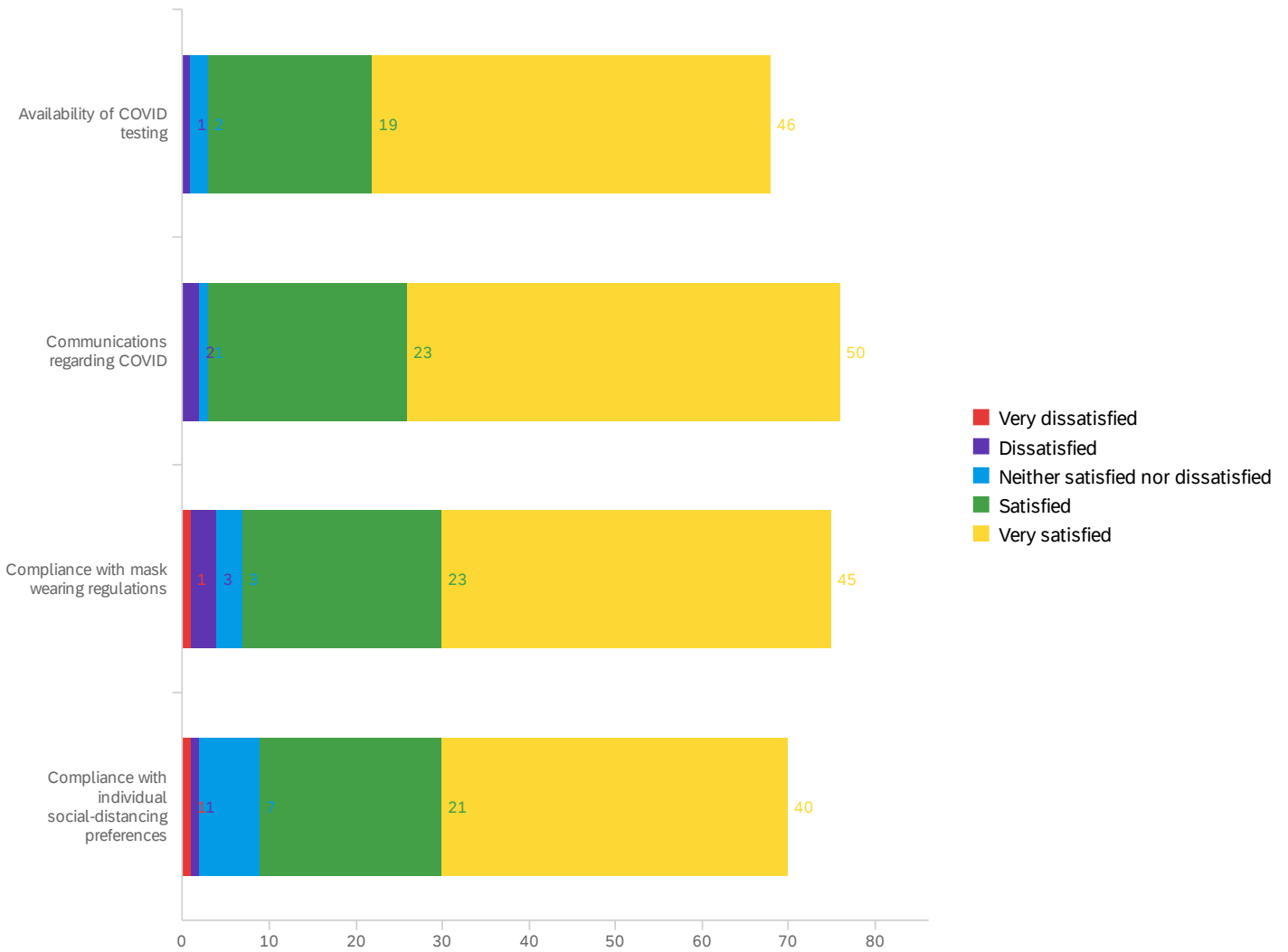
#	Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
1	Availability of COVID testing	4.62	0.62	68	1.47%	95.59%
2	Communications regarding COVID	4.59	0.65	76	2.63%	96.05%
3	Compliance with mask wearing regulations	4.44	0.85	75	5.33%	90.67%
4	Compliance with individual social-distancing preferences	4.40	0.83	70	2.86%	87.14%

Q24b - How satisfied were you with the following facilities specific to a hybrid meeting? (Skip…
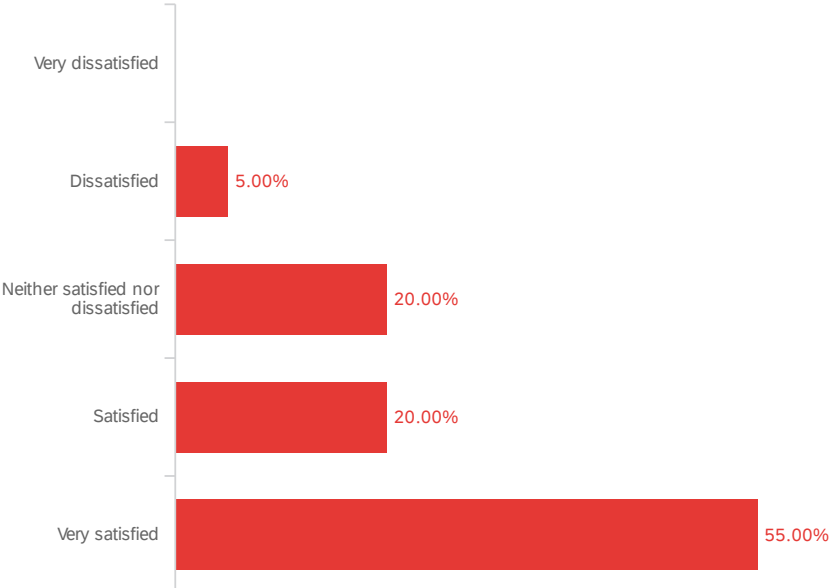

Legend:
- Very dissatisfied
- Dissatisfied
- Neither satisfied nor dissatisfied
- Satisfied
- Very satisfied
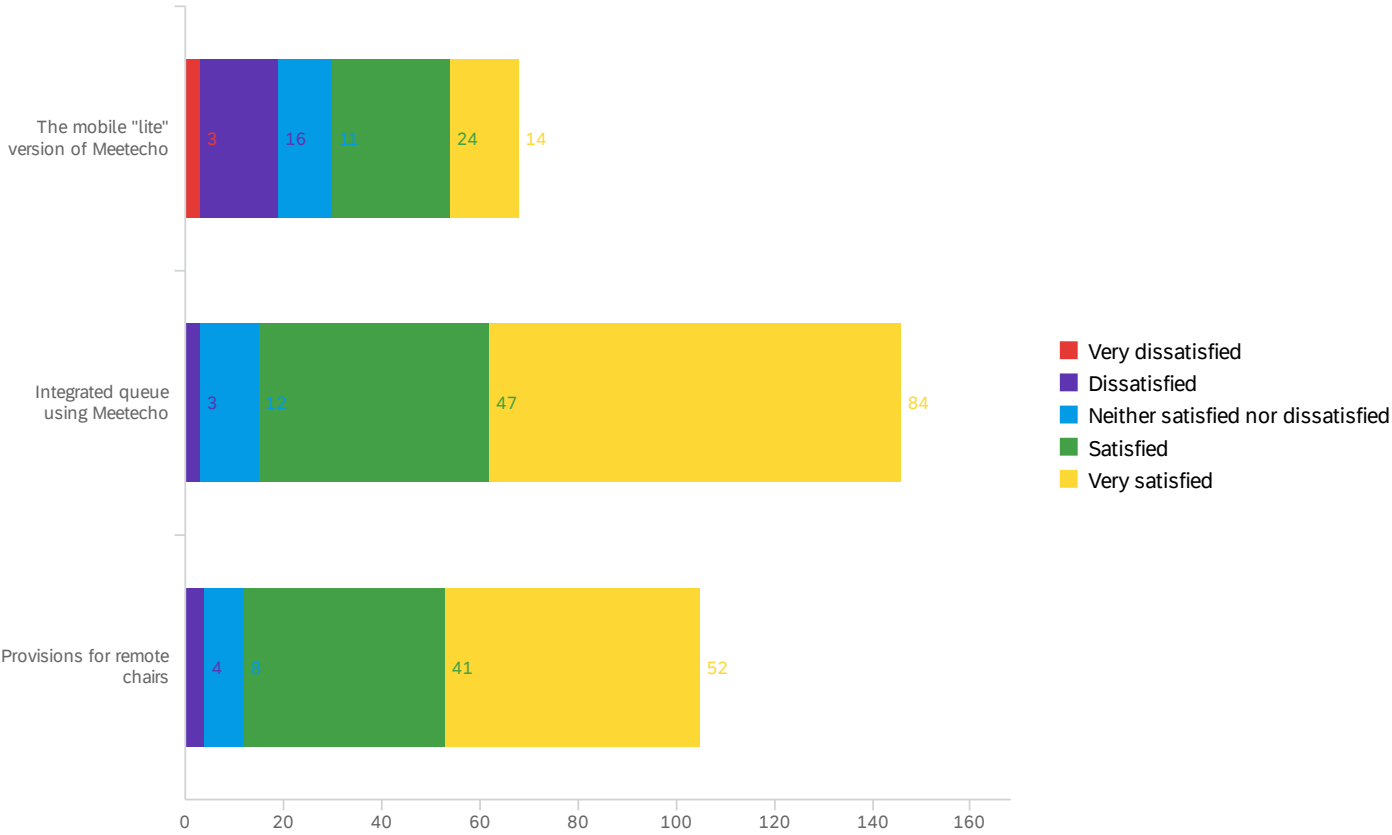
#	Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
2	Integrated queue using Meetecho	4.45	0.73	146	2.05%	89.73%
3	Provisions for remote chairs	4.34	0.78	105	3.81%	88.57%
1	The mobile "lite" version of Meetecho	3.44	1.18	68	27.94%	55.88%

Q23 - Did you report a problem with any of the participation mechanisms or your registration…

Yes 14.47%

No 85.53%

Q25 - How satisfied were you with the response you received to your problem report(s)?

Very dissatisfied	
Dissatisfied	5.00%
Neither satisfied nor dissatisfied	20.00%
Satisfied	20.00%
Very satisfied	55.00%

Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
How satisfied were you with the response you received to your problem report(s)?	4.25	0.94	20	5.00%	75.00%

Q26 - How can we improve our problem reporting process and our response?

How can we improve our problem reporting process and our response?

It is pretty good

Reporting process was fine but the problem was a long term one. It is still nearly impossible to determine who is speaking from within the room. Captions show only "room mic" or equivalent, people either do not announce their names or mumble them quickly, etc. Back when we were not keeping minutes and Jabber sessions separately, we more often than not had Jabber scribes who tried to record speaker names in that log. But now it goes into the minutes if at all and trying to simultaneously the minutes, an active Jabber session, and the audio and slides for an active meeting is very nearly impossible. The other long-term problem (and this meeting seemed worse than previous ones with both in-room and remote participation) was getting the microphone volume level consistent and adequate from the room vis-a-vis remote speakers. Some of the problem, of course, is people speaking in the vicinity of the microphones rather than into them. But, although it has limits, AVC ("Automatic Volume Control") stopped being rocket science many years ago.

Working well - mentioning meetecho in chat is a fine approach, don't lose that.

explicit Linkage in Meetecho "get help" to bring tech assist/audio assist into the session.

Maybe automate collection of OS/browser/platform details from the submitter

No suggestions. The meetecho team was very responsive

Meetecho was able to help the in-room person, and some people for Friday's meeting. I suspect network connectivity was the problem.

Q27 - Is there anything else you would like to say?

Is there anything else you would like to say?

Please do not listen to the negative people who would like to prevent everyone else from meeting in person for their own political views on climate change or their own social non-interaction preference. Let's go back to 3 physical meetings per year!

I attended remotely a single session using a single day pass hence, I didn't have much to comment about. Nonethess, the remote session went well without any glitches.

I thought it went really well, overall. I felt like within the sessions, onsite and remote participants had the same ability to engage. I'm sure it was harder socially to be remote, but I think that's just one of the inherent benefits of being in person, and part of why one pays to come. I think there was a solid effort to keep the remote participants engaged, but at the end of the day, it's just not an equal opportunity, and acknowledging that might free us up not to try and (over)compensate for the disparity of experiences.

Meetecho "lite" should have a chat client.

Translation is really important for this kind of hybrid meeting, cause everyone don't speak english. next time try to provide translation please.

I was onsite, but it was too easy for me to use the usual MeetEcho client - I never tried the onsite client. I've talking in email with Jay about this, but there are reasons for onsite participants to attend sessions from their hotel rooms. The ones I tripped over were - "I was exposed to CoViD-19 just before traveling to IETF 113, and was in my room until I tested negative" - "my leg was hurting, and I could put my foot up in my room" - "found audio on Meetecho to be superior to in-room audio (I didn't do A/B testing, but I would not be surprised at this one)" From my own experience - During lockdown, I went from a 14-inch laptop with two 24-inch monitors and a mouse, to a 14-inch laptop, and I am just horrible with limited real estate. I've improved things enough by plugging in a mouse and sitting at the tables at the front of the room downstairs, but if we didn't have enough seats there, I'd probably be upstairs as well And, as a presenter in in the room in AVTCORE, -I wasn't watching the chat (which in most of the sessions I attend is practically a parallel session that jabber scribes and even attentive chairs can't possibly relay into the room, because there's so much information being exchanged), and - I was trying to pay attention to someone asking questions on Meetecho, which meant that I had my back to the chair(s), and - I did have one person, but only one person, on Meetecho that I couldn't understand about 70 percent of what the person was saying - I can't wait to find out what their question actually was! So, has Meetecho gotten TOO good, so that it's better than being in the room for presenters? I can't POSSIBLY comment. 😎

I loved the slide-sharing feature for mobile meetecho. People should be more aware of that ;) .

Packaging all slides for work group presentation will be helpful,

Is there anything else you would like to say?

Thanks for all your efforts!

very good ietf

Thank you very much for providing free registration option.

IETF 113 did not work well as remote. The WG sessions worked, but the hallway interactions – which were poor for fully remote meetings – were completely unusable. Side meetings were also unusable remote, but the IETF MUST NOT make these seem more official by providing better remote support.

I would have preferred to do a COVID test each morning in my hotel room. Instead now I had to leave the hotel which wasn't convenient and I ended up only doing it once on Thursday. The kits at registeration were also not useful because you still have to leave the hotel to submit them somewhere. I ended up taking one but never used it

The integration of remote participants can be improved Add some more high tables and sitting areas for side meetings

Continue with Hybrid meetings

Parts of this survey seem to have involved questions in forms that were each to ask rather than ones designed to elicit maximum information that could be interpreted unambiguously. Possibly getting better than some prior attempts but the rate of improvement could be increased.

It was a good meeting, thank you.

Thanks for bringing back the onsite option, it was great to meet f2f again!

The mobile meet echo client needs to include chat and show the queue.

Best wishes.

Facilities for better integration of off-siters in breaks would be nice (no concrete proposals yet). Cookies were great.

The "lite" version of the meetecho tool didn't provide an easy way to see/participate in the chat. I used the full version of the tool every time as a result, which was a bit wasteful of bandwidth, as you can't turn down the incoming video streams.

Is there anything else you would like to say?

Thanks for all your efforts. I believe IETF 113 was a success.

I had registered as a virtual attendee, but did not attend because I didn't want to get up at 4am to attend the sessions I was interested in. It is also difficult for me to justify spending my time in IETF meetings to my current employer. Finally, I had participated in an in-person conference in Philadelphia that week and was unable to effectively participate in both events.

The hybrid approach is good and provides options to the participants. We should continue with the hybrid meeting and based on the experience continue improving the meeting

It remains impossible to fluidly have hybrid meetings, no matter how great it looks on Star Trek. The real world isn't like that. Y'all did great, and hybrid will always be worse than fully in-person or fully remote.

Thank you for the great hybrid meeting.

It would be better if Meetcho could automatically upload presentations so chairs don't have to do it at the start of the meeting.

Nice job by the staff under very difficult circumstances. It really was great and the obstacles faced were so tough. I proud of the organization.

Thank you so much for relabeling some bathrooms as all-gender. Please continue doing this at future meetings. The vegan options provided by the hotel catering were astonishingly bad. During multiple breaks, there was only fruit available for me to eat, as they even dipped their vegetable sticks in some non-vegan sauce. This was especially inconvenient before the plenary. Next time, can you please try to make sure the hotel understands the difference between vegetarian and vegan options? Thank you!

It was really great to see IETFers again - don't ignore the fact that many of these people have a decade or more of meeting 2-3 times per year - that builds many things so let's not lose it. Also, IESG: be more radical with the agenda - hybrid is not the same as fully online or pre-2020 so you really need to think more about what constitutes success for those on-site and those not.

It's incrementally better. We could go a long time using this and be fine. We could (should?) be discussing 1 year fully remote, 2 hybrid moving forward maybe: flying is wasteful, even noting the loss of side meeting opportunity The real work is done on the ML as always. It pays to remember this.

Thanks for another great meeting. See you in person in Philly!

Thank you for the effort and for having a hybrid event, it is not so easy.

Is there anything else you would like to say?

I ended up using the full Meetecho all the time. The lite version was missing too much functionality that I found very useful. This is not necessarily a problem, but a comment. It would be nice to have more sessions per day. Perhaps encouraging WGs to use 60 or 90 minutes slots?

Thanks for making this happen :)

Resume normal in person meetings. COVID Risks to non-obese healthy people under 65 are virtually non-existent and completely politicized. If you are high risk you should stay home and protect yourself, otherwise you should be able to go about your normal every day business without all of the mask BS.

Consider disabling meetecho chat during local presentations, as it is not correct to have two ongoing parallel discussions in chat and at the mike and expect that presenter and participants will be able to keep up.

Despite of the inevitable difficulties of hybrid meetings I consider it a big success!

Thanks to the LLC and MeetEcho for this first hybrid meeting that worked great! It is clear that a lot of effort has been put into it and the outcome has been near perfect. Kudos

Thank you to meetecho, Greg Woods, and IETF secretariat for all their aid. Sue

Nice job at the first hybrid meeting. No, it wasn't normal, but it couldn't have been. The Meetecho innovations will hopefully live into the future. It was very nice not to have to use our own laptops to present.

I think it's resource wasting to book Hilton in Vienna for just a few hundreds of visitors. Session I've been to were 20-50 participants only (even for huge hall-like rooms in the ground floor), anyone could easily pick whole line of seats for themselves.

Meetecho full client was required for chat. Meetecho on mobile is better in-room. Logging into a second client destroys/vanishes/makes disappear the other window. Probably good to have chat in the mobile client

The meeting just pointed out how much important work happens with ad-hoc meetings on the hallways etc. There were several cases where I managed to solve some issue just by seeing the correct person on break, and talking to him. This is something that did not happen on the remote meetings.

Thanks for making a successful onsite meeting

One thing that could be improved is the Agenda page in data tracker. It is not obvious that "join the meeting" is a camera icon in between many others that says "video stream". It would be much more intuitive to have it as the FIRST icon saying "join the meeting"

Hybrid meetings are here to stay. The IETF needs to re-organize itself to introduce a more formal cadence for online-only/interim sessions for WGs (say once every 2 months) and then the 3 times a year hybrid meeting. The WGs should use the online-only interims for both very new work as well as highly contentious topics. The WG sessions at the IETF should exclusively have those topics that need a wider WG participation plus an actual WG discussion rather than just presentation.

Meetecho lite has a tendency to log you off, and is missing jabber functionality.

Thanks for resuming back to non-exclusive online-only meetings.

Non-session time seemed sharply split between Gather and the real world. If we expect to use Gather for the foreseeable future, perhaps some standing "gateways" for in-person conversation would be appropriate?

I see and appreciate all the hard work put in to make hybrid meetings work. Thank you! That said, we lose a bit of the "life" that comes from spur-of-the-moment discussions at the mic. When speakers queues are digital and maintained rigorously, fairness is gained, but liveliness is lost. You win some, you lose some … ;-)

Very Good Meeting with some new idea discuss

* I was comfortable with the ratio people/sqm in most of the sessions (for the smaller rooms; the larger rooms would have allowed more). I didn't attend oblivious http because there were too many people already in the room (for me). * 300-350 on-site attendees looks like the lower boundary for a successful f2f meeting.

Would have attended in person if it was in the US. Definitely looking forward to attending in person in Philly. But as a remote participant, I thought the hybrid format worked much better than expected. I give tons of credit to the Meetecho team, who provide fantastic support and wonderful tools. As a WG chair, Meetecho performed flawlessly.

very good first-ever hybrid.

Would be great to have OpenRoaming (Passpoint) on the ietf network.

I thought IETF was highly productive under very challenging conditions.

Remote chairing went very well. Meetecho continues to get better and better.

I said I was dissatisfied with the in-meeting Meetecho even though one of its major functions was a big success: the single queuing mechanism is really good and should be kept. This is huge. But, the lack of jabber support was a real bummer… :]

Is there anything else you would like to say?

thank you - I think this will be the future normal way with at least half remote and half on site

I am SUPER glad in-person meetings are back because participation and productivity was so clearly DOWN with remote-only. This meeting was very valuable to re-establish connections and move work forward much more quickly. I think the organizers did a great job. I am 100% satisfied.

great job, well done!

Please show the chat on the mobile meetecho as well

Thank you for IETF 113 meeting !

Minor inconvenience were snacks and coffee/hot water for tea, which appeared only after first block of session and not before. That was inconvenient for informal meetings in hallways _before_ the sessions started. Not everyone on site sleeps until 10 am. Similarly snacks/coffee during the hackaton were managed somehow mysteriously. Sometimes they disappeared an hour before lunch/dinner etc. Why? It does not take an hour to bring new stuff to place and it would be better to keep snacks on tables as long as possible to give people opportunity. On a different topic, me and my colleagues have had trouble registering for Vienna city covid tests. The german-only web site with deficient error handling for user input made it hard to register and understand what's needed even though we do understand basic German vocabulary. Maybe a basic outline/how-to in FAQ would help. (First register here, take screenshot of your QR code, you can go to test booth over there without prior reservation ...) Transparency about infected people was nice. Maybe it would be even more reassuring if there were also posts like "no new infection detected today"? Remote participation in Meetecho was somehow problematic. In the sessions I were in all sessions had some troubles with slides and passing control over them from chairs to presenter. It seems that the Meetecho UI is not intuitive enough - or more specifialy does not provide sufficient feedback so people who are trying to operate it do not know in what state Meetecho is and what to do about it. Maybe some hints in the UI would help? Something like "John Doe is sharing slides, you cannot share until he stops." vs "YOU are sharing slides. Nobody else can start sharing until you stop." and so on.

Looking forward to seeing the recordings of sessions that happened at 0400 my time...

We still need 3 f2f Meetings a year

I was really looking forward to getting back to IETF in person, but: - Lack of critical mass of attendees - Restrictive mask rules in Vienna would hinder casual chats I know you had to choose a location in advance and at the time Vienna probably looked good, and you weren't to know it was to become one of the most restrictive in Europe at the time of the event. Should have picked Stockholm - guaranteed to be relaxed!

I was super impressed with Meetecho's capabilities continuing to expand. Queue handling worked very well for both remote and in person attendees -- that's a great challenge, and well done.

Is there anything else you would like to say?

Meetecho Lite was difficult to use because it didn't show participants list and chat, so I had to open full Meetecho on a laptop as well. This caused the Lite to log out. I then had to keep manually turning off every incoming video stream, and mute the audio, because I was in the room and could see the large screens.

End of Report