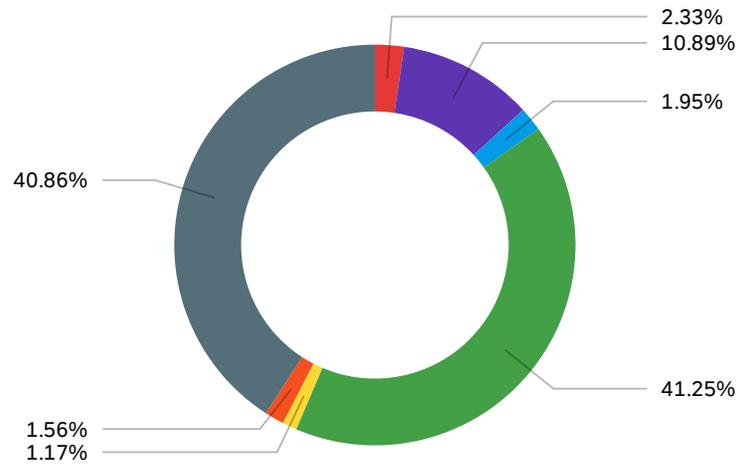


IETF 109 Post-Meeting Survey

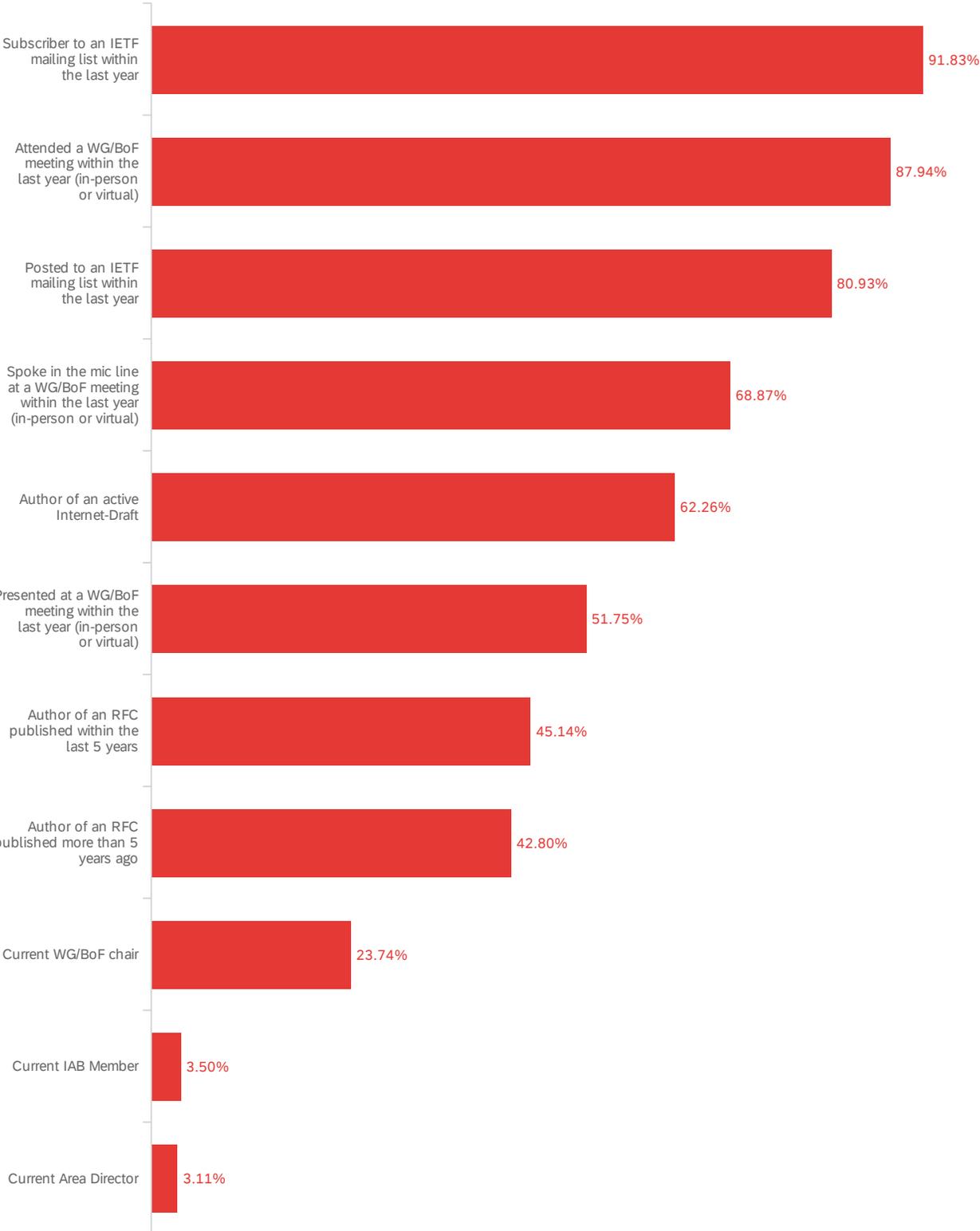
IETF 109 Meeting Survey

December 7, 2022 1:37 PM PST

Q1 - In what region do you live?



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



Q3 - Did you participate in the IETF 109 meeting that has just finished?

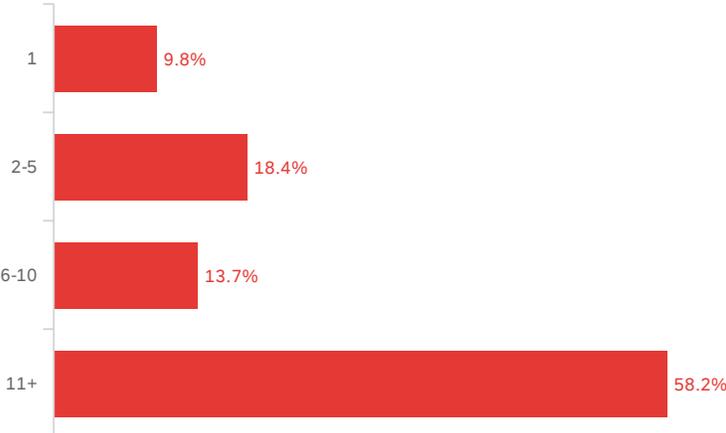


#	Field	Choice Count
1	Yes	96.89% 249
2	No	3.11% 8

257

Showing rows 1 - 3 of 3

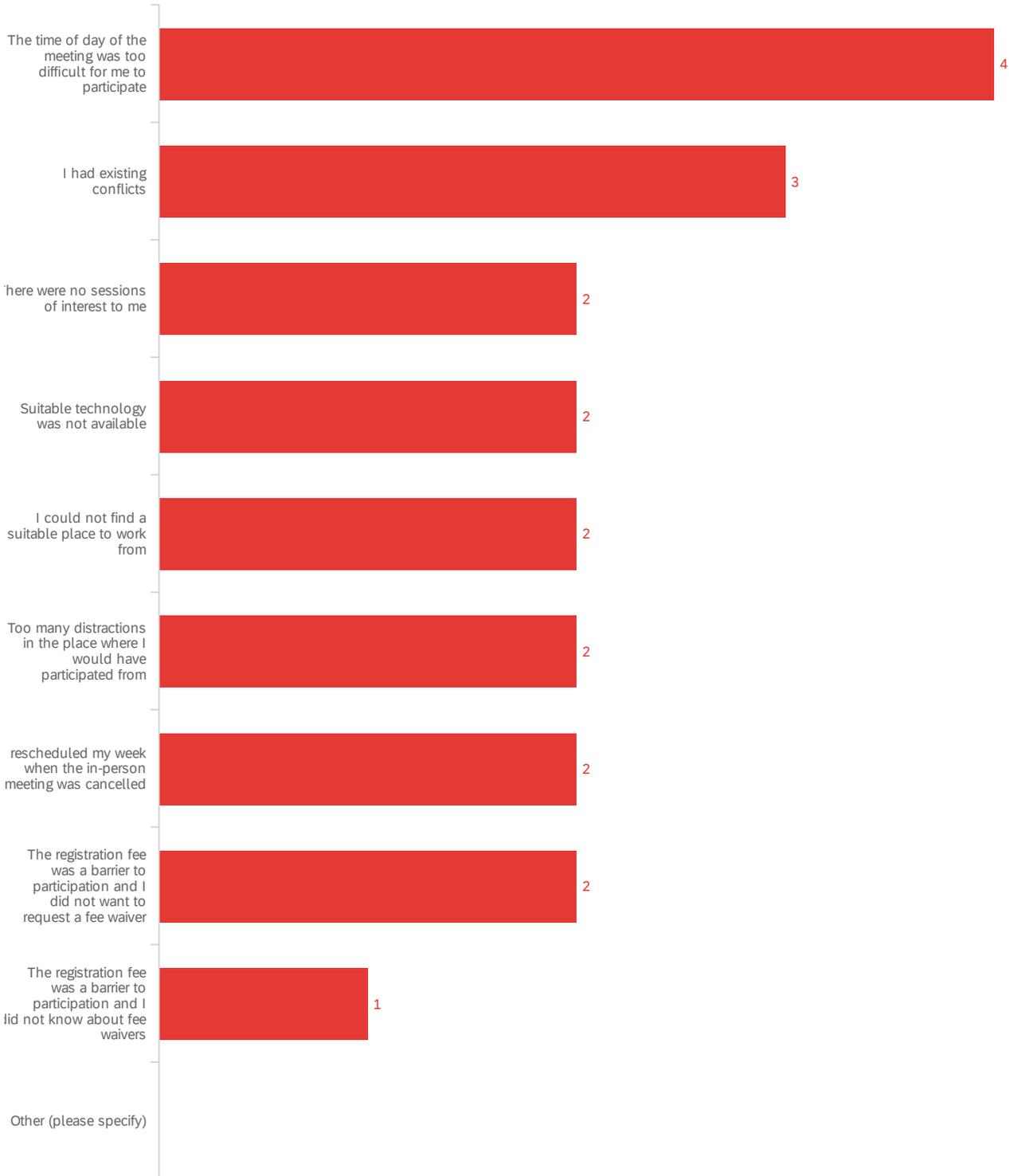
Q4 - How many IETF Meetings have you participated in? (including this meeting)



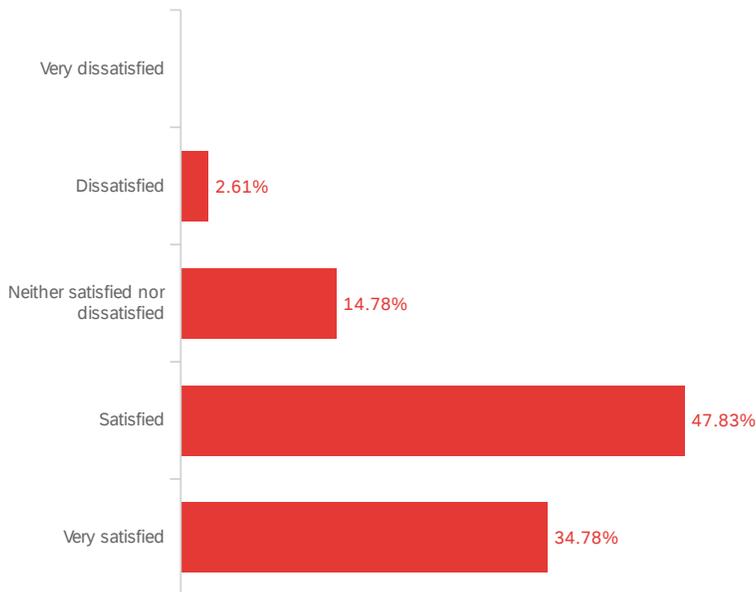
#	Field	Choice Count
1	1	9.77% 25
2	2-5	18.36% 47
3	6-10	13.67% 35
4	11+	58.20% 149
		256

Showing rows 1 - 5 of 5

Q5 - Why didn't you participate in the IETF 109 meeting? (check all that apply)



Q6 - How satisfied were you with the chair / participant testing sessions before the meeting?



#	Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
1	How satisfied were you with the chair / participant testing sessions before the meeting? - Selected Choice	4.15	0.76	115	2.61%	82.61%

Q6_7_TEXT - I was unable to attend a testing session (please explain why)

I was unable to attend a testing session (please explain why)

the meetecho training video was a waste of time; very inefficient

simply forgot it ;-(

scheduling conflicts

personal time schedule

I was unable to attend a testing session (please explain why)

missed announcement for testing

agenda conflict

Weekend testing slots would have been nice like last ietf.

Timing, a very bad week, and announcements that were not easy to separate from the noise.

Timing

This is the first time I've even heard of a "testing session", whatever that is.

There were none at the end of the previous week or over the weekend.

There were a lot of emails out, and not always easy to find right session. I went through the website, and do not recall testing sessions noted for each session.

There is confliction between the test and my work.

Not many opportunities, but video recording was good enough

My WGs weren't meeting and I was swamped.

Meetecho worked flawlessly for me in IETF108, so I didn't test it out this time. Mistake on my part

Late signup

Job duties were very busy to clear my schedule to attend IETF 109 sessions 'live'

Issues with meetecho and jabber were painful

In hindsight, dissatisfied because so much went wrong despite the tests

I would have expected someone to be present at the session chairs meeting to assist with technical issues, but there was nobody except us would-be chairs

I was overloaded for the testing during this IETF. I had tested this for IETF 108 and was using the exact same setting. In addition, the meetecho was quite intuitive and worked well last time, so I was not too worried.

I was not available.

I was unable to attend a testing session (please explain why)

I tested for 108 and it worked fine.

I had to switch to an iPad at the last minute and didn't test meetecho ahead of time - but it failed.

I had other work related meetings at the same time as the meeting that was best for my timezone.

I had not received this session

I had a meeting during those two time slots.

I didn't know there was a testing session

I did not know the testing session existed. I was hoping for one, but did not see an announcement.

I appreciate the multiple testing sessions that were provide, and the good support from meetecho staff for those testing sessions (and for the WG sessions themselves.)I think we may want to encourage chairs to make use of the chair signup testing slots. Having chairs verify that the can present and s

Conflict with other commitments

"The week before thanksgiving" is chosen by many organizations. Apart from IETF109 I participated in 3GPP 134e and EANTC NETCONF/YANG interop the same week.

Q7 - How can we improve the testing sessions before the meeting?

How can we improve the testing sessions before the meeting?

Maybe notify this on the mailing list?

More sessions, smaller number of people per session.

Make them available at any time, not just for scheduled sessions

post information on known problems with different browsers. If fixes are available, please post these issues.

I wasn't aware of testing sessions. However, I participated in the Hackathon too, so I was already quite familiar with the meetecho system. I love it.

Perhaps a couple more.

More ad-hoc testing time for WG chairs

I think the testing is fine provided that people are connecting with some minutes ahead of the scheduled time of the meeting

N/A

Offer more testing sessions throughout the day. From Europe, the test sessions of 109 were either very early or during lunch break.

For virtual meetings, should arrange longer time span, say 2-3 weeks, so people don't have to speak at 3am

I agree with the sessions

Maybe run a stress test? Create artificial load on the servers, sustain for at least an hour, verify that nothing breaks?

use stable environment

great team effort

How can we improve the testing sessions before the meeting?

n/a

The fact that you need testing sessions Says. It. All. I don't need testing sessions to use other conferencing systems. My 93 year old neighbor doesn't need them either. Neither does my wife's dance group, and these are people who came to do the door to provide the ID because it didn't occur to them they could email it.

Announce it better. Give a test url for meetecho (if not already done).

Using either screen share or slides, actually demonstrate to people where the buttons are for different actions and what they do.

i don't know enough about the technology to suggest anything, I'm just glad that you employ experts on hand to make things work.

Time of event email prompt. And active xmpp/other hallway during test meeting

idk

NA

NA

Make them convenient for any timezone

Maybe have browser- and OS-specific guides available, especially for issues like granting access to the microphone, camera, and screen sharing.

improve error messages - instead of "unauthorized user" say something like "did you forget to register for IETF? - here's the link"

I attended IETF 108 so assumed that Meetecho would work much the same this time.

Testing was successful yet the sessions were problematic. Recommend the testing be done same as life calls.

Besides specific "guided" sessions, there should be a self-check room available.

I was given the opportunity, but since it worked last time I didn't test this time.

How can we improve the testing sessions before the meeting?

Given people's inability to plan ahead and the frequent Meetecho technical glitches, it would be nice to have a test session open throughout the meeting.

Sessions were very helpful.

Provide a script to have chairs follow when testing. That script should include switching between presentations, to help chairs discover screen-recording shortcomings or permission issues before real meetings.

It's fine.

weekend slots

I saw the discussion about the prova room for meetecho device testing. I didn't need that, but it sounds promising for everyone who's running Big Sur ...

Have on-demand sessions, not only a few slots.

provides multiple testing sessions with different native languages.

Not have IETF meetings "the week before thanksgiving".

Make something like an interactive tutorial. There should be no need for a real person doing this.

Stay open minded and collect feedback from the users and operators. And try to keep solutions simple...

It is good.

If there could be an open meetecho session (like the hallway jabber room), it would help. The videos of the recorded test session were nice, but not for actual testing.

can't think of anything

the best way to make chairs more familiar with the tool is to let them use it for a virtual interim beforehand. Something realish.

Have sessions be open at any time, and let a chair test out being chair by starting a test meeting at any time (fine to have limits on length and number of people who can join).

How can we improve the testing sessions before the meeting?

Either offer more sessions, or have longer sessions. The chair session I attended felt rushed.

may be opening the session 15 minutes earlier ?

It's excellent you offer it - I just wasn't able to find the time. Everything worked fine however.

It appears that the advertising of the sessions didn't reach the people who most needed it. Maybe the reasons for testing were not clear: stressing the variations in software and devices might help.

Automate them and run them continuously.

get more people to join them. get more people to actually go through the situations they will be at an actual meeting. maybe even automate the response so the testing can happen at any time (not sure that makes sense)

More time to play. Have someone from Meetecho to answer questions.

Keep them running for a longer time.

maybe add a hand up/mic/camera check after a few minutes, i.e. each person puts their hand up, then the moderator calls each person in turn to unmute & say hello

Make it self-service. Where we can set up and schedule test sessions. Interims and other meetings ourselves.

I think we may want to more explicitly encourage chairs to use the individual testing slots so that they can verify that they can present and speak. I believe the slots were half an hour. That is probably the right size. While often 15 minutes will suffice, when things break the chairs will need the extra time to sort it out.

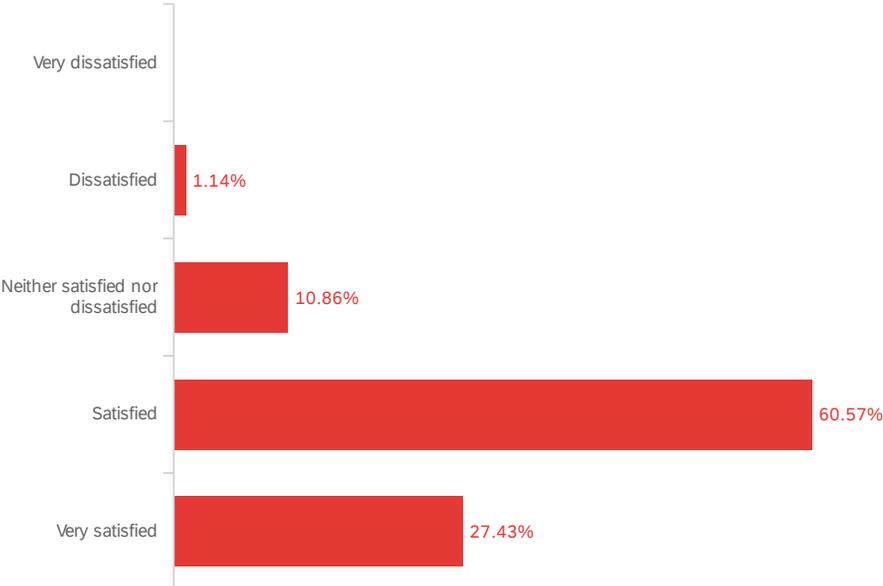
It was good to use a different browser (explorer edge) that worked better than chrome on my system. All worked fine for me.

Pick a tool that doesn't need a testing session before the meeting

For me everything was working following the instructions

dunno, meetecho works ok so I'm confident enough in it

Q8 - How satisfied were you with the chair and participant guides?



#	Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
1	How satisfied were you with the chair and participant guides?	4.14	0.64	175	1.14%	88.00%

Q9 - How can we improve the published guides?

How can we improve the published guides?

Add tips for browsers so I can start to fix the browser issues 1-2 weeks ahead of time.

I think it is more a personal attitude form chair than an IETF possible general action.

Putting both UTC and local timezones on the same guide/agenda would be nice.

N/A

Have a wiki style page. I don't even know where the guides are

with minimum content

by giving feedback

Guides are beside the point. Your technology needs to be replaced.

Shorter video tutorial. The one that was posted was 1hr long. Should be able to make a good demo in 10 mins or so

The guides still assume a working knowledge of IETF customs that aren't always obvious e.g. what the mic queue even is (which isn't obvious now everything is virtual). Reading 1000's of words of BCPs isn't a feasible way of absorbing that.

To note that you cannot, from meetecho, open the meeting chat in another browser tab - it just clears the meeting chat.

Use of Slack is not well instrcutred. In general, seems that we may have too many meeting tools (jabber, slack, github, wiki, ...)

I'm using a Mac, and Safari, Firefox, or Chrome. As near as I can tell, MeetEcho doesn't work very well in Firefox or Safari on a Mac. I would strongly recommend that MeetEcho's testing of its tool should include browsers that its user community is likely to use, not just one cherry-picked from the list of possibilities (Chrome).

The guides were well written. I found what I needed to know, thanks.

How can we improve the published guides?

Prefer slightly more opinionated guides,, vs exhaustive all-in-one. A narrative arc told of a meeting might be a unifying metaphor

Better indexing rather than assuming everyone will read them from beginning to end and retain all of it.

NA

N/A

Yes. Not sure exactly how to ensure the tools work before meetings and not during WG calls.

N/A

I didn't know a participant/chair guide existed?

I am used to these so do not read them.

N/A

Guides are not very useful, have more tips in the webpages itself.

provide again a slide to chair with info about how to use queuing and show-hands look that they can include in their meeting slides

Video or guides with pictures are good

no suggestions

Accessability to the agenda could be improved greatly

Again, it seems that the people who needed to read the guides were the ones who didn't. I wonder if some very simple headline bullets would make a more accessible guide. Also, perhaps, a "click here for help" situated prominently in Meetecho and in the Agenda and everywhere else you can think of.

Provide detail on using meetecho to join with video and audio and use the queue. Con Ng from zoom, meetecho isn't intuitive.

How can we improve the published guides?

I read the guide last time and used the testing session to update myself. No idea if there would have been a delta that I could have used.

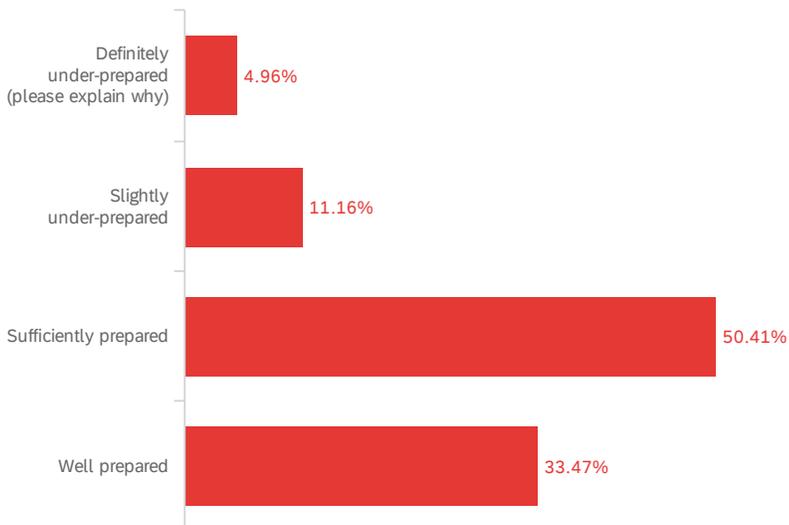
Looks like many folks are unaware of them! We need to find innovative ways to make sure everyone reads them before!

Add trouble shooting / known issues text.

Not sure

Do not assume that people will read a guide; make the software usable. It's 2020.

Q10 - How well prepared were you for participating in IETF 109?



#	Field	Choice Count
1	Definitely under-prepared (please explain why)	4.96% 12
2	Slightly under-prepared	11.16% 27
3	Sufficiently prepared	50.41% 122
4	Well prepared	33.47% 81
		242

Showing rows 1 - 5 of 5

Q10_4_TEXT - Definitely under-prepared (please explain why)

Definitely under-prepared (please explain why)

I was prepared for the meeting technology, but there's always too many WGs and issues to study

I thought I was well-prepared based on experience from IETF108. Proved to be over-estimation.

IETF not a priority for my employer due to its increasing irrelevance. I could not attend any of the many interim meetings and things moved on very quickly between IETF meetings, which made it difficult to follow in the main plenaries.

Didn't join meetings first day. Would encourage newcomer walkthru to mostly point people to tools, e.g. tools.ietf.org, and perform...a checklist of useful actions, "affordances of ways to participate" in the meeting and with others

Definitely under-prepared (please explain why)

It would be very helpful if the IESG resumed the rule that materials, including detailed agendas and chair slides, were required to be posted well before each session (the old cutoff, IIR, was the Thursday or Friday before the meeting started). Absent materials/agendas/slides, the sessions get cancelled. This is especially important for all (or even mostly) remote meetings and if the IETF does not want to exclude people with minor visual or significant English-language disabilities.

I have subpar internet connection in my area :(

Lack of previous in-person meetings has killed momentum for me and thus it was easy to procrastinate in preparing for these virtual meetings which are less than engaging.

For timezone constraints I choose to attend only two sessions and apply for a fee waiver, so this time I was under-prepared.

except for the timezone. yikes....

Should have prepared meals for myself in advance because the 30 minute breaks are not enough to wrap up a meeting, prepare and eat food, and get set up for the next meeting (especially when using Gather for corridor chats)

The pandemic has put everything behind schedule

Q11 - What else could the IETF do to help you prepare?

What else could the IETF do to help you prepare?

Better tutorial how to use gravatar ;-)

can we add PPT in the meeting to meeting material link

Sometimes WG participants forward slides they intend to present to the chairs at the last minute; it isn't a problem if they plan to present the slides themselves. However if they are expecting the chair to present their slides, then I have to have seen the slides, copied them somewhere where I can upload them to the IETF meeting site. I wonder if we can give presenters direct access to uploading their own slides? Perhaps through a one-time misc login that is only shared with presenters?

Send notifications like submitting slides earlier

It would be good if there is opening session that give participants an overall idea what will happen in the following days.

Not sure - most of the problem was lack of time due to day job obligations.

IETF information was clear and good.

see earlier comments - need aid to fix and find problems relating to chairing sessions.

I think for the WGs I'm following it is more my blame if it happens I'm not prepared.

N/A

Schedule testing sessions a bit earlier (i.e. in 2 weeks)

More hand-on sessions

I think finding different tools was overwhelming. People will throw in names of apps - use this or that. I feel that one integrated product is necessary rather than switching tabs, logins, avatars and what not. It's just too much. See Whova as an integrator app.

Interaction

What else could the IETF do to help you prepare?

Structuring a totally virtual meeting as if it were in person is nonsensical. Rather than have Rooms 1-n, have one room per meeting working group, open them a few days before meeting week and close them a day or so after. That way people prepping for the WG meeting can hang out there and discuss things before and after the formal meeting. It's not quite the same as an in-person meeting.

chairs to post status messages with reminders, maybe once a month, or once every two weeks.

Shorter videos for chairs- 10 mins or so

Improve its external reputation and become more relevant to modern technologists, so individuals don't have to argue for the time to prepare and attend.

It was much easier this time round as the approach taken was broadly consistent with that for IETF 108.

A meetecho session with a bot and no other participants, just to check video and audio. This could also help to introduce meetecho features.

Walk-through, or opinionated checklist of actions to try oneself. And to acknowledge that others might use, allowing me to expect to check them.

Send agenda earlier

N

Perhaps the WGs should have more virtual interim meetings to make progress in a more engaging way beyond email lists.

Nothing IETF can do, just me.

Meetecho test sessions before the start of the hackathon.

Not clear

earlier availability of meeting materials

1. Make sure the agenda times/dates are correct. 2. Offer an option to toggle the dates/times to a tz of my choosing

What else could the IETF do to help you prepare?

I would have benefited from some extra explanation of the one day pass. A quick mention of the one-day timeframe would be useful - I was unsure if the day started in my timezone or ICT and had to do a bit of digging to confirm.

N/a

I think what you offer is (at least) fair.

It's good to have some interim meeting

Please make the traditional "Meetings Materials" page easily available again (or equivalent and whatever it's called). See ticket <https://tickets.meeting.ietf.org/ticket/1442>

Nothing; I'm good. clearly others need to prepare more.

I didn't see a recommended presentation format. It seems that most materials I saw were PDF but neither the WGs nor the overall IETF had a recommended best format. It may be helpful to steer toward one or a handful of recommended presentation formats.

I suspect the problems of 2020 are outside the IETF's charter to fix

Time constraints and also first meeting to get some idea of how things work. IETF is doing well in making material available beforehand.

Provide local time agenda as ICT wasn't familiar to me and I almost got the wrong time for the meeting I wanted to attend. E.g. a link for each session to a "time and date" site where I can look up the local time of the session would be useful.

It's not really the IETF's problem :-)

If we could use meetecho for the interims (or even for design team meetings), more people would be used to the system

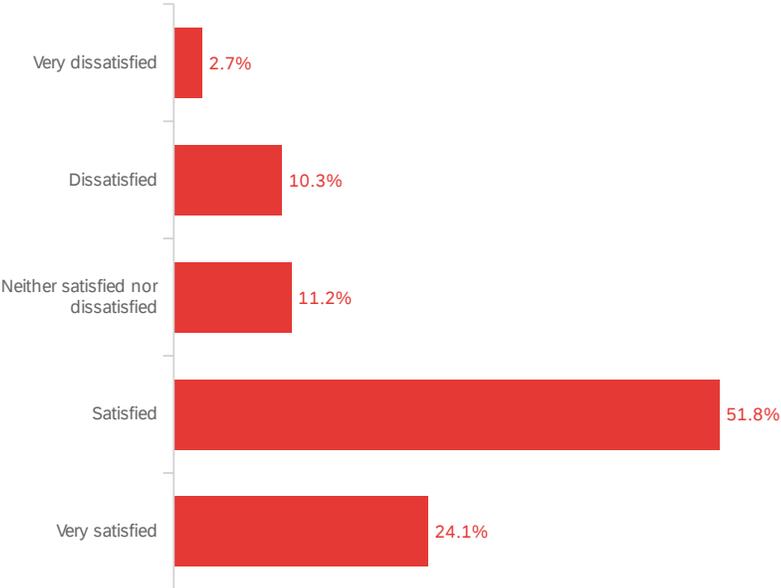
Deadline enforcement for meeting material upload in advance

Add an echo test to meetecho (like the Skype echo test: record a few words & hear the playback). I had to use Skype to adjust my microphone gain when somebody told me I was saturating.

What else could the IETF do to help you prepare?

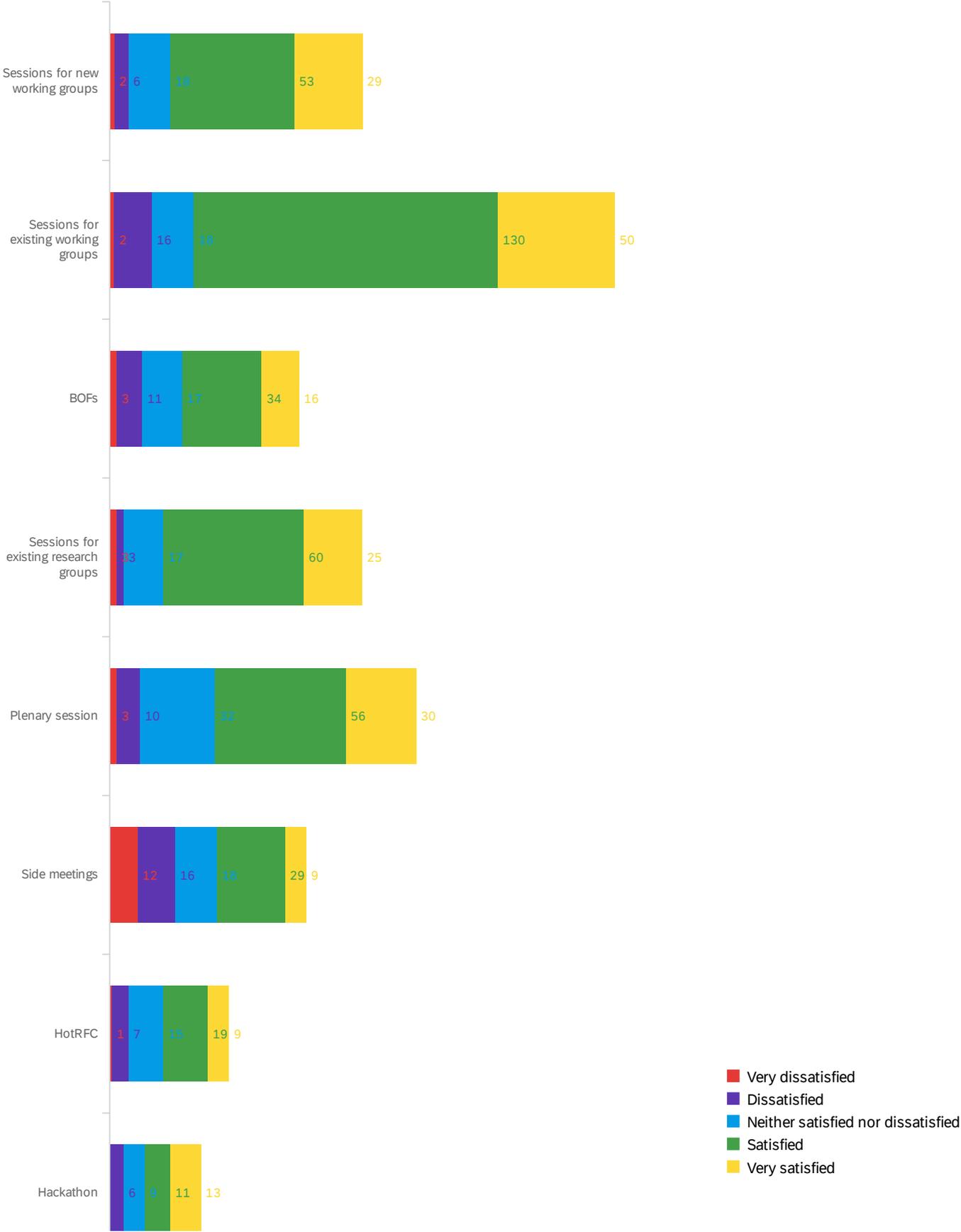
The achronyme page (I was redirected to in a WG by one of the participants) could hugely help

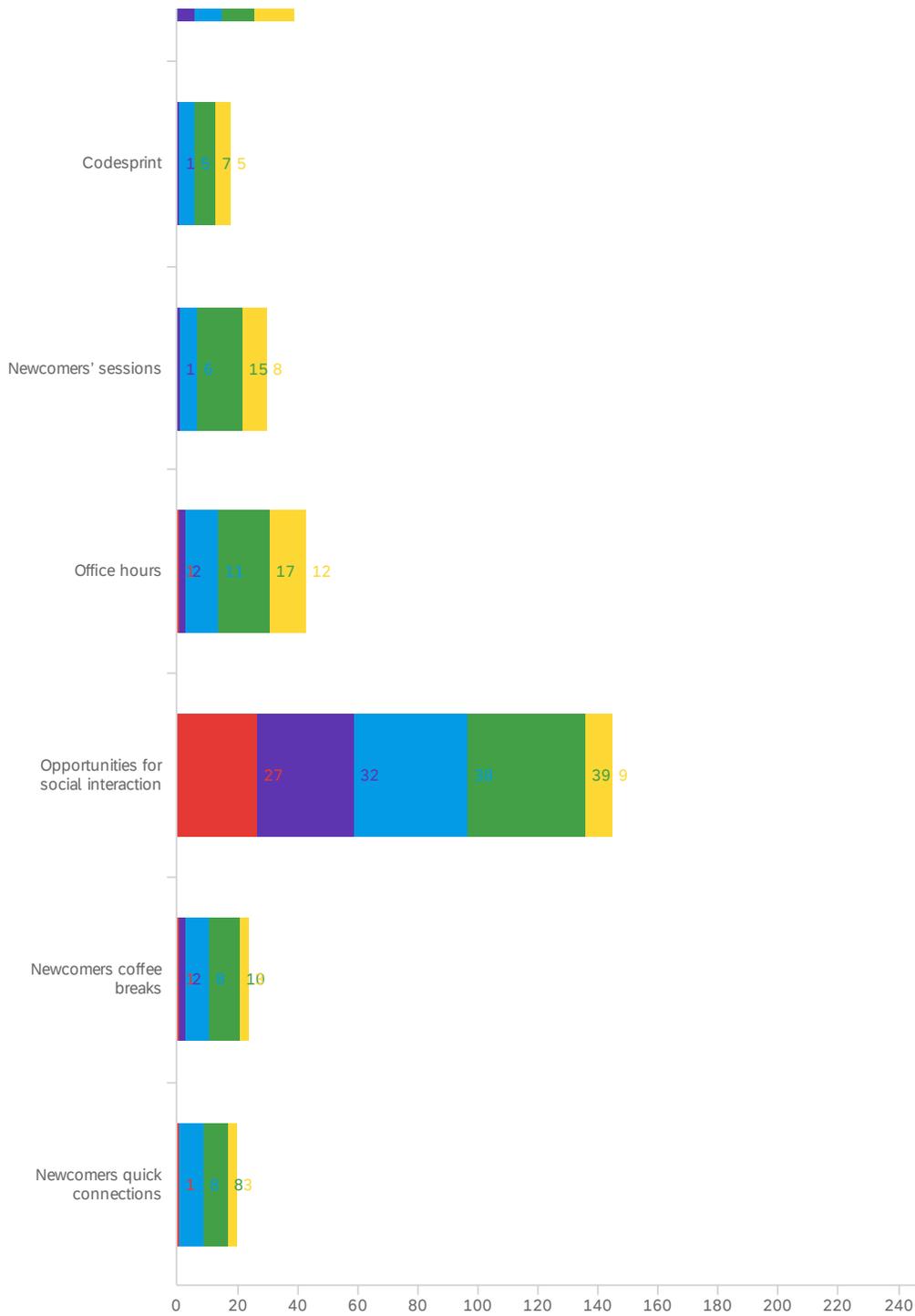
Q12 - Overall, how satisfied were you with the IETF 109 meeting?



#	Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
1	Overall, how satisfied were you with the IETF 109 meeting?	3.84	0.99	224	12.95%	75.89%

Q13 - How satisfied were you with each of the following parts of the IETF 109 meeting agenda? (Skipping a line is the same as answering N/A)





#	Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
1	Sessions for new working groups	3.94	0.91	108	7.41%	75.93%
2	Sessions for existing working groups	3.97	0.83	216	8.33%	83.33%
3	BOFs	3.60	1.06	81	17.28%	61.73%
4	Sessions for existing research groups	3.94	0.86	108	5.56%	78.70%

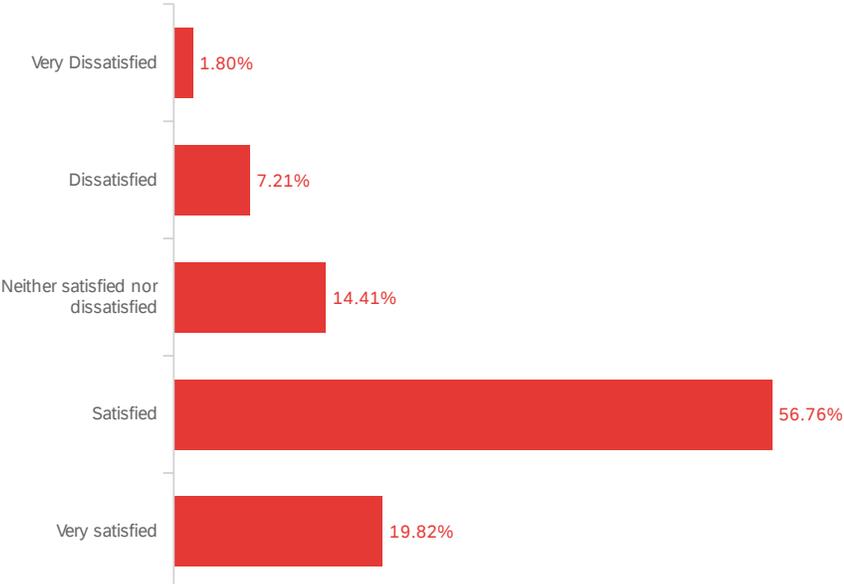
#	Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
5	Plenary session	3.76	0.96	131	9.92%	65.65%
6	Side meetings	3.08	1.24	84	33.33%	45.24%
7	HotRFC	3.55	1.00	51	15.69%	54.90%
8	Hackathon	3.79	1.07	39	15.38%	61.54%
9	Codesprint	3.89	0.87	18	5.56%	66.67%
10	Newcomers' sessions	4.00	0.77	30	3.33%	76.67%
11	Office hours	3.86	0.95	43	6.98%	67.44%
12	Opportunities for social interaction	2.80	1.20	145	40.69%	33.10%
13	Newcomers coffee breaks	3.50	0.96	24	12.50%	54.17%
14	Newcomers quick connections	3.60	0.92	20	5.00%	55.00%

#	Field	Very dissatisfied	Dissatisfied	Neither satisfied nor dissatisfied	Satisfied	Very satisfied	Total
1	Sessions for new working groups	1.85% 2	5.56% 6	16.67% 18	49.07% 53	26.85% 29	108
2	Sessions for existing working groups	0.93% 2	7.41% 16	8.33% 18	60.19% 130	23.15% 50	216
3	BOFs	3.70% 3	13.58% 11	20.99% 17	41.98% 34	19.75% 16	81
4	Sessions for existing research groups	2.78% 3	2.78% 3	15.74% 17	55.56% 60	23.15% 25	108
5	Plenary session	2.29% 3	7.63% 10	24.43% 32	42.75% 56	22.90% 30	131
6	Side meetings	14.29% 12	19.05% 16	21.43% 18	34.52% 29	10.71% 9	84
7	HotRFC	1.96% 1	13.73% 7	29.41% 15	37.25% 19	17.65% 9	51
8	Hackathon	0.00% 0	15.38% 6	23.08% 9	28.21% 11	33.33% 13	39
9	Codesprint	0.00% 0	5.56% 1	27.78% 5	38.89% 7	27.78% 5	18

#	Field	Very dissatisfied	Dissatisfied	Neither satisfied nor dissatisfied	Satisfied	Very satisfied	Total
10	Newcomers' sessions	0.00% 0	3.33% 1	20.00% 6	50.00% 15	26.67% 8	30
11	Office hours	2.33% 1	4.65% 2	25.58% 11	39.53% 17	27.91% 12	43
12	Opportunities for social interaction	18.62% 27	22.07% 32	26.21% 38	26.90% 39	6.21% 9	145
13	Newcomers coffee breaks	4.17% 1	8.33% 2	33.33% 8	41.67% 10	12.50% 3	24
14	Newcomers quick connections	5.00% 1	0.00% 0	40.00% 8	40.00% 8	15.00% 3	20

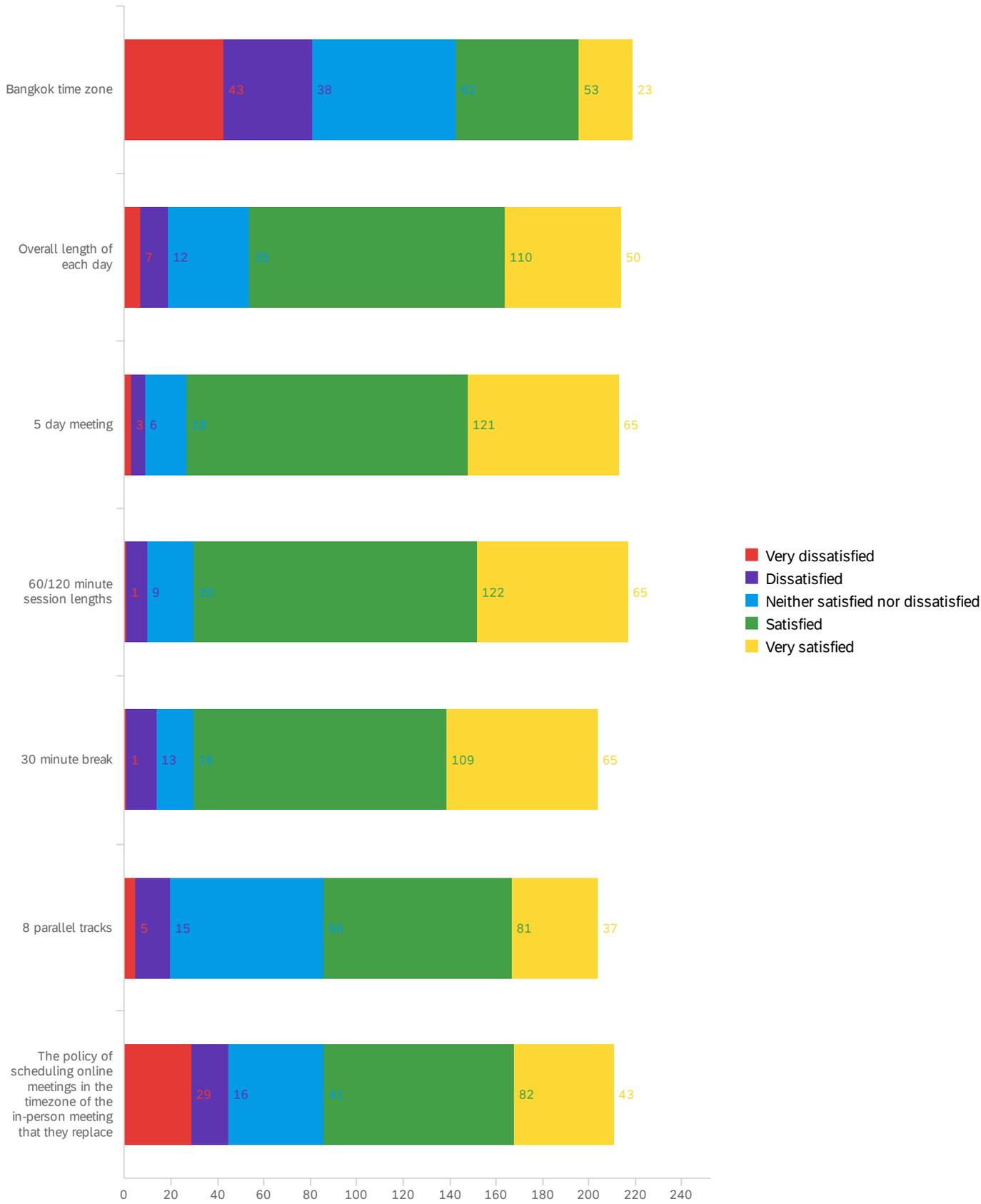
Showing rows 1 - 14 of 14

Q14 - How satisfied were you with the overall agenda of the IETF 109 meeting?



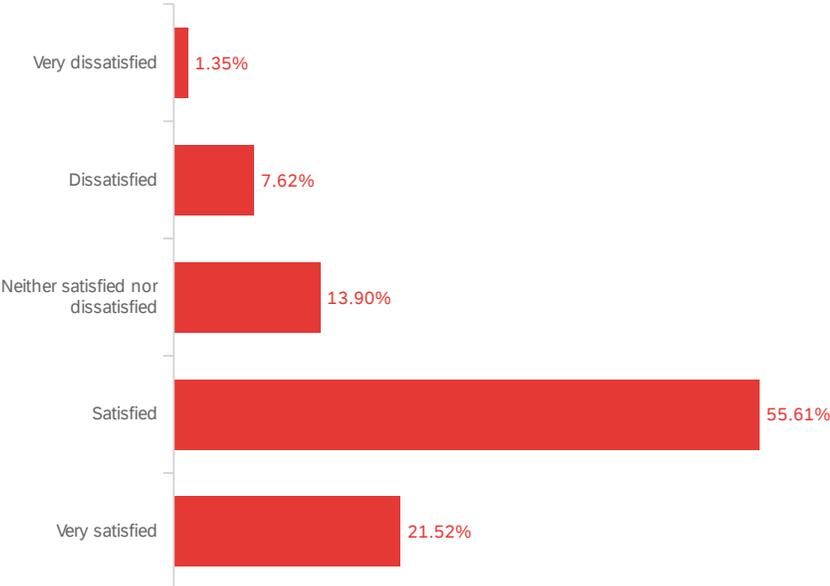
#	Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
1	How satisfied were you with the overall agenda of the IETF 109 meeting?	3.86	0.88	222	9.01%	76.58%

Q15 - How satisfied were you with each of the following elements of the structure of the IETF 109 meeting? (Skipping a line is the same as answering N/A)



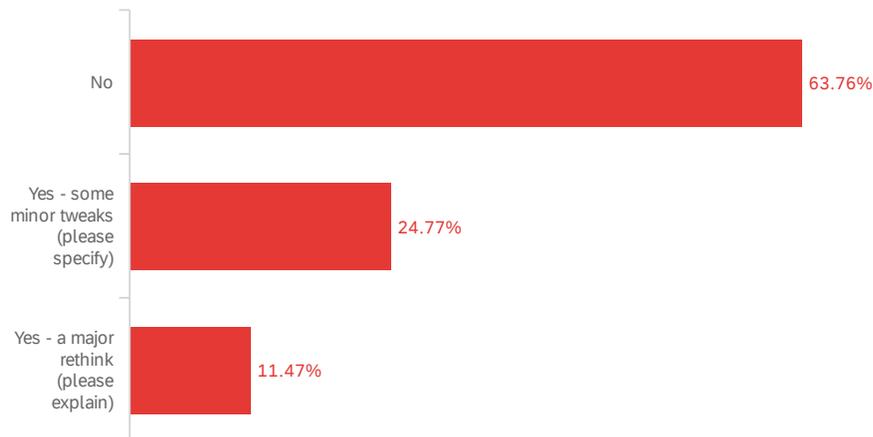
#	Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
1	Bangkok time zone	2.89	1.27	219	36.99%	34.70%
2	Overall length of each day	3.86	0.95	214	8.88%	74.77%
3	5 day meeting	4.12	0.78	213	4.23%	87.32%
4	60/120 minute session lengths	4.11	0.77	217	4.61%	86.18%
5	30 minute break	4.10	0.83	204	6.86%	85.29%
6	8 parallel tracks	3.64	0.94	204	9.80%	57.84%
7	The policy of scheduling online meetings in the timezone of the in-person meeting that they replace	3.45	1.28	211	21.33%	59.24%

Q16 - How satisfied were you with the above structure of the IETF 109 meeting?



#	Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
1	How satisfied were you with the above structure of the IETF 109 meeting?	3.88	0.88	223	8.97%	77.13%

Q17 - Does this structure need a rethink for IETF 110 in March 2021?



Q17_2_TEXT - Yes - some minor tweaks (please specify)

Yes - some minor tweaks (please specify)

It would be great if the entire calendar - all scheduled events, of all levels of formal and informal meetings - could be found from the agenda, including the URLs to launch VC sessions etc

Allow chairs to schedule sessions at a time favorable to working group members

could shorten the break times to 20 minutes.

The times

Probably it's worth considering keeping only 2 session slots for Friday (as with offline meetings). People are usually tired by Friday.

mainly about choosing a timezone which will satisfy participants

Timing should be balanced between americas/eu/asia

IETFERS is meant to achieve a lot in 1 week and with hackathons etc, even more. We need to extend meetings over longer number of days and shorter hours. I don't think we are accomplishing much in this format.

Get rid of 2 hours sessions! 2 hours glued to a screen is too long.

Collaboratory

Yes - some minor tweaks (please specify)

-timezone depending on other factors than the initially planned city. Could be timezone of majority of intending participants, or of youngest participants, or of most female participants, or of participants risking to contribute most. Length of the meeting: 50min + 10min break. Never more than 1hour sitting without a break.

60 mins is too short, 120 mins is a bit long for some mtgs. 90 min slots would be goldilocks. Only real complaint

Given most meetings over-run, the 30 minute break is at the bare minimum possible. 2 hours is a sensible maximum for an online session

Reduce the parallel tracks and so reduce meeting clashes.

Encouraging more side meetings and other interaction outside of the working group sessions would be good. Other than that, I thought that the format worked well.

Less parallel sessions.

Less parallel session to avoid clashes

Longer breaks. I had to join the first sessions from home, and then, within 30 min. run to work.

Fewer tracks but not fewer than 4. Discourse forum or another forum integrated with email would help little thoughts get shared faster. And watering hole, place, pretty accessible like email. But apart from the rest of life. Emails mixed in

If we are going to do a meeting in, e.g., the Bangkok timezone, we should do it in the Bangkok timezone, not start at noon their time. The principle should apply to future meetings, including IETF 110 as well.

Technical issues and recordings need to be resolved

It is painful to meet in other time zones but I think it is fair and in line with the IETF policies for in person meetings.

Improve network access and test before each meeting.

One longer "lunch" break.

Will be somewhat better in Prague timezone, just please don't start at 9am local!

The IESG should push more groups to not use agenda time during this week. Using the draft deadline is still a tool that would be available to them.

It depends. I realize we keep the TZ to share the "time of day" pain for participants, but it was almost impossible to attend IETF109 as the plenary was at 2am local time for 2 hours. Ouch.

Yes - some minor tweaks (please specify)

Please respect the original timezone - IETF 109 time was shifted (meetings started around noon instead of 9:00am bangkok time)

More insistence that WG chairs provide agendas well before the meeting

Multiple sessions indicated that they are planning for an interim. Maybe split between session at main IETF meeting and use of interims could be better planned in advanced.

The Gather space is wonderful in general, but I found no beneficial use for it. I suggest to arrange regions there for different topics: for example, if there was something like a "DNS corner", I would have better chance finding someone with the same area of interest.

Condense it to fewer days since nobody needs to recover from a jet lag.

Well, timezone sharing will always be an issue. As a European - you've done a good job for me. The US East-coasters suffered, for them every minute earlier would have been fair.

The timezone needs to be tweaked to be easier for the bulk of the participants. IETF 110 if run from 12-6pm CET, would be fine. Obviously no way to make everyone happy, especially w/ a six hour time slot.

Every time zone , people are different, in my case staying late was fine. Should I have had woken up at 3AM would have been different. I am wondering if starting with a light first day to accomodate the TZ would not be beneficial. I heard some folks, trying to adapt to the BKK timezone, but that is not the same to be home not making any noise versus taking a camera and going for a walk outside to stay awake the days before the IETF. I imagine some tweaks like this may be useful to consider, and I am sure other will propose others.

It may be good to let working groups specify time zone/slot preferences based on attendees.

The meetings would NOT have started at Noon if we were face to face in Bangkok.

I'm unsure how best to tweak it

Timezone should really be based on number of registered participants in each TZ. Ask participants to register EARLY to determine TZ. 02h30 and 04h30 meetings in EST eliminated a lot of N-A (east coast) and was probably not great for west-coast. I am european and not America-centric by any-means but... what was wrong with for example: - 0700 EST = 13h CET and 19h Bangkok - 0900 EST = 15h CET and 21h Bangkok - 1100 EST = 17h CET and 23h Bangkok

1 hr breaks between sessions. Not more than 1 session for a WG - if they need more time then they should call interims. This way there are less parallel tracks and lesser conflicts.

Despite fewer WGs and BoFs meeting at 109, I still had a four-way conflict in one slot. Please also recognise that IAB and GEN Area sessions are likely to have high levels of conflict.

I personally had lots of parallel sessions on Friday - on of which would have been the IRTF open - could that have been separately scheduled - perhaps in parallel with other non-WG meetings?

Yes - some minor tweaks (please specify)

I missed the fact that hackathon, IEPG and hotRFC were in the week before. Please think about this. Perhaps reschedule or at least announce LOUDLY. The Gather is just not my thing, but that is personal.

Consider using a scheduling algorithm where chairs and writers of RFCs can indicate times best for them, then use this to create the schedule.

Maybe add social gatherings to the agenda - per area, in some cases per wg. In these corona times we need to force people to meet, to replace ad-hoc after session talks in the room, lunches, dinners etc

I had two meetings that could have used a 90 minute slot.

I had no absolute conflicts, but enough minor ones that maybe 8 parallel sessions are too many.

consider tailoring time zone to the majority of active participants.

Even with careful self-rationing, clashes were unavoidable. I think 8 parallel sessions is too many. Try 6?

Moving virtual has made the question if ietf week makes sense. As opposed to independently scheduled wg and area meetings.

Get rid of the late reg penalty. I was cringing at the idea of the timezone and I knew I would make an attendance decision last-minute. I wasn't willing to pay a premium for that, though.

Q17_3_TEXT - Yes - a major rethink (please explain)

Yes - a major rethink (please explain)

Adoption of a remote time zone for people who don't travel to the venue doesn't work.

If meeting is held in timezone of planned location (E.g., Bangkok), it will be bad for people in some geographic locations (i.e., US, Canada etc. in this case). Why not: - hold shorter sessions over 2 weeks - and split the sessions into 2 per day (e.g. Session-1: 09:00-10:30 CST; Session-2: 23:30-01:00+1d CST)

North American and Asian time zones are too extreme for participants in the other. Perhaps compromising on UTC would be best.

I understand the world cannot revolve around the US time zone, but for an East-coaster, the virtual Asian time (midnight to 6:00 AM) meant that I limited participation to the few sessions I really needed to attend. Had the meeting been in Asian, of course I would have traveled there, suffered the jet lag for a day or two, but then been on time for the rest of the week. But midnight to 6:00 am on the phone all week?? Non starter. So I think that means that I'm down to two IETF meetings per year as long as it's Virtual or Nothing.

We need to get more of the interaction of a F2F Sessions have degenerated to presentations with little interaction - even more so than they had become F2F

Yes - a major rethink (please explain)

Hosting in the local time zone for the planned physical meeting means that there is a high probability of unintentionally excluding key WG participants. Maybe ask the WG chairs for a preferred time zone to host a WG meeting in, so that they can schedule around the main active participants in the WG?

For virtual meetings, should have smaller number of sessions per day and more weeks. Have working group vote for the time zone they prefer.

WG meetings are mostly boring status meetings. They all try to do too much so there is barely time to start a meaningful discussion, let alone finish them.

The meeting time zone needs to be changed. It is the best if IETF chooses a time zone which fits more or less all three areas below: California: early in the morning, starting with 6am EU: afternoon Asia: late evening, Bangkok 9pm, Tokyo 11pm

See above. Attempting to emulate the formal part of an in-person meeting only is silly.

Time zone don't have to be fixed. Session length does not fit well with the content to be present, Ideally 5 minutes per slides shall be the best, focus on high level, do not need waste time on details that can be addressed offline.

pick a better timezone (weighted centroid of participants), or, split two timezones.

The online format is terrible for facilitating actual discussions. Topics that would have generated active discussions in a normal IETF, with many people at the microphones, ended up as one-way presentations, with no substantive discussions occurring. Even worse, some people may think that we reached consensus on topics, when in fact, it was so cumbersome to try to discuss them that most people, including regular IETF participants, seemingly didn't even bother trying. I hate to say this, but I would strongly consider cancelling IETF meetings until they can be held in person. Having the sense that consensus was achieved, whereas in fact, unidirectional presentations were made, is worse than not having had the sessions at all.

There isn't room for informal meetings that aren't "social". The ADs, IAB, LLC management, or WG chairs weren't hanging around gather.town available for ad-hoc discussions, like they might be at an in-person meeting. The timezone is a killer.

I do not think remote meetings with this kind of structure make any sense at all. My participating in 109 was minimal because of the timezone issue. Because I'm not actually traveling, I can't justify to my employer taking an entire week away from my day job to be a week-long nite owl, nor can I easily shift my sleep schedule with the sun not cooperating. The IETF should shift to an interim-only model, with times and cadences chosen to meet the needs of WG participants, when in-person meetings are not possible.

There is a lot of inconvenience and little value in trying to replicate a f2f meeting virtually. Why should meetings be scheduled in overlapping time slots? Why have them in time zones that are inconvenient to most of the active participants? If a meeting is going to be virtual, we should embrace the flexibility that this gives us and not try to be an online version of a hotel-based event.

There is no benefit to having an "IETF Week" if we can't meet in person with everyone in the same time zone. The synergies of having everyone together don't happen. I would prefer that we just have a plenary, maybe BoFs, and let working groups have meetings on their own schedules. Attending all-night meetings from your own time zone is much harder than dealing with jet lag when attending meetings on-site. Even with the attempts to allow social time and hallway conversations with things like gather.town, people simply aren't going to engage to the degree needed when it's the middle of night in their own time zone.

Yes - a major rethink (please explain)

If you still want to use the city "time zone" please try to take the chairs home time zone in mind and try to schedule meetings before 5am and after 11pm. Also the side meetings need more scrutiny and they seem to be poorly organized and managed.

I would consider longer days (4 session slots rather than 3) to reduce the number of overlaps.

Cancel the meeting. It simply does not work on-line. With the vaccine being rolled out within weeks and a real chance of immunity around Easter, let's plan a large event post-summer 2021 for maybe 2 weeks in-person.

Fewer tracks, longer breaks, and more time for side meetings and social interactions.

The time period of the meeting needs to minimize the number of people who have to be awake during the 12AM to 4AM period. This can be implemented if the time span of the meeting coincides with the 12AM to 4AM period over the central Pacific. A Brussels start time of 12PM almost meets this criteria. A start time of 2 or 3PM is a little better.

If we're trying to emulate the in-person meetings online, the current structure works reasonably well. I'm not sure that should be the goal and wonder if we shouldn't be using this opportunity to rethink the long-term way we work to reduce our dependence on in-person meetings.

Too many conflicts for WG meetings in the Routing Area.

This doesn't work. Having all of the virtual meetings in one week in fixed, back to back time slots has no virtue.

Q18 - Is there anything else you would like to say about the meeting agenda or structure?

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

No

Some guidance on when in a day (24-hour clock) to schedule interim meetings would be useful.

I had trouble with audio of Meetecho. I hope next time I won't have this problem. In IETF 108, audio was OK.

no

One thing that could be introduced is like a "round-table" on one of major topic apparently emerging in the IETF, e.g. this time "slicing", but other could be happen to be raised. Moreover, but this is related specifically to an agenda or structure, is to discuss the introduction of "interworking" demo, e.g. in case of the multitude of YANG models introduced would be a good idea to have demo of interworking .

The duration was actually ok, but it is still taxing if you are not in a right time zone. I guess we hope to live with it for another 1 to 2 times and then back to face to face.

I had the distinct feeling that we were missing a great number of good people--many from the US East Coast--while not gaining even a small percentage of the brainpower lost from above locale by adhering to Bangkok time zone and thereby be particularly inviting to people Asian time zones. AT least for online meetings, I think it's time to be less inclusive and outreach and all these do-gooder things, and instead schedule according to the need of the folks that carry the weight..

Q & A sessions are limited

After the last two meetings, I won't be attending an IETF meeting again. My participation will be limited to mailing list.

The use of timezone denotations like IST, ICT, ET, EET, EST, CET, CEST are very confusing, even though the use of the term 'UTC' is ok. The use of terms such as 'UTC+8' is confusing. I recommend the use of city names in times, such as '8am Bangkok time' or '9am Paris time'.

I support using the in person location timezone to allow rotation of meeting time for remote participants

Time zone was brutal for US east coast, but I guess it was our turn in the barrel. Better than flying...

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

Keep following the same structure, it was a big improvement over IETF 107 and works pretty well within the limitations of a remote conference.

Many thanks to the admin for all their efforts to structure and organise the parallel sessions, just like a normal face to face meeting, it worked well for me to have a focussed day of ietf events.

This was my first IETF meeting (after many years in similar WGs at W3C). Looked good to me in terms of content. Little is directly relevant to me personally/my organization, but that doesn't mean the content wasn't right.

The preview pains of the agenda, or annoying as a pop over. It would've been nicer if they folded down in the page instead of being a modal pop up over the page which prevented other interaction. For a skimmer/first-timer, I had to look at agenda notes, I learned only later in the week to look at agenda notes, to get a sense of what the working groups were about, and what specifically would be discussed, before attending the meeting. It would be nice if I could collapse of the open multiple at once and then do a text search over what I had open

Just an observation: it probably could not have been avoided this time given our scheduling mechanisms and theirs but having IETF and IGF (or other major Internet-related meetings) is bad news. It was especially bad news this time because they were in a time zone about six hours off from hours, a problem that was further aggravated by the noon-1800 (Bangkok) schedule for our meeting. I managed to get to both, and several unavoidable meetings in EST last week, but got very little sleep and missed several IETF sessions I had planned to participate in.

NA

If meetings are going to be virtual for the foreseeable future, I don't see why there only needs to be 3 meetings a year. It is very hard to engage with the WGs purely remotely and only 3 times a year.

While the timezone was uncomfortable for me, it is fair to rotate around the world. Prague will be good for me. Sometimes you win, sometimes you lose. Fact of life. I bear it, in respect of others in the same situation who will suffer when I win. The globe is what it is = round.

Online meetings may be fine where only administrative actions are occurring. But they are wholly inadequate for interactive discussions among the participants. Please wait to hold the next IETF until we can do it in person.

108 was too early and 109 was too late... Acknowledge that people don't change their clocks when they are at home: try spreading out the meetings over two weeks. Emphasize the opportunities for cross-group interaction. More people should have well-published office hours. Schedule side meetings for hot topics on the IETF mailing list.

Overall, I found there were very few conflicts.

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

It's still too early to entrench the online-only optimizations we are exploring. Explore more, but don't fall into repeating what happened once or twice just because you've already worked out how to support things that way.

This meeting agenda was particularly hard to follow given my time zone, but again there is no magical solution to the problem we are all facing. It is hard to address all needs given the current global situation.

The scheduled time was horrible. You should make TZ based on the preponderance of participants from the prior 3 IETFs or something like this.

It's a good balance.

Please continue with the policy of rotating timezones among America, Europe/Africa and Asia/Pacific.

I personally found no use of the online hackathon. In my case, what I do for my everyday work mostly overlaps with what I was supposed to do in the hackathon, including chatting with similar set of people. However, I have no idea if this can be anyhow improved, while everything is online.

It is good to have some interim meeting for better discussion of the new working item

It simply does not work. There is little point trying to engage.

In my experience, the overwhelming majority of international virtual meetings start around 1300-1400 UTC and run to 1800 UTC. Fewer need to be awake during their normal sleep cycle on this schedule.

The time zone was painful (though less so than many other participants), but I agree with the overall policy re: time zones.

Some additional 1/2 hour slots would have been OK at the end of some of the days - and may have helped. I worry that we are reducing cross-working group visibility of our work.

Please discuss times in UTC only. Needing to do the Bangkok adjustment led to more than one participant missing the slot. Yes, Bangkok time was appropriate to choose the timing for the slots, but then please switch to UTC.

1-1-1 principle makes sense, and i am well aware that next time I will get the short end of the stuck, but thats what we sign up for!

The sessions I attended were so fully loaded that there wasn't really time to discuss fully the agenda, so discussion went "to the list." In that case why have a meeting.

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

I would like to see trackback options for drafts presented in the means of presentation material/ etc.

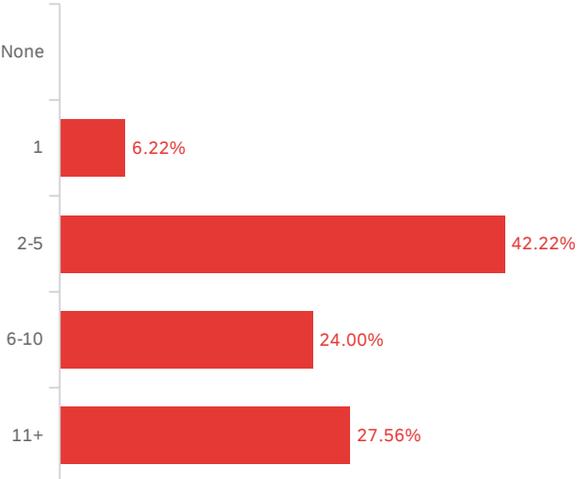
This is basically the schedule I had in mind answering the "worst possible time zone" questions a few surveys ago. It wasn't as bad as I was afraid it would be. It was still pretty bad. But I don't think there's much to be done about it if we're to maintain equity among the parts of the world.

While the time zone was painful, I do not see an alternative. We need to be fair to everyone. So sometimes it will be painful where I am.

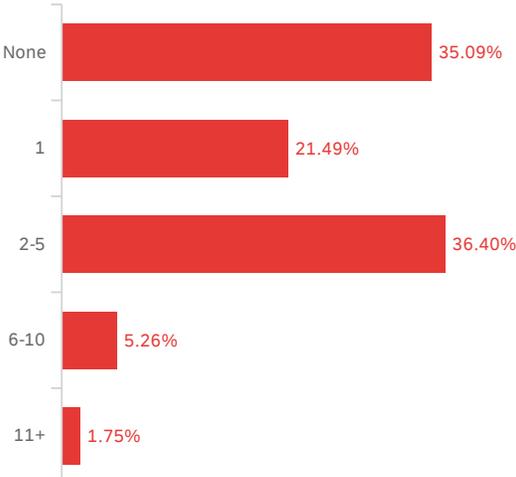
The African Zone is badly represented. More need to be done about that

Time zone was unfriendly for US east coast, but so are meetings for other participants once a year. Other than that, was happy with the structure, gathertown is a nice social touch and it was nice to bump into people joining it

Q19 - How many sessions did you participate in during the meeting?



Q20 - How many times did you have a conflict between two sessions that were scheduled in the same time slot?



#	Field	Choice Count
1	None	35.09% 80
2	1	21.49% 49
3	2-5	36.40% 83
4	6-10	5.26% 12
5	11+	1.75% 4
		228

Showing rows 1 - 6 of 6

Q21 - Please list any sessions that you wanted to participate in that were scheduled in the same time slot: (each set of conflicts on a new line)

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

grow - ipsecme bier - spring 6man - idr - irtfopen

6man and rtgwg

raw, qirg asdf, rats rtgwg, teep coinrg, lisp detnet, cbor

alto, pce

detnet, intarea

maprg, add dnsop, rtwg add, opsawg dprive, irtfopen

lsr and qirg ntp and sidrops dnsop and rtgwg netconf and spring dnsop and spring irtfopen and idr

N/A

irtfopen & dprive

Madinas/QUIC; ADD/ICCRG

2020-11-16 05:00-07:00 UTC qirg & sacm 2020-11-17 05:00-07:00 UTC cfg & rtwg 2020-11-18 05:00-07:00 UTC spring & ace 2020-11-19 07:30-08:30 UTC acme & cbor

qirg lake add cose ipsecme rats lamps rats mls rfcefdp shmoo add

CCAMP - IDR netmod - rtgwg opsawg - mpls

emailcore tls

dispatch-hrpc cfg-dnsop-6man iabopen-emailcore regext-madinas-dmarc gendispatch-saag intarea-acme mls-v6ops add-shmoo suit-dnsop irtfopen-stir-dprive

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

TCPM and RTG and 6MAN

IDR and 6MAN

Rtgarea, intarea, tsv, detention I don't remember what they conflicted with.

DNSOP - TCPM IABOPEN - TLS MADINAS - QUIC SHMOO - ADD - ICCRG DNSOP - TSVAREA DPRIVE-MASQUE

v6 vs DNS

no

teas & tswg 6man & rtwg & tcpm iabopen & dmm & nwcrg coinrg & lisp & saag

emailcore/tls suit/httpapi dispatch/sacm

SPRING, BIER V6OPS, BESS

OMNI and FIPE side meetings were overlapping.

madinas & quic irtfopen & masque

tswg and teas Monday 16:00 - 18:00

COINRG and GENDISPATCH

hrpc ippm add maprg webtrans secdispatch tswg iabopen tls dmarc madinas quic intarea acme shmoo add dnsop
suit dprive masque irtfopen

ADD and MAPRG IABOpen and TLS ADD and SHMOO DPrive and IRTFOpen

Only minor-medium conflicts, e.g. dispatch - hrpc emailcore - iabopen saag - gendispatch

irtfopen - IRTF Open Meeting & dprive - DNS PRIVate Exchange

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

sorry... no time to go back and look

n

6MAN&IDR

madinas, netconf netmod, rtgwg gendispatch, coinrg shmoo, opsawg

CBOR and ACME

I participated at multiple sessions at the same time and enabled / disabled the speaker according to the presentations I was interested in. Worked much better than expected and definitely much more convenient in a virtual setting where one does not need to run from room to room.

IABOPEN+TLS MADINAS+QUIC SAAG+GENDISPATCH+AVTCORE SHMOO+ADD

hrpc vs technical sessions mboned vs other routing sessions shmoo vs technical sessions 6man vs idr

mboned IDR

OPSAWG MPLS

cfrg, mops

MAPRG and ADD

saag vs gendispatch

MADINAS QUIC

QIRG, LAKE, SACM NTP, SECDISPATCH, TSWWG CORE, CFRG IABOPEN, TLS ASDF, IPSECME, RATS NETCONF, ACE, QUIC DRIP, NETMOD, TEEP CBOR, ACME NMRG, MLS EMU, DTN LWIG, SUIT CORE, STIR, IRTFOPEN

TLS vs IABOPEN

intarea acme

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

gnap/core madinas bof/ace

CFRG/DNSOP -- but not a major conflict because my company had multiple attendees covering different sessions

6man, idr

iccrq-shmoo

IABOPEN and NWCRG IRTFOPEN and MASQUE

coinrg and lisp

masque/irtfopen, shmoo/add/iccrq, WebTransport/tswwg, maprg/add

dispatch hrpc dprive irtfopen regext quic

cose - add cfg - tcpm tls - emailcore ipsecme - lamps teep - drip shmoo - add

add/shmoo tls/emailcore

none

IRTF Open Meeting and second 6man meeting

lamps/ipsecme/rats cfg/gnap

secdispatch+ntp iabopen/tls lamps/rats saag/gendispach

mpl-dtn spring-quic

BIER and Segment Routing

ADD MAPRG ADD ICCRG SPRING QUIC' SPRING DNSOP 6MAN CFG TCPM 6MAN DPRIVE IRTFOPEN YSVWG
SECDISPATH

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

add/cose asdf/ipsec/lamps/rats 6man/cfrg/core ace/madinas 6lo/drip/teep rats/roll/v6ops gendispach/saag acme/cbor
add/opsawg/shmoo anima/httpapi/suit 6man/core/dprive

MADINAS / QUIC HTTPAPI / TSVAREA

jsonpath, ntp, webtrans masque, dprive mops, dnsop

Inter-Domain Routing - ccamp

IABopen - TLS QUIC - MADINAS

V6OPS and RFC

maprg - idr webtrans-tswg teep - tswg

idr & 6man rtgwg & 6man

ADD - MAPRG DPRIVE - IRTF

cfrg/gnap

netconf/spring netmod/rtgwg shmoo/mpls

GenDispatch:PCE BESS:RFCedfp MPLS:OPSAWG:Shmoo 6MAN:CCAMP:IDR:IRTFopen

DISPATCH HRPC QIRG ADD MAPRG TSVWG WEBTRANS MOPS TCPM CFRG IABOPEN NWCRG MADINAS QUIC
AVTCORE GENDISPATCH COINRG RFCEFP NMRG SHMOO ICCRG

Three conflicts: One was because I contribute to Internet Area and Transport Area - which is expected.

It wasn't a big deal. Because I could follow both (more or less) via Meetecho at the same time.

GENDISPATCH, SAAG

raw-lake suit-lwig(cancelled)

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

dispatch, raw, lake cose, maprg, add jsonpath, secdispatch, tswwg core, cfg, gnap iabopen, nwcrg asdf, rats ace, madinas 6lo, drip, teep, tswg coinrg, saag cbor, detnet roll, rfcefdp add, emu, iccrg htapi, anima, suit core, irtfopen, masque

ADD SHMOO DMARC MADINAS EMAILCORE IABOPEN

dnsop<->rtgwg, spring<->quic, rtgwg<->tswwg, dnsop<->spring, dprive<->idr

RAW - IPPM PIM - TEAS BIER - SPRING DETNET - NVO3 (though it was canceled later)

GNAP/CORE

lsr, ippm ntp, teas 6man, rtgwg bier, spring rtgwg, netmod pce, alto mpls, opsawg, shmoo ccamp, 6man, idr, irtfopen

Ipsecme and lamps

detent - intarea ("new ip")

BIER/SPRING MBONED/IDR MOPS/RTGWG Detnet/Intarea BESS/V6OPS IDR/6MAN

opsawg/shmoo tsvarea/anima rfcefdp/v6ops

Masque, DPrive DnsOp, HttpApi Dispatch, HRPC IAbopen, tls Add, shmoo

Dmarc, regex, madinas Jmap, add Avtcore, gendispatch, saag Shmoo, add

dnsop cfg tls iabopen shmoo add irtfopen stir

I would have liked to attend the first rtgwg which was opposite 6man. I would have liked to attend the Madinas BoF that was opposite SPRING (which I co-chair) I would have liked to attend gendispatch that was opposite LISP (which I co-chair) I would have liked to attend v6Ops that was opposite rfcefdp. Note, while this is a slightly high number of conflicts, I assume there will be some conflicts due to the range of my participation.

Difficult to remember. Need to get the agenda in front of me.

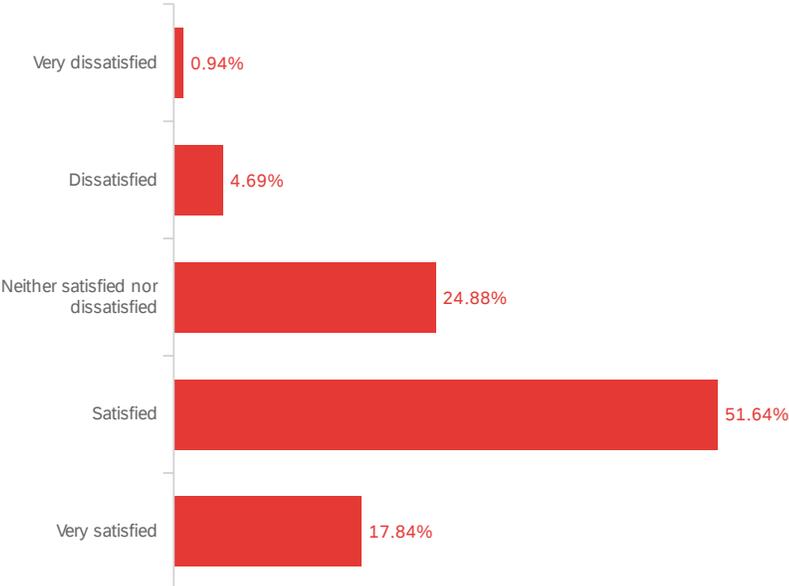
dnsop vs. 6man, iirc

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

CFRG & GNAP IPsecME & LAMPS

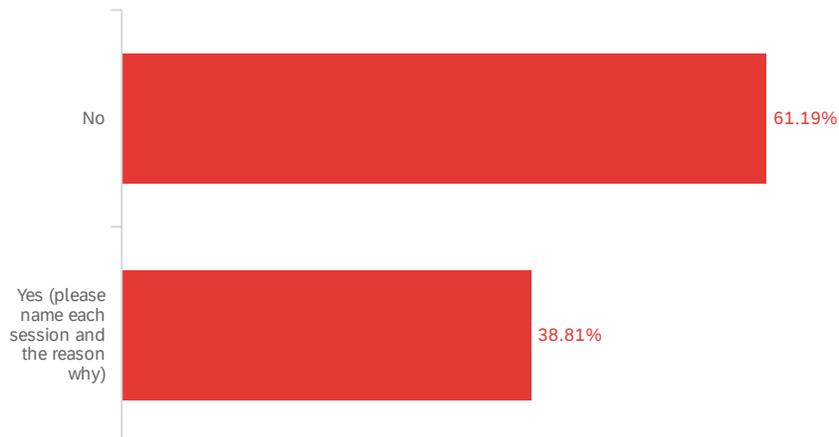
iabopen/tls shmoo/add something else i forget

Q22 - How satisfied are you with the scheduling of sessions to avoid conflicts?



#	Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
1	How satisfied are you with the scheduling of sessions to avoid conflicts?	3.81	0.81	213	5.63%	69.48%

Q23 - Did any of the sessions you participated in run out of time?



Q23_2_TEXT - Yes (please name each session and the reason why)

Yes (please name each session and the reason why)

sidrops, slightly ran over after meetecho went down

TSVWG - L4S and related topics can consume all the time made available.

I recall some sessions were telling presenters there were 2 min remaining before the session got cut off. I do not recall which they were.

6man - drafts towards the end ran out of time

routing session (LSR, IDR, TEAS) TEAS ran into problems because the the VM issues with meetecho. I missed the whole session. (frown).

Don't recall.

MPLS

few sessions ran over by 5mins or so, do not remember which

COINRG: Delays in the agenda

IPPM

Yes (please name each session and the reason why)

Partially due to meetecho reset

Could not finish technical discussions, presentations. Generally several people were too sleepy to debate.

I don't recall. However, I do recall that some chairs religiously stuck to their schedules, while others allowed discussions to go well into the breaks. Personally, I'm in favor of *ending* each meeting on time.

netconf netmod long agenda

sorry, lost my notes

emailcore - more material than would fit

6GIP side meeting. The reason was the start was delayed due to manipulation to get used to meeting software (webex). The reason is also that it was too short a slot - 1hour even though the preceding discussion on the mailing seemed to expose high interest.

Too many to remember. Chairs seem to be less strict in timeboxing virtual presentations.

AVTcore did not cover all agenda topics

Mboned

most of them did, mostly due to bad chairing

v6ops; we should have had a second session for our material.

TSVWG, INTAREA: seems like they should have scheduled a longer slot or more sessions

intarea didn't get to the most interesting draft, the last one.

INTArea - poor agenda management with too many items listed, some of which should have been diverted to other working groups and not been included at all.

don't recall the exact sessions nor the reasons

due to some meetecho bugs

The meeting I attended was a kick off meeting of a new WG (HTTP APIs). It took half the available time to go through the perfectly necessary intro material, leaving just 30 mins for actual content. Effectively, I paid \$125 to attend a 1 hour meeting - we could have made use of twice that time, or maybe half a day.

Yes (please name each session and the reason why)

ICCRG - a lot of debate on existing topics. The last, although optional item could not be presented.

They all finished within a few minutes of the hour

If I recall, emailcore, dispatch, and RFC Editor Future Program, especially the latter, ran over a bit and could have used more time.

teas - too much content in a short meeting, every presenter is in a rush rtgwg session I - same as above spring session I - same as above mpls - same as above

httpapi ran over, at least in part due to time spent on administrative discussion at start. netconf and netmod ran out of time for items later in the agenda, at least in part due to struggling with meetecho

GNAP did not budget sufficient time for meaningful discussions of issues. There was only time for unidirectional presentations.

Segments ran over.

TSVWG

TEEP call was incomplete missing 20% of discussions at least.

bier: long discussion

DTN - packed agenda.

INTAREA - more discussion than expected, some technical issues

intarea - questions add - business as usual

COINRG

But it didn't matter. thankfully meetecho folks let the meetings run over until the meeting is done.

DNSOP, due to bad chair time management

tsvlg, because there was a miscommunication about how long the slot was.

masque, (iabopen but there was an interrupt...)

Plenary - technical issues IPv6 op - the fist talk (incl discussion) took i guess 80+ minutes instead of expected 25

Yes (please name each session and the reason why)

Spring, IPPM, TSVWG. The first two: too much input, the latter due to conflicts.

Plenary

6Glp side meeting was a mess. Badly chaired and useless.

BIER: WG-Discussions took longer than expected

MASQUE

IPPM (no time for lightning talks) MASQUE (no time for proposed new work)

Side session 6IP

BESS ran "on the nose" due to a bit of a debate/argument

httpapi, a little bit

Yes, but nothing major

TSVWG (MeetEcho problems, plus trying to fit too much in)

TSVWG ran out of scheduled time due to a technical faults in meetecho.

A lot of them, just a bunch of minutes

Not a big deal, just a few minutes.

I didn't record that. Many meetings ran over by 5-10 min, so one didn't often have true 30-min breaks. One 60-minute session chose to continue into the entire 30-min break, which made it hard to prepare for the next one.

I don't remember but they didn't run much over...

DetNet SPRING MPLS

Can't remember. Mostly 1-hour slots or poor chair management of the time available.

chairs not managing agenda well

coinrg, intarea, fiipe side meeting, not enough time to fully discuss agenda.

Yes (please name each session and the reason why)

A few sessions ran out of time

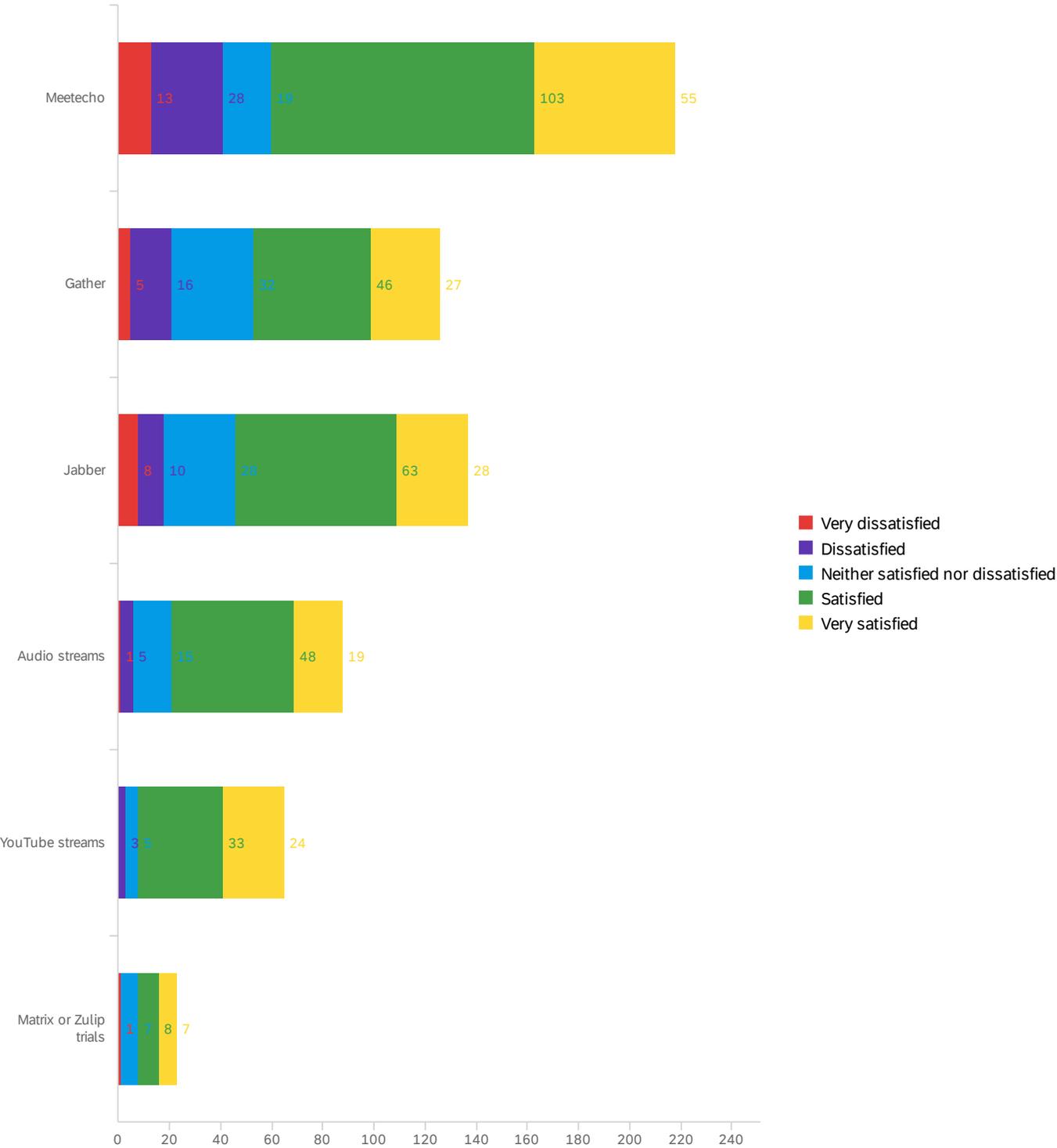
BIER/SPRING, but it's OK because there are 30 minutes break.

Several sessions ran over, But only by a few minutes. I believe 6man first session and MPLS were two examples.

I believe dnsop (second session) went over.

NMRG, chairs didn't do good time management

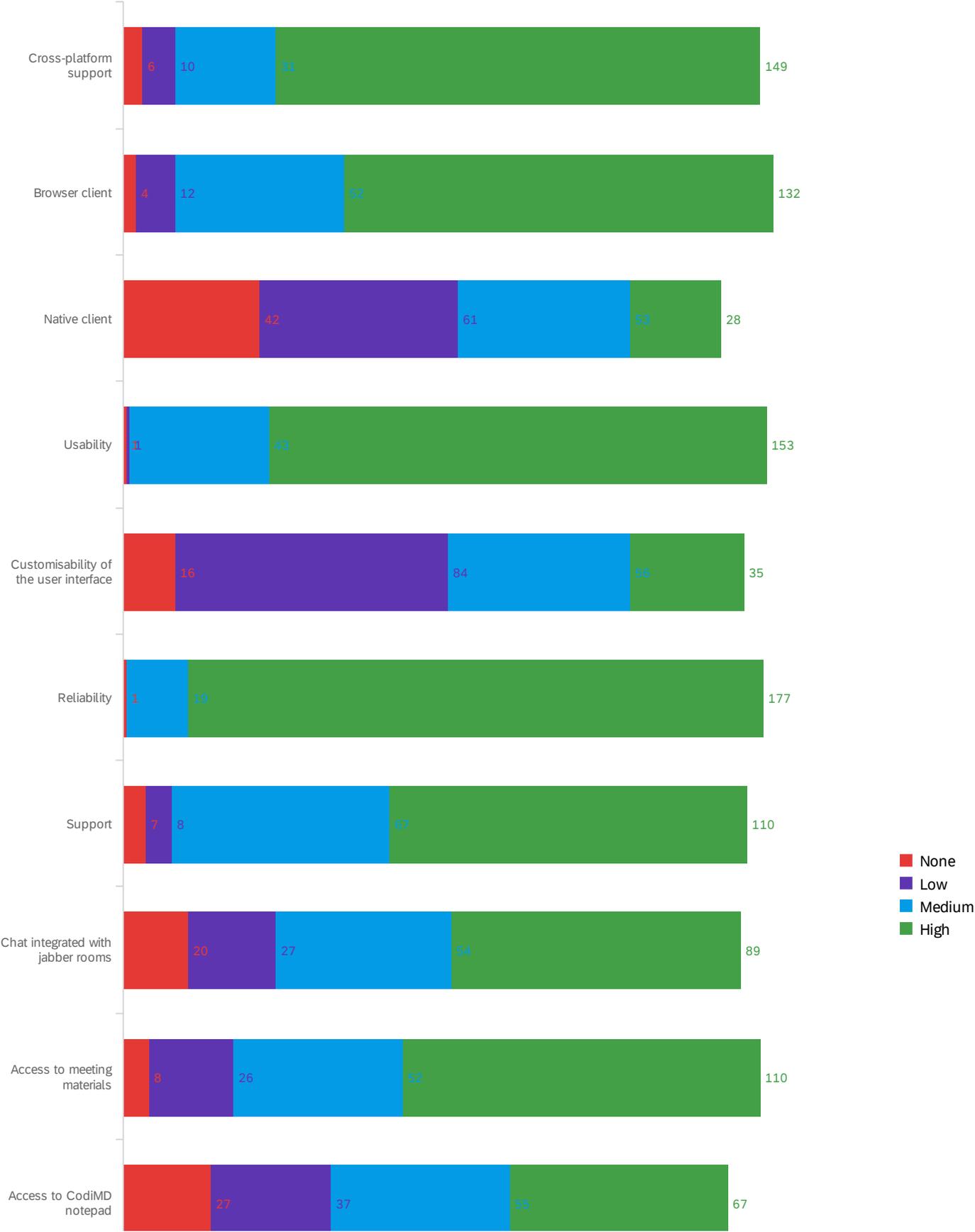
Q24 - How satisfied were you with each of the following participation mechanisms? (Skipping a line is the same as answering N/A)

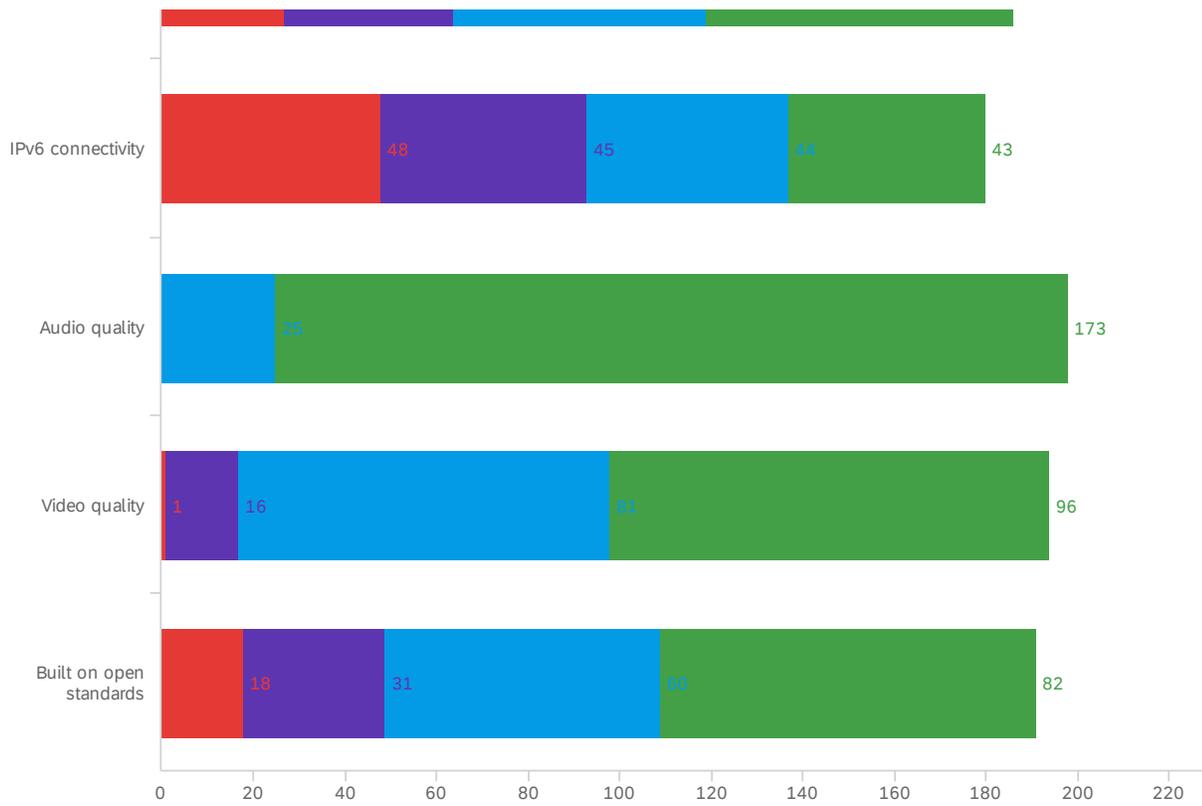


#	Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
1	Meetecho	3.73	1.15	218	18.81%	72.48%

#	Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
2	Gather	3.59	1.08	126	16.67%	57.94%
3	Jabber	3.68	1.06	137	13.14%	66.42%
4	Audio streams	3.90	0.84	88	6.82%	76.14%
5	YouTube streams	4.20	0.77	65	4.62%	87.69%
6	Matrix or Zulip trials	3.87	0.99	23	4.35%	65.22%

Q34#1 - Please rate the following features and characteristics of Remote Participation Services in genera... - General importance

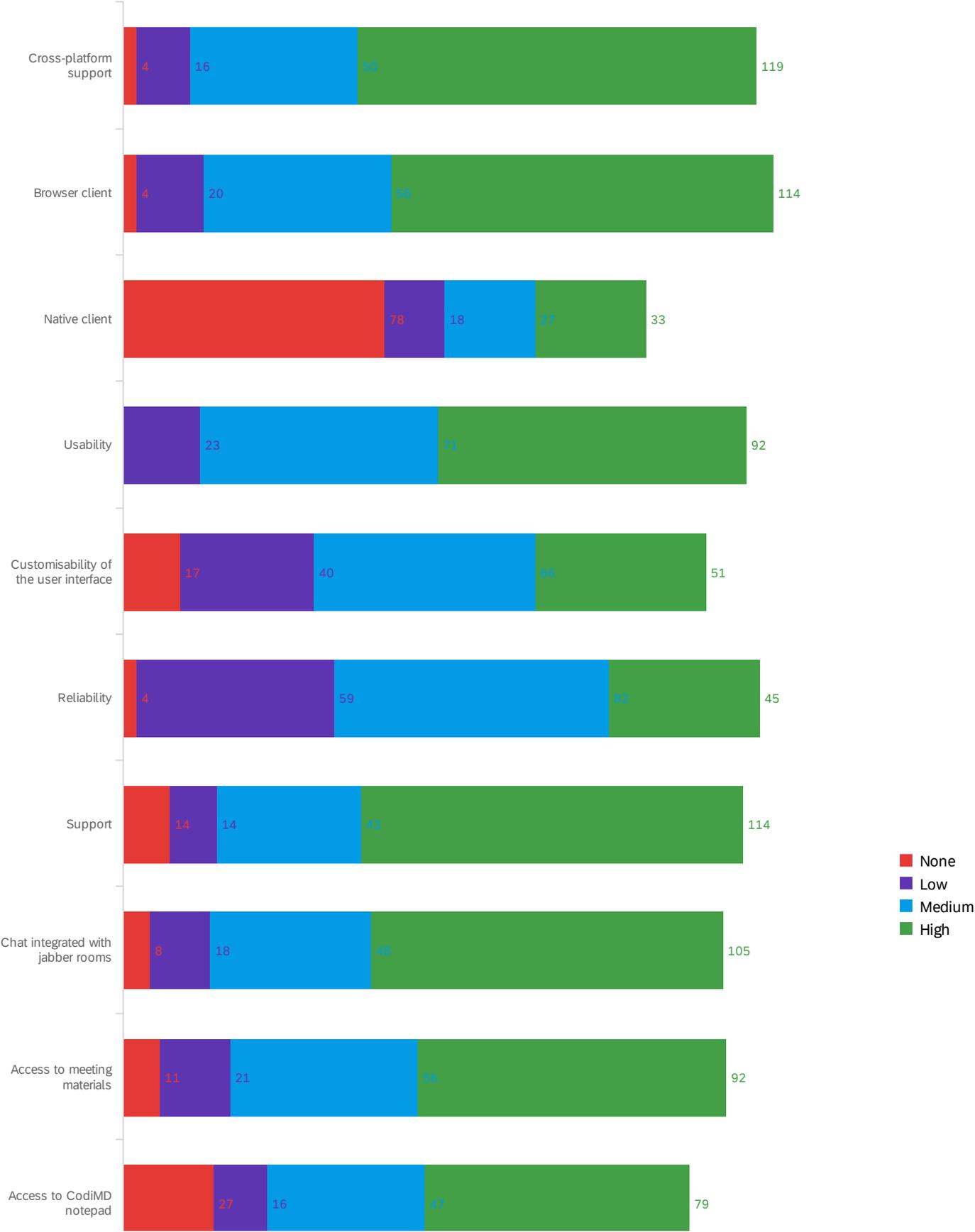


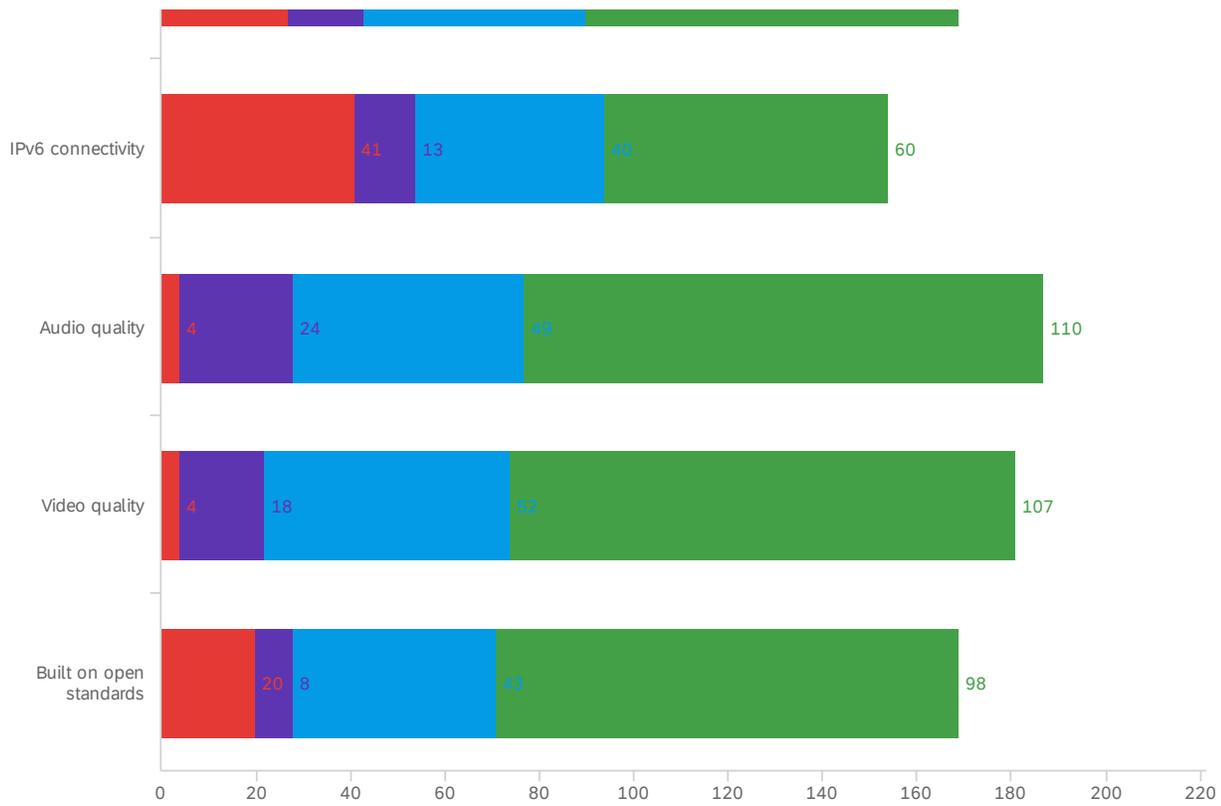


#	Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
1	Cross-platform support	3.65	0.72	196	8.16%	91.84%
2	Browser client	3.56	0.70	200	8.00%	92.00%
3	Native client	2.36	1.00	184	55.98%	44.02%
4	Usability	3.76	0.47	198	1.01%	98.99%
5	Customisability of the user interface	2.58	0.88	191	52.36%	47.64%
6	Reliability	3.89	0.36	197	0.51%	99.49%
7	Support	3.46	0.74	192	7.81%	92.19%
8	Chat integrated with jabber rooms	3.12	1.01	190	24.74%	75.26%
9	Access to meeting materials	3.35	0.86	196	17.35%	82.65%
10	Access to CodiMD notepad	2.87	1.06	186	34.41%	65.59%
11	IPv6 connectivity	2.46	1.12	180	51.67%	48.33%
12	Audio quality	3.87	0.33	198	0.00%	100.00%
13	Video quality	3.40	0.66	194	8.76%	91.24%

#	Field	Mean	Std Deviation	Count	Bottom 2 Box	Top 2 Box
14	Built on open standards	3.08	0.98	191	25.65%	74.35%

Q34#2 - Please rate the following features and characteristics of Remote Participation Services in genera... - Satisfaction with Meetecho

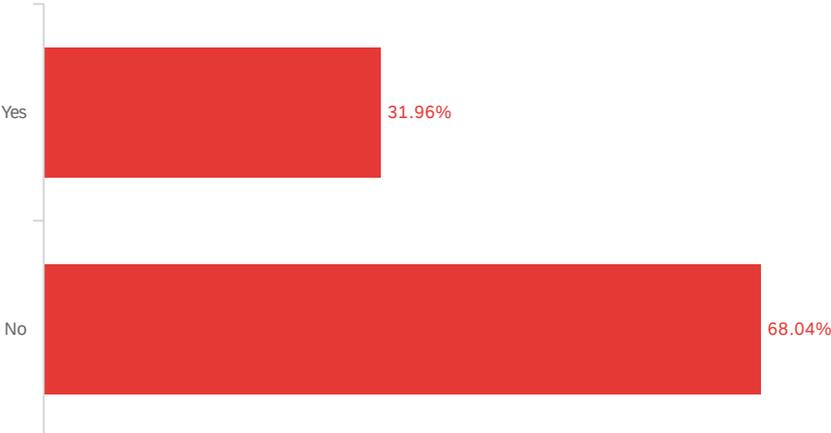




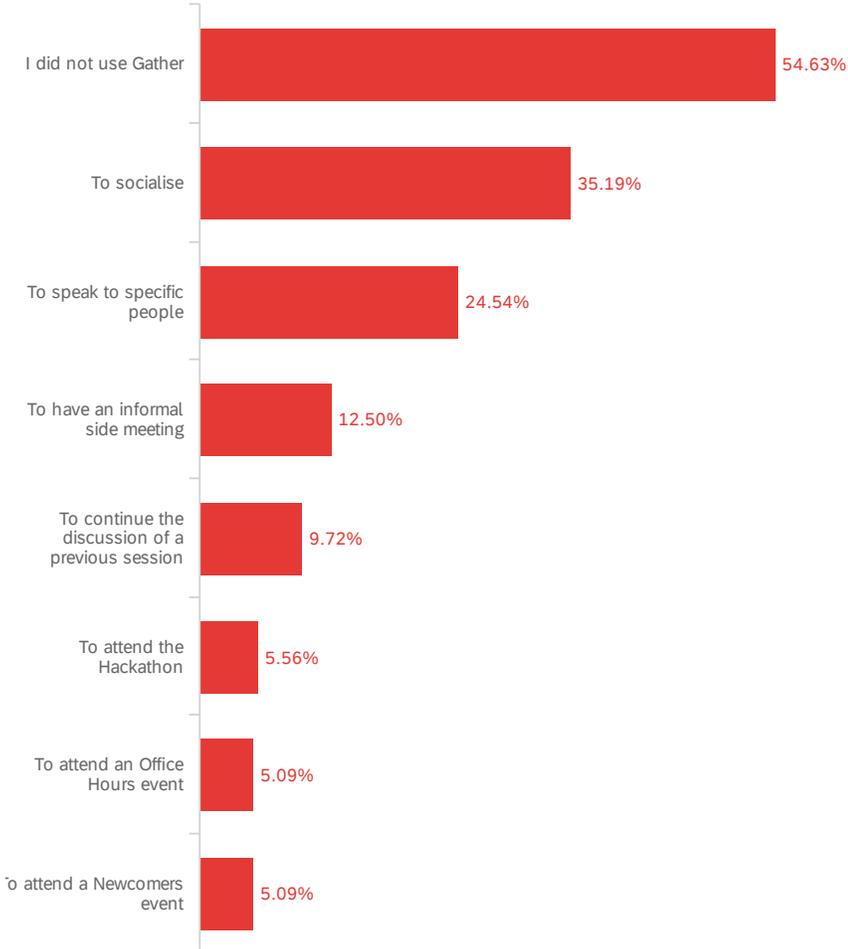
#	Field	Mean	Std Deviation	Count	Bottom 3 Box	Top 3 Box
1	Cross-platform support	3.50	0.74	189	37.04%	97.88%
2	Browser client	3.44	0.76	194	41.24%	97.94%
3	Native client	2.10	1.23	156	78.85%	50.00%
4	Usability	3.37	0.69	186	50.54%	100.00%
5	Customisability of the user interface	2.87	0.95	174	70.69%	90.23%
6	Reliability	2.88	0.79	190	76.32%	97.89%
7	Support	3.39	0.92	185	38.38%	92.43%
8	Chat integrated with jabber rooms	3.40	0.84	179	41.34%	95.53%
9	Access to meeting materials	3.27	0.89	180	48.89%	93.89%
10	Access to CodiMD notepad	3.05	1.09	169	53.25%	84.02%
11	IPv6 connectivity	2.77	1.22	154	61.04%	73.38%
12	Audio quality	3.42	0.79	187	41.18%	97.86%
13	Video quality	3.45	0.76	181	40.88%	97.79%

#	Field	Mean	Std Deviation	Count	Bottom 3 Box	Top 3 Box
14	Built on open standards	3.30	1.01	169	42.01%	88.17%

Q26 - Did you experience an authentication problem when connecting to Meetecho or Gather?



Q27 - What did you use Gather for? (check all that apply)



Q28 - Did you report a problem with any of the participation mechanisms or your registrations details to anyone?



Q29 - How can we improve the meeting participation mechanisms?

How can we improve the meeting participation mechanisms?

Gather Map should larger

Maybe set up some backup solutions

Chair Meetecho mic line controls could be improved - chair ought to be able to select someone to speak, with that click lowering the raised hand, unmuting that person's mic and giving that person a visual indication that it's their turn to speak.

- screen presenter's name UNDER screen, not overlaying (occasionally obscuring slide text) - might be helpful if presenters could 'queue' screen shares (ie chairs could see/test in advance; reduce fumbling of screen shares for every change in presenters) - option to select audio/video bandwidth for screen shares and participants.

Meetecho has always been reliable in the past, but not this time. I'd like to see them used again, when the reliability issues are determined and dealt with.

my audio was bad most of the time Bangkok time was inconvenient for me

browser tips /problems ahead of time no VM problems so I lose a session.

Stop ME freezing and crashing Make sure the jabber index is properly synchronised

I do not know.

I generally satisfied with Meetecho, despite having some problems during IETF 109 (interruption of sessions, some problems with identifying who is speaking if he/she doesn't send video etc.) That said, when I once tried to use Meetecho from mobile device (Android) it was like a disaster - screen layout didn't allow to access both slides and chat, I cannot slide to scroll etc. It seems that mobile devices didn't tested at all. Probably a separate mobile app is needed.

The conf tool must enable simultaneous view of chat and who is speaking/in line. The voting tool must to be unambiguous. I interpreted "not raising hand" as abstain, others as a negative vote.

Really don't know. There are too many variables. I think emphasis on interim meetings should be more and better integrated. Encourage side meetings with recordings and follow ups integrated to IETF. Right now these guys point to other GitHub links.

How can we improve the meeting participation mechanisms?

Stress test the infrastructure, including servers

Use Zoom. I'm not kidding. It's completely understandable that using a tool maintained by a Tony company + volunteers, adhering to a standard suite that, while IETF-designed, is far less from perfect, on an infrastructure that is not optimized for video conferencing, etc. etc., cannot yield results as one has come to expect from zoom, Webex, or the like. Yet, instead of acknowledging the situation, the IETF rather forces people to eat our own bad-tasting dog food then go mainstream. The same goes with the insistence on jabber, when there is stuff like slack around. Meetecho successfully tries to integrate as much workflow optimization to IETF meetings as they can, much more than zoom and friends would. However, the loss of productivity observed at this meeting due to meet echo problems does not outweigh that added productivity.

interaction

Use better software. An app-based approach is essential, if meetecho can't provide it, they should be disqualified.

There needs to be a working mobile client (that can work on background with screen off). With odd time zones, it is sometimes necessary to participate while driving or doing something else. E.g. WebEx and Teams can both do this. However client running on web page cannot on most mobile phones. Fix the native client! It might just be a wrapper around the HTML stuff, but it needs to exist.

- make gather.town support IPv6 incomers to see the IPv4 incomers (camera). - add a closer form of relationship to reality to meetecho. Sound and image are one thing, but there should be more, like sensors, like conveyor belt, like multiple views, like temperature data, like daytime/weather data at participant.

continue to use meetecho

MeetEcho experience was flawless in IETF108. Seems like a bunch of new features were added since, making it a bit less intuitive. Also, seemed flaky. Things that worked early in the meeting ceased to work later- specifically, I was trying to drive slides, and it worked initially, but wouldn't let me after the first 2 preso's. But the other participants were able to drive themselves, so maybe it was my fault. Biggest issue was that I was using a new laptop, so the firefox permissions needed tweeking when sharing, which threw me off a bit.

something like Gather is a nice idea. I went on once, couldn't see how to start & gave up.

I spent some time with Greg Wood going over MeetEcho issues prior to the meeting. It finally works - mostly - when I tried Chrome.

Test them at scale ahead of time. Implement a high availability architecture with graceful fallback. Disaggregate the services so that a failure of one component does not crash the entire meeting.

How can we improve the meeting participation mechanisms?

Include a green-screen option.

Authentication feels a bit inconsistent at times (I make a habit of authenticating towards my SSO service before the application using it gets me there, and was still presented with a password prompt; that sort of things does raise red flags). Integration between MeetEcho and gather.town could be smoother (eg. by having interactable elements in the presentation room that, on pressing x, set you to "red" and open meetecho in another tab).

Greater reliability of Meetecho was the only issue, and I believe that at least one of the two outages that I experienced was due to the cloud provider rather than Meetecho directly. I noted that some people experienced issues with the user interface but many of these issues seemed to be a combination of users not familiarising themselves with the software and the wide range of hardware/software combinations, some of which are quite obscure. My Windows 10 / Microsoft Edge combinations work well with Meetecho throughout, other than with the two general outages.

i tried to use Gather, half way through the week when it was announced at the end of one of the WG meetings that conversation would continue in Gather. But it wasn't intuitive to use as I had not been on any orientation for Gather, so i then backed out of using it.

The problem I had was simply that the wrong link was given in the meeting agenda. The correct links was given from the event program.

Having a place for them. In Jabber, and an advertised event-discuss list. Also discourse style forum would be helpful. Contribute, email, notification-groupong from one interface, with separate watering hole characteristics but e-mail tie in

(1) Make it more obvious how to report problems, perhaps with a note on the agenda pages. (2) Routing real-time problem reports to a discussion list seems wrong (and proved inefficient). Much better to use the ticketing system as in years past. (3) Gather may be easy and efficient to use once one understands it and is used to it, but, if not, it is impenetrable and the documentation is not very good. (4) If only because the work of the IETF is likely to be improved the more participants understand how the Internet works in practice, when technical / infrastructure problems are discovered, what happened should be explained as quickly as possible to the participant community and explained in precise and technical terms. I also look forward to the report on infrastructure and connectivity issues that was promised during the plenary. As with this survey, there are large advantages to having it posted while memories are still fresh.

n

Use it more

It appeared that many of the problems with Meetecho were due to the underlying infrastructure (Azure?). The reliability of that infrastructure unfortunately reflected poorly on Meetecho.

How can we improve the meeting participation mechanisms?

Meetecho should be reliable. When the stream inexplicably drops to 0kbps twice in the same session, don't tell me "oh it must be a temporary network problem" - the service is unreliable.

I found it very easy to participate. SSO through the datatracker worked great for me. I understand there were some issues for some people toward the end of the meeting, but these did not impact me.

Meetecho web client is a bit "clunky" to work with. E.g., I had to authorize it to use my mike several times in the same session. Also there is a lot of "empty space" that can probably be used better, but other things are good. Sound and picture were quite good, except during failures (which happened). There is a bit of work to do with stability, but I think it's more on the deployment side (virtual servers) than actual software problems. So, over all: good but not (yet) perfect.

Consider using commercially supported tools like Zoom, WebEx, GotoMeeting, or Teams. Their audio/video quality is higher and they are more reliable.

I do not know. At 108 I did not have any MeetEcho issues, This time was really bad. I had maybe 2 days where I constantly had issues, needed to re-authenticate - Etc. Maybe also make it more clear if the Mic and Video is on Mute!

find something less clunky than gather.town

Stop using Meetecho. Switch to a real videoconferencing service that has high reliability.

Focus on usability and reliability. As a WG chair, I found Meetecho less reliable than at 108, and with some bizarre changes (such as disconnecting the audio device when muting, which is just asking for trouble).

One problem with meetecho is that I'd like to turn off the integrated chat and use my own jabber client.

I had intermittent problems with Safari. I had to switch to Chrome from time to time.

Getting real time help is non-existent. If it's available it's also not advertised in a place I could find.

The MeetEcho user interface is pretty clunky, especially if you are using a smaller screen device (in my case a 12 inch MacBook). It also maxed out the CPU when running in Chrome. I'd be surprised if there aren't off-the-shelf products designed for the educational or "webinar" markets that wouldn't work just as well for us.

Make signing into Meetecho not require a confusing second dialog

How can we improve the meeting participation mechanisms?

Get rid of XMPP/Jabber and Meetecho

try to streamline the user experience from a participant (or WG/RG chair) point of view (single place for all infos, links, tools; single sign-on across tools/platforms). think about typical user journeys

Enable adding a photo through the IETF profile page rather than Gravatar.

I find Gather interesting but still not very useful. I tried to use it, and I ended up: - bumping involuntarily into other people's semi-private conversation, with weird results and embarrassment - while moving, having to run away from people in the virtual room to avoid starting up a conversation while not knowing if they would like one In general, Gather MUST ask you before turning on your video stream when it thinks that you are near to someone else, and before adding a new participant into a conversation that it is already happening. Not doing so is socially awkward and possibly a breach of privacy. If you want to facilitate contacts, just provide a flag that people can turn on or off to tell if they would welcome other people to start up / join a conversation.

Meetecho is a wonderful tool and is very perfect, at least frontend-wise. I really enjoyed using it and it covered all the meeting needs before I realized there are some. However, it kind of failed being stable enough. Let me add some speculation, as I'm not a professional administrator. I suspect most of the issues with Meetecho were not software-related, but rather infrastructure. It should be considered moving it to different infrastructure next time. For me it seems weird that such critical and latency-sensitive system runs on some virtual machines. Wouldn't it perhaps be better operating it on "bare metal"?

Continue to stabilise Meetecho. I look at vendor independance as a benefit and I like (and apply some) "IETF tools". I don't know, whether Meetecho is subject to any of the pre-IETF coding events (I don't write code). If not, might that be an option to improve (small things)?

suggest to provide more auto test tools

Audio degraded to unusable (crackling static) for substantial periods during several meetings. This is *the* most critical thing, so if meetecho or open source options in general can't get solid multi-party audio connections, another solution is needed.

LOL, a better timezone. I wasn't going to hang around and chat when the meeting was from 0000-0600 my local time.

Scrap home grown. This is business and we should be going with a large company able to support. There should be ONE platform used and everyone should be 100% sure how to use it. We are leading technologists and to see people unable to mute participants, not knowing how to share screens etc across multiple platforms gives an amateur feel to what should be a professional outfit. The constant "can you hear/see me" and issues with echo even at the Plenary are embarrassing. Let's smarten this up.

How can we improve the meeting participation mechanisms?

I like MeetEcho. Just need to improve its reliability.

Either have far more testing and hardening of tools beforehand, provide alternate fallback mechanisms as opposed to Meetecho, or use a tool that is more stable and widely usable. It would also be great to be able to have support for mobile devices (tablets, etc).

Mobile app for meetecho

Need more reliable tools please. In my recollection, the meetecho reliability has gone down over the previous IETF.

Reliability, communication.

Gather refused me to connect because I use the wrong browser. That is not acceptable to me.

I think we need to have a deep discussion about the way we are using videoconferencing. There are good reasons why we're avoiding video, but I think the damage this is doing to the interactive nature of the discussions is an overwhelming reason to overturn this policy. In general, the Meetecho meetings today are *much* less effective than face-to-face.

During IETF 108, most of the issues were with meetecho as tooling. The workflow for this session was much better. During IETF 109, most of our issues were infrastructure failures and thus it was reliability problems.

Have a page on the meeting site that shows the status of all services and the known problems that are open. Keep this very up-to-date so that people can quickly understand how little they need to panic.

Gather should be much more visible - we need to strongly push people to join in the breaks, if it's to get a critical mass of people present to be useful

Failures during meetings are a pain. Some chairs "hovered" over the slides they were presenting causing the presenter banner to be across the slides for an extended period of time, which was a little unhelpful.

Current mechanisms are good, but it takes time to learn IETF culture.

Make it clear whether joining video on meetecho actually joins audio too. I'd expect just to join and then be able to toggle audio and video independently.

Reduce the cases of "need to reload to fix" Conduct mid-interim test sessions so meetecho actually has time to implement fixes for deficiencies noted Reduce brittleness (e.g., jabber integration)

How can we improve the meeting participation mechanisms?

Some reliability problems need to be addressed. Some Meetecho UI features still need improvement.

Meet in person. When it's safe.

Login from multiple devices

It would be useful to include a link to support on the registration pages and the datatracker password reset/registration pages. Currently there is no information on how to get support if password reset fails.

Better reliability, obviously.

Get rid of the web cookies

Something I noticed with Meetecho (but didn't file a bug) is the more people whose video was being shared, the more my Meetecho connection was bounced. When this happened to me, I could also see on jabber that many other people were being bounced, too. I use a very low-end laptop that struggles with rendering lots of video streams. It would be nice if there were some way for people with low-end devices to disable reception of video to stop the bouncing.

Ensure meetecho is used regularly for all ietf interims, iesg etc. To ensure it becomes robust and reliable. Or drop it. Add support for presenting directly from meeting materials instead of screen sharing from client.

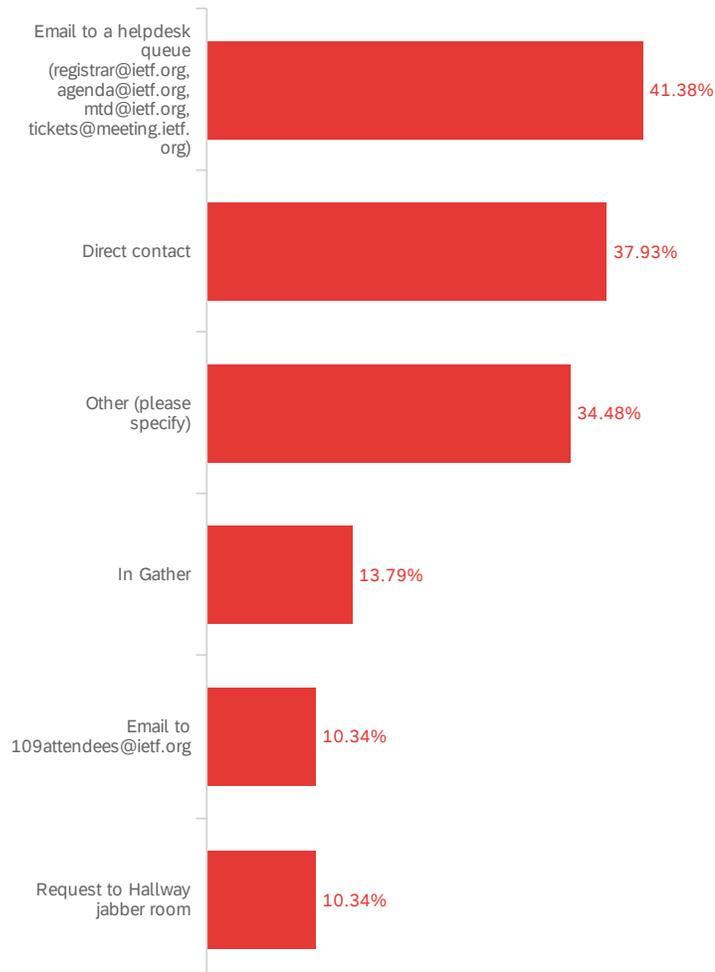
NOC to be available to solve serious abuse problems for those who have them in their experience with IETF or otherwise

Gather seems like a silly idea. I tried using it at IETF 108 and my main experience of it was that it screwed up my privacy at one point (mic on when it shouldn't have been). I think it's a great goal to use open standards, but it's also important that the software work well and have high quality. I've had much better experiences with Zoom than with gather. Running everything in the browser is problematic because the UI is really clunky and slow, and in some cases (e.g. editing input text in jabber) just doesn't work.

Stop using meetecho.

Avoid the meetecho outages

Q30 - Which of the following mechanisms did you use to report a problem? (check all that apply)



Q30_6_TEXT - Other (please specify)

Other (please specify)

mentioned in WG Meetecho chat

I was told to report problems to tools-discuss@ietf.org so that is what I did.

I was contacted via XMPP by MeetEcho personnel to solve a problem I was having with audio during a presentation.

In-meeting Jabber.

Saying "Meetecho" in a session worked well (if you were connected to a session!)

meeting jabber to meetecho

Other (please specify)

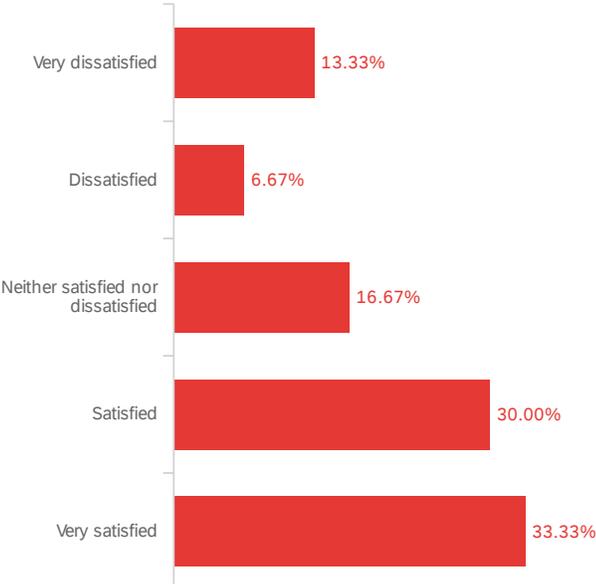
I like chat to instantly report problems. Details then by email.

slack

I spoke in meetecho about a problem with the meetecho chat. A meetcho tech responded immediately and then fixed the problem.

@meetecho in the meetecho session chat.

Q31 - How satisfied were you with the response you received to your problem report(s)?



#	Field	Mean	Std Deviation	Count	Bottom 3 Box	Top 3 Box
1	How satisfied were you with the response you received to your problem report(s)?	3.63	1.35	30	36.67%	80.00%

Q32 - How can we improve our problem reporting process and our response?

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

Ensure that problems don't occur, by using a well established platform suitable for our purpose.

See above.

it's difficult to file tickets. The presence of a meetecho person during the meeting is very appropriate to read and see the problems. There should be such a person in gather.town as well.

Make it much more clear what is supposed to be reported where. The very length of the list in Q30 represents a problem. If necessary (I hope it isn't), create one contact/reporting point and assign someone the task of monitoring and dispatching. See above suggestion about the agenda page rather than sending someone who is in the middle of a problem on a hunt through multiple web pages that point to others and sometime to ambiguous answers.

see above

Meetecho is still in learning curve, I think. Keep listening to the demand, try to reach most participants by a stable application and stabilize minimum required functionality first. Yes, and don't drop Meetecho for the sake of proprietary tools. If you can help individuals instantly, please do so (I didn't need that).

Online chat to support.

Q33 - Is there anything else you would like to say?

Is there anything else you would like to say?

Thanks for IETF

THANK YOU! Fantastic support for these virtual sessions. One glitch with MeetEcho is that when I would go to share slides (that I'd queued up for presenters in my WG) I couldn't find a way to share just the app. So I had to share my entire screen. It was simply not an option with my combo of browser (Chrome) and OS (Windows).

No

Poll mechanism was useful - much better than hum mechanism was , although chairs have to exercise judgement/diligence to avoid taking votes via the poll mechanism.

other than stability issues with the new cloud provider for meetecho, I thought 109 was better than 108 and 107.

I appreciate the ability to participate remotely, even if we don't have a global health emergency. Having multiple means of participation is valuable and I hope you continue that (jabber, audio, streaming service, slides available ahead of time, etc.) You asked no questions about chairs running their meetings - I did not look at the chair guide, but expect that it did not include "mandate numbers on all slide decks", etc., as that's always been recommended for in-person meetings. Still, there might be some recommendations for wg chairs for running all-virtual meetings.

Thank you IETF for organizing and letting me to participate.

Let us all pray for a return to physical meetings... Thx

Да

This survey is way to dense I ran out of time with one of the huge matrixes

A few speakers had very choppy audio qualify. There were two times when I personally needed to refresh the session in order to be able to hear what was being said.

Overall it was good event in give circumstances.

I think we used Meetecho to establish IETF's own tool. But it is far from good customizations. Oh! While we are doing presentations, I wish it was possible to go back and replay something. Then catch up live again. :-) I know it's hard but a cool feature.

Is there anything else you would like to say?

Overall, online is a challenge that should be responded with extra efforts

I will simply reiterate that absent major changes, my participation in IETF meetings is at an end. Of course this includes financial support.

thank you for the organization, we depend on this so much.

It's very hard to get started as a new participant that has only been to online IETF meetings, I go to the one WG meeting I'm interested in and then leave. This is definitely made much easier to do when it's online which is a good thing, but it's really not clear how to get more involved or what that even means as I have no experience with what people do apart from sit in the WG meetings.

From my perspective, this was my least productive IETF (from 30+). This is mostly because Covid has meant activity has slowed and there is little new work. Many meetings were unsatisfactorily chaired - research groups in particular seem to have got into a mini-IETF mode of grinding through documents - why? - surely it would be better to invite talks from researchers and do document updates in a few 4-minute lightning talks or just let the Chairs cover. A notable exception was ICCRG, which was an excellent meeting & maprg was ok. The BoF was also unsatisfactory - not helped by the first speaker being absent - the initial material was OK, but follow-ups couldn't be answered properly.

Let's try really hard to hold San Francisco in person, even if half the people have to stay remote.

Thanks for hosting this, and please have the interactive cookies again next time!

Thank you for another high-quality event!

Thanks, it was a good set of meetings, would it be possible to get the T-shirt before the meetings ?

The longer we remain on online only, the less productive the IETF work gets.

Nothing I don't intend to say directly to people or on-list.

Return to face-to-face as soon as it is allowed.

Online IETF meetings are better than no IETF meeting, but are much less useful than meeting in person. I recommend switching back to meeting in person again as soon as possible, even if in person participation is not possible for everyone.

Is there anything else you would like to say?

You do a fantastic job! You have my warmest support! <3

I've actively participated in every IETF since IETF 80. Having tried two virtual IETFs and experienced similar substantial problems trying to have substantive multi-party discussions during both, I strongly recommend that we hold no more virtual IETFs. Having them is worse than not having them in many respects. Wait until the pandemic has ended and then schedule an in-person IETF. I look forward to working with my colleagues the next time in person!

Can't wait for 110 :-)

Thank you all for another productive meeting. In particular to the NOC and MeetEcho folks for the great job of making and/or maintaining the infrastructure that allows us to have a reasonable level of interaction even in these condition.

Meetecho is a valiant effort but we really need to reconsider whether we want to tie our meetings to a boutique product.

I think the transparency around the technical issues related to the meeting platforms is really great.

Thanks and see you next time!

Thank you for a great week! meetecho worked great, aside from the cloud based drops.

Thank you for all of the effort that was dedicated to IETF-109 and the support of the working groups. This was a vast improvement over IETF-108, I am very happy to see that much of the feedback from the previous session seemed to shape this virtual meeting.

I was not able to connect to Gather when I wanted. There were several issues with Meetecho, though the effect of that on me was small.

Thank you for making IETF meetings possible and with continuous improvement !

Ran much smoother than last time, great Kudos. Meetecho lags a bit behind other, closed source online meeting software, but that's - i think - depending on the requirement to use open standards.

Is there anything else you would like to say?

Regardless what meeting tools we use, there are going to be several people with problems unless the tool happens to be something they use daily in their normal workflow. When you use tool once every 3 months there is always going to be issues like someone having problems with permissions on his new laptop, because he has not yet went through the all needed steps to give permissions to this application or web page, or with his microphone using this specific browser etc. Because of this it is very important to provide lots of methods of doing testing beforehand, so people can try different things before the actual meeting. Also some people are not very keen on doing testing with one training session having 100 participants, so having simple way of doing one of two person testing would be needed, and this should include an option to test how to act as chair. Also it would be really useful to allow chairs to join the meeting twice once to share the slides and screen and second time to moderate the queue and follow chat. On some cases where chair decided to share whole screen they could not see any of the meetecho interface when sharing so they could not do anything (solution is of course to share only one separate window with slides, but not everybody did that).

Meetecho is very valuable to the IETF. Its user interface is much better, and much more fit for the purpose, than that of Zoom or Webex (the latter being especially terrible in terms of UX). Also, not using commercial platforms is very important for our privacy and data protection. Just stop giving Meetecho broken VMs to run on.

Many thanks to all the people involved in IETF109, especially to those volunteering in the organization. Anyway, I hope that the meeting being virtual is only a temporary solution, and the long-term perspective still involves in-person meetings!

Thanks folks! Keep on.

none

I think the mechanisms to meet virtually are better and better every meeting. I don't know that I would jam more capability into meetecho. Video screens are only so big, and it is just as easy to run multiple windows.

This was a bruising and horrible experience- my second on-line IETF and my last. Presentation quality from speakers appears to have taken a nose-dive - add in the constant disconnects, the systems that don't work and the rudeness of some people when they hide behind a keyboard and frankly, I have to wonder if we are doing the right thing. My vote would be to postpone ALL future IETFs until we can meet in-person again - really unpleasant and soul-destroying experience.

folks are doing a very good job, continuous improvement.

IETF does try hard to make remote meetings work. But I have the strong feeling that at least 50% of important social aspects are missing, such as social meetings, discussions and side meetings. This makes us missing some of the most valuable parts of the IETF - hence it really minimizes the sense to attend for us.

Gurpleflurp?

Is there anything else you would like to say?

Yes

Please re-consider the "local time zone" decision. It goes against most agreements in other international meetings. Also, do not prefer the US West coast when considering the US time zones.

Comments made at Plenary sent a clear enough message: reliability and compatibility trumps everything else.

I just had audio issues (voice scattered) using Safari. Changing browser (Firefox) audio was perfect.

Great job ppl - keep on trucking.

Good meeting. Overall I think this is the best we can do given we can't meet Face to Face.

BESS ran "on the nose" due to a bit of a debate/argument which would have been better suited for a hallway conversation after the meeting. Chair control of the debate(timing) is difficult in Meetecho due to delays/latencies. Heated debate comes off as a shouting match (because delay means raising voice?). IETF meetings are the *index* into the real flurry of activities that happen outside/after in person. Virtual meetings virtually(ha!) eliminate the post-meeting IETF activities.. The BESS argument effectively spilled over into a public argument on the mailing list. I am sure those involved would have preferred a 1-hr in person debate. All that to say... virtual meetings "work" as an Index but a lot of the other work doesn't happen. Here's to a return to normalcy !

Given what happened in Bangkok this week, it is interesting to consider what would have happened to the meeting had we not had our hand forced by Covid.

There were occasional problems with MeetEcho, certainly, but they seem no worse, and no more frequent, than in the many Zoom, WebEx, or Teams meetings I join.

Thanks!

congrats to the organisers for an overall well-run meeting, in these difficult times

Again, this was a very successful online meeting; we seem to be getting better over time. We need to be attentive to how we are using our tools, and add functionality where the tool can do things we can't do socially very well. (Oh, and maybe we can evolve beyond screen sharing to downloaded slides controlled by the presenter; look at BBB for how to get this done. "Next slide" is getting really boring and swallows too much time.)

Cannot wait to go back to f2f meetings

Is there anything else you would like to say?

These online meetings are burning me out.

stay safe!

Very insightful and interesting

The focus on meetecho here misses some of the major failures this time round

I realized during this meeting that one of the important facets of an in-person meeting is the ability to send opposing parties to lunch/dinner together; they often come back with a workable consensus. While it's entirely possible for such groups to meet in Gather (or, indeed, any other video chat platform), the "social lubricant" of a shared meal keeps it from being a continuation of in-meeting grandstanding. I don't know whether there's any way to bridge this gap short of actual in-person meetings and meals, but Gather has already gone further in replacing the hallway venue than I thought possible, so I raise it for your consideration.

Meetecho is generally good at IETF meetings but it failed badly for IETF109

I seem to have gotten a lot of technical issue emails (problems with authentication / meetecho etc) on the general attendee list this time. If there was a way to somehow catch those and tell the sender to send to some issue tracking email list instead that would be nice. Thanks!

I attended the newcomers coffee breaks hoping to engage with newcomers. There were hardly any newcomers there. Because my Meetecho connections are unstable, I prefer to use separate jabber and CodiMD. Using an unstable interface as a single point of failure would be illogical.

Virtual IETF is hard. I find losing the hallway and social interaction and immersive-ness lessens the experience. To the extent that I wonder if it might not be as well to just run wg/area meetings as independent interims until we can meet again physically.

Thank for the fee waiver programme

Everyone is learning how to do a virtual conference and I think that with all the circumstances, IETF was done pretty well. Yes there were problems with technology, but with more experience, those problems will be solved and the experience will be improved. I would urge the secretariat to continue switching time zones as long the meeting is virtual.

0500 UTC meetings were awful, but overall the 2020 IETF meetings were done about as well as could be, so well done.

End of Report