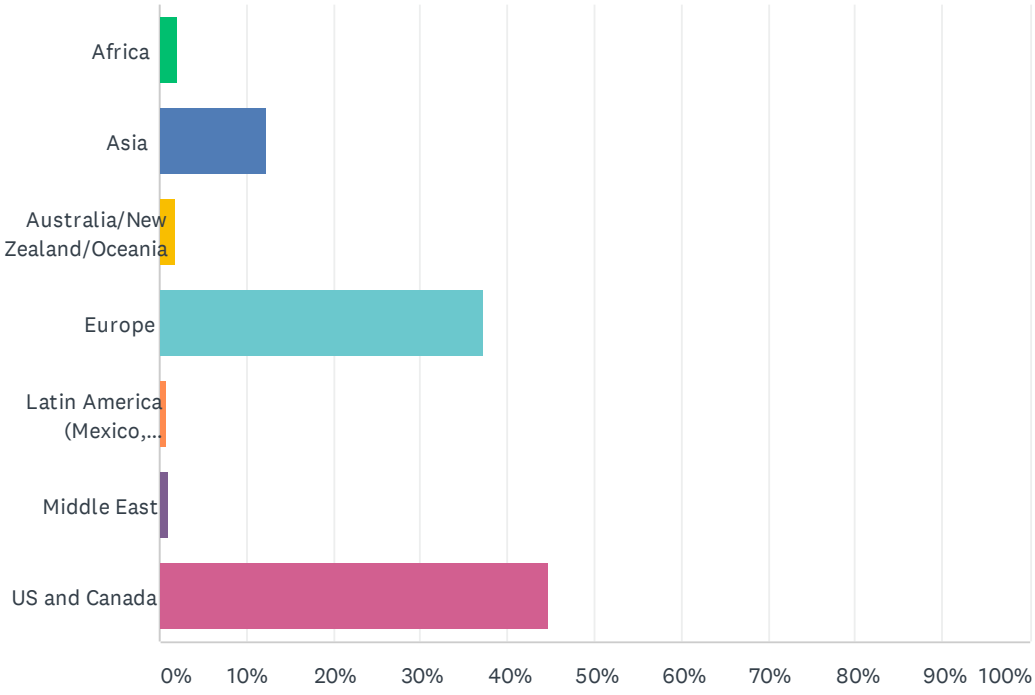
Q1 In what region do you live?

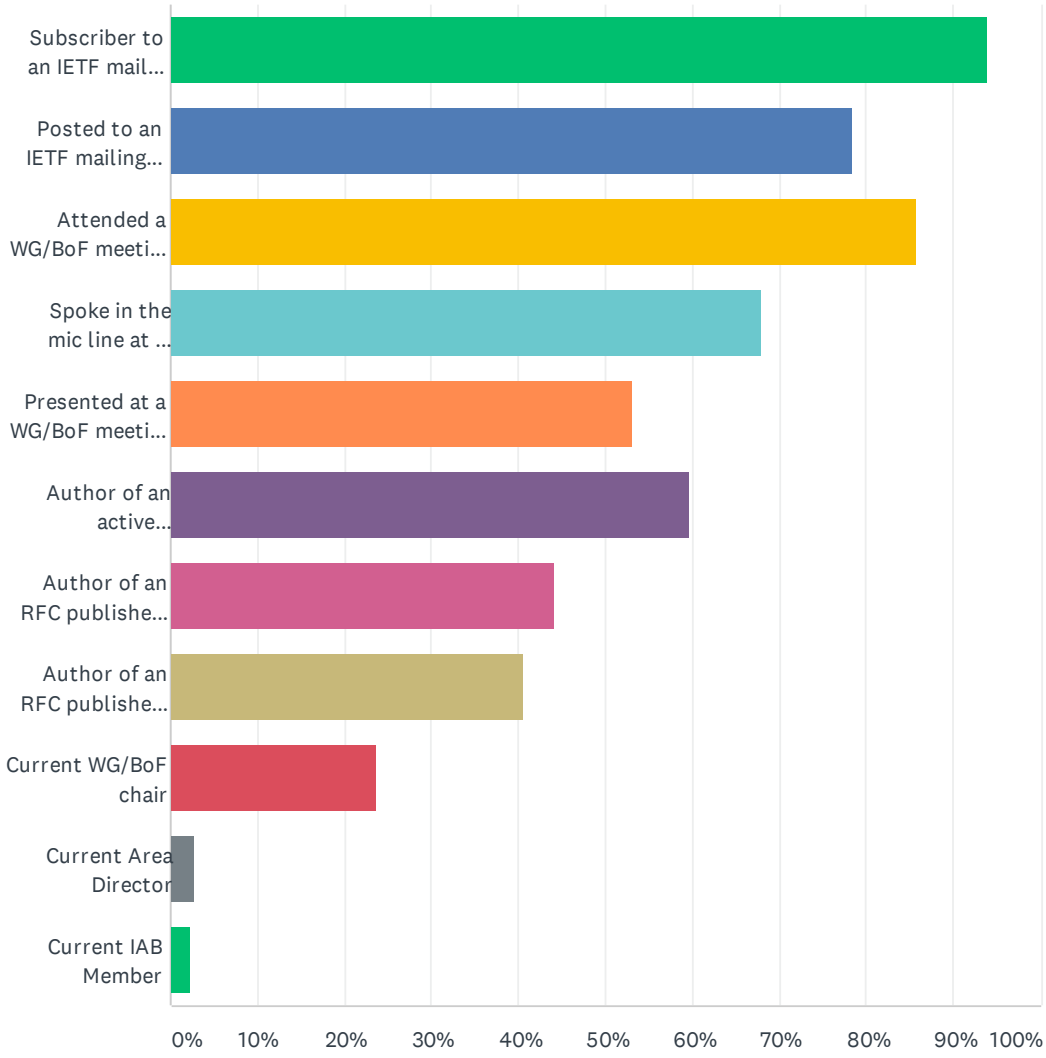
Answered: 382 Skipped: 0



ANSWER CHOICES	RESPONSES	
Africa	2.09%	8
Asia	12.30%	47
Australia/New Zealand/Oceania	1.83%	7
Europe	37.17%	142
Latin America (Mexico, CentralAmerica, South America,Caribbean)	0.79%	3
Middle East	1.05%	4
US and Canada	44.76%	171
TOTAL		382

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

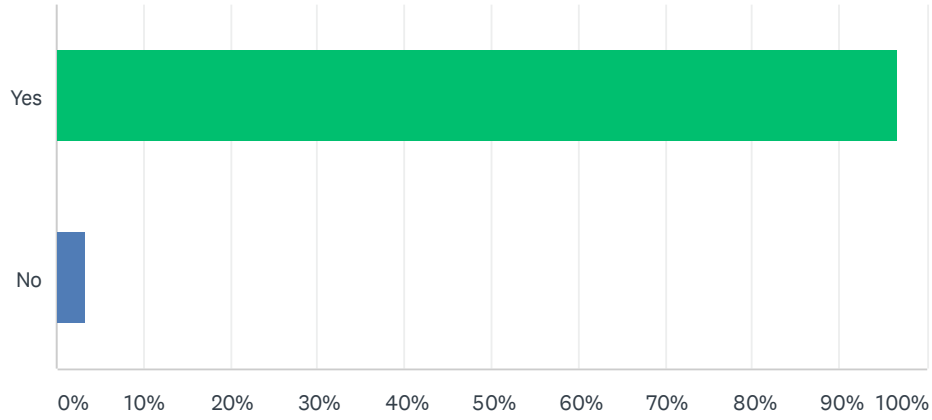
Answered: 382 Skipped: 0



ANSWER CHOICES	RESPONSES	
Subscriber to an IETF mailing list within the last year	93.98%	359
Posted to an IETF mailing list within the last year	78.53%	300
Attended a WG/BoF meeting within the last year (in-person or virtual)	85.86%	328
Spoke in the mic line at a WG/BoF meeting within the last year (in-person or virtual)	68.06%	260
Presented at a WG/BoF meeting within the last year (in-person or virtual)	53.14%	203
Author of an active Internet-Draft	59.69%	228
Author of an RFC published within the last 5 years	44.24%	169
Author of an RFC published more than 5 years ago	40.58%	155
Current WG/BoF chair	23.56%	90
Current Area Director	2.62%	10
Current IAB Member	2.36%	9
Total Respondents: 382		

Q3 Did you participate in the IETF 108 meeting that has just finished?

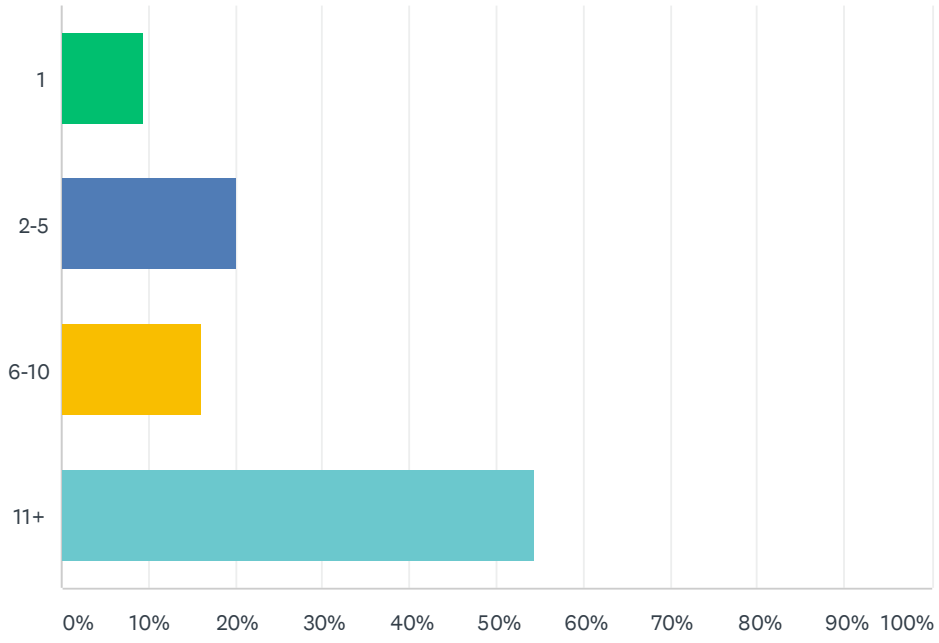
Answered: 382 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	96.60%	369
No	3.40%	13
TOTAL		382

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

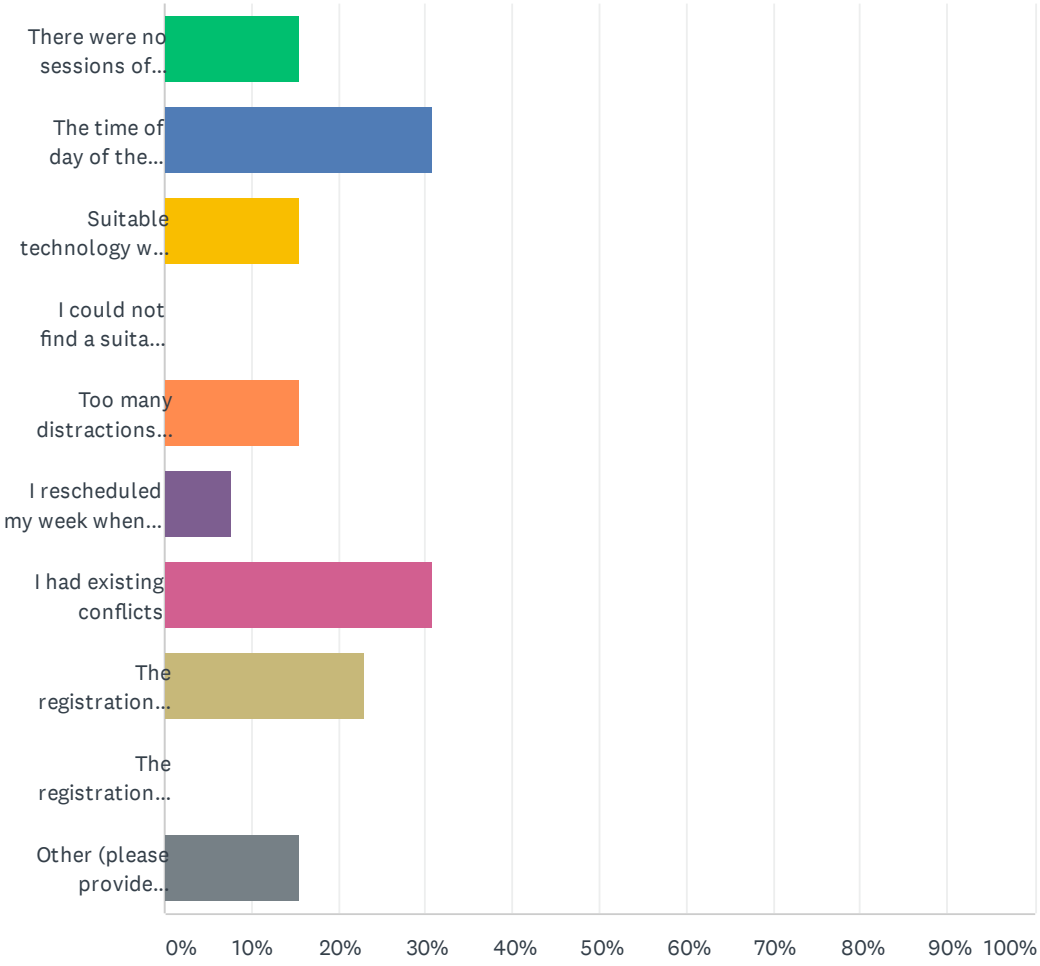
Answered: 380 Skipped: 2



ANSWER CHOICES	RESPONSES	
1	9.47%	36
2-5	20.00%	76
6-10	16.05%	61
11+	54.47%	207
TOTAL		380

Q5 Why didn't you participate in the IETF 108 meeting? (check all that apply)

Answered: 13 Skipped: 369

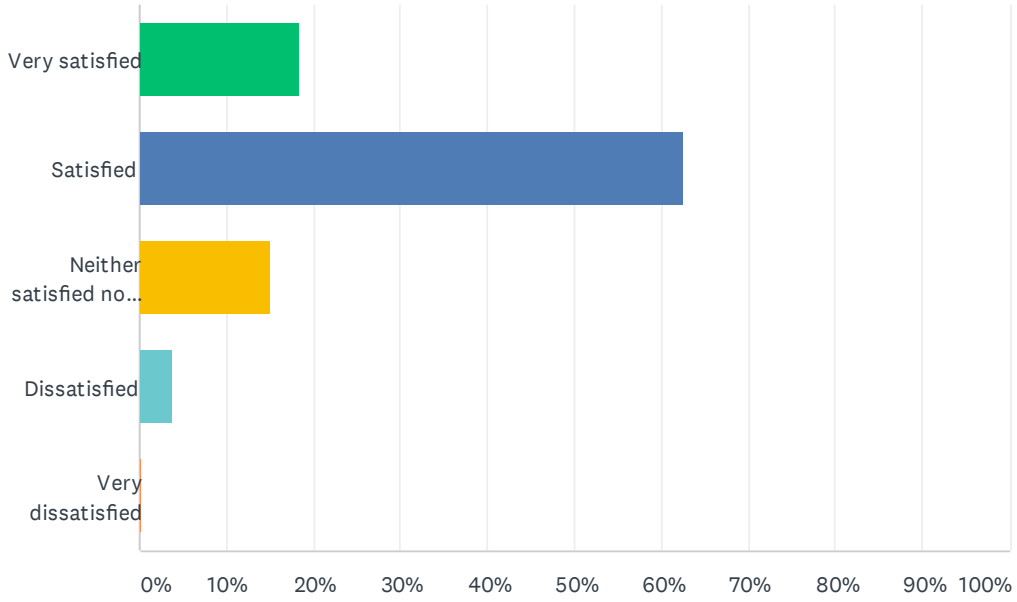


ANSWER CHOICES	RESPONSES	
There were no sessions of interest to me	15.38%	2
The time of day of the meeting was too difficult for me to participate	30.77%	4
Suitable technology was not available	15.38%	2
I could not find a suitable place to work from	0.00%	0
Too many distractions in the place where I would have participated from	15.38%	2
I rescheduled my week when the in-person meeting was cancelled	7.69%	1
I had existing conflicts	30.77%	4
The registration fee was a barrier to participation and I did not want to request a fee waiver	23.08%	3
The registration fee was a barrier to participation and I did not know about fee waivers	0.00%	0
Other (please provide details)	15.38%	2
Total Respondents: 13		

#	OTHER (PLEASE PROVIDE DETAILS)	DATE
1	just missed the meeting	8/6/2020 7:58 PM
2	Written discussion more useful.	8/4/2020 6:53 AM

Q6 Overall, how satisfied were you with the IETF 108 meeting?

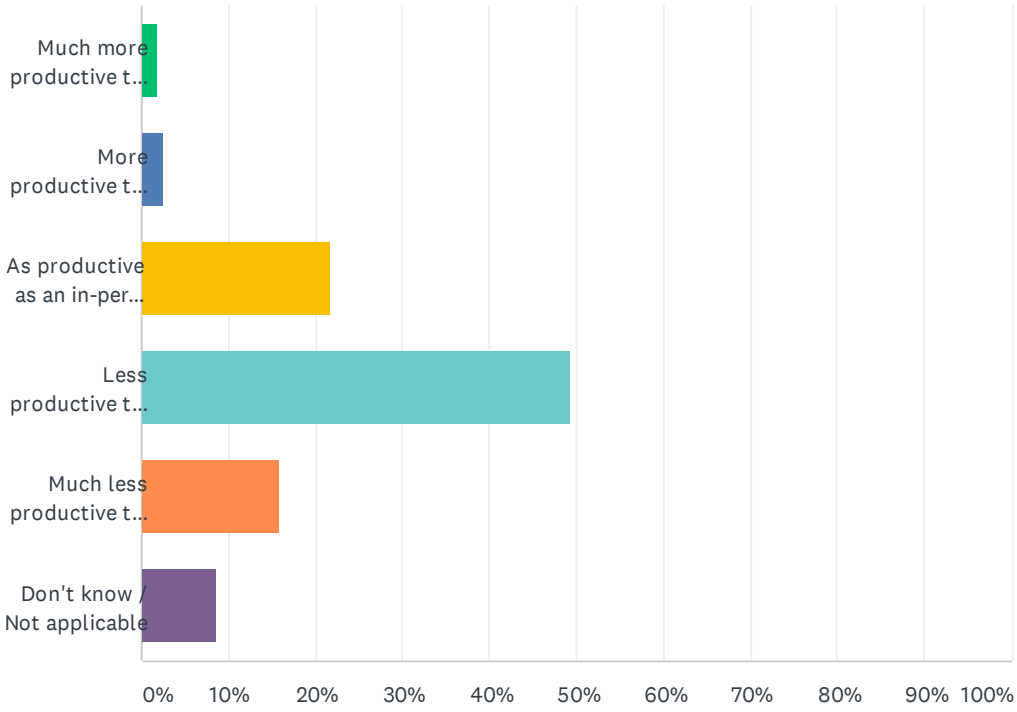
Answered: 365 Skipped: 17



ANSWER CHOICES	RESPONSES	
Very satisfied	18.36%	67
Satisfied	62.47%	228
Neither satisfied nor dissatisfied	15.07%	55
Dissatisfied	3.84%	14
Very dissatisfied	0.27%	1
TOTAL		365

Q7 Compared to an in-person meeting, how productive was your IETF 108 meeting?

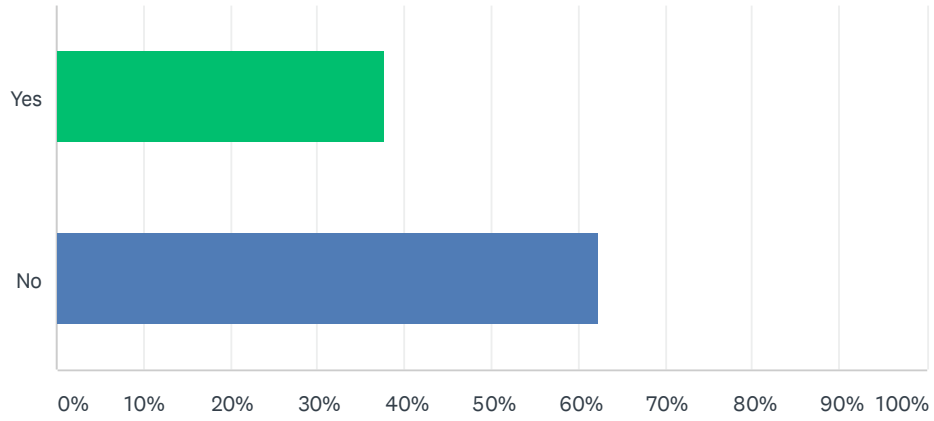
Answered: 364 Skipped: 18



ANSWER CHOICES	RESPONSES	
Much more productive than an in-person IETF meeting	1.92%	7
More productive than an in-person IETF meeting	2.47%	9
As productive as an in-person IETF meeting	21.70%	79
Less productive than an in-person IETF meeting	49.45%	180
Much less productive than an in-person IETF meeting	15.93%	58
Don't know / Not applicable	8.52%	31
TOTAL		364

Q8 Did you participate in any of the chair/participant testing sessions the two weeks before the virtual meeting?

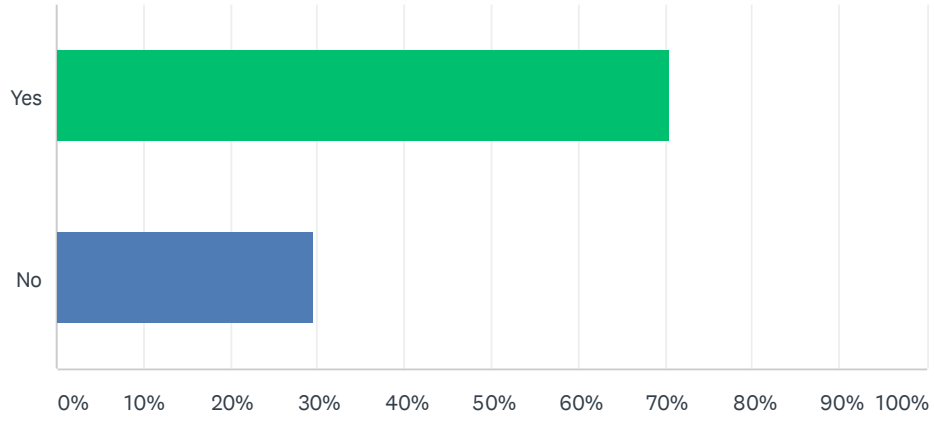
Answered: 363 Skipped: 19



ANSWER CHOICES	RESPONSES	
Yes	37.74%	137
No	62.26%	226
TOTAL		363

Q9 Did you read the chair/presenter/participant guides?

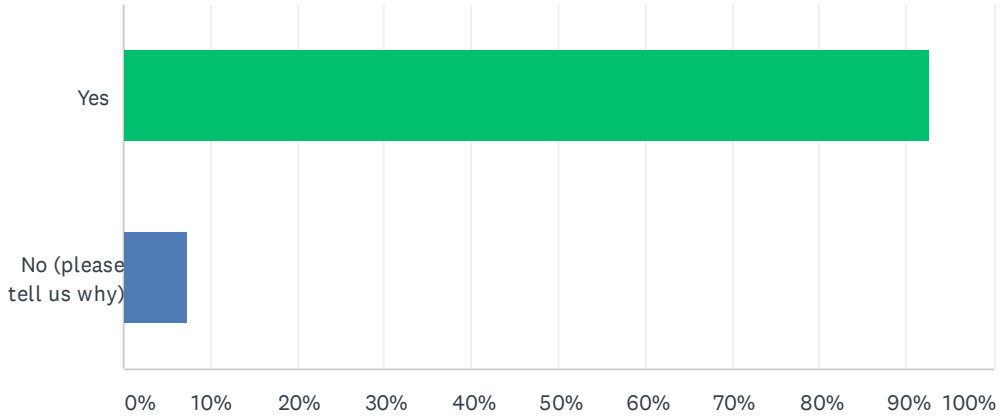
Answered: 363 Skipped: 19



ANSWER CHOICES	RESPONSES	
Yes	70.52%	256
No	29.48%	107
TOTAL		363

Q10 Were you well prepared for participating in IETF 108?

Answered: 360 Skipped: 22



ANSWER CHOICES	RESPONSES	
Yes	92.78%	334
No (please tell us why)	7.22%	26
TOTAL		360

#	NO (PLEASE TELL US WHY)	DATE
1	traditionally personal reasons for not reading documents etc.	8/9/2020 3:56 AM
2	Could have better guidance+summary on meetecho changes since last time	8/7/2020 4:58 AM
3	without the full week time dedication, WG meetings became "just" normal webex meetings in my calendar	8/6/2020 6:51 PM
4	why should I have to prepare?	8/6/2020 1:15 PM
5	some nuances of MeetEcho escaped me. all were resolved	8/6/2020 11:29 AM
6	did not have time to spend	8/6/2020 7:21 AM
7	My own time constraints, not any IETF deficiencies.	8/6/2020 5:01 AM
8	Could not text/use two notebooks simultaneously as chair with meetecho	8/6/2020 4:20 AM
9	time constraints	8/5/2020 10:34 PM
10	I didn't test my setup well enough	8/5/2020 12:55 AM
11	Make better and earlier use of the virtual hallway	8/5/2020 12:53 AM
12	didn't read the drafts, mainly to listen to the hot topics	8/4/2020 10:26 PM
13	I have known about IETF108 a bit lately. So I didn't know what kind of preparation would be usefull.	8/4/2020 9:52 PM
14	Did not study the agenda as well as I should have	8/4/2020 9:32 AM
15	I did not take time to prepare because I didn't have to travel and had other appointments during the same week that I needed to prepare for - in short: lack of focus.	8/3/2020 9:40 PM
16	Wished that I had been able to run a proper chair side test session prior to chairing the area meeting. However, the time for the test sessions didn't work out. Also, the chairing sides needed a bit of training. Fortunately as AD I did get to see the chair right prior to my own sessions.	8/3/2020 8:30 PM
17	The preliminary agenda came late so it was unclear which sessions will be held during this IETF at all. As this format is new, there was no prior experience. After the IETF 107 had very few sessions within the IETF week, I feared that this could be the same for IETF 108.	8/3/2020 8:18 PM
18	Meetecho was being updated and not ready for any test sessions prior to my session	8/1/2020 6:54 AM
19	various reasons including competing priorites and WG not meeting during 108	8/1/2020 6:45 AM
20	because I didn't research use of Meetecho till the very last moment ;-)	8/1/2020 6:04 AM
21	The chair session should have had some practice scenarios instead of just explanations/show-and-tell.	8/1/2020 5:31 AM
22	Buttons of Meetecho not well explained, a bit confusing when you are a presenter what you need to do ...	8/1/2020 5:27 AM
23	I did not have sufficient time to read voluminous RFCs to get really good handle on the issues.	8/1/2020 5:20 AM
24	unable to switch time zones	8/1/2020 5:07 AM
25	no time	8/1/2020 4:36 AM
26	I still have like a million RFCs to catch up on.	8/1/2020 4:30 AM

Q11 What else could be done to help you prepare?

Answered: 65 Skipped: 317

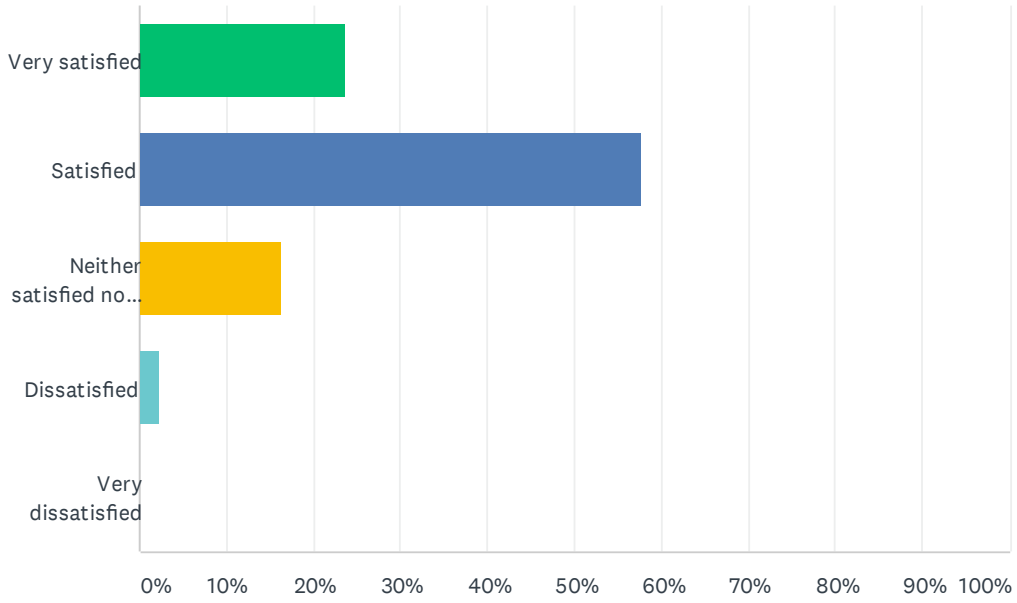
#	RESPONSES	DATE
1	More time to work with the tools	8/8/2020 9:59 AM
2	more availability to test the tools and provide feedback that could be acted on prior to the meeting.	8/8/2020 4:05 AM
3	I was under the impression that the chairs' testing slots were short and I did not manage to use any of them.	8/7/2020 9:32 PM
4	* Better guidance on the meanings of "hums" (ie, whether to do "no hum" vs "soft-hum" as a "no" and how to judge when no one hums for an option seemed to be highly inconsistent) * Better guidance on common MeetEcho gotchas around the queue and getting the mic to work in various browsers.	8/7/2020 4:58 AM
5	I'm afraid nothing.	8/6/2020 6:51 PM
6	Anyhow, I lost audio connectivity during my talk several times and had to re-join meetecho.	8/6/2020 6:20 PM
7	Material for sensitization	8/6/2020 3:17 PM
8	On-demand testing to ensure we can talk/share without issue.	8/6/2020 3:00 PM
9	The meetecho seems to be not stable. Sometimes, broken and auto-reconnection.	8/6/2020 2:53 PM
10	Sync up with more people before the meeting.	8/6/2020 1:23 PM
11	the queue of GUI/UX changes is big enough.	8/6/2020 11:29 AM
12	make a selection on the working group and study a lot to level up to the standard. set objectives before the event	8/6/2020 10:38 AM
13	Clone me? ;-)	8/6/2020 5:01 AM
14	I didn't know how the datatracker authentication was done, since I'm not using the same mail address to register (my company changed its name). I modify my login in the datatracker to be sure it works and it was quite easy to do. congratulation	8/6/2020 4:32 AM
15	More prep time for chairs in their WGs. 10 minutes is a bit low.	8/6/2020 4:28 AM
16	Allow chairs to set up meetecho sessions, allow chairs to use multiple notebooks in meetecho for same session simultaneously.	8/6/2020 4:20 AM
17	Nothing comes to mind.	8/6/2020 3:58 AM
18	Let the testing times be open longer/always	8/6/2020 2:39 AM
19	Not much really	8/6/2020 1:42 AM
20	read WG drafts and individual drafts	8/5/2020 11:36 PM
21	15 minutes before meeting start chairs could be let in . The problem was the 2nd practice session for chairs was cancelled.	8/5/2020 11:21 PM
22	I did not realise there were guides to participation that I could have read, or training sessions (not that I would necessarily have imagined that I would need training). I've used Meetecho before, but on this instance neither audio nor video at the dnsop meetings worked for me. Since the dnsop meeting was all I paid my one-day attendance fee to attend, the effect that I wasn't able to participate at all.	8/5/2020 11:17 PM
23	Easier access to testing in chair role on Meetecho	8/5/2020 10:51 PM
24	(1) having meeting materials in advance of the start of the IETF week is even more valuable when people are remote than it is when all are present physically. The IESG should clarify those rules and deadlines and then enforce them. (2) Please don't design schedules so that software and documentation are being designed and tuned within the last few weeks before the meeting (or later). If test sessions are part of the debugging and design testing plan as we as training/preparation for participants, they need to be schedule a month or six weeks out, not the week before. Or separate the two functions and do both.	8/5/2020 4:38 PM
25	Gotten additional sleep. As it was, getting up at 3am local time for 4am meetings was very difficult to adjust to.. maybe as hard as normal jet lag, but needing to do 'normal' work in	8/5/2020 11:53 AM

	addition to IETF 108 made things harder than when I was known to be at off-site meetings for a week.	
26	Provide a "green room" for people to practice presentations.	8/5/2020 8:31 AM
27	Self-service chair testing without having to reserve a timeslot	8/5/2020 2:56 AM
28	More test setup	8/5/2020 12:55 AM
29	More testing on audio and video of meetecho. I already pre-tested a lot, but still, during a meeting my video showed as a double split image during my intervention.	8/4/2020 11:30 PM
30	Better manage agenda conflicts. Having an online drag tool to "tweak" the slots and propose alternates with a full visibility of constraints. I had to present and to chair a meeting. I managed that with my co-chair, but he had also to present in another WG.	8/4/2020 11:29 PM
31	I have known about IETF108 a bit lately. So I didn't know what kind of preparation would be usefull.	8/4/2020 9:52 PM
32	The chair session in CET time was cancelled and the lastr one was too late. The recording did not show the screen actions so it was mostly useless. I never found how to 'log as a chair' that was mentioned many time and had to ask at another meeting before mine, to discover it was automatic. All in all, once you go through it once, meetecho is easy and cool. Many too much info for one screen though. So there is much mess point to prepare that much next time.	8/4/2020 8:21 PM
33	To start, a better and stable UI and tool would help	8/4/2020 6:38 PM
34	wish everyone can control his/her own audio	8/4/2020 4:44 PM
35	Ship my kids to space.	8/4/2020 1:28 PM
36	Some tutorial video could help	8/4/2020 1:28 PM
37	Having a speakers room to go in and test presenting and debug tech issues at any point would have been helpful	8/4/2020 12:36 PM
38	Nothing - very good preparation materials - thanks!	8/4/2020 12:17 PM
39	mic and video checks in meetecho	8/4/2020 12:12 PM
40	host a demo MeetEcho channel for chairs to experiment with features and settings.	8/4/2020 11:50 AM
41	Participants guidelines should be sent one week before the events	8/4/2020 11:26 AM
42	This is a bad idea. There’s no reason that participating in IETF should require preparation.	8/4/2020 9:38 AM
43	I missed the information about gather town - down to me, not the IETF	8/4/2020 9:32 AM
44	Nothing I can think of.	8/3/2020 9:40 PM
45	More test sessions, or an easy way to create ones own test session.	8/3/2020 8:30 PM
46	Devise a system where several hundred drafts are not all published right before the meeting.	8/2/2020 10:29 PM
47	logging in on 2 devices	8/2/2020 8:56 PM
48	allow practice session much earlier and continuous. Have an automated tools that checks meetecho browser/settings etc and give suggestions how to fix!	8/1/2020 3:39 PM
49	help me? nothing. let me know somehow if some random participant (or WG chair)! was truly ready... that would have helped.	8/1/2020 8:07 AM
50	Would have liked more opportunities to test with Meetecho _well_ before the meeting.	8/1/2020 6:57 AM
51	A few additional “test” opportunities	8/1/2020 6:55 AM
52	Team did an excellent job of preparing chairs	8/1/2020 6:07 AM
53	not updated MacOS and VMware just before the meeting	8/1/2020 6:07 AM
54	Have "test my Meetecho" rooms available during IETF week so people could test just before a meeting	8/1/2020 5:56 AM
55	Testing sessions that actually take place and aren't canceled because of some problem	8/1/2020 5:48 AM

56	It would have been good to have RFC and BOF material sooner, because I attended for the first time. On the other hand, I understand why this might not have been possible.	8/1/2020 5:20 AM
57	The Gather.Town was a great platform but not really well advertised. I could have scheduled some run-ins prior if I would have known about it. None in my organization I spoke too knew about it until I found it by accident and told them. But regular participation in Gather.Town was not very high. I hope that could change in the future. But that only will happen if it is better advertised. Maybe during each WG session. "Come and see us in Gather.Town"	8/1/2020 4:59 AM
58	24/7 test virtual meeting where could test audio and video settings at any time, could be automated i.e. no person needed.	8/1/2020 4:51 AM
59	More ability to test audio and video before a session.	8/1/2020 4:44 AM
60	Autonomous, anytime Meetecho test capability to judge whether my new headset was working well with the service.	8/1/2020 4:33 AM
61	I saw the link to gather.town very late. Although mentioned the link was not available on agenda page.	8/1/2020 4:28 AM
62	Have a "Testing meetecho room" available all week.	8/1/2020 4:24 AM
63	used standard tools rather than bespoke meetecho and datatracker	8/1/2020 4:23 AM
64	Warn people to not bother using chromium browser since its webrtc implementation doesn't work very well. But I figured that out in about 5 minutes.	8/1/2020 4:18 AM
65	The testing options for Meetecho came quite late for WGs meeting on Monday morning...	8/1/2020 4:18 AM

Q12 How satisfied were you with the chair/participant testing session(s) you participated in?

Answered: 135 Skipped: 247



ANSWER CHOICES	RESPONSES	
Very satisfied	23.70%	32
Satisfied	57.78%	78
Neither satisfied nor dissatisfied	16.30%	22
Dissatisfied	2.22%	3
Very dissatisfied	0.00%	0
TOTAL		135

Q13 How can we improve the chair/participant testing sessions?

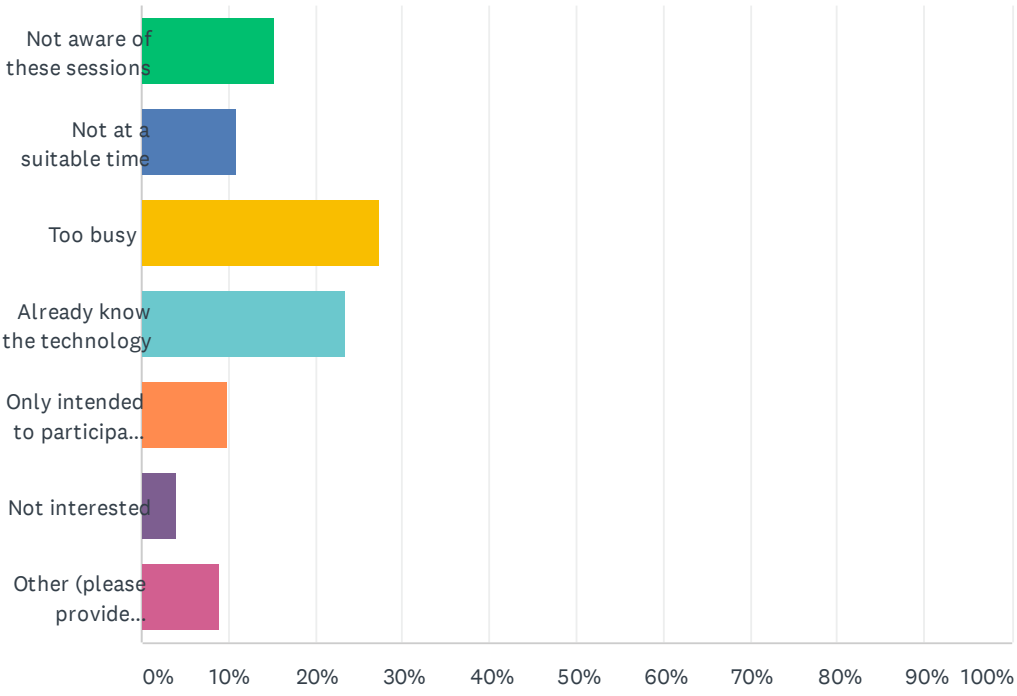
Answered: 48 Skipped: 334

#	RESPONSES	DATE
1	More time	8/8/2020 9:59 AM
2	Run them far enough in advance to allow for changes from feedback. Offer much more times to test our WG rooms out.	8/8/2020 4:05 AM
3	We got a bit delayed (I don't remember why)	8/7/2020 9:33 PM
4	allow for scheduling a test session to start at anytime before meeting allow for session to start anytime after the chair joins allow for non abrupt termination of session	8/7/2020 8:41 AM
5	There could be more of them, having one 3am in the morning is not optimal.	8/7/2020 3:48 AM
6	Some chairs do not test (I tested with chairs from another group). Maybe ask chairs to participate or at least start the meeting in advance to enable testing. Provide guidelines for chairs to present (to avoid issues with individual presenters). Maybe based on sharing a browser will presentations on individual tabs.	8/6/2020 3:03 PM
7	Greg did a good job showing features. What was missing was the ability to do extended personal practice sessions the week before the meeting. Yes - I know, and used, the test rooms during the week.	8/6/2020 4:39 AM
8	Answered (need to be able to do it on my own time and emulating participants myself as was possible with webex)	8/6/2020 4:22 AM
9	Having more of them.	8/6/2020 3:58 AM
10	Seemed to work reasonably well, and aligned with other virtual meeting tools I have used recently.	8/6/2020 2:28 AM
11	This was a first time. People will learn and get used to the tools in the future.	8/6/2020 1:43 AM
12	Cover what controls your video and audio early in the session, since it's different from conventional meeting applications.	8/6/2020 12:08 AM
13	Chair role testing with WG meeting rooms	8/5/2020 10:51 PM
14	Rather than improving the sessions themselves, I think it might be helpful to allow entering a room with more time in advance than just few minutes before the start of a session. This may help identify unexpected audio issues, identify issues with wrong versions of published slides, etc.	8/5/2020 7:48 PM
15	This relates to a comment above , but I never want to here, in a testing session a week before IETF starts that some things are still under development and will (or might) change. Both systems and documentation must be stable (and, ideally, frozen) before those sessions.	8/5/2020 4:41 PM
16	Improve hum tool -- they are often used for yes / no / need more info. That took way too long in Meetecho.	8/5/2020 8:34 AM
17	I really had to test with my own laptop and browser(s) to figure-out what would work best. It was nice when I accidentally ran into some other chairs, and they were able to confirm what was visible to participants (on Sunday).	8/5/2020 6:38 AM
18	I would say to ask people to hold off asking questions initially to let the "presentation" complete. I found the volume of questions and comments at the beginning sent the session in a chaotic direction.	8/5/2020 3:52 AM
19	Make it clearer that it is a presentation that you should join from the beginning rather than just an hour during which you can test joining.	8/5/2020 1:48 AM
20	Meetecho might need a few improvements. For example, there might be a need for meetecho to display locally my live webcam. It might also need abilit to select camera/mic/speaker during the session, in firefox.	8/4/2020 11:31 PM
21	More visuals could be more interesting	8/4/2020 9:53 PM
22	It would have been good as a chair to have had a chance to practice being a chair. Otherwise they were fine.	8/4/2020 8:45 PM
23	increase amount	8/4/2020 7:32 PM

24	chair testing session as the real/only chair. When chairing I did not realized for 2 minutes that I had to enable my own mike.	8/4/2020 6:33 PM
25	In the current UI, meetecho really wants two chairs to drive the presentation, watch the chat window, and service participant queueing. You need one more party to watch how this works as a non-chair participant.	8/4/2020 11:16 AM
26	I am not sure. MeetEcho was significantly better during the week of the IETF than during the testing sessions. For the most part the tools was intuitive so I did not feel like I needed in depth training.	8/4/2020 10:02 AM
27	It went well, no real critiques to offer	8/4/2020 9:32 AM
28	Have potential presenters to actually attempt to present... Most problems seemed to be with non-chair presenters	8/3/2020 8:00 PM
29	A few more timeslots. I also got confused about which sessions were for participants and which were for chairs.	8/3/2020 2:42 PM
30	In the first session there were a few rough edges. But that was normal and expected	8/2/2020 8:57 PM
31	Just more time for testing in both roles and in randomly assigned groups.	8/2/2020 8:54 AM
32	Make it clear what operations to try out. I wasn't sure when it was appropriate to do what. It was fine really, just an improvement suggestion.	8/1/2020 6:03 PM
33	More of them earlier on! I liked it when you created prova !	8/1/2020 3:40 PM
34	Maybe have a bot that acts like a participant/presenter?	8/1/2020 10:46 AM
35	Opportunity to self-drive Meetecho in chair role.	8/1/2020 8:08 AM
36	We probably shouldn't be changing the UI during the session. We should have done that much sooner.	8/1/2020 8:08 AM
37	Ready more in advance and with a more stable code base. I understand that this was simply not possible this time due to all the work and changes being done on Meetecho all the way up to and during the meeting.	8/1/2020 7:00 AM
38	Have more of them and start _much_ sooner. The week before is too late. The testing room that opened the Friday before the meeting was _much_ too late. Please remember we have to schedule around other responsibilities.	8/1/2020 6:58 AM
39	Provide more realistic testing	8/1/2020 5:49 AM
40	The chair session should have had some practice scenarios instead of just explanations/show-and-tell.	8/1/2020 5:31 AM
41	I could have done with a bit more of a chance to practice with Meetecho. But I did get the hang of it quite quickly.	8/1/2020 5:21 AM
42	The test sessions for chairs to practice opened a bit too late. Also having up to5 chairs in same timeslot wasn't great.	8/1/2020 5:02 AM
43	More time to practice to running a session.	8/1/2020 4:46 AM
44	I thought they were great because you could make a bunch of mistakes without looking like an idiot in the meeting (e.g. getting into the queue and not being able to get out).	8/1/2020 4:33 AM
45	The chair of testing session has to be educated first.	8/1/2020 4:28 AM
46	provide some hands-on time for chairs to try out the controls for themselves.	8/1/2020 4:27 AM
47	Don't know. More of them?	8/1/2020 4:24 AM
48	Schedule more of them and a bit earlier. IETF participants may have a day job and cannot always dial-in...	8/1/2020 4:19 AM

Q14 What was the main reason why you did not participate in any of the chair/participant testing sessions?

Answered: 222 Skipped: 160

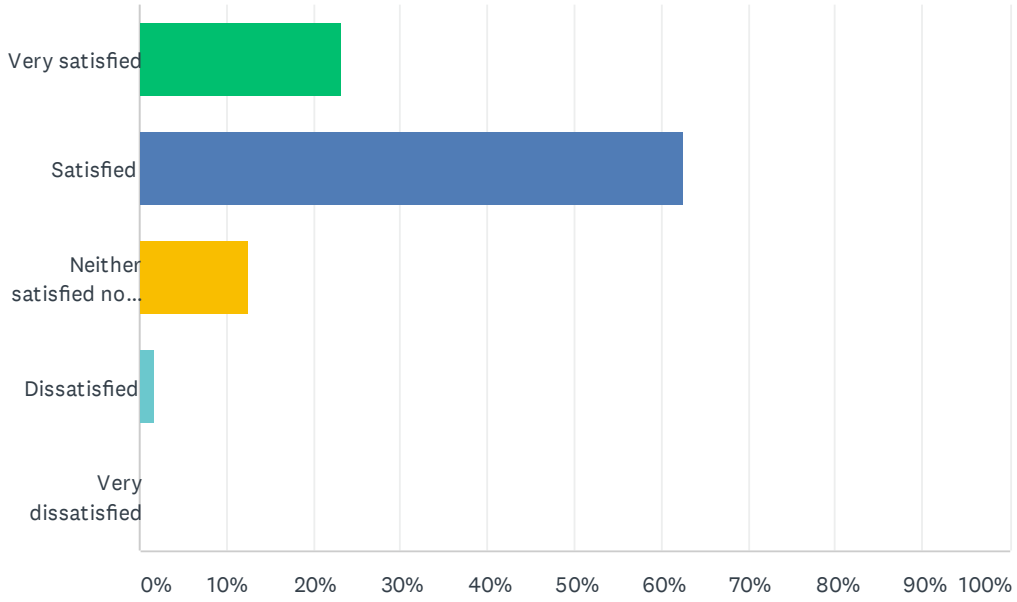


ANSWER CHOICES	RESPONSES	
Not aware of these sessions	15.32%	34
Not at a suitable time	10.81%	24
Too busy	27.48%	61
Already know the technology	23.42%	52
Only intended to participate as a watcher and not speak or present	9.91%	22
Not interested	4.05%	9
Other (please provide details)	9.01%	20
TOTAL		222

#	OTHER (PLEASE PROVIDE DETAILS)	DATE
1	Much of the above (too busy, didn't realize meetecho was changing as much as it did)	8/7/2020 4:59 AM
2	If I have to follow a training for a simple conferencing tool, this is a bad tool + too busy	8/6/2020 6:52 PM
3	laziness	8/6/2020 11:29 AM
4	missed them	8/6/2020 4:33 AM
5	I already do a lot of video conferencing, and thought the tools would be standard	8/6/2020 4:02 AM
6	2nd session was cancelled. I was pre-schedule for 1st session.	8/5/2020 11:21 PM
7	Couldn't commit to a testing time in advance due to dynamic schedule	8/5/2020 2:56 AM
8	I had presenters that could not attend, and so I made a choice not to because I felt it was useful to experience the platform for the first time, as many of them would.	8/5/2020 1:58 AM
9	Forgot	8/5/2020 12:55 AM
10	Not my area of work.	8/4/2020 9:57 PM
11	Conflicted with other meetings I had that were immovable	8/4/2020 11:41 AM
12	started planning too late and thus didn't have time	8/3/2020 9:43 PM
13	Not at a suitable time and to few available.	8/3/2020 8:32 PM
14	Too busy + already know basic Meetecho functions in principle from prior meetings (not the new features, of course)	8/3/2020 8:19 PM
15	How hard is it, really? Turns out some of the chairs found it hard even with training!	8/1/2020 8:39 PM
16	assumed I could sort out the tech in a short time	8/1/2020 7:13 AM
17	just didnt think about it	8/1/2020 6:39 AM
18	I honestly forgot to attend, but hand no problems later	8/1/2020 6:37 AM
19	figured it would be obvious enough	8/1/2020 6:15 AM
20	tested early via NOC	8/1/2020 6:11 AM

Q15 How satisfied were you with the chair/presenter/participant guide(s)?

Answered: 246 Skipped: 136



ANSWER CHOICES	RESPONSES	
Very satisfied	23.17%	57
Satisfied	62.60%	154
Neither satisfied nor dissatisfied	12.60%	31
Dissatisfied	1.63%	4
Very dissatisfied	0.00%	0
TOTAL		246

Q16 How can we improve the chair/presenter/participant guides?

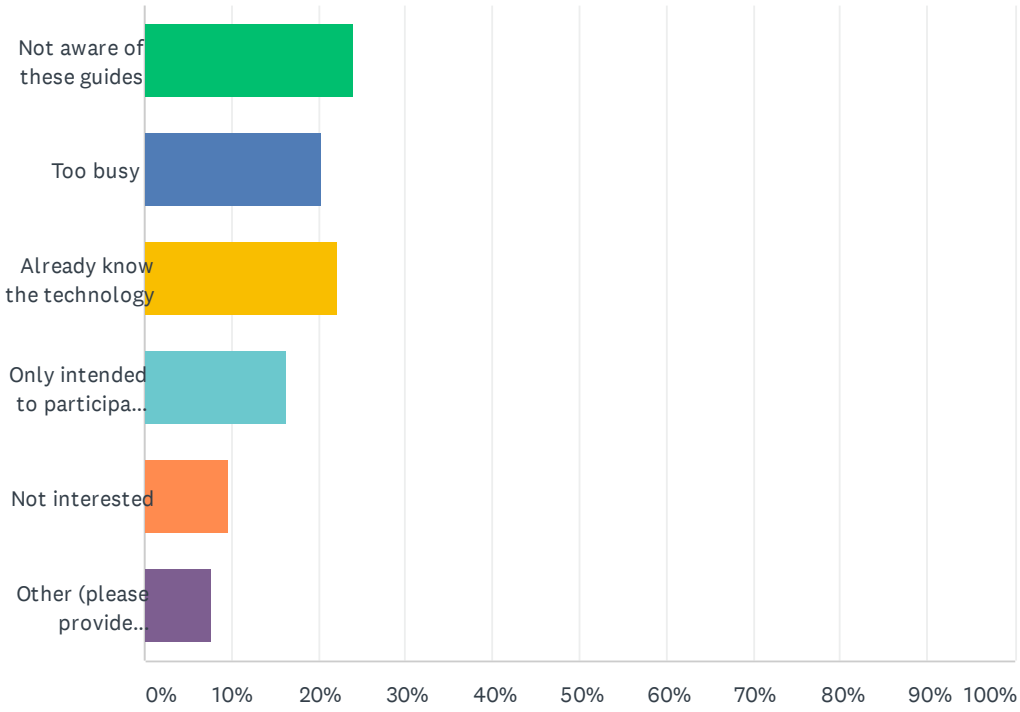
Answered: 37 Skipped: 345

#	RESPONSES	DATE
1	Link to the gather.town from all the places it was mentioned.	8/6/2020 8:58 AM
2	Getting directly into Jabber remains problematic.	8/6/2020 5:01 AM
3	probably more suggestions how online meetings can be made more productive, e.g.: more polling of audience etc... This guidance IMHO still to be worked out by shmoo	8/6/2020 4:22 AM
4	No mention of the gather tool	8/6/2020 12:06 AM
5	More details on the chair actions of allowing people in queue or presenting.	8/5/2020 11:21 PM
6	I received many guides by email, containing many links, I don't know which one is important, so eventually I was resistant to open those links. I wish there could be one main link that provides all important information, including guides, user manual to meetecho, the meeting schedule, etc.	8/5/2020 10:42 PM
7	By making the chairs read them. It would be unfortunate to require that they pass examinations in order to lead sessions, but too much of the week was disrupted by chairs (and presenters) being confused about how things worked and were expected to work.	8/5/2020 4:41 PM
8	Presenters really need to test audio / slide presentation BEFORE they needed to do it live. Also, many had poor connectivity and thus poor/choppy audio.	8/5/2020 11:54 AM
9	My suggestion is more about the invite to the sessions, which included the pointer to the guides. It would have been better to include the meetecho URLs for the practice sessions in invites for easy addition to calendars.	8/5/2020 8:34 AM
10	They could be shorter, with much less text.	8/5/2020 1:58 AM
11	It is more on the "participants" side than the material itself. Having the guides available long before "would" in theory help the participants to make themselves familiar with it.	8/4/2020 11:31 PM
12	Identify the IP ranges / port ranges used by Meetecho so that participants can prioritise these packets over household background traffic.	8/4/2020 9:25 PM
13	Meetecho guide didn't mention that safari can share only the full screen. That was a surprise to at the beginning of the meeting.	8/4/2020 9:14 PM
14	no much need now since we went through it. Maybe short videos showing the meetcho screen, and where you press to which avail	8/4/2020 8:22 PM
15	Maybe a short reference of the virtual communication software would be better than a long video with low information density - I guess most of the participants have technical background and this could save time for them.	8/4/2020 8:03 PM
16	not necessary	8/4/2020 7:32 PM
17	My guide [redacted] was helpful	8/4/2020 3:39 PM
18	Give some guidance on some accidents may occur	8/4/2020 1:30 PM
19	Document new (future) features in Meetecho such as a unified button (both video and audio) to raise hand and some mode to deconflict Chat list vs Participant list (my only major annoyance).	8/4/2020 12:21 PM
20	More step-by-step instructions; troubleshooting guides that are client / OS specific. Online chat support	8/4/2020 11:51 AM
21	Be more clear about which windows one can view simultaneously or alternatively how many screens or tabs one needs to view "everything" associated with a session.	8/4/2020 11:41 AM
22	Few Presentation recorded audio was not good	8/4/2020 11:28 AM
23	They did not fully cover how to use Meetecho as a chair. Details about conducting hums, for example, were absent.	8/4/2020 10:40 AM
24	The second round of the documents were better than the first round.	8/4/2020 10:02 AM
25	I didn't need to put myself in the queue to talk, but I guess it could be a great idea to have a "automatic self-test" for trying the mic and video as a participant.	8/4/2020 9:46 AM

26	Maybe preprepared videos, so less technical problems during the sessions	8/4/2020 9:33 AM
27	Add a FAQ section or thinks that the chair can help the presenter with common issues. Permission issues for media access when people actually tried to speak was fairly common. Also better details about how to report bug, and what a bug-report should contain.	8/3/2020 8:32 PM
28	automated tools	8/1/2020 3:40 PM
29	Hyperlinked document would be better than PDF.	8/1/2020 8:08 AM
30	I guess I feel that we shouldn't need guides. None of the people who need the guides are gonna read the guides, and those of us willing to read the guides probably don't need them.	8/1/2020 8:08 AM
31	The problem is not the guides, it is the complexity of the tool and how new the tool is. If you think about Webex, Zoom, etc., the user experience has evolved and improved over a period of time with lots of use and feedback. The feature set we use from Meetecho is larger and is new and developed by a small team. All things considered, it worked very well, but you should not need a guide to help people use such a tool. It needs to be more intuitive to use.	8/1/2020 7:00 AM
32	Auth issues replated to both data tracker IDs and OpenID session requirements could have been better explained - maybe a trouble shooting login page could be provided to ensure folks know their registered tracker ID and PW - and that they get directed to test and edit their tracker profile before the meeting as part of the registration flow.	8/1/2020 6:11 AM
33	Fix the software first, and document remaining quirks	8/1/2020 5:49 AM
34	explain what is each button, what is expected for each type of participant to do ...	8/1/2020 5:27 AM
35	Please have separate guides for each role - e.g. a role specific detailed youtube video. Also, cover OS and browser specific considerations. Share this all well before the IETF week. Send specific emails/reminders with them to all lists/WGs.	8/1/2020 4:51 AM
36	Doesn't describe differences between different browsers and OS versions.	8/1/2020 4:46 AM
37	Iteratively.	8/1/2020 4:28 AM

Q17 What was the main reason why you did not read any of the chair/presenter/participant guides?

Answered: 104 Skipped: 278

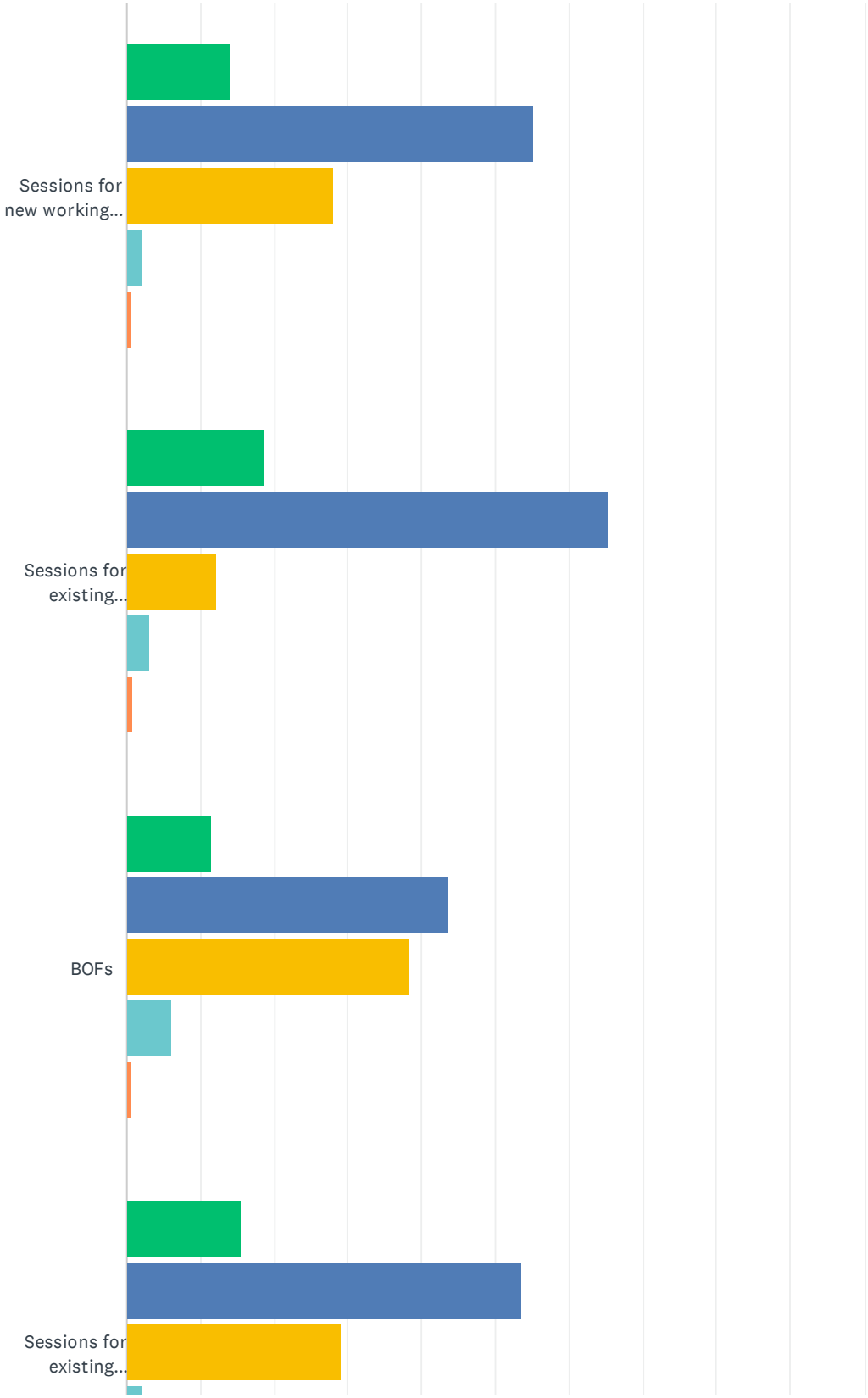


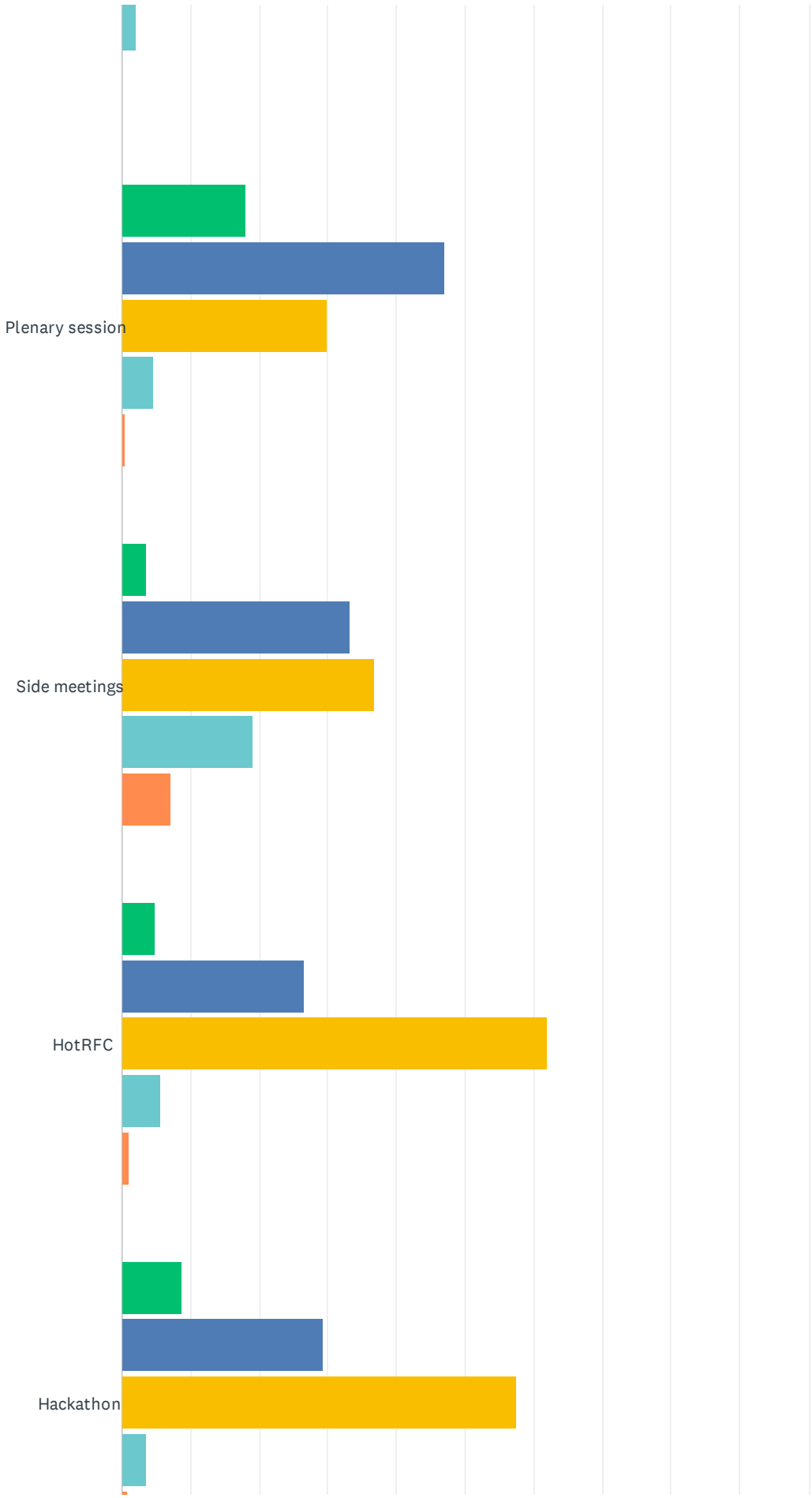
ANSWER CHOICES	RESPONSES	
Not aware of these guides	24.04%	25
Too busy	20.19%	21
Already know the technology	22.12%	23
Only intended to participate as a watcher and not speak or present	16.35%	17
Not interested	9.62%	10
Other (please provide details)	7.69%	8
TOTAL		104

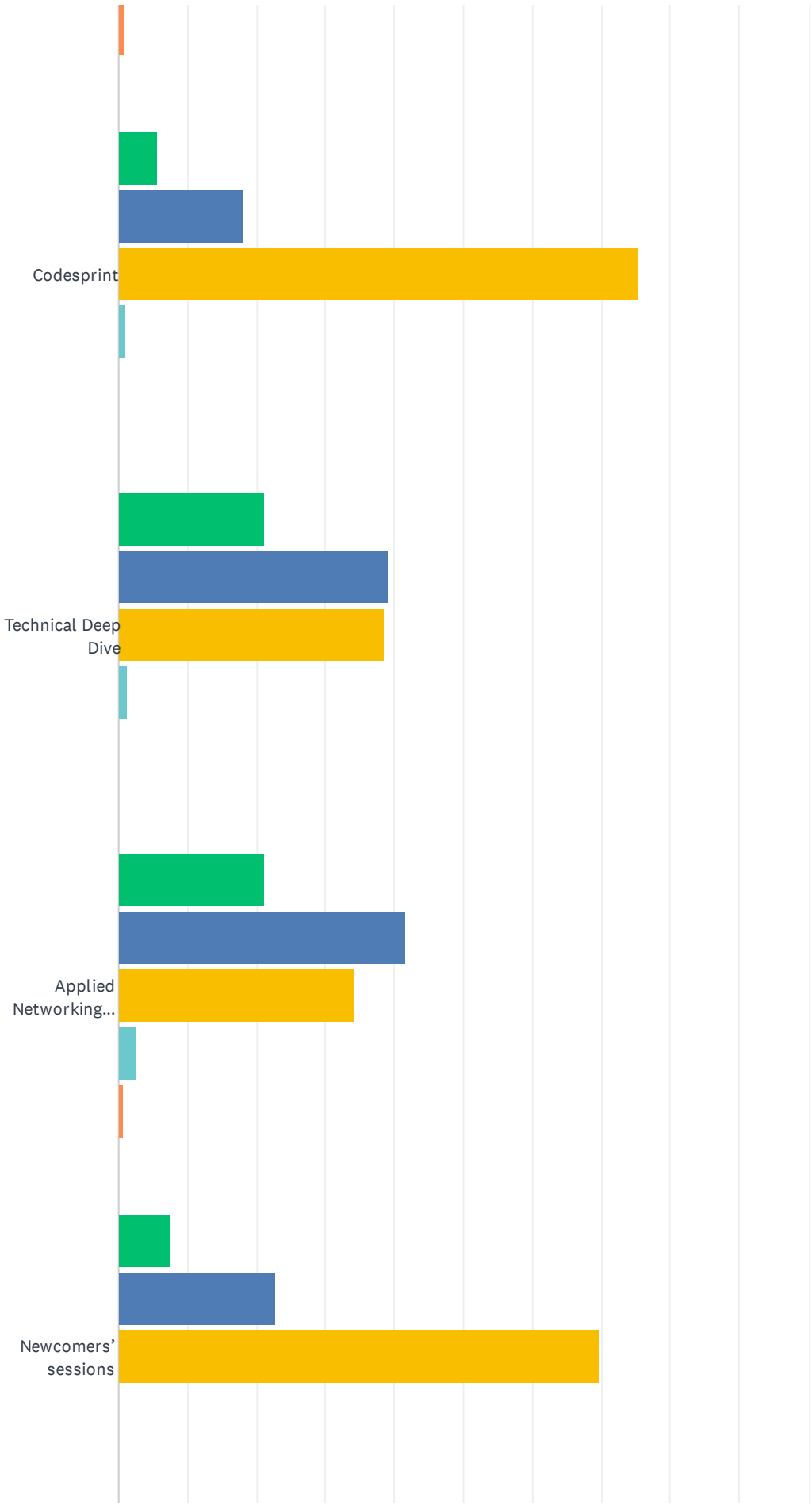
#	OTHER (PLEASE PROVIDE DETAILS)	DATE
1	Much of the above (not aware, too busy, didn't realize meetecho was changing as much as it did)	8/7/2020 4:59 AM
2	which part of laziness did you not understand?	8/6/2020 11:29 AM
3	I already do a lot of video conferencing, and thought the tools would be standard	8/6/2020 4:02 AM
4	Intended to but never got around to it.	8/5/2020 1:48 AM
5	The tool was easy and the testing session useful	8/3/2020 4:16 AM
6	assumed I could sort out the tech in a short time	8/1/2020 7:13 AM
7	Thought I already knew it all	8/1/2020 5:34 AM
8	I read parts of it but not all - enough to get the just of it. Then the training session itself took care of most of it.	8/1/2020 5:00 AM

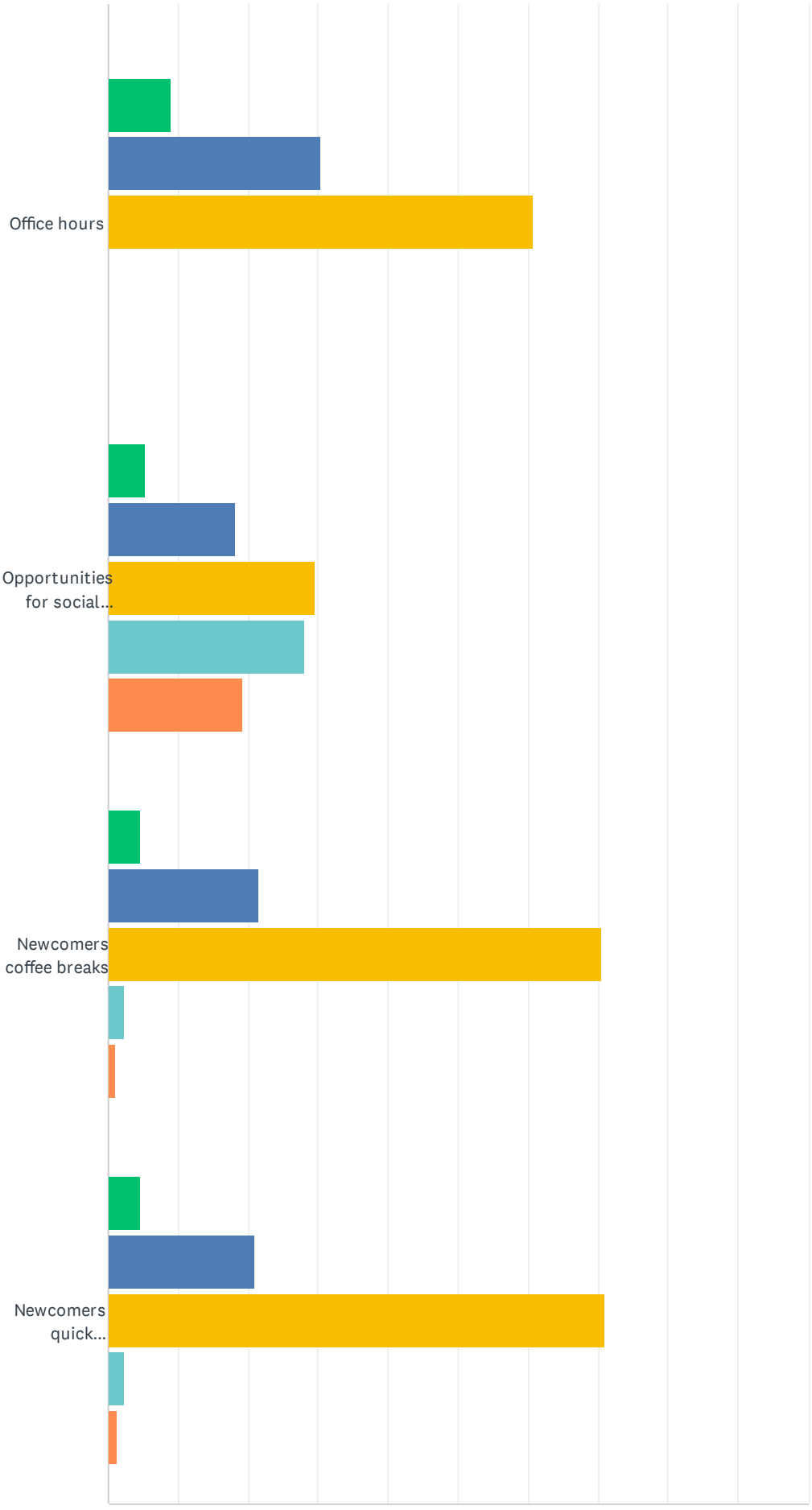
Q18 How satisfied were you with each of the following parts of the IETF 108 meeting agenda? (skip any lines you don't know about)

Answered: 339 Skipped: 43




Plenary session
Side meetings
HotRFC
Hackathon


Codesprint
Technical Deep Dive
Applied Networking...
Newcomers' sessions


Office hours
Opportunities for social...
Newcomers coffee breaks
Newcomers quick...

	VERY SATISFIED	SATISFIED	NEITHER SATISFIED NOR DISSATISFIED	DISSATISFIED	VERY DISSATISFIED	TOTAL	WEIGHTED AVERAGE
Sessions for new working groups	14.05% 26	55.14% 102	28.11% 52	2.16% 4	0.54% 1	185	2.20
Sessions for existing working groups	18.63% 60	65.22% 210	12.11% 39	3.11% 10	0.93% 3	322	2.02
BOFs	11.48% 21	43.72% 80	38.25% 70	6.01% 11	0.55% 1	183	2.40
Sessions for existing research groups	15.50% 31	53.50% 107	29.00% 58	2.00% 4	0.00% 0	200	2.17
Plenary session	17.95% 42	47.01% 110	29.91% 70	4.70% 11	0.43% 1	234	2.23
Side meetings	3.57% 6	33.33% 56	36.90% 62	19.05% 32	7.14% 12	168	2.93
HotRFC	4.76% 5	26.67% 28	61.90% 65	5.71% 6	0.95% 1	105	2.71
Hackathon	8.85% 10	29.20% 33	57.52% 65	3.54% 4	0.88% 1	113	2.58
Codesprint	5.62% 5	17.98% 16	75.28% 67	1.12% 1	0.00% 0	89	2.72
Technical Deep Dive	21.15% 33	39.10% 61	38.46% 60	1.28% 2	0.00% 0	156	2.20
Applied Networking Research Workshop (ANRW)	21.12% 34	41.61% 67	34.16% 55	2.48% 4	0.62% 1	161	2.20
Newcomers' sessions	7.61% 7	22.83% 21	69.57% 64	0.00% 0	0.00% 0	92	2.62
Office hours	9.09% 9	30.30% 30	60.61% 60	0.00% 0	0.00% 0	99	2.52
Opportunities for social interaction	5.14% 11	18.22% 39	29.44% 63	28.04% 60	19.16% 41	214	3.38
Newcomers coffee breaks	4.55% 4	21.59% 19	70.45% 62	2.27% 2	1.14% 1	88	2.74
Newcomers quick connections	4.65% 4	20.93% 18	70.93% 61	2.33% 2	1.16% 1	86	2.74

Q19 If you answered "Dissatisfied" or "Very dissatisfied" for any of the above parts of the agenda, then please explain why:

Answered: 106 Skipped: 276

#	RESPONSES	DATE
1	It is hard to start new and informal communication in the online setting.	8/10/2020 7:29 PM
2	It was difficult to participate in activities outside the meetings due to other commitments and time zone	8/8/2020 10:03 AM
3	I didn't manage to make the mingling and casual side conversations work well.	8/8/2020 8:46 AM
4	I was not aware of side meeting sessions nor gathering spaces nor any virtual social channels. Anyways, virtual can not really replace meeting face2face interactions.	8/8/2020 8:32 AM
5	Lack of scheduled "social" times. Having a general social event time on gather.town would have been nice. As it was, I didn't do any socialization as it was hard to schedule in with my personal/work life without a dedicated time slot for it. ANRW conflicted with too many working group sessions. When all-virtual it might be better to hold it separately. IEPG was cancelled with very little notice.	8/7/2020 5:02 AM
6	There were too much overlap with interesting meetings where I would have liked to participate.	8/7/2020 3:53 AM
7	For me, social interaction does not work out virtually.	8/6/2020 6:23 PM
8	lack of overlapping time allocation for social interaction and off-record discussions with other IETF attendees made for a limiting social environment.	8/6/2020 6:11 PM
9	This is likely down to chairing, but very little progress was made in a great many of the groups.	8/6/2020 2:33 PM
10	Tried the "gather", but only managed to speak to a couple people I already knew.	8/6/2020 1:29 PM
11	I do not want to play minecraft or runescape to socialize	8/6/2020 11:30 AM
12	Missed hallway interactions -- would love a way to recreate those somehow.	8/6/2020 11:11 AM
13	We need to write down some social rules for gather.town so 1) more people join and 2) folks feel comfortable walking up to other people who are interested in random conversations. We ran out of discussion time in at least 2 of the 50-minute sessions.	8/6/2020 9:10 AM
14	The side meetings were all scheduled. Most side meetings I’m involved with face to face are impromptu in the hallway.	8/6/2020 8:52 AM
15	gather.town is an interesting idea, but the interactions are painfully awkward, as it's impossible to know when it's okay to drop in on an ongoing conversation, or to overhear the general topic of conversations that are going on. There are several experiments with virtual spaces for this kind of gathering that use attenuated audio (rather than a harsh cut-off) to get a general feel for the timbre of a conversation before approaching to join it. It's not perfect, but that kind of setup is much, much better.	8/6/2020 7:35 AM
16	gather was better than nothing, but not that nice	8/6/2020 7:26 AM
17	we still have not found a suitable substitute for hallway track. and WG's use of time could be better if we also concede that many things we don't do in WG will get settled in hallway track.	8/6/2020 5:08 AM
18	HotRFC invitation to submit was easily found but approved submissions were not. ANRW delayed the start of the workshop but not correspondingly the registration deadline so rejected my attempt both automatically via the web site & manually via a curt human-written email.	8/6/2020 5:08 AM
19	One of the main vehicles for social interaction was Gather.Town. It failed to work reliably for me. At most it worked (I heard and interacted with 2 other people in a planned gathering) for a few seconds. Beyond that I saw them, kept my avatar in between them within our room and nothing worked. Had to revert to webex for social interaction (luckily we also had a webex room).	8/6/2020 4:59 AM
20	The ability to have quick side meetings needs to be improved.	8/6/2020 4:50 AM
21	Presentation of videos did not work on ipad	8/6/2020 4:42 AM
22	All neither satisfied nor dissatisfied above should have been N/A (i didn't attend those). Social interaction could be improved by providing >= 30 minutes pre/past meeting slots for example.	8/6/2020 4:32 AM
23	Gather.town was not very well attended and while Slack was allowing some interaction the whole socialization around IETF was lost.	8/6/2020 4:00 AM

24	The opportunistic real-life interactions were of course missing during the virtual meeting. I haven't found a good substitute.	8/6/2020 2:56 AM
25	Social interaction was hard; gather.town was cool, but felt disjoint from the meetings, and it was hard to get people across time zones to show up.	8/6/2020 2:41 AM
26	Gather.Town was actually quite nice, and a much better attempt at trying to create opportunities for serendipity than I expected, but it's still not in person.	8/6/2020 1:31 AM
27	As side meetings did not use Meetecho, some meetings used tools not usable from all platforms.	8/6/2020 1:30 AM
28	We need a better metatphore for the out of the room meetings. Also in a real meeting you can talk to others in the room before and in particualrly after the session (it is common to talk tothe chairs and other contributors). I would have liked HotRFC to have run like ANRW rather than be distributed as it was,	8/6/2020 1:25 AM
29	Social interaction, connection, discussion, introduction, etc. is more efficient via physical meeting.	8/6/2020 12:32 AM
30	Scarce relevance to the overall activity. Expecting more information on future directions, technical vision, etc.	8/6/2020 12:18 AM
31	The big value of in-person meetings are the side meetings and the opportunities for social interaction. There is not much that can be done with the remote format for these items, so it's not the fault of the IETF but a natural result of the format.	8/6/2020 12:12 AM
32	I paid my one-day attendance fee to attend the dnsop sessions. I was not able to make audio or video work with meetecho. I was hence not able to attend at all.	8/5/2020 11:20 PM
33	ietf.gather.town does not work, my browser and anti-virus software was blocked access to web-camera.	8/5/2020 11:11 PM
34	Social interaction is very limited, it is very hard to find suitable area to gather some people and start informal discussion that may later become a topic. the interaction is not "fluid", it is so "discrete".	8/5/2020 10:49 PM
35	I think the gather interactive hallway was intended to replace social interaction -- i found it ineffective	8/5/2020 10:44 PM
36	Gather.town is, from a UI design standpoint, fairly close to a disaster. For the new WGs (and, to a lesser extent, the BOFs), too little ability to bring focus to the topics. Where materials were unavailable in advance or showed signs of very hasty assembly at the last minute, that made things worse.	8/5/2020 4:50 PM
37	The virtual opportunities for social interaction were interesting, but they did not really work with all of the distractions that come with staying home. Organizers of side meetings seemed poorly prepared.	8/5/2020 8:39 AM
38	The opportunities for social interaction were almost non-existent.	8/5/2020 6:50 AM
39	NA	8/5/2020 6:41 AM
40	I miss the actual meeting	8/5/2020 2:59 AM
41	I don't think a Slack channel is the right place for social.	8/5/2020 2:00 AM
42	I did not have any interactions via the virtual town-hall, nor did I have any side-conversations with my co-authors. I didn't try very hard, but it also wasn't easy or spontaneous.	8/5/2020 12:55 AM
43	I feel uncomfortable using Gather. Yet, it generally seems to be the best tool to emulate the talks "at the coffee can".	8/5/2020 12:46 AM
44	Ad "Very dissatisfied" with "Sessions for existing working groups": Meetecho experience in dnsop was really terrible. Slides from shared screen were broken all the time, people were often speaking when muted etc. It was surprisingly bad because previous dnsop and dprive sessions (before IETF 108) worked remarkably well. Possibly the most important thing was chaos around virtual hum tool. It was totally unclear what the two options meant, there was no option for explicit "silence", unclear how if the calculation took into account all Meetecho participants in the room or just participants who explicitly decided to hum etc. Total chaos with totally unusable results.	8/4/2020 11:46 PM

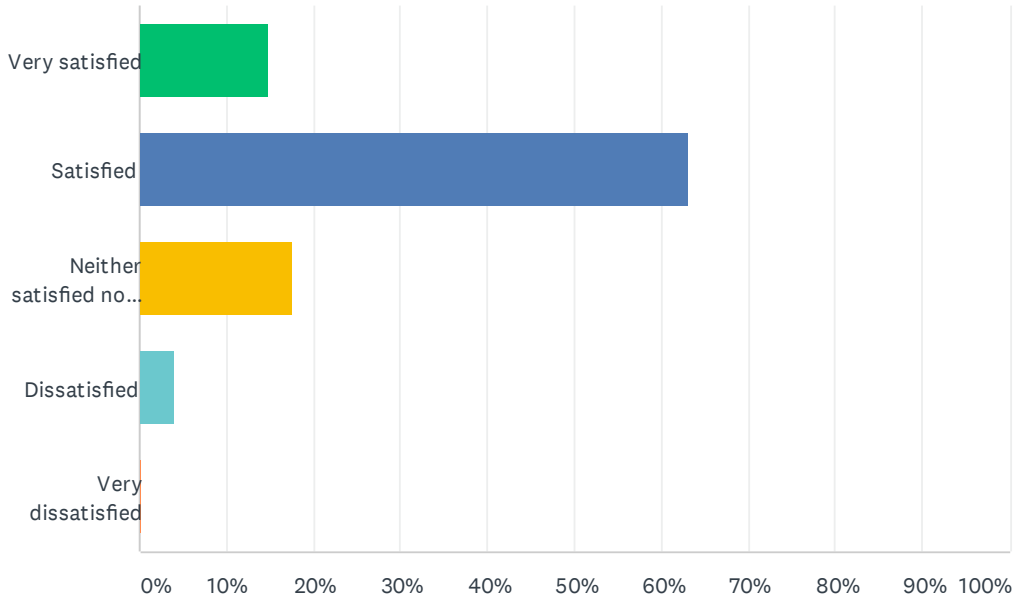
45	Physical meetings are essential for social interaction!	8/4/2020 9:59 PM
46	Online meeting is just no replacement for social interactions.	8/4/2020 9:15 PM
47	I had an OK experience with gather.town, but there wasn't enough time or enough guidance to lubricate the socialisation - time set aside for social things would help (though timezones still make it hard)	8/4/2020 8:49 PM
48	Virtual setup does not work well for things where an intensive discussion is needed	8/4/2020 8:12 PM
49	hotrfc should have been real-time event with interaction - social interaction in the slack or virtual hallway/bar didn't work for me (or people weren't just responsive) ;-(... and I missed cookies, tea, icecream ;-D	8/4/2020 7:48 PM
50	side meetings: webex is rubbish and for 1 session I couldn't get any sound (picture only!)	8/4/2020 7:47 PM
51	Gather.town is a nice tool, but you miss the opportunity to meet new people as in real life where someone we now is speeking with someone he wants to introduce to us.	8/4/2020 7:00 PM
52	I had no social interaction. Even private working meeting were difficult because everyone was in a different timezone and there was no real motivation to run that meeting during the IETF week. Any other week independent of the IETF would work equally well (even better). In term of pure social interactions: zero.	8/4/2020 6:40 PM
53	It's hard to replicate the face-to-face experience of social interaction online, so staff is not to blame for the dismal experience, obviously!	8/4/2020 6:38 PM
54	Majority of presenters did assume that everybody knows a lot about their draft. Slides did not have basic information: what? why?	8/4/2020 6:37 PM
55	I was at one side meeting that was a total waste of time. They should not have even been given webex minutes.	8/4/2020 1:30 PM
56	lack of in person is a real drawback. I didn't notice the gather.town link until too late.	8/4/2020 12:38 PM
57	gather.town wasn't well integrated into the rest of the meeting. It worked fine if you ran into people you knew, but it was sparse and the navigation while cute often seemed like a waste of time wandering around to see who was where	8/4/2020 12:15 PM
58	It is difficult to replace hallway meetings / conversations using virtual technology. Time zone irregularities are still an issue unless physically co-located.	8/4/2020 11:55 AM
59	It is always hard to find the full schedule of all the meetings, e.g., HotRFC (could not find it in the schedule, BoFs, pick-up sessions, etc).	8/4/2020 11:55 AM
60	Gather.Town is a neat idea, but not a substitute for actual serendipitous encounters.	8/4/2020 11:40 AM
61	NA	8/4/2020 11:30 AM
62	The gather town interface was cute, but as an experience it was difficult to figure out how to make it useful.	8/4/2020 11:17 AM
63	Only because it’s virtual	8/4/2020 10:14 AM
64	I was not really satisfied with the side meeting experience but that had nothing to do with the tool set and everything to do with the people that I wanted to have meetings with.	8/4/2020 10:07 AM
65	Gather seemed like it would be useful for discussions, but I mostly found people who where present didn't have video enabled. There was probably also an issue of me being 8 hours distant from the time of the conference.	8/4/2020 9:50 AM
66	most of the sessions waited the first 15 minutes on fumbles with the conferencing tool. Interaction was stilted and poor, and it was neither a good presentation of material not a useful group discussion of the material.	8/4/2020 9:49 AM
67	While gather.town is a nice idea, I had trouble making it effective. I think the basic problem is that when I have a slot with no session, being at home I simply do something else.	8/4/2020 9:44 AM
68	Face-to-face is required for social interaction	8/4/2020 9:40 AM
69	Gather.town rarely had people I wanted to talk to present; no other opportunities availalable.	8/4/2020 9:38 AM

70	I was in LSR and we found 100 minutes to be very constraining. Please allow us more time. Multiple sessions or longer sessions could be made to work. 100 minutes is NOT enough.	8/4/2020 9:38 AM
71	It's just dramatically less effective to try to do this remotely.	8/4/2020 6:54 AM
72	There just aren't going to be real opportunities for social interaction until we are back together, I suspect.	8/4/2020 12:38 AM
73	Most of the sessions were almost entirely made of presentations, but while in a physical meeting you can grab presenters and participants after the session and have a discussion, here that was it. Also in at least a couple of groups we were short of time, we would have needed an additional session or side meeting but there was no way to do it. Finally, the most delicate issues did not progress much because there was no chance to have a beer together and discuss them in an informal setting.	8/3/2020 9:31 PM
74	Gather.town was a reasonably working tool for social interactions. However, it takes to long time to get into it. In a 20 minutes break you spend 10 minutes for toilet, refilling tea cup etc, then the point of getting into gather.town was to short, especially as I had issues with video camera settings under Chrome. It worked better in wandering after the meeting. However, for that the time zones was a bit tricky.	8/3/2020 8:36 PM
75	Technical Deep Dive was very interesting and helpful. What about Codesprint - I participated in it and it's always a great experience.	8/3/2020 7:47 PM
76	Out of session hallway / bar / restaurant interaction opportunities nil.	8/2/2020 10:34 PM
77	It was very difficult to get people into side meetings, and while gather.town is sort of cool, I didn't see any useful interaction happen there. Mostly it was a replacement for the social: catching up with old friends.	8/2/2020 8:58 AM
78	Remote meetings are no substitute for personal interaction. Also 4h of total session time per day and shorter slots are making the meetings more hurried and tend to reduce discussion time, which is the main justification for a meeting.	8/2/2020 1:51 AM
79	Humm were not clear, chairs and participants were not prepared, HotRFC slack didn't work, ANRW videos playing was not great! Also more speakers should be asked to have video share to increase some social interactions, we in IETF don't seem to value that as much!	8/1/2020 3:45 PM
80	Much less social interaction than usual conversations in hallways, at breaks and at social event.	8/1/2020 8:09 AM
81	As a remote event, hackathon didn't have any of the energy it usually does. I think gather.town would have been a vastly superior venue for hosting this than meetecho.	8/1/2020 7:44 AM
82	Social interaction just can't approach what we need from a meeting. Conference calls can get work done, but the real social aspects are minimal.	8/1/2020 7:22 AM
83	agenda timing was off in too many cases. That's a problem f2f, also, but it seems like we should have more tools for working it out there. Likewise, too many agenda conflicts, given the greater chances to sort things out.	8/1/2020 7:16 AM
84	Due to time zones and I was already struggling to attend all the sessions and did not have time to experiment much with social interaction. I needed to use any breaks to attend to other things, like prepare and eat some food and grab something to drink.	8/1/2020 7:08 AM
85	It's really hard to join social and ad hoc sessions when you are completely exhausted from having to switch to a time zone that doesn't match the local day. I found this _much_ harder than traveling to a different time zone. Apparently I am very synchronized to the local solar day.	8/1/2020 7:02 AM
86	Gather was less than adequate	8/1/2020 7:00 AM
87	side note: I missed a column N/A so I was forced to say Neither satisfied/unsatisfied/ social interaction was dissatisfying but i dont think IETF can do anything about that	8/1/2020 6:28 AM
88	There was not really an opportunity for social interaction. Most at IETF is busy people, so when IETF is remote, people do not generally dedicate extra time for socializing outside of the core WG meetings (I do not; other I observed did not either). So there were few/none spontaneous encounters.	8/1/2020 6:26 AM

89	Gather.town is a fail - I understand the impluse but this is not the right thing. A Jitsi server with a meet point and pop up conversation rooms might be better - you lose the random wandering thing but gain on the meaningful connection thing.	8/1/2020 6:14 AM
90	It's just nowhere near as good as f2f. (BTW; my "neither" answers are for things i didn't attend)	8/1/2020 6:01 AM
91	gather.town was maybe innovative, but really not a space that I would visit. Why can't I see the faces of people? Why is the space so incredibly confusing? In a physical IETF, I can see people, see what state they are in, and get cues whether it is appropriate to chat them up.	8/1/2020 5:53 AM
92	Hackathon being virtual should be planned better as people are in different timezones	8/1/2020 5:53 AM
93	The side meetings used WebEx, which is really quite bad for large sessions like this.	8/1/2020 5:38 AM
94	There wasn't any way to easily coordinate side meetings.	8/1/2020 5:35 AM
95	Social interaction was unavoidably limited, as we weren't in the same locale.	8/1/2020 5:28 AM
96	You had a great tool in Gather.Town but a bad advertisment - Very bad. That IMHO lead to a weak attendance there.	8/1/2020 5:09 AM
97	Simply cannot replace an in-person experience. I am not sure if it is something possible to achieve.	8/1/2020 4:54 AM
98	Sessions too short.	8/1/2020 4:48 AM
99	The plenary was very hard to hear and I got kicked off multiple times and had to reconnect. I don't think meetecho did well with the 400+ participants who were connected	8/1/2020 4:37 AM
100	Gather.town was not a replacement for side meetings or social interaction in any appreciable measure for me.	8/1/2020 4:37 AM
101	May be my fault but I did not see any list of side meetings.	8/1/2020 4:31 AM
102	the only provisioned side-meeting space seemed to be through gather.town, which was not well advertised, and had some hiccups with larger participant sizes.	8/1/2020 4:30 AM
103	Despite attempts at tooling, most of what was done in tele-meetings could have been done on the mailing lists; the remainder were not adequately handled by the online tools. Most negative was just how much more meeting fatigue doing online versus in-person meetings I experienced. By the time the daily agenda was half or so done I was already lagging in paying attention. Things need to be spread over more days if online with no more than 3 hours or so per day.	8/1/2020 4:28 AM
104	We ([redacted]) scheduled the newcomer's seminar too far ahead of the IETF, our mistake. I didn't use gather.town much.	8/1/2020 4:26 AM
105	meetecho performed poorly, either for me or for other people I wanted to hear from. part of this lies in the choice of meetecho and part of it is just unavoidable virtually.	8/1/2020 4:26 AM
106	Nothing compares to an in person meeting.	8/1/2020 4:24 AM

Q20 How satisfied were you with the whole agenda of the IETF 108 meeting?

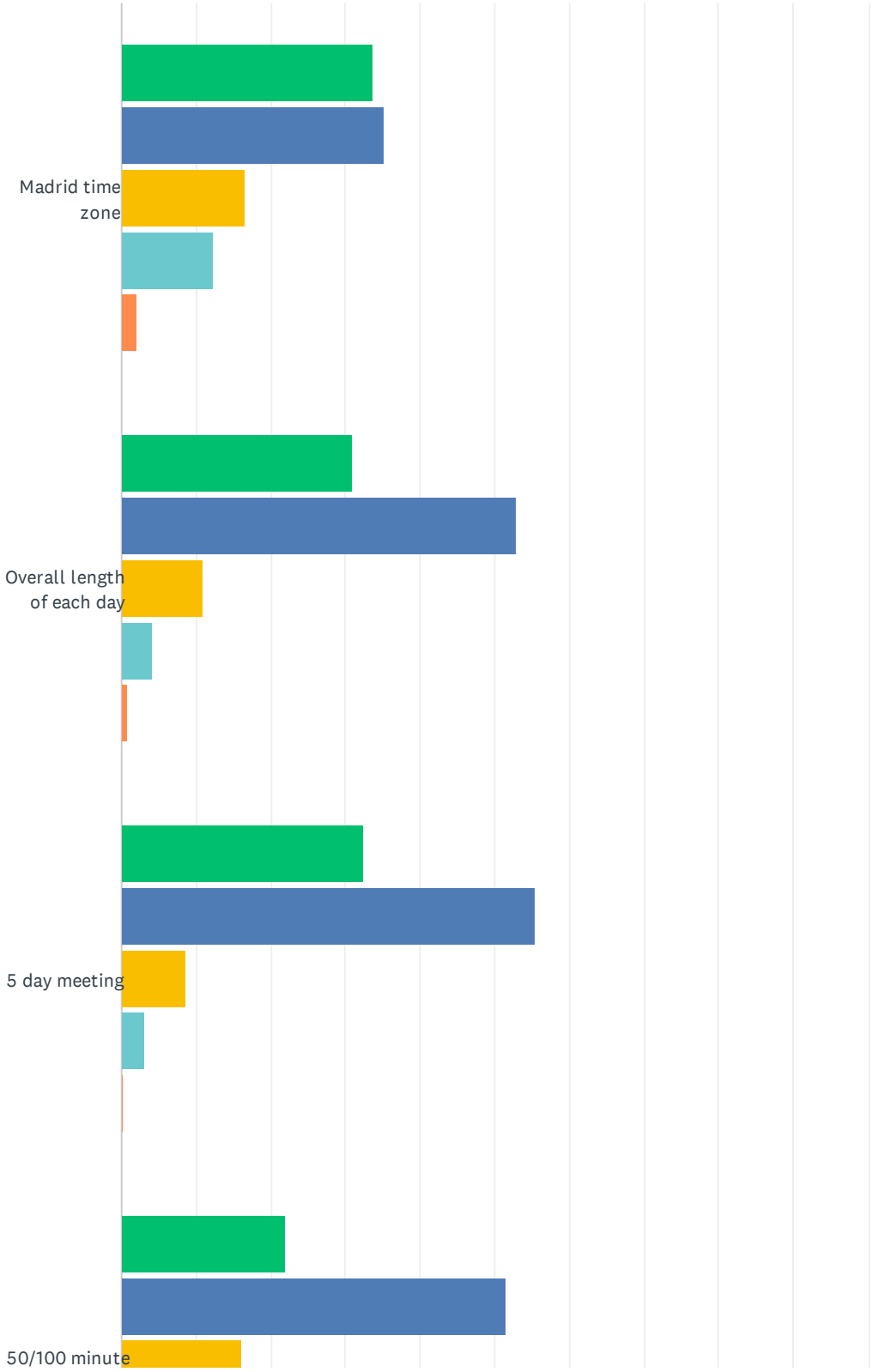
Answered: 335 Skipped: 47

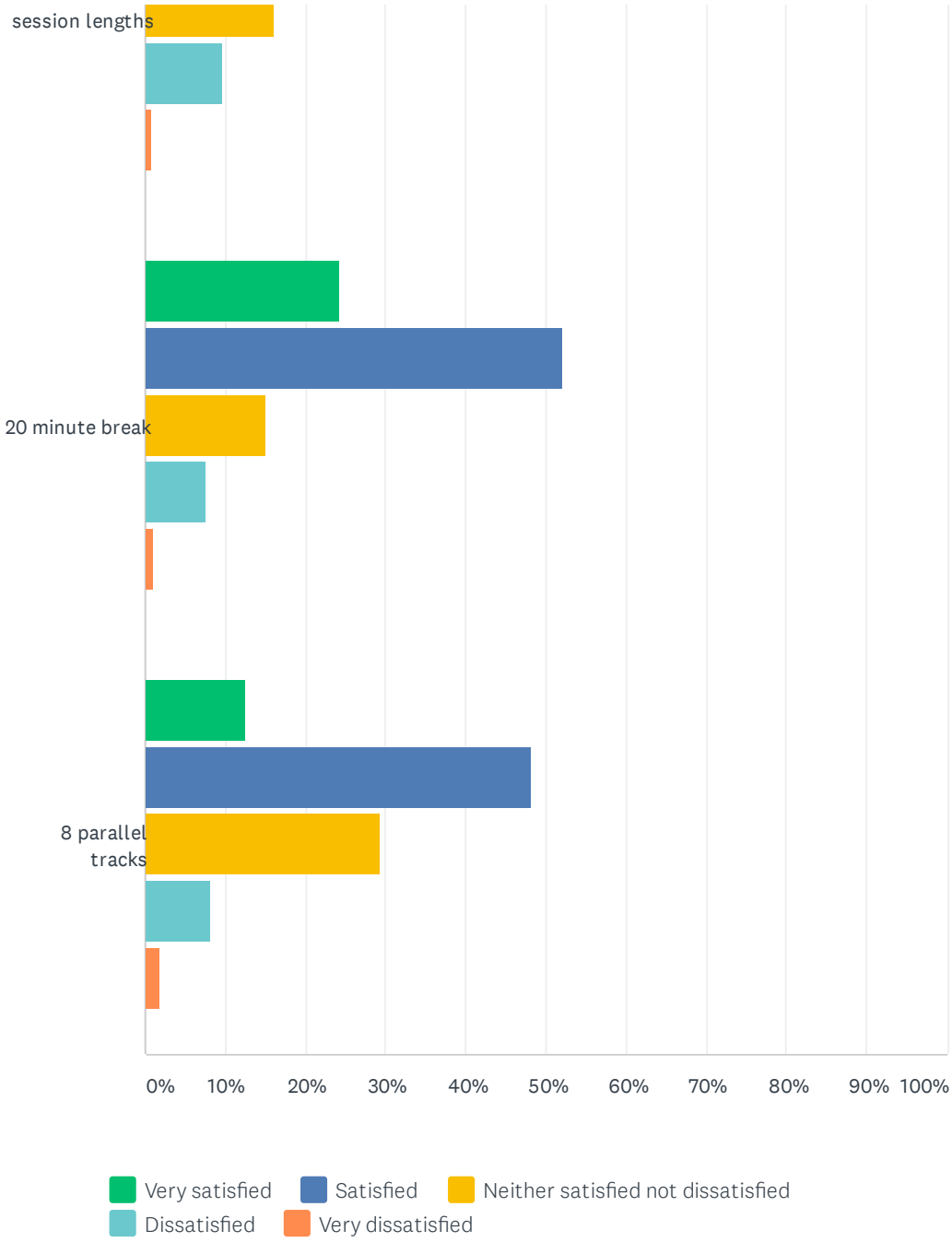


ANSWER CHOICES	RESPONSES	
Very satisfied	14.93%	50
Satisfied	63.28%	212
Neither satisfied nor dissatisfied	17.61%	59
Dissatisfied	3.88%	13
Very dissatisfied	0.30%	1
TOTAL		335

Q21 How satisfied were you with each of the following elements of the structure of the IETF 108 meeting? (skip any lines you don't know about)

Answered: 338 Skipped: 44

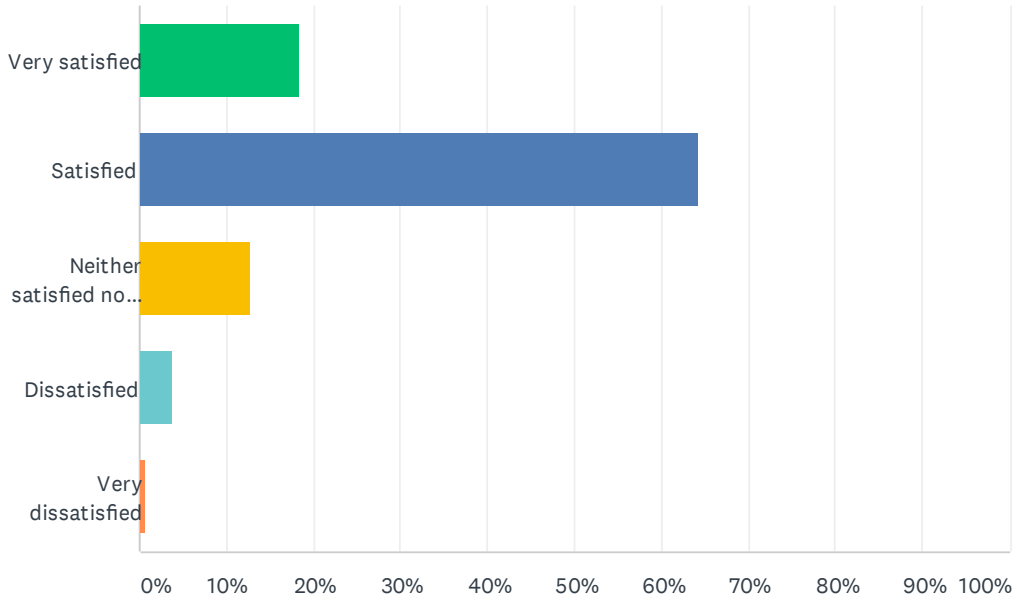



session lengths
20 minute break
8 parallel tracks
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Very satisfied
Satisfied
Neither satisfied not dissatisfied
Dissatisfied
Very dissatisfied

	VERY SATISFIED	SATISFIED	NEITHER SATISFIED NOT DISSATISFIED	DISSATISFIED	VERY DISSATISFIED	TOTAL
Madrid time zone	33.73% 112	35.24% 117	16.57% 55	12.35% 41	2.11% 7	332
Overall length of each day	31.00% 102	52.89% 174	10.94% 36	4.26% 14	0.91% 3	329
5 day meeting	32.52% 106	55.52% 181	8.59% 28	3.07% 10	0.31% 1	326
50/100 minute session lengths	21.91% 71	51.54% 167	16.05% 52	9.57% 31	0.93% 3	324
20 minute break	24.29% 77	52.05% 165	15.14% 48	7.57% 24	0.95% 3	317
8 parallel tracks	12.58% 39	48.06% 149	29.35% 91	8.06% 25	1.94% 6	310

Q22 How satisfied were you with the whole structure of the IETF 108 meeting?

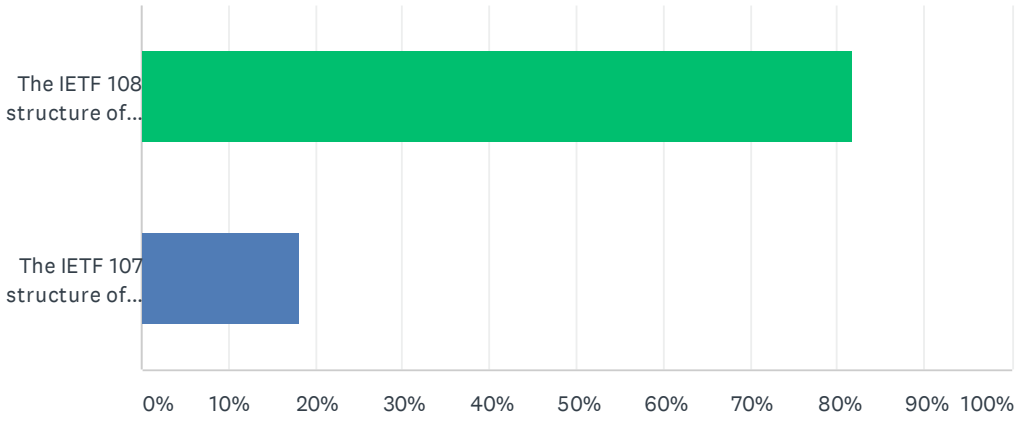
Answered: 342 Skipped: 40



ANSWER CHOICES	RESPONSES	
Very satisfied	18.42%	63
Satisfied	64.33%	220
Neither satisfied nor dissatisfied	12.87%	44
Dissatisfied	3.80%	13
Very dissatisfied	0.58%	2
TOTAL		342

Q23 IETF 108 had a full agenda of sessions whereas the previous IETF 107 had a slim agenda with multiple interims in the weeks after - which of these two meeting structures do you prefer?

Answered: 331 Skipped: 51



ANSWER CHOICES	RESPONSES	
The IETF 108 structure of one full meeting	81.87%	271
The IETF 107 structure of a slim meeting followed by multiple interims in the weeks after	18.13%	60
TOTAL		331

Q24 Is there anything else you would like to say about the meeting agenda or structure?

Answered: 93 Skipped: 289

#	RESPONSES	DATE
1	The online meeting was very productive for finishing things and getting things done, but very unproductive to start new work and collaborations and read between the lines.	8/10/2020 7:29 PM
2	50 minute time slots were awkward. Difficult to plan with	8/8/2020 10:03 AM
3	I couldn't clear my calendar enough for this meeting, but would try harder in the future.	8/8/2020 8:46 AM
4	It was hard to get all the work done we needed to in 100m in LSR WG. We usually utilize 1 long and 1 shorter session. We are a combined WG from 2 previous WGs (OSPF and IS-IS) so we actually do need this extra time.	8/8/2020 4:09 AM
5	Keeping track of the interims is tough. Having it all in one week makes it easier to say "I'm at a conference this week" whereas working interims into my personal and work schedule is hard.	8/7/2020 5:02 AM
6	Quite a lot of meetings found out that the session time allocated for them were too short. Some of this is because it seems to be slower to do things on virtual meeting than in face to face. I.e., managing question queue, waiting for the person asking the question to get the mic etc working, getting the question asked, waiting for the person answering to the question get back to queue, accept him to respond and perhaps even have few comments between the two. All this took more time than what it does when those two person stand behind the same (or different) mics in the room.	8/7/2020 3:53 AM
7	Would like to see more time in the agenda for breaks or social time.	8/7/2020 3:34 AM
8	meetings felt more rushed than in person	8/6/2020 6:11 PM
9	5 days x 5 hours is brutal, especially when it is at an awkward hour. Having a meeting as a forcing function seems to be necessary to make progress in some parts of the IETF, but maybe we should recognize that those parts are not the parts that need forced progress and live with interim meetings until we can meet in person again.	8/6/2020 2:33 PM
10	keep on pruning.	8/6/2020 11:30 AM
11	The Madrid time zone was bad for me (U.S. west coast), but I strongly approve of rotating which regions get the bad time zone. The guide should recommend "traveling" to the target timezone and declining other meetings, rather than treating the IETF meetings as just a bunch of new awkward meetings.	8/6/2020 9:10 AM
12	All the meetings I was in felt rushed. Longer slots are definitely warranted.	8/6/2020 7:35 AM
13	50 / 100 minute sessions were too short. HRPC conflicting with TLS and MLS with GAIA were particularly painful conflicts.	8/6/2020 7:13 AM
14	Can't we find a middle ground on question 19?	8/6/2020 5:08 AM
15	It's hard to be remote on a non-local timezone for an entire week.	8/6/2020 4:59 AM
16	I have hard time for evaluating 18. IETF108 format is probably better if we are looking at activities beyond the WG presentations like typically being able to meet on gather. One reason is also that one can dedicate more time to the IETF and spend some time to socialize. IETF107 is better if you are not in the correct time zone. It is more a set f presentations that limit the focus of participants. Typically after the presentation people go back to work again.	8/6/2020 4:48 AM
17	A key problem was the length of sessions. Working over video is slower than in person and more time is needed. Sessions should be longer - perhaps 2.5hrs	8/6/2020 4:42 AM
18	bravo, it was a great job, it is not as productive as face to face meeting, but regarding the constraints it was really great	8/6/2020 4:35 AM
19	Luxury: I have a second home in MET which i flew to for attending IETF108, this is luxury, but we need to continue to figure out what to do better about those timezones. I posted some ideas to move more IETF meeting (presentations) to asynchronuous consumption.	8/6/2020 4:32 AM
20	I'm a bit split between full/slim. On the one hand, I like the focus that the slim schedule brings. On the other hand, the full schedule was better for attending for awareness / tourism. Perhaps a hybrid model would be good, where we have BoFs/plenary in a lead-up week and a full schedule of WG meetings after?	8/6/2020 4:06 AM
21	I would prefer something in-between what we did for 107 and 108. More meetings than 107, but	8/6/2020 3:58 AM

	groups should convince ADs that meeting in a compressed week is actually important to their work. Instead of interims all clustered in the immediate weeks after, they should spread to a uniform distribution through the year.	
22	Virtual meeting made it easier to "bounce around", so the one full meeting structure was fine. Others may have too many conflicts, which would point to a slim meeting structure like 107	8/6/2020 2:30 AM
23	Not enough long slots. We need more hours in the day like we have F2F.	8/6/2020 1:25 AM
24	I certainly like the full meeting better and the meetecho application was a nice touch to the IETF way for running meetings. In person meetings is way more productive for me, but for a remote meeting IETF 108 was about as good as you could get it.	8/6/2020 12:12 AM
25	I understand that IETF 108 was the product of the COVID-19 response. It was a good attempt at the full meeting with shorter sessions. This method will work until we can meet in person.	8/5/2020 11:23 PM
26	I really have no opinions about the meeting agenda or structure. My goal was simply to attend the two scheduled meetings for dnsop. With no working audio or video, I was not able to attend.	8/5/2020 11:20 PM
27	When it is not in a convenient time zone, it is better to keep the meetings as condensed as possible.	8/5/2020 11:13 PM
28	Studies, some of them going back to the 1960s, show that, while people differ, generally ability to be effective (as presenters or participants) in a meeting declines rapidly after a couple of hours if not sooner. Back to back meetings are problematic because they blend into each other, aggravating that attention problem. Judging from personal and anecdotal experience, remote participation can be worse because there isn't the break of physically moving from one meeting to another, sitting in a different chair in a different room, etc. So those 20 minute breaks between sessions are a bare minimum and consideration should be given to making them even a bit longer.	8/5/2020 4:50 PM
29	Some overlaps made it difficult to be a SAAG/security observer for both security groups and routing groups that were trying to talk to security considerations. This has been true for non-virtual IETFs as well, so nothing really new here.	8/5/2020 11:58 AM
30	20 minute break was not enough, especially when the previous session ran over, which was often.	8/5/2020 8:39 AM
31	In US-Eastern, the time zone wasn't so bad. Doing in this in an inconvenient time zone (as many people had to do) would be terrible.	8/5/2020 2:59 AM
32	Time zone caused problems in attending the sessions I was interested	8/5/2020 2:30 AM
33	There were a lot of conflicts. I would prefer this to a longer meeting. I think finding some asynch opportunities would help.	8/5/2020 2:00 AM
34	Request Gather.town video connections to work ok IPv6. Use badges. People must show themselves, even if from a distance. This is the future of our interactions, so we must at least see each other.	8/4/2020 11:35 PM
35	I didn't attend IETF 107, so can't comment on Q.19	8/4/2020 10:32 PM
36	If all-virtual, better to spread it over two weeks with fewer parallel tracks.	8/4/2020 9:28 PM
37	It's great to have options to attend at each time so there's not so much dead time. I like the parallel structure. I think a slightly longer day would have been good (despite ending at 2am, going a bit longer with longer social breaks and staying up later would have suited me better)	8/4/2020 8:49 PM
38	missing some more photos from Madrid area ... also didn't find the host presentation (was none?)	8/4/2020 7:48 PM
39	The 20 minute breaks are at the bare minimum when meetecho auto cut-off at exactly the end time. Once there was a grace period, meetings used it and then the break was too short. In my view, the official meetings should have an automatic, hard cut-off exactly on time - if possible, there should be an automatic switch into an unofficial meeting for overspill discussions	8/4/2020 7:47 PM
40	Slightly longer breaks would be useful. By the time I had made coffee and responded to email and notes the next session was often already under way	8/4/2020 7:30 PM
41	I much prefer timeboxing the meeting in a week, or if that is problematic 2 weeks, since it	8/4/2020 7:21 PM

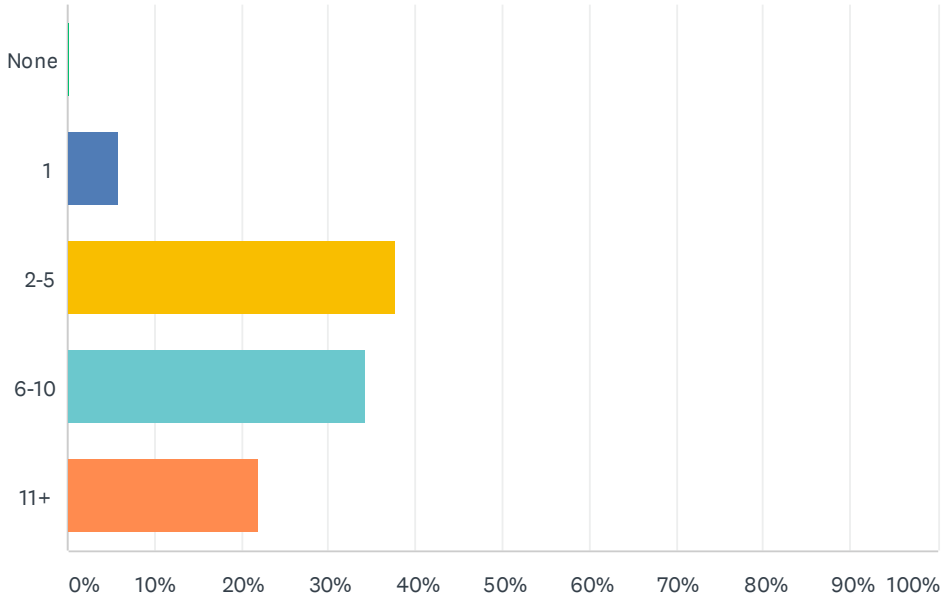
	allows me to manage my time much better. Scattering interims throughout the year causes drag on my calendar, with weeks filling up with "always some meeting". This may be a personal preference (of peak weeks vs. focus weeks).	
42	may be more parallel tracks as with meetecho it's easier to attend 2 WGs at the same time.	8/4/2020 6:40 PM
43	Given the circumstances, IETF 108 worked out very well. If there's future online-only meetings, please retain the structure!	8/4/2020 6:38 PM
44	prefer 108 structure over the stretched 107, but 108 had 'too many' collisions for me	8/4/2020 6:26 PM
45	Having one full meeting enables me to look into other WGs, which I would not do if it were seperate interim meetings. I would prefer longer days with less parallel tracks.	8/4/2020 6:00 PM
46	The problem I had really comes down to work life balance and time zones. I will probably participate in less sessions because there are just some times I just can't make it work.	8/4/2020 1:30 PM
47	WG chairs should be encouraged to be more realistic about their agendas - e.g., 8 documents is too many to talk about meaningfully, even in 100 minutes.	8/4/2020 12:25 PM
48	Might be better to select timezone based on geo so everyone gets a friendly timezone at least once a year.	8/4/2020 11:55 AM
49	Would be nice for the .ics files for each session to include, not only the slide materials and associated draft documents, but alsoauto-generate the meetecho link, the link to the notes, the link to the jabber room.	8/4/2020 11:55 AM
50	I think we could have tolerated longer days and gotten more done.	8/4/2020 11:40 AM
51	Good	8/4/2020 11:30 AM
52	Good overall, but there were multiple times that I wanted to be in two places at once.	8/4/2020 10:34 AM
53	I'd suggest the combination of IETF-107 and IETF-108 structures. WGs should be asked, encouraged to schedule their interim, especially the ones that ran out of time and had to cut off discussions, leave presentations out.	8/4/2020 10:09 AM
54	I found the fact that only three sessions a day was not conducive to a good experience. I think that of the 15 slots, there were only 4 in which I did not want to be in at least two meetings if not 3. Using the normal F2F schedule this was generally about 2-4 meetings during the entire week.	8/4/2020 10:07 AM
55	It was much better than IETF 107 and Meetecho worked quite well.	8/4/2020 9:51 AM
56	maybe these virtual meetings should just be a couple of plenaries and the working groups should head to their own interims as their only meetings	8/4/2020 9:49 AM
57	Continuous meetings are exclusionary for people who aren’t professional standards wonks.	8/4/2020 9:41 AM
58	The App you use for the conference is great with the exception of being able to break out the 'chat' to a separate window. Otherwise, it works well to manage the queue, etc... I still greatly prefer face-to-face meetings. Much of IETF work is done via email anyway, so without the face-to-face, there just isn't a chance to meet with others.	8/4/2020 9:40 AM
59	Cross area attendance is crucial, that's why a shrinked agenda plus interims like we did for 107 is not ok.	8/4/2020 9:39 AM
60	I found the 50 minute session too tight (my WG ran over by more than 10 minutes) but 100 minutes would probably have been too much...	8/4/2020 9:38 AM
61	There really is no good reason to compress all of the tracks into one 5 day sprint. Yes, it makes sense for a physical meeting, but for a virtual one, why not allow more participation? Spread things out. This will help the work.	8/4/2020 9:38 AM
62	I thought that IETF 108 was very successful, just missed having scheduled time for side meetings	8/4/2020 9:35 AM
63	I don't think it's really that viable going forward to have people remotely time shift 2x/year. It's much harder than being there in person for a variety of reasons	8/4/2020 6:54 AM
64	Breaks were too short	8/3/2020 10:39 PM

65	The 5-hour string of sessions normally became 7-hour because of side/extra sessions at the end. 7 hours of video conference without any significant break would kill anyone. Also you have to keep in mind that, differently from physical IETF weeks, in remote IETF meetings you are at home and both your family and your colleagues still require your attention. You cannot expect people to devote all their attention to the IETF in a remote setting.	8/3/2020 9:31 PM
66	I think we should have more interrim meetings and maybe slightly less meetings during the meeting week. Longer breaks to enable more social interactions.	8/3/2020 8:36 PM
67	A big THANK YOU for having organized a really good online meeting with working tools for remote participation. Although an online meeting cannot entirely replace the hallway talks and bar meetings, you did a really good job to create opportunities. Kudos!	8/3/2020 8:22 PM
68	8 parallel tracks was too many. I too often had to miss sessions. I think we could handle another session per day to avoid that.	8/2/2020 8:58 AM
69	I think online meetings take more time, not less. There's a lot of time spent on mic muted/can't send video/who's in the queue/... issues that just don't exist in person. Even though the compressed timeline (5 hours per day) was nice, every session felt too rush for there to be questions and the usual back-and-forth.	8/2/2020 8:31 AM
70	IETF107 was much more difficult to handle (and frankly not working well from a company standpoint), 108 gives more of a meeting feeling and got more work done. But I found slots to be short	8/2/2020 1:51 AM
71	So many conflicts! Could probably have squeezed another hour into each day.	8/1/2020 8:41 PM
72	I felt like the day could have been longer. One more session per day.	8/1/2020 3:27 PM
73	I think this meeting worked out much better than the last one, but of course there was much more time to prepare. I also much prefer Meetecho over Webex.	8/1/2020 10:34 AM
74	I am not satisfied with either 107 or 108 structure. I would like something in between.	8/1/2020 8:10 AM
75	It might work better to have a more slim meeting, focused on the presentations - to get the cross-area feedback - with fewer agenda conflicts. Save working things out for later.	8/1/2020 7:16 AM
76	There are really good reasons we come together 3 times a year. One is for focused time together, and the other is for the face to face interaction. IETF 107 did not do a good job of either. IETF 108 did a good job of the focused time together. The focused time as not nearly productive as being physically together, but it was still useful. The face to face interaction, breakfast meetings, time as the bar, etc. is simply not possible with virtual meetings. We need to get back to in person when we can.	8/1/2020 7:08 AM
77	I prefer the 107 approach if we have to be virtual. But don't put the multiple interims in a few weeks immediately after--spread them out over all the weeks until the next IETF.	8/1/2020 7:02 AM
78	A seven hour schedule with 4 sessions and adequate breaks might accommodate better WG schedules	8/1/2020 7:00 AM
79	Do not schedule things in "breaks". You cannot combine a break with remaining at your laptop. Also increase the break time a little, to give more time away from laptop.	8/1/2020 6:28 AM
80	Agenda and structure was about as good as it could be for a remote meeting. Still sucks compared to face-2-face, but not much to do about that now.	8/1/2020 6:10 AM
81	I liked 5 hour days. I could probably tolerate slightly longer days, but overall I am quite happy about that.	8/1/2020 6:08 AM
82	107 also wasn't great TBH, maybe try another setup next time rather than repeat either	8/1/2020 6:01 AM
83	The 50 min slots are too short; 60 or 70 would have fit most of the short meetings better. 100 is mostly fine.	8/1/2020 5:53 AM
84	Plenary introductions wasted too much time and were unnecessary, given that all had a picture and name. IESG and IAB should participate more in discussable items (understanding that you need to balance not appearing to take over the discussion).	8/1/2020 5:38 AM
85	I attended the SHMOO meeting and I got the feeling that some people would prefer the virtual IETF being stretched over multiple weeks rather than one week - I personally believe this will destroy the IETF as it is currently - The arguments from my point of view were silly - sorry. A	8/1/2020 5:09 AM

	block conference as it is currently allows to block off a week and focus only on that. Otherwise we can immediately table the IETF, stay with email and just do Interims - which are good and necessary tools but they should not replace the week meeting. Also again Gather.Town or any other similar platform. Make it known to people. Not only hidden on the website somewhere. Promote it at the beginning and end of the sessions. "Hey we have a 20 minute break, get a coffee and meet me at Gather.Town" Something like that.	
86	By luck was evening my timezone (EET) so could participate after “work hours”.	8/1/2020 4:54 AM
87	Length of day and number/length of sessions was a good balance	8/1/2020 4:48 AM
88	If we don't allow all w.g. to meet, then it isn't an IETF meeting and there is no point having a meeting at all.	8/1/2020 4:48 AM
89	I'm not sure how this can be classified as a Madrid time zone - it started at 1300 Madrid time. It was somewhat painful for me to start my day at 4 a.m. PDT, but I realize there's no escaping the pain for some regardless of the artificial time zone.	8/1/2020 4:37 AM
90	My negative ratings are likely not easily addressable - the entire experience of IETF is hobbled by the COVID-19 quarantining and thee's not much you can do about it, so don't take this as criticism of the leadership.	8/1/2020 4:28 AM
91	this set a record for me with conflicts -- at one point i had three i wanted to attend. interesting, probably not notable except maybe 5 hours vs 8	8/1/2020 4:26 AM
92	I didn't get the impression that the agenda or structure were adversely affected by the meeting format.	8/1/2020 4:20 AM
93	I would have liked it if the first break were 30 minutes, to allow me time to eat between sessions.	8/1/2020 4:18 AM

Q25 How many sessions did you participate in during the meeting?

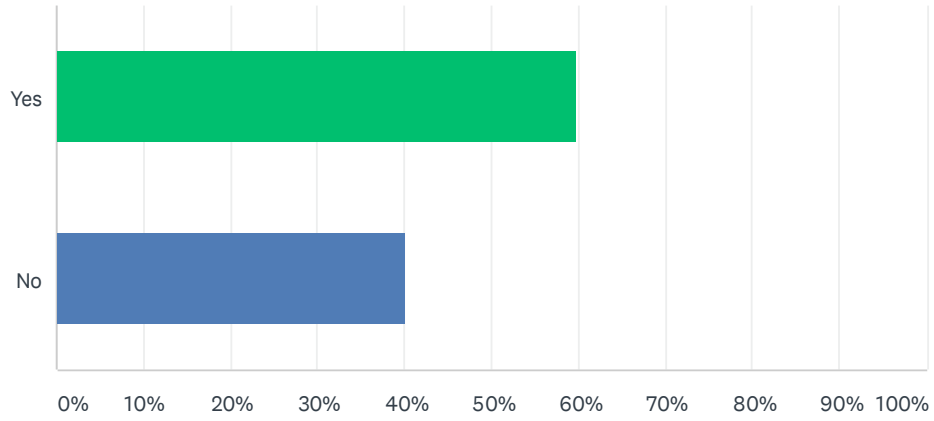
Answered: 343 Skipped: 39



ANSWER CHOICES	RESPONSES	
None	0.29%	1
1	5.83%	20
2-5	37.61%	129
6-10	34.40%	118
11+	21.87%	75
TOTAL		343

Q26 Did you find that sessions you wanted to participate in were scheduled in the same time slot?

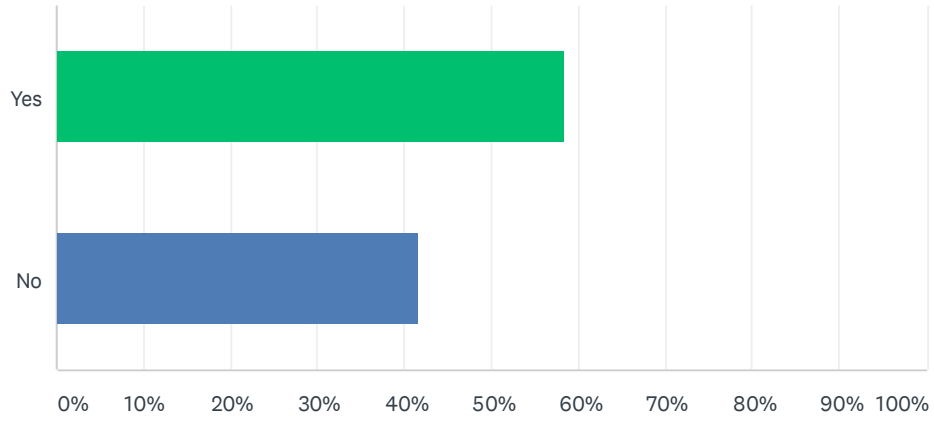
Answered: 343 Skipped: 39



ANSWER CHOICES	RESPONSES	
Yes	59.77%	205
No	40.23%	138
TOTAL		343

Q27 Did any of the sessions you participated in run out of time to complete their meeting?

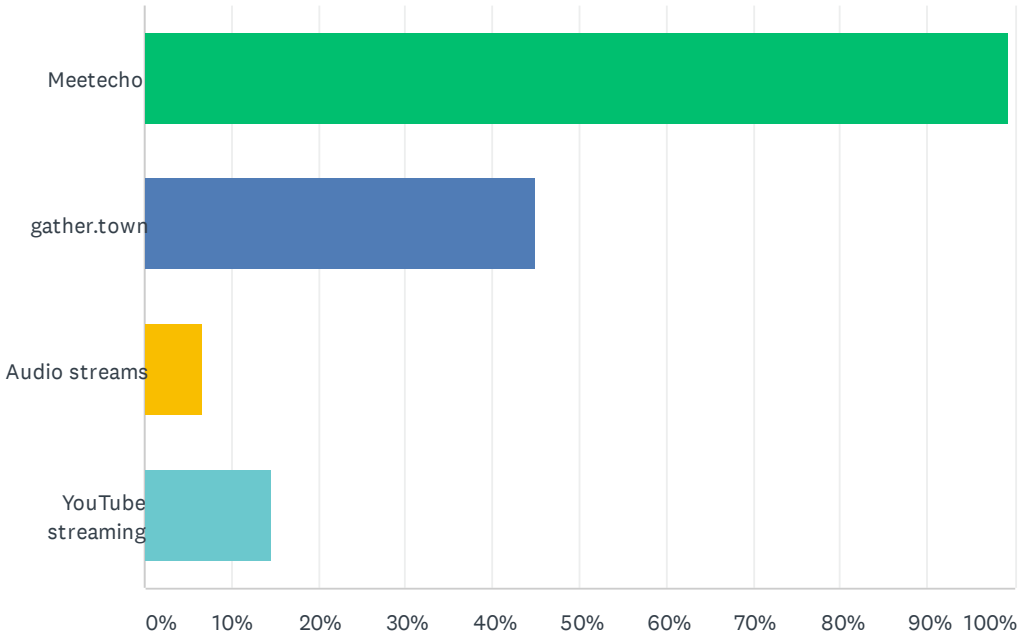
Answered: 343 Skipped: 39



ANSWER CHOICES	RESPONSES	
Yes	58.31%	200
No	41.69%	143
TOTAL		343

Q28 Which of the following participation mechanisms did you use? (check all that apply)

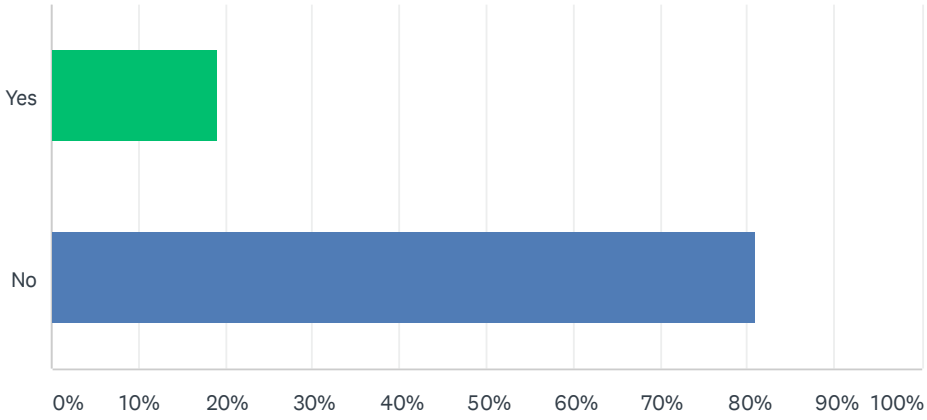
Answered: 343 Skipped: 39



ANSWER CHOICES	RESPONSES	
Meetecho	99.42%	341
gather.town	44.90%	154
Audio streams	6.71%	23
YouTube streaming	14.58%	50
Total Respondents: 343		

Q29 Did you report a problem to anyone?

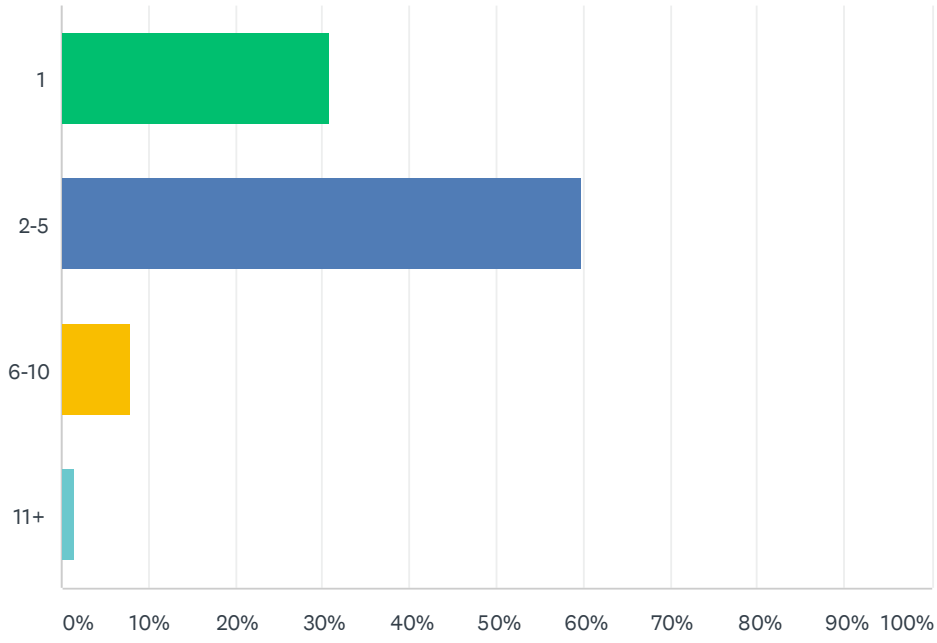
Answered: 343 Skipped: 39



ANSWER CHOICES	RESPONSES	
Yes	18.95%	65
No	81.05%	278
TOTAL		343

Q30 How many times did you want to participate in sessions that were scheduled in the same time slot?

Answered: 199 Skipped: 183



ANSWER CHOICES	RESPONSES	
1	30.65%	61
2-5	59.80%	119
6-10	8.04%	16
11+	1.51%	3
TOTAL		199

Q31 Please list the sessions that you wanted to participate in that were scheduled in the same time slot: (each set of conflicts on a new line)

Answered: 132 Skipped: 250

#	RESPONSES	DATE
1	TSV-Area / TLS MASQ/ / BESS 6MAN / WebPack	8/10/2020 7:31 PM
2	dnsop vs quic {saag,tsvwg,add,6man} vs anrw 6man vs irtfopen vs masque tls vs tsvwg	8/7/2020 5:06 AM
3	teep/tcpm ipsecme/lamps dmarc/mls emailcore/dnsop 6lo/dnsop add/drip shmoo/lake/suit	8/7/2020 4:02 AM
4	LAMPS and NetConf ANIMA and SecDispatch	8/6/2020 6:26 PM
5	ica and NMRG	8/6/2020 5:08 PM
6	sacm, teep anima, secdispatch asdf, ipsecme, lamps	8/6/2020 1:54 PM
7	add, acme	8/6/2020 1:52 PM
8	PCE/OPSAWG	8/6/2020 1:26 PM
9	nah, I'm lazy	8/6/2020 11:31 AM
10	quic dnsop tsvarea dnsop 6man irtfopen tsvwg tls	8/6/2020 11:12 AM
11	DISPATCH/PEARG HRPC/TLS	8/6/2020 9:13 AM
12	OPSAWG, pcewg Netcinf,bess, 6man Lsrwg,netmod idr, IPPM Lsv, bfd	8/6/2020 8:58 AM
13	ADD/ACME MOPS/MLS RFCEDFDP/WEBTRANS TLS/HRPC	8/6/2020 7:45 AM
14	MLS, GAIA TLS, HRPC	8/6/2020 7:15 AM
15	NTP LOOPS	8/6/2020 6:07 AM
16	quic tls	8/6/2020 5:04 AM
17	drip add	8/6/2020 4:49 AM
18	emailcore & quic	8/6/2020 4:46 AM
19	intarea,detnet 6man,irtfopen,lamps iabopen,mops	8/6/2020 4:40 AM
20	core-dprive, 6lo-cose, cbor-intarea	8/6/2020 4:37 AM
21	6man/bess shmoo/loops 6man/anrw	8/6/2020 4:34 AM
22	6man, bess grow, rtgwg	8/6/2020 4:00 AM
23	tsvwg - anrw	8/6/2020 3:39 AM
24	SUIT	8/6/2020 1:46 AM
25	Monday Session III webtrans & qirg Tuesday Session III tsvwg & hrpc Wednesday Session I: quic & emailcore BoF Thursday Session I: ANRW DNS and BGP & tsvwg Thursday Session II: ANRW Protocol Testing & saag Thursday Session III: ANRW Transport Protocols & add Friday Session III: dprive & privacypass	8/6/2020 1:41 AM
26	6man/irtfopen iabopen/rats add/acme lake/suit	8/6/2020 1:31 AM
27	Privacy Enhancements and Assessments Research Group, Trusted Execution Environment Provisioning RFC Editor Future Development, Quantum Internet Research Group Operations and Management Area Working Group, Transport Layer Security Stay Home Meet Only Online, Software Updates for Internet of Things Computing in the Network Research Group, Privacy Pass	8/6/2020 12:37 AM
28	6man vs bess, Tuesday	8/6/2020 12:23 AM
29	ADD and DRIP	8/6/2020 12:15 AM
30	NETCONF - ASDF	8/6/2020 12:10 AM
31	DNSOPS and RATS	8/5/2020 11:29 PM
32	netmod and netconf conflicted with routing meetings. This is not new to this format.	8/5/2020 11:26 PM
33	teep-sacm, rats-quick	8/5/2020 11:14 PM

34	lsr netmod	8/5/2020 10:55 PM
35	DNSops - QUIC	8/5/2020 10:48 PM
36	tsvwg, data center transport session	8/5/2020 10:47 PM
37	ANRW conflicts with some WGs	8/5/2020 10:43 PM
38	sidrops and babel, grow and rtgwg, lisp and rift. not very important. the 2 most important meetings for me (lsr and idr) did not have conflicts.	8/5/2020 10:40 PM
39	gaia and mls anrw and saag dprive and privacypass	8/5/2020 10:39 PM
40	TCPM and HRPC	8/5/2020 9:04 PM
41	BESS, 6MAN, BFD, LSVR, MBONED, IDR,	8/5/2020 6:11 PM
42	sacm vs teep sidrops vs cbor ipsecme vs irtfopen rats vs mls rift vs cose ntp vs lake	8/5/2020 12:09 PM
43	teep/dispatch sidrops/cbor lamps/ipsecme rats/mls ace/rats anima/raw/secdispatch saag/gendispatch add/drip/acme suit/lake/shmoo stir/dprive/privacypass	8/5/2020 8:49 AM
44	rfcefdp - qirg secdispatch - ANRW saag - ANRW - gendispatch privpass - dprive	8/5/2020 4:01 AM
45	DPRIVE+PRIVACYPASS Also DNSOP+QUIC, DTN+PEARG, TLS+HRPC, ADD+DRIP	8/5/2020 3:01 AM
46	dprive and privacy pass iab open and fipe (can't recall but a few times i had to make an unfortunate choice)	8/5/2020 2:02 AM
47	PEARG SPRING TCPM NWCRG TCPM 6MAN MASQUE PIM TLS TSVWG ANRW SECDISPATCH TSVWG	8/5/2020 1:58 AM
48	core-tsvwg: tuesday, session 3 quic-nmrg: wednesday, session 1 anrw-tsvwg: thursday, session 1 coinrg-ippm-core: friday, session 3	8/5/2020 12:51 AM
49	6man/mpls	8/5/2020 12:38 AM
50	ADD/DRIP CORE/OPSWAG/TSVWG DNSOP/LISP NMRG/DNSOP TCPM/Intarea	8/4/2020 11:40 PM
51	cant remember	8/4/2020 11:36 PM
52	PEARG, TEEP, DTN ASDF, MASQUE MOPS, RATS	8/4/2020 10:11 PM
53	drip & add	8/4/2020 10:01 PM
54	HRPC, TLS, TSVWG DNSOP, QUIC SUIT, SHMOO DPRIVE, PRIVACYPASS, IPPM	8/4/2020 9:33 PM
55	tcpm/intarea, webtrans/rfcefdp, loops/shmoo, IRTFopen/masque, ANRW/add, anrw/tsvwg, anrw/gendispatch, tcpm/pearg	8/4/2020 9:18 PM
56	gnap/rfcedfp dispatch/pearg dmarc/iabopen calext/wpack	8/4/2020 8:58 PM
57	irtfopen/lamps nmrg/dnsop anrw/secdispatch gendispatch/saag add/acme regext/shmoo	8/4/2020 8:52 PM
58	Reg-Ext - Shmoo Sec-Dispatch - ANRW Dprive - PrivacyPass	8/4/2020 8:39 PM
59	DetNet-IntArea 6lo- RIFT	8/4/2020 8:27 PM
60	tcpm:pearg tcpm:nwcrg rfcefdp:webtrans rfcefdp:qirg irtfopen:masque tls:tsvwg nmrg:quic tsvwg:anrw anrw:saag anrw:add shmoo:loops coinrg:ippm	8/4/2020 8:16 PM
61	spring - tcpm intarea - tcpm 6man - irtfopen	8/4/2020 7:56 PM
62	ANRW + add	8/4/2020 7:23 PM
63	add	8/4/2020 7:21 PM
64	ASDF, MASQUE	8/4/2020 6:42 PM
65	spring-tcpm detnet-tcpm 6man-bess bier-quic bfd-lsvr	8/4/2020 6:42 PM
66	drip vs. add dispatch vs. pearg	8/4/2020 6:40 PM
67	dmarc - iabopen - gaia emailcore - dnsop gendispatch - anrw - saag add - anrw - drip regext - shmoo - suit	8/4/2020 6:32 PM

68	grow, gnap 6man, irtfopen anrw, saag anrw, add shmoo, suit drpive, privacypass	8/4/2020 6:06 PM
69	6MAN MPLS	8/4/2020 2:54 PM
70	dispatch-teep webtrans-rfcefdp masque-lamps	8/4/2020 1:34 PM
71	dispatch/sacm/teep cbor/intarea rfcefdp/qirg asdp/irtfopen/netconf core/hrpc/tls ace/rats/quic cose/tsvarea secdispatch/tsvwg drip/acme ntp/lake/suit core/stir/privacypass	8/4/2020 12:37 PM
72	dnsop and emailcore	8/4/2020 12:15 PM
73	detnet, cbor, nwcrg qirg, rtgwg asdf, irtfopen ccamp, rats raw, anrw coinrg, dprive, stir, core	8/4/2020 12:03 PM
74	rats-ace	8/4/2020 11:57 AM
75	dnsop, quic	8/4/2020 11:41 AM
76	NA	8/4/2020 11:31 AM
77	rtgwg/grow	8/4/2020 11:19 AM
78	irtfopen, 6man iabopen, rats hrpc, tsvwg	8/4/2020 10:56 AM
79	grow rtgwg dnsop nrmg add anrw dprive coinrg	8/4/2020 10:42 AM
80	mboned, coin	8/4/2020 10:17 AM
81	dispatch - teep rfcefdp - gnap asdf - lamps core - tls ace - rats shmoo - lake - suit core - privacypass	8/4/2020 10:16 AM
82	6man vs. bess opsawg vs. pim 6man vs. mpls	8/4/2020 10:14 AM
83	tsvwg and tls on Tuesday	8/4/2020 9:53 AM
84	add/drip/anrw	8/4/2020 9:50 AM
85	IPsec + MASQUE dpriv + privacypass	8/4/2020 9:43 AM
86	Mail vs dnsop. Can’t remember the other.	8/4/2020 9:43 AM
87	BoF - ASDF IRTF open meeting	8/4/2020 9:41 AM
88	gendispatch/avtcore tls/tsvwg	8/4/2020 9:40 AM
89	ace and emailcore lake and suit	8/4/2020 9:35 AM
90	masque / netconf	8/4/2020 9:32 AM
91	DISPATCH PEARG RFCEFDP QIRG IABOPEN MOPS GAIA TSVWG HRPC QUIC NMRG TSVWG ANRW AVTCORE GENDISPATCH ANRW LOOPS SHMOO	8/3/2020 10:41 PM
92	dnsop/emailcore anrw/extra+jmap	8/3/2020 9:32 PM
93	hrpc tls irtf secdispatch	8/3/2020 8:59 PM
94	dtn tcpm dispatch intarea tcpm alto webtrans 6man masque anrw tsvwg anrw avtcore gendispatc loops shmoo 6man anrw wpack	8/3/2020 8:44 PM
95	gnap webtrans	8/3/2020 8:26 PM
96	rfcefdt qirng gnap ipsecme lamps masque mls rats dnsop rats quic	8/3/2020 7:47 PM
97	anrw & secdispatch	8/3/2020 9:44 AM
98	OPSAG and PCE on tuesday July 28 at14:10 UCT	8/3/2020 4:20 AM
99	irtf and 6man was one, maybe. i don't remember.	8/2/2020 10:35 PM
100	gnap qirg ipsecme irtfopen lamps saag gendispatch	8/2/2020 9:03 AM
101	Rfced-future -- RTGWG 6MAN -- BESS -- Netconf CCAMP -- GAIA -- IABopen PCE -- OPSAWG -- HRPC SHMOO -- TEAS 6MAN -- MPLS	8/1/2020 8:48 PM
102	IPPM and IDR	8/1/2020 7:22 PM

103	IETF webtrans IRTF QIRG	8/1/2020 5:05 PM
104	Dprive and privacy pass	8/1/2020 4:01 PM
105	rfcefdp / rtgwg 6man / irtfopen iabopen / ccamp pce / opsawg nmrg / bier gendispatch / anrw lsr / netmod teas / ntp / shmoo 6man / mpls / anrw	8/1/2020 3:50 PM
106	LSVR and gendispatch	8/1/2020 3:29 PM
107	LAKE, SUIT, SCHMOO; SAAG, GENDISPATCH	8/1/2020 8:19 AM
108	secdispatch/anima asdf/6man/ipsec/lamps core/opsawg rats/ace/emailcore acme/add lake/shmoo/suit core/dprive/privacypass	8/1/2020 8:13 AM
109	idr / ippm	8/1/2020 8:03 AM
110	shmoo/loops alto/webtrans	8/1/2020 7:48 AM
111	avtcore / gendispatch / saag dmarc / iabopen	8/1/2020 7:24 AM
112	dispatch, pearg webtrans, rfced, gnap hrpc. tls dnsop, quic secdispatch, anrg saag, gendispatch **** add, drip shmoo, ntp, suit, lake dprive, privacypass	8/1/2020 7:20 AM
113	dnsops rats ace suit lake	8/1/2020 7:17 AM
114	netconf and asdf	8/1/2020 7:13 AM
115	Bmwg vs Rtgwg 27th Bess vs 6man 28th Mpls vs 6man 31st	8/1/2020 7:08 AM
116	rfcefdp gnap irtfopen lamps hrpc tls gendispatch saag add acme	8/1/2020 6:55 AM
117	MBONED and IDR	8/1/2020 6:12 AM
118	pearg and dispatch lamps and irtfopen tls and core extra and secdispatch gendispatch and saag lake and suit	8/1/2020 6:12 AM
119	tls smhoo	8/1/2020 6:01 AM
120	asdf irtfopen core tsvwg ace rats 6lo cose secdispatch raw tsvwg lake suit wpack emu core coinrg	8/1/2020 5:59 AM
121	IDR and COINRG RATS and Network Management	8/1/2020 5:56 AM
122	I switched between sessions that run in parallel, They were just to check for new topics to work in. All sessions I really needed I could visit without issues.	8/1/2020 5:11 AM
123	core and ippm 6man and mpls lisp and rift rats and bier and quic	8/1/2020 5:08 AM
124	6man, mpls	8/1/2020 4:58 AM
125	privacypass dprive dnsop tsvarea quic dnsop tls tsvwg	8/1/2020 4:51 AM
126	CBOR-DETNET	8/1/2020 4:43 AM
127	webtrans / gnap gendispatch / saag	8/1/2020 4:36 AM
128	IPsec/6MAN	8/1/2020 4:34 AM
129	DPRIVE/COIN IRTFOPEN/ASDF ANRW/TSVWG	8/1/2020 4:33 AM
130	dispatch/teep netconf/irtf-open/lamps iabopen/rats hrpc/tls gendispatch/saag ntp/suit	8/1/2020 4:28 AM
131	saag/gendispatch	8/1/2020 4:28 AM
132	saag, gendispatch	8/1/2020 4:20 AM

Q32 Please list the sessions that ran out of time:

Answered: 128 Skipped: 254

#	RESPONSES	DATE
1	SPRING	8/10/2020 7:37 PM
2	EMU	8/8/2020 10:05 AM
3	LSR	8/8/2020 4:10 AM
4	IPPM	8/7/2020 5:37 AM
5	ipsecme (I as I chair had to cut discussion completely about one item, as I realized we would be way too much over time if we started discussing it, and I think we still run out of time) Plenary I think there were few others where I participated, but did not make notes about them at the time.	8/7/2020 4:02 AM
6	netmod	8/6/2020 6:56 PM
7	SPRING	8/6/2020 6:12 PM
8	ICE	8/6/2020 5:08 PM
9	RAW	8/6/2020 3:22 PM
10	Just about all of them.	8/6/2020 2:34 PM
11	emu	8/6/2020 1:54 PM
12	TEAS	8/6/2020 1:26 PM
13	SPRING, BIER, MPLS, IPPM	8/6/2020 1:20 PM
14	forget. I think v6? maybe regext?	8/6/2020 11:31 AM
15	SPRING	8/6/2020 11:12 AM
16	WPACK GENDISPATCH	8/6/2020 9:13 AM
17	Not sure now. Netmod?	8/6/2020 8:58 AM
18	ADD	8/6/2020 7:45 AM
19	Can't recall	8/6/2020 7:15 AM
20	dtn	8/6/2020 5:27 AM
21	ADD	8/6/2020 5:09 AM
22	essentially all those I attended, to varying degrees	8/6/2020 5:09 AM
23	bier	8/6/2020 4:40 AM
24	intarea,	8/6/2020 4:37 AM
25	6lo	8/6/2020 4:15 AM
26	lsr	8/6/2020 4:00 AM
27	tcpm (first session)	8/6/2020 3:38 AM
28	IntArea	8/6/2020 1:46 AM
29	MPLS did not have enough time in the first place	8/6/2020 1:30 AM
30	I can't remember	8/6/2020 12:15 AM
31	DTN	8/6/2020 12:09 AM
32	EMU	8/5/2020 11:49 PM
33	ADD	8/5/2020 11:29 PM
34	first sessions routing sessions in the week where the routing chairs were adjusting to scope. Afterwards the charis adapted.	8/5/2020 11:26 PM
35	add	8/5/2020 10:48 PM

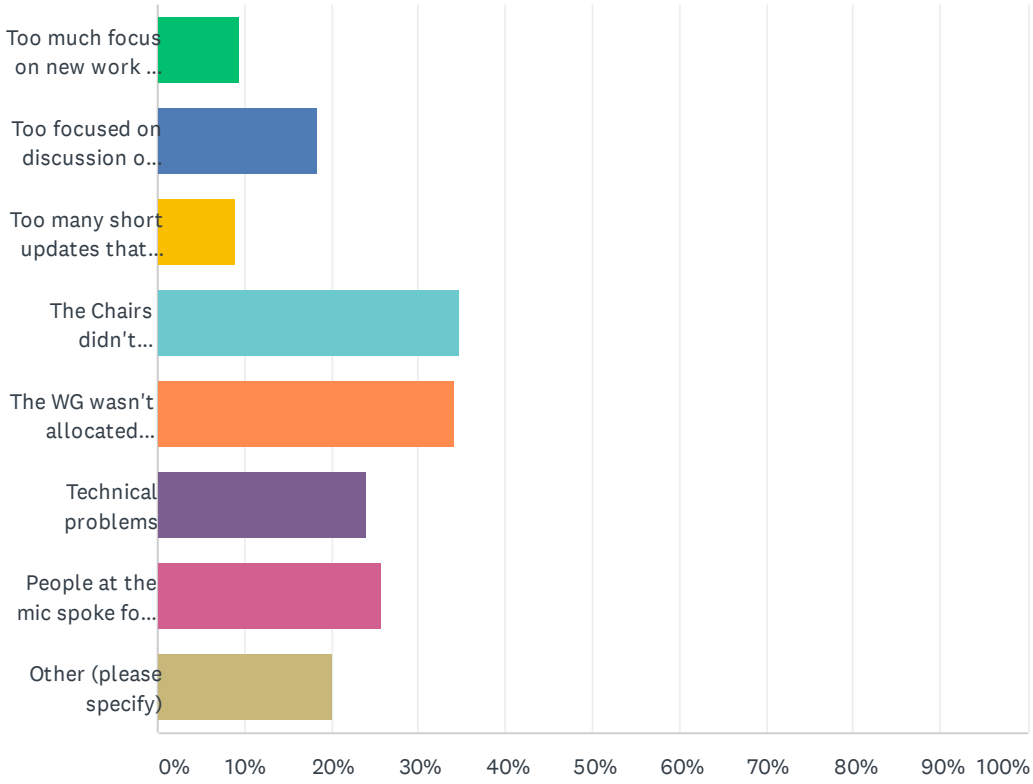
36	RIFT	8/5/2020 10:45 PM
37	NETMOD	8/5/2020 10:41 PM
38	SUIT	8/5/2020 10:39 PM
39	BIER, SPRING	8/5/2020 6:11 PM
40	Don't remember. Several seemed pressed at the end, but that may be more because of poor time management, unwillingness of chairs to say things like "take it to the list", and technology-induced (including chairs or presenters not knowing what to do or having trouble getting started eating up time rather than too little scheduled time if things were going well.	8/5/2020 4:54 PM
41	I no longer recall. They will be better handled on the WG lists in any case.	8/5/2020 12:09 PM
42	too many	8/5/2020 8:49 AM
43	bier, rtgwg	8/5/2020 6:52 AM
44	IPPM	8/5/2020 6:43 AM
45	QUIC	8/5/2020 3:34 AM
46	gendispatch	8/5/2020 2:02 AM
47	Don't remember	8/5/2020 1:58 AM
48	abcd	8/4/2020 11:47 PM
49	all that I attended to, including 6man.	8/4/2020 11:36 PM
50	GAIA	8/4/2020 11:07 PM
51	ADD	8/4/2020 9:33 PM
52	Sorry I didn't take notes about this :(None of mine thankfully!	8/4/2020 8:58 PM
53	dnsop II	8/4/2020 8:52 PM
54	ADD DNSOP	8/4/2020 8:39 PM
55	BIER RAW	8/4/2020 8:27 PM
56	EAP WG	8/4/2020 8:05 PM
57	spring - meetecho stopped automatically (I think this was solved afterwards)	8/4/2020 7:56 PM
58	LOOPS BOF	8/4/2020 7:33 PM
59	dnsop	8/4/2020 7:23 PM
60	netconf, bier, spring, rtgwg, anima	8/4/2020 6:46 PM
61	spring (first session, hard cut at the end at the surprise of everyone)	8/4/2020 6:42 PM
62	mls	8/4/2020 1:34 PM
63	Sorry - didn't take full notes - probably at least 4 out of 15 ran badly out of time)	8/4/2020 12:37 PM
64	spring	8/4/2020 11:19 AM
65	MASQUE	8/4/2020 10:42 AM
66	bier	8/4/2020 10:17 AM
67	ace - Expected by the chairs due to focus on old work cose - Unexpected but the outstanding issue needed solving	8/4/2020 10:16 AM
68	spring, mpls, ippm	8/4/2020 10:14 AM
69	ippm, quic	8/4/2020 9:53 AM
70	SPRING, LISP	8/4/2020 9:45 AM
71	6man ran out. I didn’t even try to get time on the intarea agenda.	8/4/2020 9:43 AM

72	Bier wg. Anyway the chairs expected it to go overtime so they scheduled the important presentations to happen first and the one that has been cut off was less important.	8/4/2020 9:42 AM
73	TSVWG 2nd session with new work, ideas. The first session ended early.	8/4/2020 9:41 AM
74	avtcore	8/4/2020 9:40 AM
75	wpack	8/4/2020 9:38 AM
76	LSR	8/4/2020 9:38 AM
77	ADD could have used more time due to the volume of I-Ds, will need a couple of virtual interims but probably would have needed these anyway	8/4/2020 9:37 AM
78	don't know anymore	8/4/2020 9:35 AM
79	masque	8/4/2020 9:32 AM
80	add	8/4/2020 12:40 AM
81	NETMOD	8/3/2020 9:35 PM
82	ADD (in the sense that not all drafts could get on the agenda)	8/3/2020 9:32 PM
83	dnsop	8/3/2020 8:59 PM
84	masque 2nd TSVWG Loops	8/3/2020 8:44 PM
85	dmarc	8/3/2020 2:46 PM
86	I don't remember. poor chairing though and too much powerpoint. not enough discussion time.	8/2/2020 10:35 PM
87	gendispatch	8/2/2020 5:55 AM
88	Gendispatch	8/2/2020 2:10 AM
89	Spring	8/1/2020 9:57 PM
90	Oh, I can't recall. None was massively over. 6MAN had to drop a presentation. I heard a couple of chairs say "Meetecho allows us to overrun by 5 minutes, so we'll use that time."	8/1/2020 8:48 PM
91	n/a	8/1/2020 8:01 PM
92	SPRING	8/1/2020 7:22 PM
93	Dnsop	8/1/2020 4:01 PM
94	spring	8/1/2020 3:50 PM
95	I can’t remember	8/1/2020 3:29 PM
96	NETMOD	8/1/2020 10:09 AM
97	ACE	8/1/2020 8:19 AM
98	I don't remember them all. in most cases, the chairs cut things.	8/1/2020 8:13 AM
99	ippm (was OK, one of four lightning talks didn't fit in I think)	8/1/2020 8:03 AM
100	alto	8/1/2020 7:48 AM
101	I don't remember now, but there were several. For some, the chairs let discussion go too long. For others, two sessions should have been requested.	8/1/2020 7:24 AM
102	i don't recall	8/1/2020 7:20 AM
103	netmod, plenary, shmoo	8/1/2020 7:13 AM
104	Rtgwg	8/1/2020 7:08 AM
105	gendispatch	8/1/2020 6:43 AM
106	the usual suspects :) dnsop	8/1/2020 6:29 AM
107	rfced-futures	8/1/2020 6:16 AM

108	suit	8/1/2020 6:12 AM
109	DNSOP	8/1/2020 6:03 AM
110	Sorry, didn't keep track	8/1/2020 5:59 AM
111	SPRING	8/1/2020 5:56 AM
112	gendispatch	8/1/2020 5:41 AM
113	I don't remember	8/1/2020 5:37 AM
114	DTN.	8/1/2020 5:29 AM
115	Spring - I attended it as a test for the next session I was interested in DetNet	8/1/2020 5:23 AM
116	NETMOD	8/1/2020 5:14 AM
117	Don't remember anymore. But it was one of the odd 50 minutes time slots.	8/1/2020 5:11 AM
118	netmod ippm	8/1/2020 5:08 AM
119	spring, bess, bier	8/1/2020 4:58 AM
120	Spring was stopped abruptly.	8/1/2020 4:50 AM
121	CBOR, IABOPEN, COSE, SHMOO, EMU, DRIP	8/1/2020 4:43 AM
122	6Man and I don't remember the other one but meetecho just stopped right at the meeting end time. It was on Monday.	8/1/2020 4:38 AM
123	dispatch gnap cose gendispatch wpack	8/1/2020 4:36 AM
124	COINRG LOOPS	8/1/2020 4:33 AM
125	don't recall, sorry.	8/1/2020 4:28 AM
126	EMU, RATS, SUIT	8/1/2020 4:25 AM
127	Bier	8/1/2020 4:20 AM
128	saag, gendispatch tls could have used more time	8/1/2020 4:20 AM

Q33 Why did those sessions run out of time? (check all that apply)

Answered: 179 Skipped: 203



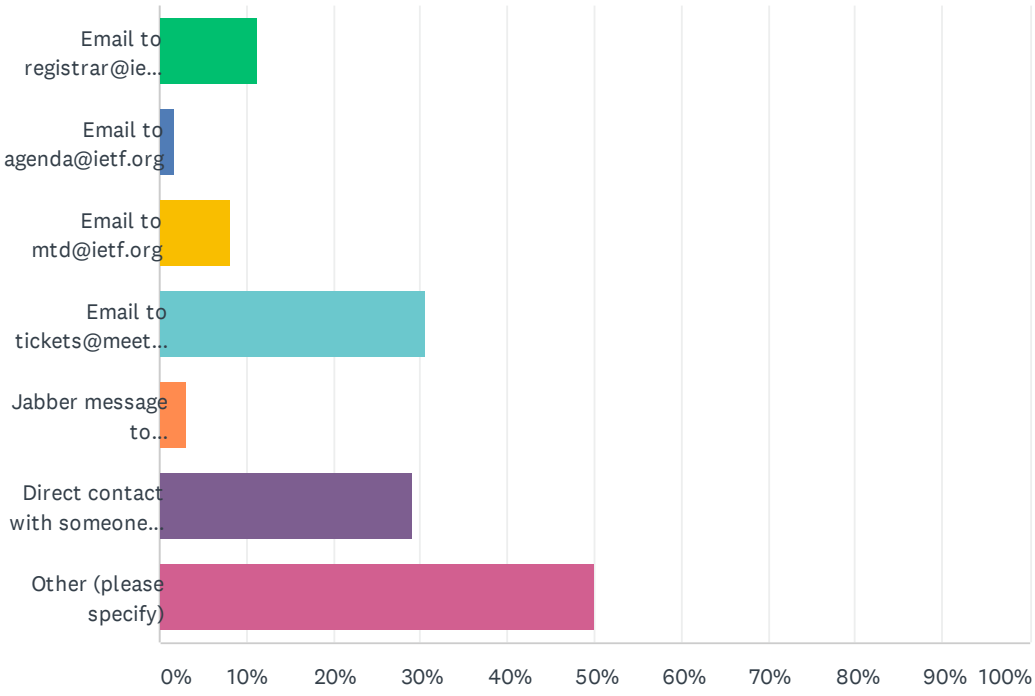
ANSWER CHOICES	RESPONSES	
Too much focus on new work and not enough time to discuss on going issues	9.50%	17
Too focused on discussion of outstanding issues and no time for new work	18.44%	33
Too many short updates that could have been handled on the list	8.94%	16
The Chairs didn't allocate/manage the time appropriately	34.64%	62
The WG wasn't allocated enough time	34.08%	61
Technical problems	24.02%	43
People at the mic spoke for too long or too often	25.70%	46
Other (please specify)	20.11%	36
Total Respondents: 179		

#	OTHER (PLEASE SPECIFY)	DATE
1	Normal situation: interesting meetings engage people	8/6/2020 6:56 PM
2	unclear	8/6/2020 6:12 PM
3	Way too many proposed solutions, and all were given floor time. These should have been winnowed on-list, and only those with substantial interest actually discussed.	8/6/2020 7:45 AM
4	too much work for slot	8/6/2020 4:40 AM
5	A lot of the updates could have been recorded and watched at a convenient time and then the meeting used for Q&A	8/6/2020 1:30 AM
6	As chair, I should have requested 2 sessions...	8/6/2020 12:09 AM
7	Learning that meetecho cuts off exact was a just a learning curve.	8/5/2020 11:26 PM
8	Lively discussion	8/5/2020 10:39 PM
9	More discussion occurred than was planned for	8/5/2020 3:34 AM
10	uncertainty about participation, we opted for shorter duration but was too tight	8/4/2020 11:07 PM
11	Worthwhile detailed discussion.	8/4/2020 10:34 PM
12	Too much focus on presentations (slightly too long) that adds up, leaving little time for discussion	8/4/2020 8:38 PM
13	too much focus on presentations, people hesitant to interrupt	8/4/2020 8:16 PM
14	meetecho (use of 20 min break would have helped)	8/4/2020 7:56 PM
15	Call Hums proved harder to coordinate and was difficult anyway remotely	8/4/2020 7:33 PM
16	Participants not testing Meetecho and local audio setup beforehand. Meetecho should enforce a mandatory test before joining the first session.	8/4/2020 6:46 PM
17	Presenter presented too slowly, ran over timeslot	8/4/2020 9:40 AM
18	Just too much work to do	8/3/2020 9:32 PM
19	LOOPS could have benefitted of a bit more disussion time to arrive at clearer next steps. TSVWG, has to many items and as soon significant discussion happens agenda becomes hard to manage. MASQUE maybe had to much on the agenda comapred to session length.	8/3/2020 8:44 PM
20	too much powerpoint.	8/2/2020 10:35 PM
21	I had wished there was a 75 or 85 meeting slot. The 50 or 100 were either too short of too long	8/2/2020 9:00 PM
22	Every question, even those that don't get any responses, involves a timeout. This unavoidably eats time.	8/2/2020 8:33 AM
23	Poor understanding by chairs of which topics would generate discussion	8/1/2020 8:48 PM
24	Left time over in first session for fear of angering participants, misjudged times needed for the long and short session	8/1/2020 4:01 PM
25	agenda grew late, after session was requested	8/1/2020 7:20 AM
26	speakers ran overtim	8/1/2020 6:40 AM
27	too many presentations, not enough actual discussion	8/1/2020 6:29 AM
28	work still not well understood or chartered	8/1/2020 6:16 AM
29	Confusion about the start and end of time slots (!)	8/1/2020 5:59 AM
30	challenges of people getting ability to speak, etc. This introduced delays into the flow.	8/1/2020 5:37 AM
31	We underestimated the length of time needed for all the discussions we wanted to conduct.	8/1/2020 5:29 AM
32	Packed agenda - Didn't know the time would just stop.	8/1/2020 5:23 AM

33	Discussions take time if they happen and even more so online. If we want to entertain real discussions at IETF meetings online, we likely need to adopt and allocate more time for them.	8/1/2020 5:14 AM
34	Time wasted by people not being prepared\tested for virtual	8/1/2020 5:02 AM
35	Lots of work to do, good discussions happening. Running out of time wasn't bad in this case.	8/1/2020 4:51 AM
36	Too much to cover within the time unit	8/1/2020 4:25 AM

Q34 Which of the following mechanisms did you use to report a problem? (check all that apply)

Answered: 62 Skipped: 320

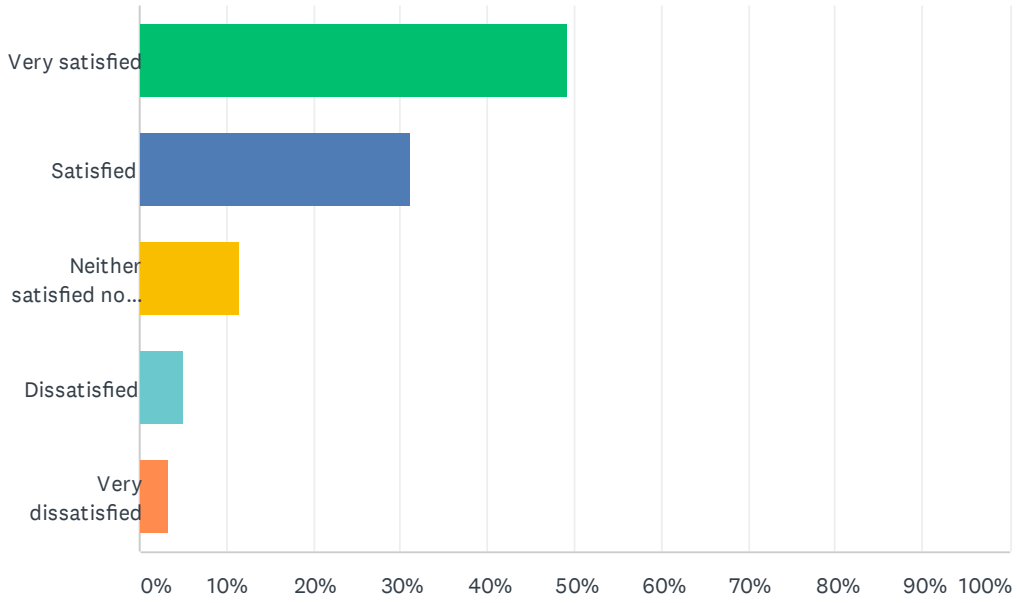


ANSWER CHOICES	RESPONSES	
Email to registrar@ietf.org	11.29%	7
Email to agenda@ietf.org	1.61%	1
Email to mtd@ietf.org	8.06%	5
Email to tickets@meeting.ietf.org	30.65%	19
Jabber message to hallway@jabber.ietf.org	3.23%	2
Direct contact with someone on the NOC team / Tools Team / Secretariat / LLC Staff	29.03%	18
Other (please specify)	50.00%	31
Total Respondents: 62		

#	OTHER (PLEASE SPECIFY)	DATE
1	Jabber room for session was primary path, and got help from meetecho staff. Was otherwise bad about contacting since wasn't sure where to go, and some feedback was "go join a list and discuss there". (Was unaware of hallway@jabber.ietf.org!)	8/7/2020 5:07 AM
2	meetecho support list	8/6/2020 6:57 PM
3	I lost audio connectivity during my talk at LAMPS. I could not find out why. After re-starting and re-joining the meetecho session I could continue to persent.	8/6/2020 6:28 PM
4	ietf@meetecho.com	8/6/2020 2:35 PM
5	Jabber to meetecho representative in session	8/6/2020 7:16 AM
6	email to tools-discuss@ietf.org	8/6/2020 4:42 AM
7	Gather.town	8/6/2020 4:02 AM
8	IM to Meetecho	8/6/2020 4:00 AM
9	message to meetecho	8/6/2020 3:40 AM
10	saying meetecho in chat during the meeting	8/6/2020 2:59 AM
11	Chat window in test meetecho session	8/5/2020 10:47 PM
12	session chatting	8/5/2020 9:44 PM
13	Direct contact with Meetecho team; jabber discussions during meeting sessions.	8/5/2020 4:56 PM
14	in the chat log of meetecho, and in the email list of WGs that are relevant to the technology that had errors.	8/4/2020 11:38 PM
15	confirm with other participants, not sure wether it was network connection problem or Meetecho	8/4/2020 1:46 PM
16	WG-chairs	8/4/2020 10:17 AM
17	Jabber message to meetecho	8/4/2020 10:16 AM
18	tagging @meetecho in the chat	8/4/2020 12:41 AM
19	Direct email with MeetEcho	8/3/2020 10:42 PM
20	in-chat contact with Meetecho, with followup via email from them to me	8/3/2020 9:00 PM
21	Chat with Meetecho team	8/3/2020 9:44 AM
22	Jabber contact with Meetecho team	8/1/2020 8:49 PM
23	support@gather.town for issues logging in there (probably due to browser issues on my side)	8/1/2020 8:13 AM
24	@meetecho in the jabber	8/1/2020 7:48 AM
25	Gather.town - went and found people to report to.	8/1/2020 5:32 AM
26	tools and meetecho	8/1/2020 5:31 AM
27	tools-discuss for Meetecho, and to Greg Wood	8/1/2020 4:50 AM
28	A meetecho rep responded to a Meetecho issue I mentioned in the chat	8/1/2020 4:41 AM
29	Jabber with MeetEcho monitor	8/1/2020 4:34 AM
30	jabber message within WG/BOF session (meetecho people were watching)	8/1/2020 4:21 AM
31	message in jabber room with "meetecho" in it	8/1/2020 4:21 AM

Q35 How satisfied were you with the response you received to your problem report(s)?

Answered: 61 Skipped: 321



ANSWER CHOICES	RESPONSES	
Very satisfied	49.18%	30
Satisfied	31.15%	19
Neither satisfied nor dissatisfied	11.48%	7
Dissatisfied	4.92%	3
Very dissatisfied	3.28%	2
TOTAL		61

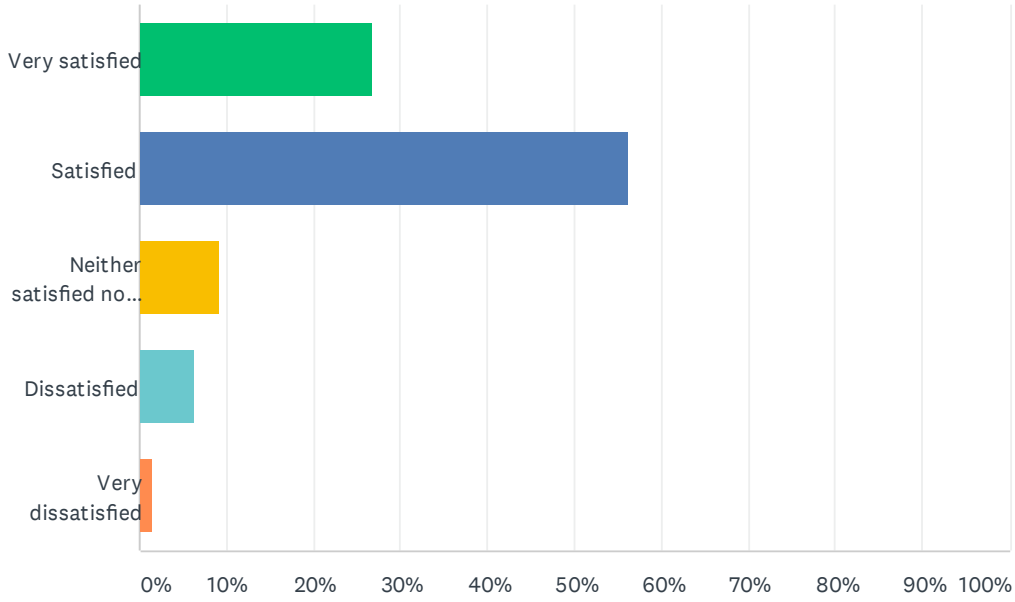
Q36 How can we improve our problem reporting process and our response?

Answered: 20 Skipped: 362

#	RESPONSES	DATE
1	Make it clearer, particularly for meetecho, where to report issues.	8/6/2020 2:35 PM
2	just keep to an SLA. add reporting links to WG agenda and ICS so they are easy to find	8/6/2020 11:32 AM
3	bad question: very satisfied with registrar (clearly defined role), tools-discuss of course we have no defined process to define what should go as new features into meetecho (that i am aware of)	8/6/2020 4:42 AM
4	Have *one* reporting channel that is accountable (ticket tracked) and real-time. There are several systems available that integrate with Slack / Teams.	8/6/2020 4:08 AM
5	It was great.	8/6/2020 4:02 AM
6	I asked how to present a pre-recorded video with audio. I was told "it's not possible" / "you should have arranged it far in advance". I ended up playing the video on my own screen and sharing my screen and audio. IMHO pre-recorded videos is a good fit for virtual meeting like this (it allows the presenter to make the presentation tight) as long as there is still time for interactive discussion afterwards.	8/5/2020 10:47 PM
7	By eliminating many of the problems before the meeting starts. See above about testing. And, again, chairs or presenters who don't test should not be allowed to run or present at sessions during the week.	8/5/2020 4:56 PM
8	Gather.town had problems, but it seemed to not be under responsibility of IETF organizers. If so, then either take responsibility of it (like meetecho), or dont recommend it at all to IETF participants at large.	8/4/2020 11:38 PM
9	could provide Q&A or tutorial video	8/4/2020 1:46 PM
10	Good	8/4/2020 11:32 AM
11	Actually solve the problems rather than just closing the tickets as solved or works for me.	8/4/2020 6:56 AM
12	The problem of video artifacts/slow refresh rates needs to be addressed. 3 times in 3 separate sessions, but meetecho says it's a presenter problem	8/4/2020 12:41 AM
13	Couldn't be better	8/1/2020 8:49 PM
14	maybe have a list of past issues and how they got fixed listed somewhere in an easy to search manner where folks can check first	8/1/2020 3:52 PM
15	I think that it's too difficult to know exactly where to report stuff. We should have multiple ways to reach into the ticket queue, but not multiple queues.	8/1/2020 8:14 AM
16	consolidate all problem reports to one place	8/1/2020 7:04 AM
17	I don't know when to use mtd and tickets Why do these need to be different? Why do these not even have the same structure, so they are hard to remember?	8/1/2020 6:00 AM
18	I found it ok	8/1/2020 4:50 AM
19	Make it clear how to report issues to Meetecho. I encountered a LOT of problems with that platform (e.g. audio randomly going out), but it didn't seem like a Meetecho rep was always in the chat to give feedback to. It also seemed like they were focused on giving people temporary fixes (e.g. "reload the page").	8/1/2020 4:41 AM
20	It was not clear how to report feature requests for meetecho.	8/1/2020 4:21 AM

Q37 How satisfied were you with the overall Meetecho experience?

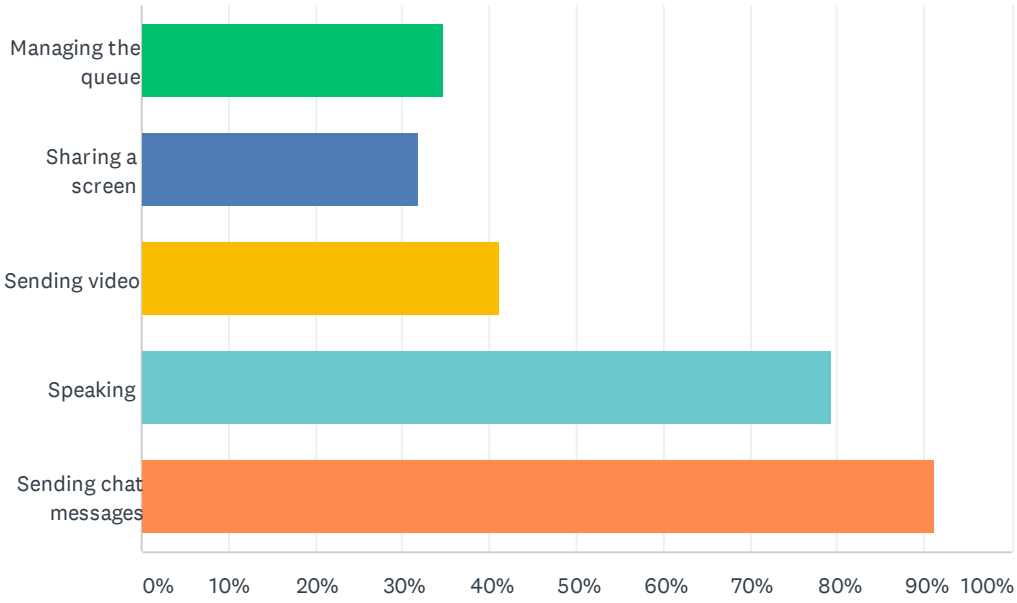
Answered: 337 Skipped: 45



ANSWER CHOICES	RESPONSES	
Very satisfied	26.71%	90
Satisfied	56.38%	190
Neither satisfied nor dissatisfied	9.20%	31
Dissatisfied	6.23%	21
Very dissatisfied	1.48%	5
TOTAL		337

Q38 Which of the following features of Meetecho did you use? (check all that apply)

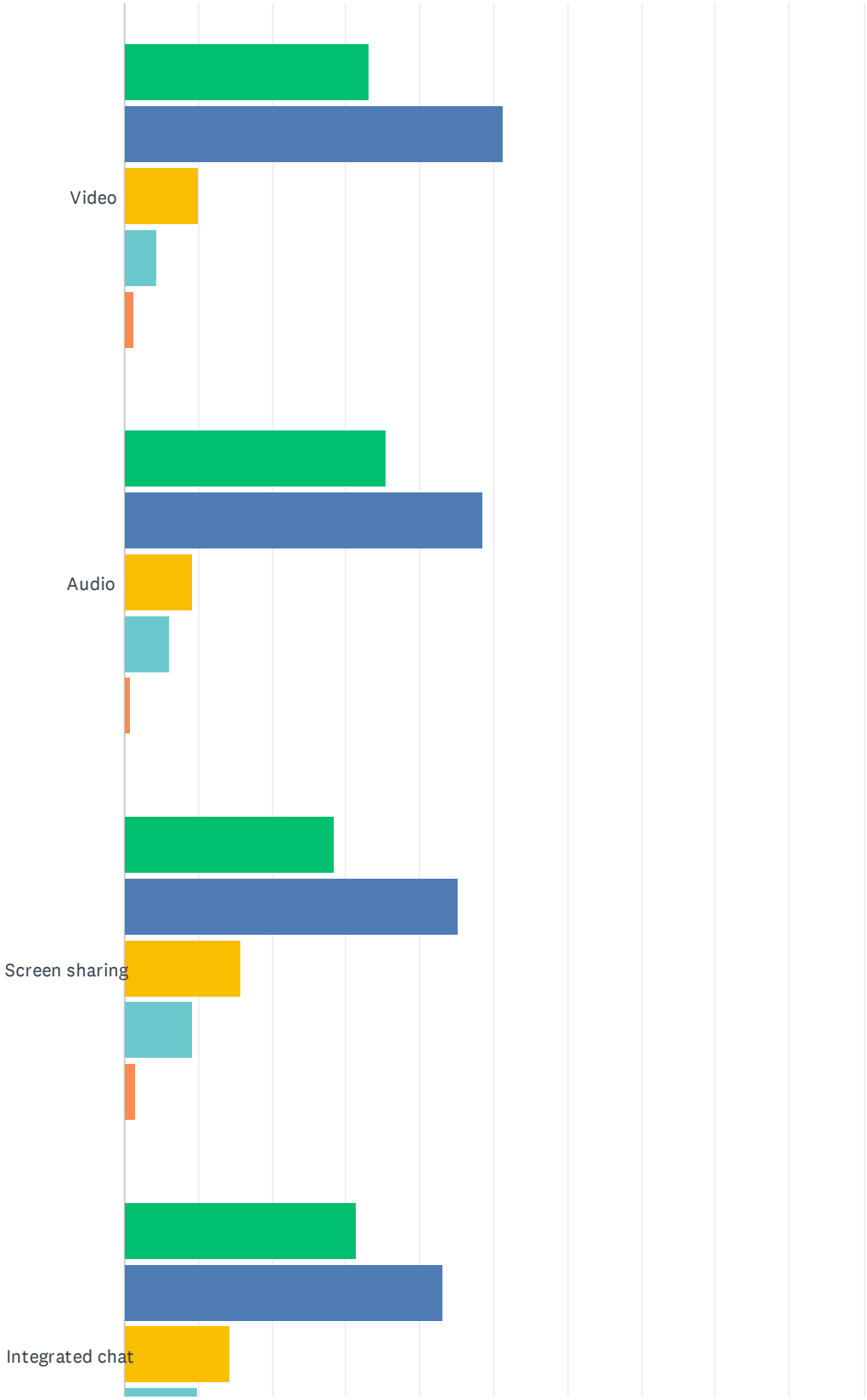
Answered: 299 Skipped: 83

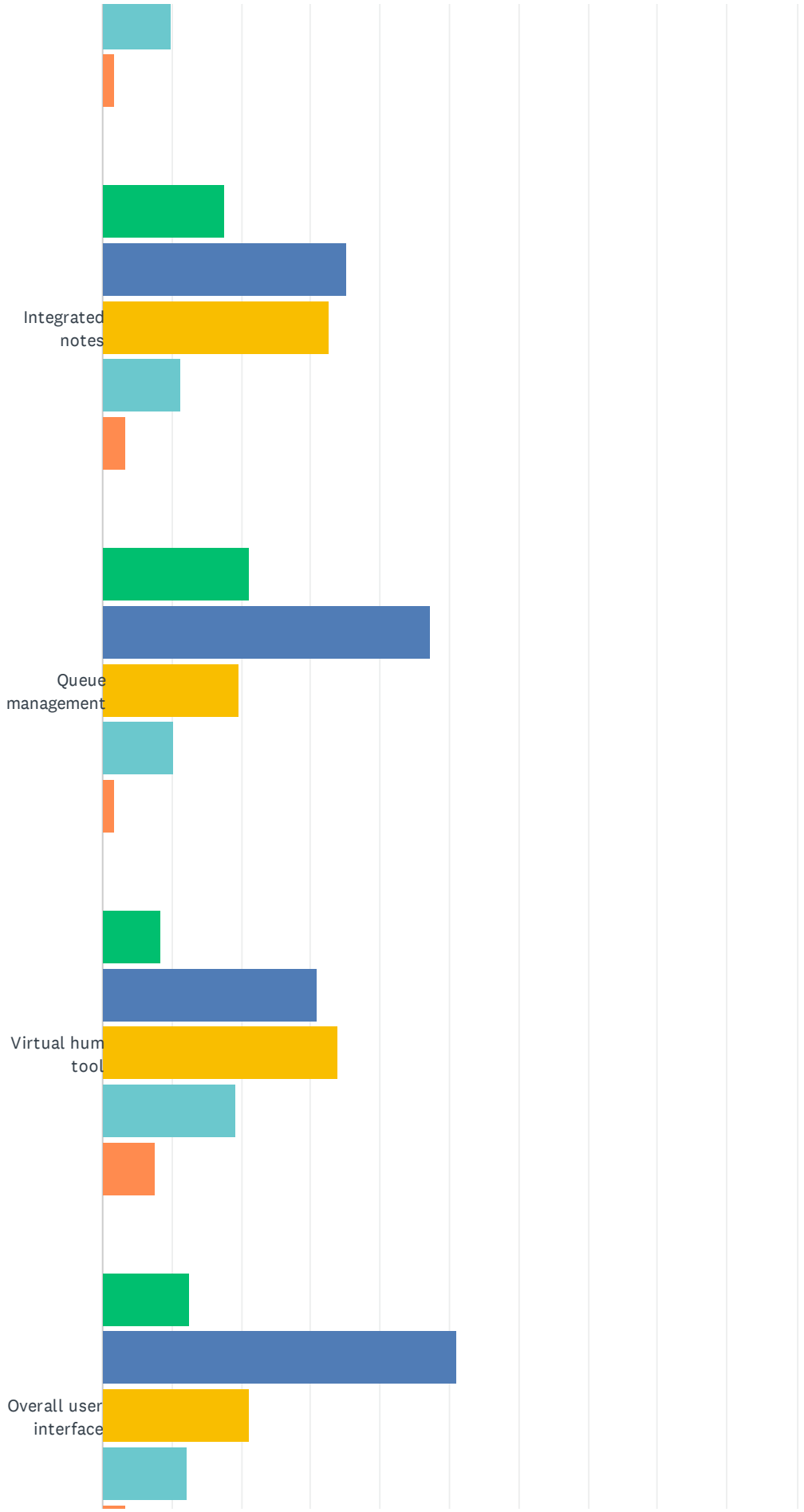


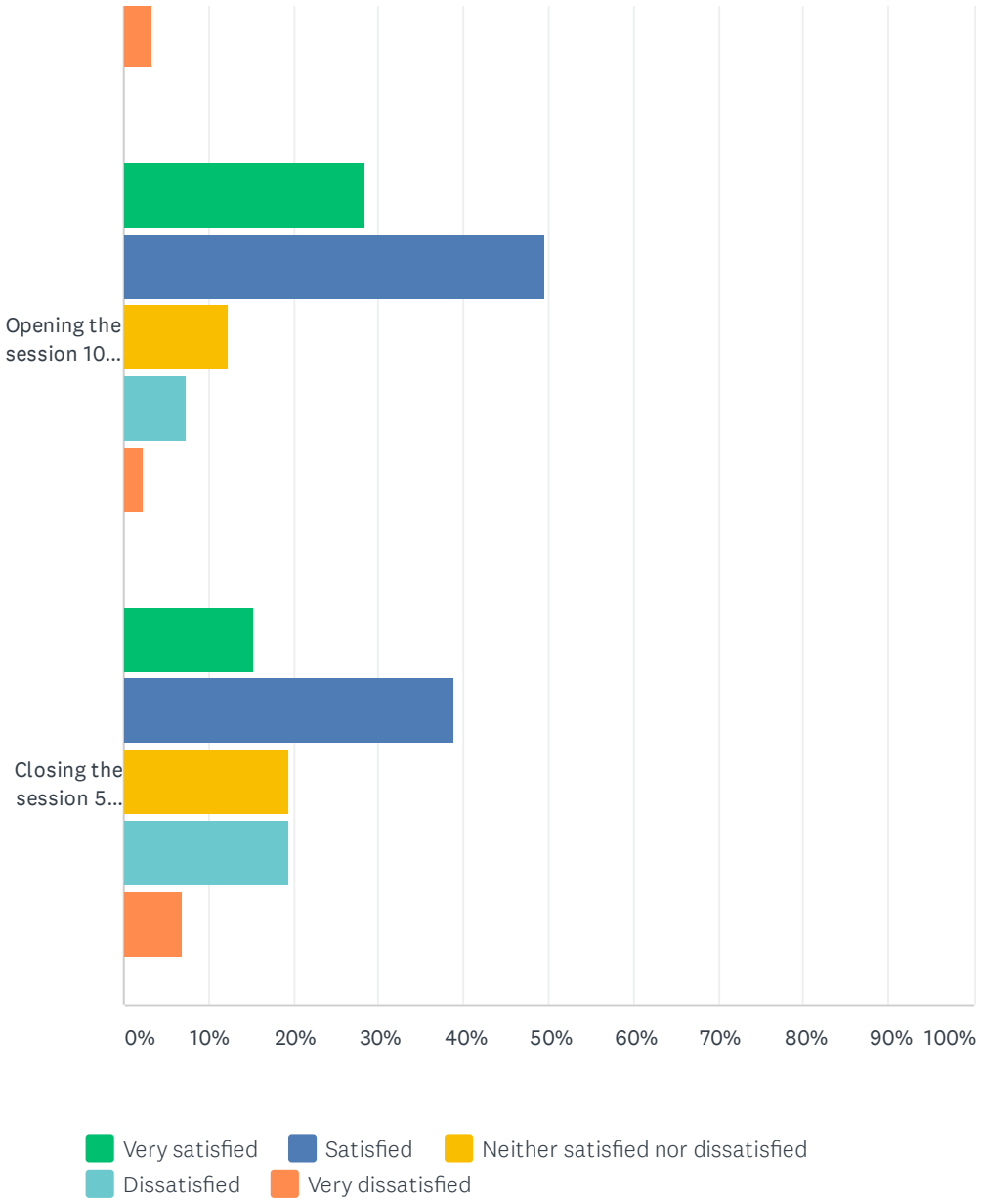
ANSWER CHOICES	RESPONSES	
Managing the queue	34.78%	104
Sharing a screen	31.77%	95
Sending video	41.14%	123
Speaking	79.26%	237
Sending chat messages	91.30%	273
Total Respondents: 299		

Q39 How satisfied were you with the following features of Meetecho? (skip any lines you don't know about)

Answered: 334 Skipped: 48




Integrated notes
Queue management
Virtual hum tool
Overall user interface


Opening the session 10...
Closing the session 5...
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Very satisfied
Satisfied
Neither satisfied nor dissatisfied
Dissatisfied
Very dissatisfied

	VERY SATISFIED	SATISFIED	NEITHER SATISFIED NOR DISSATISFIED	DISSATISFIED	VERY DISSATISFIED	TOTAL	WEIGHTED AVERAGE
Video	33.13% 106	51.25% 164	10.00% 32	4.38% 14	1.25% 4	320	1.89
Audio	35.26% 116	48.63% 160	9.12% 30	6.08% 20	0.91% 3	329	1.89
Screen sharing	28.47% 78	45.26% 124	15.69% 43	9.12% 25	1.46% 4	274	2.10
Integrated chat	31.33% 99	43.04% 136	14.24% 45	9.81% 31	1.58% 5	316	2.07
Integrated notes	17.54% 37	35.07% 74	32.70% 69	11.37% 24	3.32% 7	211	2.48
Queue management	21.03% 49	47.21% 110	19.74% 46	10.30% 24	1.72% 4	233	2.24
Virtual hum tool	8.30% 22	30.94% 82	33.96% 90	19.25% 51	7.55% 20	265	2.87
Overall user interface	12.50% 38	50.99% 155	21.05% 64	12.17% 37	3.29% 10	304	2.43
Opening the session 10 minutes before time	28.48% 86	49.67% 150	12.25% 37	7.28% 22	2.32% 7	302	2.05
Closing the session 5 minutes after time	15.28% 44	38.89% 112	19.44% 56	19.44% 56	6.94% 20	288	2.64

Q40 How can we improve the overall Meetecho experience?

Answered: 191 Skipped: 191

#	RESPONSES	DATE
1	Open the sessions earlier and close later. Provide more time for individual test sessions	8/10/2020 7:38 PM
2	Provide longer breaks with with some after-speaking time	8/10/2020 7:32 PM
3	enable/disable features (chat, slides, video, audio, ...) per tab with multi-tab/multi-device support; support for multi screen setup (e.g. slides on first, chat on second screen)	8/10/2020 7:14 AM
4	Really like integrated jabber. Handling of audio and video was awkward, too many button clicks and delay for audio	8/8/2020 10:07 AM
5	Make more obvious who's speaking. Improve UX of sharing. Enable participants to see both the chat and the participants list simultaneously.	8/8/2020 8:49 AM
6	More flexibility in views: e.g. or me most important is a big screen sharing, list of those who send media (to guess, who is speaking) and maybe those who are waiting in queue as well as audio. chat would also be nice to have on the same screen, but I can work around this by joining with jabber in parallel. video is less important. Thus, I was missing a view with: - a list of those sending media/are waiting in queue on the top left - chat bottom left - screen sharing (slides) on the right hand side and as big as possible	8/8/2020 8:42 AM
7	1) The UI elements need to be much larger, many of us don't have perfect eye-sight and those icons are TINY. 2) Need to be able to see who is speaking (generating audio) not just who could be speaking (i.e., mic on) 3) Need to be able to see the queue and the chat at the same time. 4) Need to be able to better choose what one can see, e.g., as a chair I might want to be viewing codimd, chat and the queue as well as the slides. 5) Need to be able to log in a second time as chair to witness the user experience.	8/8/2020 4:14 AM
8	Virtual Hum tool didn't make sense and people were inconsistent on what it meant. Having a "don't hum" button would help. Showing number of hums and average volume separately would help. Integrated notes shouldn't kick people out when session ends. Better error messages on mic permission issues on OSX would help.	8/7/2020 5:09 AM
9	Video, Audio and scree sharing worked really well (Although for some reason during Tuesday when I had my own WG session, all of the video players started paused, thus I could not see any video or the slides I was presenting out through meetecho, and I did not have time to debug it before the meeting (except restarting the browser, which did not help). Found the problem after my session, i.e. I had to click on each video separately and say play so they started working. This did work automatically on Monday, and also worked from Wednesday forward, so I guess there was some updates done for Tuesdays that broke it). Not beeing able to see the chat and the queue simultaneously, made the chart completely useless, so I had to use separate jabber client to see chat. The Queue management has still issues, for example the queue should have numbers indicating who was there first etc, also asking video without audio is not normally what people want. Might be better to always include audio for video too, but allow easy way to mute the audio when not needed. Also there should always be some kind of indication who is talking at what time, i.e., similar audio level bar that you have when you are talking should be present for everybody who is able to send audio and that should reflect the fact whether there is something coming from there or not. Also having status bar telling the names who are talking "xxx, yyy, and zzz are talking" would be good (especially if someone uses the shouting feature). The icons at the top where you request video and audio were still confusing, there were several people who did not find out how to get themselves out from queue.	8/7/2020 4:11 AM
10	Meetecho is a good basis but it still lacks some of the basic features of professional conference system. We will get there but it deserves the question. Continuing developing/tailoring meetecho for our IETF needs or simply take a professional system	8/6/2020 7:00 PM
11	Allow early access to sessions. Allow sessions to run overtime.	8/6/2020 3:23 PM
12	Make it stable. Sometimes broken and reconnect many times	8/6/2020 3:08 PM
13	The UX here is not just bad, it's horrific. Chat doesn't scroll. You can't see who is in queue when you are looking at chat. I also experienced an issue all week where video failed to render (it was arriving, just not showing) until some random time into the session (usually about 15 minutes). When it came in, it was fine, but generally quite low quality. Why we use video streams for presenting slides when everyone has the PDF is beyond me. Almost every chair got the screensharing wrong when presenting. Integrating notes works, but I see no value from	8/6/2020 2:40 PM

	integration (opening notes in a new tab would be far superior, but you have to go elsewhere to find the URL). The "humming" tool is a farce. If we are going to vote, then we should adopt a voting system that works. This was poorly conceived and implemented.	
14	Virtual hum tool UI needs improvement. It is confusing input / output. It is better to describe options we can choose always in the screen - two levels of hum or wait for timeout for no hum. It initially shows "last hum result" of 5 levels; I thought I can choose my hum from them. However when a hum starts, they disappear and two options appeared. I've got confused there are much less options than I expected and there is no option "no hum". Screen sharing needs improvement. Artifacts (some afterimages like broken MPEG2 decoder) were shown when presenter shows slides in full-screen.	8/6/2020 2:01 PM
15	I used a separate jabber client, not the integrated client. This allowed me to see both the chat and the list of participants, including the list of speakers.	8/6/2020 1:32 PM
16	Every time I get the right to speak, my audio wouldn't be heard until tens of seconds past.	8/6/2020 1:31 PM
17	provide hyperlink to more frequently use webpage (jabber, ComID, etc.), of course 'open in a new page'.	8/6/2020 1:28 PM
18	too many ways to recount	8/6/2020 1:18 PM
19	the hum is not there yet.	8/6/2020 11:32 AM
20	make easier for attendees to see microphone queue depth.	8/6/2020 11:14 AM
21	Chairs should be allowed into the room before the general public, to allow time to get set up.	8/6/2020 7:46 AM
22	Better UX, more guidance on humming	8/6/2020 7:20 AM
23	Virtual hums felt very long. Unclear if hum volume is relative to the number of participants. A "don't hum" option would make it clearer.	8/6/2020 7:20 AM
24	Opening the session earlier than 10 minutes before time would be helpful	8/6/2020 6:08 AM
25	show both chat and queue	8/6/2020 5:47 AM
26	The painful reality is that you've got a long way to go before Meetecho is comparable to Zoom in usability and functionality. This is speaking from the experience of daily Zoom use with groups ranging in size from 2 to several thousand. It. Just. Works. Better.	8/6/2020 4:54 AM
27	being able to see the chat and the list of participants. That said I do not know how handy this could be on a laptop as well as wider screen.	8/6/2020 4:52 AM
28	1. Improve the UI for muting/video off for the user. It's not clear. 2. when the chair turns on a person in the queue - audio should be auto enabled and video too (if the person is sending). 3. UI doesn't allow seeing the chat and the queue and the participants all at once. let the user decide and arrange and even break out windows. 4. many users have dual monitors. allow for breakout windows.	8/6/2020 4:48 AM
29	multiple notebok support, i need one notebook already to full-screen present. Then another one for all the other stuff. Maybe more (don't have multiple screens on single system). Prefer to run chat and notes outside of meetecho, should have buttons to start those two tools outside of meetecho... Lots of possible improvemeents. Amazingly good start though!	8/6/2020 4:44 AM
30	allow to open codi in another window,	8/6/2020 4:39 AM
31	Ditch it in favor of a more standard tool. If you are going to continue to use MeetEcho, then there are a number of serious problems that need to be fixed, including : 1. Several operational defects, e.g., the fact that SSO with datatracker is done in a non-standard, user-hostile way. 2. The UX is different from every other tool in the market, which makes it hard for people to participate and increases the need for bespoke training 3. The support experience is terrible -- from aloof to outright hostile. Problems are often minimized or blamed on users using the product incorrectly. If the product allows the user to use it incorrectly, then it's the product's problem and it needs to get fixed. In addition, even if you're going to keep using MeetEcho, you should work on *reducing* the amount of IETF customization, e.g., the hum tool or reading permissions from the datatracker. These features add minimal value and lock us in to the MeetEcho platform.	8/6/2020 4:15 AM
32	The screen sharing was uneven and had glitches like "infinite screens".	8/6/2020 4:03 AM

33	Allow multiple connections Allow multiple windows instead of iframes Indicate who's speaking Some kind of help for people with poor mic gain -- auto-gain? Or better preflighting? More heads-up that the Safari user experience is substandard	8/6/2020 4:03 AM
34	- show both chat and participants at the same time - show who is speaking	8/6/2020 3:46 AM
35	Open longer, at least for chairs. Queue doesn't lead to good discussion. More people should be able to be on video/audio or give feedback. Chats are not easily tracked by presenter or chairs, so things feel disjoint.	8/6/2020 2:44 AM
36	Allow ability to look at multiple panels. As I remember jabber and slides were mutually exclusive and that needs to be fixed. Also need support for Safari.	8/6/2020 1:33 AM
37	chair control over hum duration, otherwise, meetecho was *amazing*. major strides made in the past couple of years (and remote participation was already pretty good in 2017),	8/6/2020 1:33 AM
38	Speakers' names should be shown when they speak. The icons to ask for the mic or for qeueing should be improved.	8/6/2020 12:49 AM
39	Add a no hum option to the hum tool. It's not obvious that a lack of a hum counts.	8/6/2020 12:16 AM
40	Dial-in numbers	8/6/2020 12:11 AM
41	I'm not sure. Meetecho itself seems fine actually, but it's yet another tool for people to master. So the presentations were messy, and one presentation got canceled altogether. (I attended sidrops)	8/5/2020 11:36 PM
42	1) help with downloading the html and/or .md from notes tool, 2) virtual hum shorter.	8/5/2020 11:27 PM
43	Make audio and video work.	8/5/2020 11:21 PM
44	The hum tool should get reworked. I saw lots of suggestions talked about on list, so I won't list any here. I think there is general consensus that the hum tool still needs some work.	8/5/2020 11:16 PM
45	Open the session 30min before time; this may help people's informal conversation.	8/5/2020 11:08 PM
46	UI is bad, the Meetecho is showing all the persons who have their mic on in the top of the participant list, but only one person is speaking. And it happened 5 people have their mic on and one person is speaking (only chair has video on), how am I supposed to know who exactly is speaking??? That was a fluke.	8/5/2020 10:58 PM
47	Better explain "the hum" to the meetecho team so that they can properly implement it.	8/5/2020 10:56 PM
48	Add support for pre-recorded videos with audio. Separate buttons for request video and request audio and share audio immediately was confusing and error prone.	8/5/2020 10:48 PM
49	Allow me to see: 1) list of participants, and 2) chat messages, at the same time.	8/5/2020 10:41 PM
50	Show more clearly who is talking.	8/5/2020 10:40 PM
51	Allow sessions to overun the 5 minute limit, even if this means increasing the break times.	8/5/2020 10:38 PM
52	When a person is speaking in the queue, it would be good to show his/her mic activity. It often happens that during a person's speaking but we don't know who is speaking in the queue with multiple active persons.	8/5/2020 9:48 PM
53	Fix audio problems (probably mainly in Linux), and with auto-scrolling chat for some browsers.	8/5/2020 9:07 PM
54	Opening the session more than 10 minutes before time would be very useful, especially for WG chairs, but perhaps also for participants, to help test audio, check correct version of slides, etc.	8/5/2020 7:53 PM
55	(1) Either fix things so that a Jabber client separate from Meetecho is not required, including redesign of parts of the UI and use of screen real estate or make sure there is better integration so that people don't show up in Meetecho chat as two identities. (2) Rethink parts of the UI including choices of icons, display of speaker names, queuing for video without audio, confusing queue audio and send audio functions and icons, etc. (3) And most important, make sure chairs (especially) and presenters are sufficiently trained that there isn't in-meeting confusion about how things work, unnecessary queuing and dequeuing of users, etc.	8/5/2020 5:03 PM
56	to solve the following problems： 1. Not easily log in(due to the burden of the platform?) 2. Always logout automatically. 3. Should provide other means to participate(for example, dial in	8/5/2020 1:19 PM

	free via phone?	
57	Not all groups used the integrated notes which was a shame as I thought those that used them did well. It would have been nice to be able to have both the chat and the queue of speakers with the presentation all on one screen.	8/5/2020 12:12 PM
58	Hum tool as already stated above. Open notes in a separate tab, so it can easily be moved to a separate window. Need to be able to tell which open mic is speaking.	8/5/2020 8:52 AM
59	Ability to look at the participant list and the chat at the same time. Ability to open a separate window/tab for the notes.	8/5/2020 6:54 AM
60	Chat and Participant's list/Queue should not be mutually exclusive tabs.	8/5/2020 6:45 AM
61	At all sessions I attended at least one speaker or presenter did not understand that audio and video had to be enabled / disabled independently	8/5/2020 3:35 AM
62	Move to a more conventional joint audio/video control with mutes. Indicate who is speaking. Autocomplete names in the jabber chat.	8/5/2020 3:03 AM
63	Need to know who is currently speaking on the mic. Currently, there is no way of knowing who is speaking on the mic.	8/5/2020 2:28 AM
64	It was fantastic! Very impressed at how it all came together so quickly. I just can't say enough good things. The rooms need to be open earlier and allowed to close later. I feel like we should strive to make this an infinite resource rather than put ad hoc limitations here. I don't think we need to literally replicate the hum, just use a typical poll feature, please. We shouldn't be nostalgic about humming to the point of losing newcomers. I'd be interested if anyone actually used the queue jumping audio feature. I can think of a lot of ways it could be misused and/or abused.	8/5/2020 2:05 AM
65	A clear indicator when I am muted.	8/5/2020 1:59 AM
66	close the sessions later	8/5/2020 12:58 AM
67	The chat is overwhelming if, for example, you watch the slides for 10 mins and then need to catch up on chat. Could the chat maybe have a reply-tree structure to group related comments?	8/5/2020 12:58 AM
68	Close sessions 15 mins after.	8/5/2020 12:39 AM
69	Virtual hum tool is bad joke. It needs very explicit definition of rules so participants can consciously decide how they hum. At the moment there is simply not enough info what the two participant-facing buttons do, what participant should do if he/she wants not to hum at all (and thus decrease overall hum level) etc. etc. The integrated chat is really not up to 21st century standards. It is a little window which is hard to navigate, especially when a lively discussion with many WG participats is taking place. Screen sharing in dnsop WG has terrible video artifacts and was really hard to follow slides.	8/4/2020 11:52 PM
70	The experience is not the same as a function of the browser. Firefox bugs to see shared screens and audio loss while this works fine with Chrome. Likewise, when behind a VPN, firefox failed to have audio/screen while there is no issue with Chrome. I spent a lot of time suffering with the FF experience before deciding to install Chrome in the second meeting day after many issue during the ipsecme session, in particular. Harmonizing the experience would be great. To that aim, I hope that we gain more experience by using meetecho for our interims instead of waiting for the full ietf week.	8/4/2020 11:45 PM
71	- threaded chat discussions. - buttons to select video/audio/mic 'in-flight' not just pre-flight, for all browsers including firefox. - simultaneous display of Codimd (notes), chat, video and slides. - make it easy to gain control of the screen: instead of two operations (take, give), make it just one operation. Add abuse controls later.	8/4/2020 11:41 PM
72	Sharing of recorded videos (audio+video)	8/4/2020 11:09 PM
73	The person who is speaking should be marked in the UI better. Perhaps a waveform next to the person tile can show who or whom are speaking. Now it is only shown to the person who is actually speaking, I think.	8/4/2020 10:46 PM
74	Meetecho was very resilient; that was excellent. People with poor connectivity were able to refresh/rejoin almost seamlessly in some cases. Some people clearly found the unlabelled	8/4/2020 10:37 PM

	buttons for sending video/audio confusing, so labels or mouseover text would help.	
75	Identify who's speaking; make the audio and video share buttons different colours; add a button (e.g. red) that shares both video and audio at the same time, so the chairs can say "click the red button if you want to share video"; allow chat to be seen at the same time as audio queue.	8/4/2020 9:36 PM
76	I think the virtual hum tool was a mistake as specified (there's plenty of discussion on that) Most of my issues are around poor user experience design in the interface - it was much more difficult than necessary to track who was doing what - and the fact that meetecho asks for permission from the browser every time someone is connected in adds to the hiccups in the experience. Having said that, the concepts are good (except the hum tool spec), but the implementation was lacking.	8/4/2020 9:01 PM
77	Separate screens (windows) for video (shared screen), speakers, participants, chat, hum seems to be more useful. I used Meetecho on browser and Jabber application separately (as some others did).	8/4/2020 8:59 PM
78	Allow to move pieces on other screens, e.g., the speakers video or the slides; allow to see the queue (participants) at the same time as the chat. Indicate clearly who is speaking. Remove the bar that indicates who's screen you're seeing after a few seconds (it stays there and hides a piece of the screen, a bother in full screen mode)	8/4/2020 8:30 PM
79	They need a proper UI redesign. The tech works, but the usability is shit.	8/4/2020 8:17 PM
80	BUG: when I have a 1:1 chat with another user and he wents offline - the text 'the user is offline' or something similar, don't remember, overlaps the text of his last message and thus I can't read it. Any user status should be printed either in the chat title bar or in the chat itself as a message text.	8/4/2020 8:08 PM
81	leave more than 5 min to close if possible	8/4/2020 7:57 PM
82	Chat - not easy to see previous comments (but much better than webex). Sessions should cut off at exactly end of time (see earlier comment)	8/4/2020 7:52 PM
83	When chairing seeing the Mic queue as well as other tools would have been really useful.	8/4/2020 7:36 PM
84	The icons can be improved (especially the manage mic as chair vs. join queue icons look very similar), it would be nice to have notifications of new messages in private chat windows.	8/4/2020 7:23 PM
85	queue management and chat need to be visible at the same time on the screen. It's more important than video.	8/4/2020 6:44 PM
86	Meetecho consumes massive amounts of CPU on my notebook vs. commercial tools like Zoom. I suppose that's the end to end encryption though?	8/4/2020 6:42 PM
87	Training for chairs	8/4/2020 6:08 PM
88	Highlight who is talking at any given time. Make it so you don't have to give individual permissions when entering queue.	8/4/2020 5:39 PM
89	Integrated notes could also provide a link to a new window	8/4/2020 1:49 PM
90	a better description of the hum would be useful	8/4/2020 12:40 PM
91	Answers earlier about documentation - if I hit Previous, this survey will probably clear all my answers - a couple of minutes survey duration went by at least 20 minutes ago.	8/4/2020 12:39 PM
92	better feedback to show when your mic and camera are live some way to test mic and camera setup	8/4/2020 12:17 PM
93	Sometimes the screen sharing worked; sometimes it didn't, alas. At the last minute, I had display slides for others, which meant that I couldn't really tend to other things going on during the session. Loved the count-down timer until when the session began; would be great to extend this to adhere to a chair-inserted timer value for each speaker/presenter, and to display the end time of the session more prominently somewhere. The icons for various features are somewhat cryptic compared to other conferencing tools.Really appreciated the queue management being built in. Same with the jabber and the note taking. HOWEVER, use of codimid, makes it hard to see anything else while taking notes. It would be nice if it were displayed in the same manner as the jabber/chat window, in that you could view the shared	8/4/2020 12:13 PM

	screen content at the same time as taking notes. Another tweak that could help is to have some history of the scroll bar for the jabber and note windows. Everytime I popped between the main screen display and opening up the jabber window, the jabber window would begin at the top. Sooo I would have to scroll all the way to the bottom of the window AGAIN to see what was going on. Would prefer to toggle between various windows and have MeetEcho remember where I was the last time I viewed the minutes or jabber. The hum tool needs more modalities and options; abstain mode, vote mode, a counter of how many folks are in the session vs how many have "hummed/voted" so far. If there were a little more tooling in Meetecho, i.e., that sync'ed with an agenda format, Meetecho could queue up the speakers/authors in the queues auto-magically based on the time.	
94	Open the tool sooner for chair setup; better Mac integration; Don't use tabs for chat, queue, sharing.	8/4/2020 12:00 PM
95	don't close the sessions so abruptly; let the chairs close the session when they think it's time.	8/4/2020 11:57 AM
96	Having to keep scrolling down in the chat is cumbersome. There should be an obvious way to return to watching "now" in real-time.	8/4/2020 11:43 AM
97	For the first time for heavy use of new tooling, the experience was modestly smooth. Most of the issues were either unfamiliarity with the UI as a participant, or UX issues. The UX issues will take some work. I'll summarize them as: - It is not possible to monitor participants for queue management as a chair and the chat room simultaneously. - It is not possible to use the minutes tool (codimd) at the same time as a presentation is running - The UI needs to not use red/green colors due to accessibility problems for red/green color blind individuals. - The UI desperately needs a "summon person to mic" feature so that you can force someone's mic to prompt to go hot. These things mostly address smoothness of room management.	8/4/2020 11:22 AM
98	1. visual indication of audio (speakers mic icon shows level). every other video conf app I've used has this 2. name overlay on video. works ok when it's 1/2 people (chairs), or you know everyone, but trickier when you don't. useless when it was 3-4 people, as only the first few fit in the single vertical column on my screen. 3. chat window not very useful in chatty sessions. can't manage width, scrolling, font, etc. jabber char more useful.	8/4/2020 10:47 AM
99	The chat and queue really need to be visible at the same time without running a separate Jabber client. Queuing for video should also by default queue for audio. Enabling someone in the queue should be one click to enable either combined a/v or just audio.	8/4/2020 10:38 AM
100	1) Allowing the chairs to see noise coming in on each of the people with open MICs. As a chair I use this frequently on WebEx to silence people who are generating noise even if they are active in discussions 2) The hum tool did not produce usable results. 3) I had several events where I did not think I was in an open mic situation, but the client thought I was. I had a couple of times where I had audio in my headset just fine, but could not speak even though my mic was supposed to be working. In those situations I did not have an active bar-graph. 3) A method to open the notepad into a separate window would be useful. 4) Jumping back and forth between the chat and the participant queue, I never remembered that I should jump to the bottom. Doing so automatically rather than remembering where I was would be preferable. 5) Having a low level set of noise during the pre-meeting would be useful as I would then know that I was receiving sound.	8/4/2020 10:22 AM
101	no time limit.	8/4/2020 10:18 AM
102	Ability to self-step away from the mic.	8/4/2020 10:16 AM
103	Audio+Video button for chairs to let people start talking instead of two separate buttons. It'd be nice to have numbering/etc on the queue, because I was unsure who was at the bottom vs top of queue.	8/4/2020 9:55 AM
104	Show who is speaking at the mic. Make it clear when you are sending audio (icons could be clearer)	8/4/2020 9:53 AM
105	the all-in-one browser screen is nuts - should be able to have windows for chat, participants, queue and screen sharing. Talking heads and content sharing should be split.	8/4/2020 9:52 AM
106	The integrated chat should be optional. I prefer to use a separate jabber client.	8/4/2020 9:51 AM
107	Not sure how to solve the time problem without significant resource expenditure. It would be nice to open early, and to be a little less strict on the close. I understand why it was necessary, and appreciate the work that was done.	8/4/2020 9:49 AM

108	I think the tool worked great and it's a huge improvement over the past meeting. The more you used the tool over the week the more familiar you got and something that was was tricky at the beginning (like the meaning of some buttons) became clear as time passed. I love the fact that the tool doesn't take your webcam busy for the while session but it only gets it if and when you need to use it. But I suggest that the webcam and mic should be acquired when you choose to enter the queue rather than when you're allowed to speak by the chairs.	8/4/2020 9:49 AM
109	Apps. Honestly, zoom is a million times better. I don’t understand why you are using meetecho unless it’s to maintain the relationship.	8/4/2020 9:45 AM
110	Allow some of the windows (e.g. chat) to be shown at the same time in their own window. Only having the tab to switch between chat and participants is cumbersome	8/4/2020 9:43 AM
111	The UI to enable video and audio together needs to be better; there needs to be a better UI to show the current speaker	8/4/2020 9:41 AM
112	The hum tool needs a "choosing not to hum" option, since the consequences of not selecting a hum are not obvious.	8/4/2020 9:40 AM
113	Allow the display of both chat and participant names at the same time	8/4/2020 9:39 AM
114	The tool user interface can be improved. For example, queue information is not visible to participants (while in a real meeting we see who has queued up)	8/4/2020 9:38 AM
115	I think you should consider using a standard tool. However, if you continue to use Meetecho, then: (1) there are a number of actual operational defects that need to be fixed (e.g., login problems at the datatracker) (2) the UX is deeply idiosyncratic, which makes it hard to use for people used to other tools (e.g., the tooltips, queue management, etc.) (3) the support experience needs to be improved; too often issues were either brushed off or minimized.	8/4/2020 6:59 AM
116	While I understand cases when someone would want to send video but not audio, it's the minority. Add a third button, "Join the video and audio queue" so people only have click a single button. Better yet, make the UI consistent, everyone has a "video" window, but if they choose not to send video, it's just a fixed image of their name or initials (c.f. Webex, Zoom). We need to know who is talking. Also, meetecho keeps setting my mic gain way too high, and I have to go into my OS settings to fix it.	8/4/2020 12:44 AM
117	better UX, better video and audio controls	8/4/2020 12:40 AM
118	Session chairs really need to see the queue, the chat, the shared screen, and the notes at once. This may not be possible on a single laptop screen. Some of the UI choices are confusing. Icons for share screen, raise hand, and send audio and video are very confusing. Enabling send video should also enable audio The chat doesn't give any clear indication when there are new messages, and doesn't scroll clearly Needs better integration for pre-recorded video	8/3/2020 10:46 PM
119	I' d like to know right away whether I'm muted or not and what button I need to hit to be muted. Also, the "queuing" wasn't all that intuitive - because of what I wrote first: I wasn't sure whether I was queuing or accidentally unmuting myself ..	8/3/2020 9:59 PM
120	* better indication of the current state (who is speaking, audio/video on) * take participants' photos from a site managed by IETF rather than Gravatar * give more precise (numeric) indication of virtual hum results	8/3/2020 9:40 PM
121	UI can be made better: - find a way to keep the speakers and queue (not necessarily all participants) visible when using the chat - autoscroll the chat when new messages arrive - show the entire chat history when you (re)connect - visibly show who is speaking somewhere on the screen - have single audio+video queue and send buttons (perhaps single queue and speak buttons + a toggle to decide if it's a+v, a or v) - not sure why it needs 500 kbps to show a static slide	8/3/2020 9:36 PM
122	The hum tool is both hard to find (I've spoken to several people who turned on their mic and started humming) and hard to use (nobody appears to know what the respective effects of 'not humming' and 'humming softly' are)	8/3/2020 9:02 PM
123	So first of all active speaker indication so that one can determine who speaks now + also audio levels to understand which active media sender is causing disrupting noise. Integrated chat is not useful as it can't be shown when one is managing media queue or need to understand who is speaking. In general I think the layout or potential to control it needs be	8/3/2020 8:53 PM

	though about. I joined jabber and codiMD in dedicated app and other browser window to be able to focus on queue and who is speaking. Joining queue with video should auto join audio also. The controls with individual media is non-intuitive. The audio had some quality issues. One common thing is what sounds like clipping of beginning and end of words, like a very aggressive voice activity detector. But, I think it is likely to be a combination with certain transport characteristic. It also had occasional cut outs that might be due to transport delay or losses. However, they where usually several seconds long which could indicate that they are other issues here. I hope Meetecho team has instrumented things well so that they actually have detected some of the issues in the media path.	
124	At first, it was not intuitive to have the function description in the upper right while hovering over a button. The Web UX would be to have a tooltip at the place where the mouse is. Also, I would have liked to be able to follow the chat and see people lining up in the speaker queue at the same time. Currently, only one of these is visible at a time. Other than that, ME and the ME support staff were really good.	8/3/2020 8:29 PM
125	Screen sharing quality was horrible, low resolution and slides were not always readable when small print was used. Compression artefacts. Inability to resize the slide viewer (=had to full screen to get good size). It seems like slides are streamed as compressed video instead of proper compression mechanism suitable for screen sharing. Should invest to proper mobile app that can play on background! Even if it is just one of those webkit wrappers. Chat window is too narrow. UI is really horrible. Should have clearer icons (or text, we can read...). Should have clear mute control to prevent accidents.	8/3/2020 8:06 PM
126	Meetecho has made a huge improvements in their product and it looks great. However, there are some issues, both design (e.g. inability to use chat and queue at the same time) and stability (it happened that video freezed or audio disappeared from time to time).	8/3/2020 7:47 PM
127	Make it easier to view participants (queue), chat, and minutes at the same time. Pop-out windows? Tooltips close to the pointer, not at the top of the window.	8/3/2020 2:48 PM
128	There where sessions that where not open 2-3 minutes before the scheduled start.	8/3/2020 12:20 PM
129	Show the name of the person speaking. It was quite difficult to know who was speaking especially if the person is not on video.	8/3/2020 3:58 AM
130	Show the name of the person speaking - irritating given no one says their name either. Chrome does not auto-scroll the text chat; safari does.	8/2/2020 10:38 PM
131	Allow the chairs 20 minutes in before, to test every button ;) and set everything up	8/2/2020 9:01 PM
132	Chairs in particular should be able to log in from more than one computer. Having the slides in one place, the queue management in another, and the chat in a third would make things much better.	8/2/2020 9:05 AM
133	UI suggestions re: queue management sent to tools-discuss. Problems with hum discussed on 108attendees and wgchairs. Need the ability to see chat and participants at the same time. Your own video should be mirrored.	8/2/2020 8:59 AM
134	I find the state of the buttons to be 1000% counter-intuitive. They indicate the action taken if pressed rather than the current state (and switching to the action to be taken when the mouse hovers).	8/2/2020 8:34 AM
135	Redo the whole user interface so that it is intuitive. Maybe consider developing a downloadable client if the user interface issues occur because of limitations in WebRTC.	8/2/2020 6:00 AM
136	- open more than 10 mins ahead - allow to run as long as needed - more resilient in the face of variable network conditions (eg wifi) - not as good compared to tools like Webex/Teams/Zoom	8/2/2020 2:12 AM
137	Add something that identifies who is speaking !	8/2/2020 1:54 AM
138	Better UI signaling that a participant is muted/not sharing video. Better icon (wish I had a suggestion though) for the Hum tool. Have the Hum tool pop up when the chair requests a hum.	8/2/2020 1:22 AM
139	Need to have a way of displaying the “live” agenda running order, as sometimes the chairs change the order on the fly eg if one speaker is having technical problems. Need a way to send an alert via sms or email or whatsapp each time the next speaker is about to talk, as sometimes I might only be interested in some of the talks within a given session	8/1/2020 10:01 PM

140	Note that complaints at this stage are an indication of how successful Meetecho was. The UI needs some polish especially considering people running on small screens. Would be great to be able to pop out the different windows (e.g., have chat as a separate screen, be able to see presenter's screen and use minutes at the same time, etc.) A **LOT** of people were confused by the fact that everyone on the speaker floor shows green with a microphone icon, but when you join the floor you show green but without the icon. This caused people to click on the microphone button again which ejected them from the floor. (A simple fix of showing the icon would do it.)	8/1/2020 8:54 PM
141	The session I attended was only opened 5 minutes before time rather than the promised 15, which was confusing. Audio seemed to cause problem for multiple participants. The UI could be improved by borrowing some terminology from zoom. e.g. mute/unmute is better terminology than that used by Meetecho. Overall, compare the reliability and simplicity of zoom.	8/1/2020 6:16 PM
142	The most critical feature I found missing in Meetecho was there was no way to know who was speaking currently in the user interface.	8/1/2020 5:08 PM
143	Improve the UI, help from UI experts. Feature request - (1) who is speaking in audio (2) opening of codimd in another browser tab from meetecho (3) ability to move things around and arrange the screen (4) Multiple logins to same session (5) sending video enables audio automatically (6) allowing chairs to send request to participants to send media (7) cut off mic queue indicator (8) ability to have some sort of timers to manage sessions better	8/1/2020 3:58 PM
144	I much prefer Meetecho over Webex. That said, it might be better to let sessions extend 10 minutes rather than five.	8/1/2020 10:36 AM
145	allow for sessions to go 10-15 minutes into the virtual break as decided by the chairs (there are no cookies to run for)	8/1/2020 10:11 AM
146	It would be useful for chairs and presenters to get a back-channel from the audience to replace what you usually get as nods, frowns, bored Yeah-get-on-with-it looks, applause for getting an RFC published, heckling, and shows of hand. The shows of hand ("Who has read this draft", "Who plans on reviewing it") were occasionally handled by asking those to join the queue w/o actually admitting them; that worked well. For the rest, maybe (and this is just an ad-hoc idea) there could be a palette of reactions (thumbs-up, frown, nodding, cheers, fireworks, smile, possibly puking) that would be visually shown without direct personal identification and in a summarizing way (many nods in a short period of time just give a bigger nod). I'm unaware of any tool that does this, just think it might be useful and fun to work with.	8/1/2020 9:47 AM
147	It would be nice to see the name of who is speaking somewhere on the screen.	8/1/2020 8:49 AM
148	The session should be opening at least 15 minutes before time, at least for the chairs. The session should be closing at least after a same amount of extra time, say 15 minutes. When entering overtime, a countdown should be displayed to all attendees, showing the hard closing of the session as approaching. The tool should *really* display the name of the person currently speaking.	8/1/2020 8:24 AM
149	I won't repeat many of the suggestions already made. I think that we need a novice and an expert mode. Novices (and some curmudgeons who run MS-windows) seem to need to have everything in one window. They also think they can participate on a laptop on wifi on the kitchen table, btw. People with a clue know: they need a desk, it should have two monitors, and they need a sensible window manager that lets them overlap things. They don't use meetecho for chat, or taking notes. Being able to project PDF directly without screen sharing would lead to a more consistent presentation experience, enable clicking of links, and eliminate much of the can't-use-a-computer problem that some WG chairs and participants have.	8/1/2020 8:17 AM
150	Integrated notes display should not replace slide display. With current design, opening CodiMD in a separate window to deal with notes provides a better experience.	8/1/2020 8:13 AM
151	Stop having abrupt ends to meetings. Notes aren't really integrated Add a "show of hands" tool	8/1/2020 7:50 AM
152	Requesting video should request audio automatically, with the ability to separately mute/unmute audio. There should be an obvious indication of who the active speaker is, and that should be visible even if you have the chat or hum view visible.	8/1/2020 7:27 AM
153	Allow rearranging of the sub-parts of the window - e.g.let me make the slides bigger when fonts	8/1/2020 7:23 AM

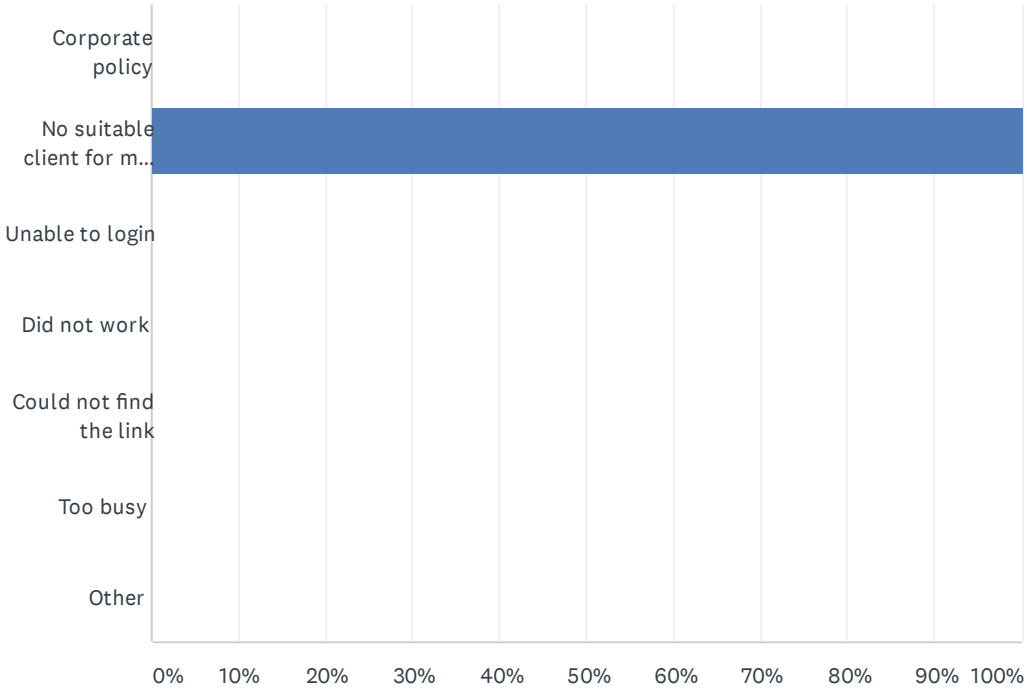
	are too small. Also, I loved that I could join jabber from a normal client, also.	
154	More stability, less audio clipping, ability to see chat and queue at same time, simplify the process of entering/speaking/exiting the queue. It is way to many button clicks with slow response times and poor feedback mechanisms	8/1/2020 7:21 AM
155	Add automated text to speech in a scrolling window.	8/1/2020 7:18 AM
156	Window has lots of blank space and no obvious controls to move and reshape content .. selectively closing video streams would be helpful.	8/1/2020 7:12 AM
157	There are significant UI issues that need work. People had a lot of trouble figuring out when they could speak, or which buttons they needed to click to participate. Often the participant or chair would activiate someone's audio, just to have the opposite person accidentally deactivate it.	8/1/2020 7:05 AM
158	more flexible session time	8/1/2020 7:04 AM
159	Try to indicate to speakers when the initial delay while stay can't be heard yet is over, so beginning of statements doesn't get cut off.	8/1/2020 6:44 AM
160	ensure the "send video" also includes "send audio", as that is clearly what too many people including me expected. Many "you are muted" issues. Need much more "in your face" indication of this status needs to work better for people presenting in full screen modewith screen share. Too many people had problems. when switching from participant list to messages, you lose the queue+presenting info, which I would prefer to always be visible.	8/1/2020 6:33 AM
161	1. Allow people to save Chat notes and private chats you participated in. 2. Editing notes was buggy (text keeps jumping around).	8/1/2020 6:29 AM
162	additional OpenID and browser testing needed - we're still early in development and the tools are dealing with multiple browser implementations of WebRTC, many unknowns on individual desktop sets ups, and complicated attributes flows. Surprised it went as well as it did given the time constraints .	8/1/2020 6:20 AM
163	Separate buttons for sending video and audio are not a great UI design choice. Other than that it worked pretty good.	8/1/2020 6:15 AM
164	Allow multiple logins so I can see the presentation, chat, notes and gallery view all at the same time	8/1/2020 6:13 AM
165	keep at it	8/1/2020 6:12 AM
166	See the zillion of notes on mailing lists	8/1/2020 6:04 AM
167	Tons of proposals in tools-discuss, won't repeat them here	8/1/2020 6:01 AM
168	Need to know who is speaking	8/1/2020 5:57 AM
169	Make it so that when you send video, you automatically ALSO send audio, instead of having two different buttons. I understand the reason, and I support continuing to have a button that only sends audio. BUT, when you send video, 99.9% of the time you ALSO want to send audio. So make THAT button do BOTH video and audio. Also, allow the chat and participants lists to BOTH be displayed at the same time. There were times you wanted to see the participants list to see the queue... but you also wanted to see the chat.	8/1/2020 5:40 AM
170	Well known answers, but: 1: display who is sending audio, 2: better display for when *I'm* sending audio (make background red), 3: default to sending audio when sending video, 4: put the tool-tip on the current button.	8/1/2020 5:35 AM
171	Make the Mute control more obvious.	8/1/2020 5:31 AM
172	It would be useful if the speaker's name indicated, with a lit up rectangle or a different shade of blue. One had to infer the speaker's name by ethnicity or otherwise.	8/1/2020 5:25 AM
173	Even though I had unused space on my screen, I could not use it to see both participants and the chat at the same time. Sometimes the UI feels home made, it is not always intuitively clear what all buttons do. The humming tool is more an oracle, in real meetings, humming is not entirely anonymous and for questions like 'how many people have read the ID' or 'who is planning to implement an ID', anonymous humming is pretty much useless.	8/1/2020 5:18 AM

174	The IETF should use an off the shelf tool with enough of a user base to capitalize a better product. We don't want this to be as embarrassing in 3 years as datatracker is just because of perceived need for bespoke features. I experienced the following problems: * Tons of audio clipping from people I wanted to listen to * Tons of long lags between people getting access and actually being able to speak (especially for people in far flung locations like Austailia) * Many orphaned shared screens not sharing anything but taking up real estate all session * When I was running a queue I hit the wrong button multiple times because of reflow * permissionless mic access was abused - enforce the queue for access * the insane limitation about rooms being forced closed or opened late because their audio overlaps with other sessions. Have we run out of integers? Chairs should open and close rooms on demand. * Many people are unable to figure out how to grant necessary permissions, or stumble with it every time they speak - leading to many abandoned speakers each session. * Video with a muted audio channel is a standard UI; making video and audio separate just leads to speakers being told multiple times a session they need to send audio explicitly. * One session I was in (IRTFOPEN) used pre-recorded videos that had many compatibility problems for clients. The pre-recorded video is a nice idea (as the speaker can real time chat) for some kinds of content. * obviously the segmented UX for the chat, notes, and screen share is a real problem.	8/1/2020 5:16 AM
175	Make it more clear if my mike or video is off.	8/1/2020 5:13 AM
176	Being to login to the same session from different browsers Hum tool (many discussions on the WG chair list) Reliability: on Thursday a few people got disconnected from netmod Indication who's talking	8/1/2020 5:11 AM
177	Don't cut sessions abruptly. Provide role-specific user-guides/training. Provide browser recommendations.	8/1/2020 5:00 AM
178	I support the suggestions from others in emails and chats for feature fixes. Top ones: show queue and chat at same time, better support for smaller screen (e.g. iPad), easy audio/video test when logging in	8/1/2020 4:56 AM
179	Biggest way: Allow us to join the session more than once from multiple devices. So many ways. A/V configuration options. Screen sharing was buggy and didn't support external displays correctly. See all the tabs at the same time.	8/1/2020 4:53 AM
180	Better window management, view queue and chat at the same time, better icons	8/1/2020 4:52 AM
181	CodiMD should run in a separate window so that it can resized and viewed contemporaneously with the video and slides. An indicator of which media sharer is producing audio (ala Webex) would be helpful when there are multiple speakers. Ability to see both the chat and the participants list (or at least the top of the list) would be helpful.	8/1/2020 4:46 AM
182	Meetecho is extremely buggy and unintuitive. Audio, video, and screen sharing would just cut out after a while (not all at the same time). Yes, refreshing the page brought it back, but I didn't want to have to do that every 20 minutes. Also, when I spoke, I heard myself echoed back through my headset, but since no one else appeared to hear the echo, it doesn't seem to have been due to someone else have their speaker on. This was extremely distracting, and I could barely get my question out.	8/1/2020 4:45 AM
183	mobil phone support for Meetecho	8/1/2020 4:41 AM
184	Please continue to stop the sessions 5 minutes after the time they're up. If you let it go longer the chairs will manage time even worse than the already do.	8/1/2020 4:40 AM
185	the interface needs additional review and evaluation to smooth out common pain points: * hum tool was awkward to use * requesting audio/video seemed too disconnected from each other * lack of a mute (ending audio was the only choice)	8/1/2020 4:39 AM
186	As always the audio channel has issues. Need to reduce the bandwith.	8/1/2020 4:33 AM
187	various ideas on tools-discuss. biggest one: a single unified "new features list"	8/1/2020 4:29 AM
188	Have meetecho document which ports it uses. My corporate firewall blocked streams which does not occur on non-bespoke WebRTC solutions. Improve the UI to enable watching both the queue + jabber Provide the means to count the number of raised hands (e.g., how many people have read the document)? There didn't appear to be comfort with the humming tool There was UI confusion on requesting video (but not audio)	8/1/2020 4:28 AM
189	Lots of little tweaks could be made. The built-in jabber interface is much appreciated, but	8/1/2020 4:26 AM

	there's not enough screen space to follow the messages that people send. I wondered why the scribe felt it necessary to summarize/transcribe the jabber logs - if they're not all being logged together (so they can be played back in sync) it seems like this should be fixed, but I haven't checked to see whether this is the case. Still, I'm blown away (in a good way) at the effort made by the meetecho folks and the ietf folks that were advising them, and am incredibly pleased that so much progress was made in such a short time. I personally found the experience nearly seamless.	
190	Ability to see both jabber and participant list at the same time. Indicator of who's currently speaking (esp. for audio-only speakers). Low-bandwidth mode that disables all video streams. Put text of what is being hummed on with hum tool. Allow chairs to set duration of hum. Add "no hum" option.	8/1/2020 4:24 AM
191	Please allow chairs to see both the chat and the queue in parallel without extra tools.	8/1/2020 4:23 AM

Q41 What was the main reason for not using Meetecho?

Answered: 2 Skipped: 380



ANSWER CHOICES	RESPONSES	
Corporate policy	0.00%	0
No suitable client for my setup	100.00%	2
Unable to login	0.00%	0
Did not work	0.00%	0
Could not find the link	0.00%	0
Too busy	0.00%	0
Other	0.00%	0
TOTAL		2

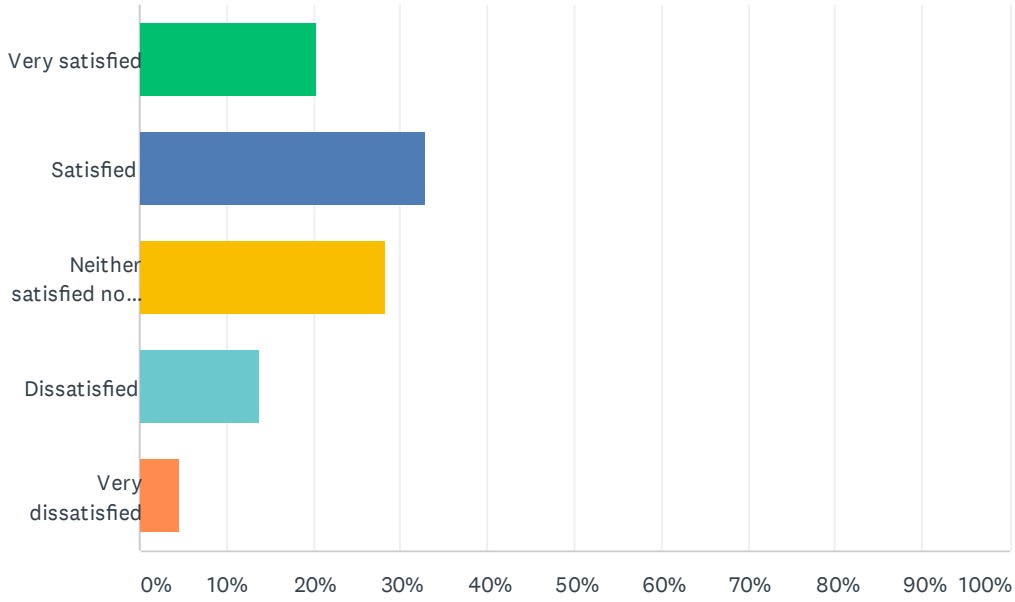
Q42 Please provide any relevant details

Answered: 0 Skipped: 382

#	RESPONSES	DATE
	There are no responses.	

Q43 How satisfied were you with the overall gather.town experience?

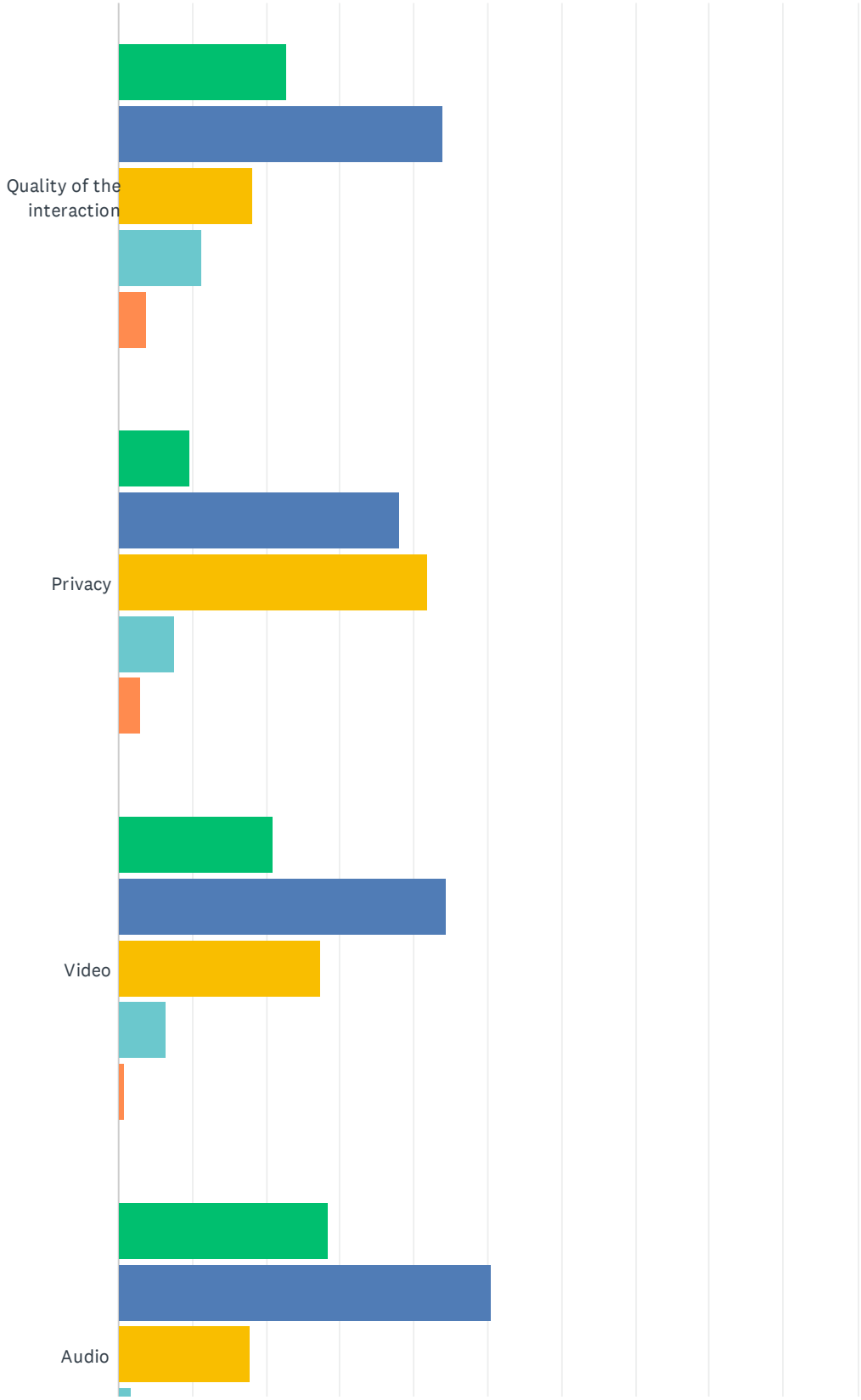
Answered: 152 Skipped: 230

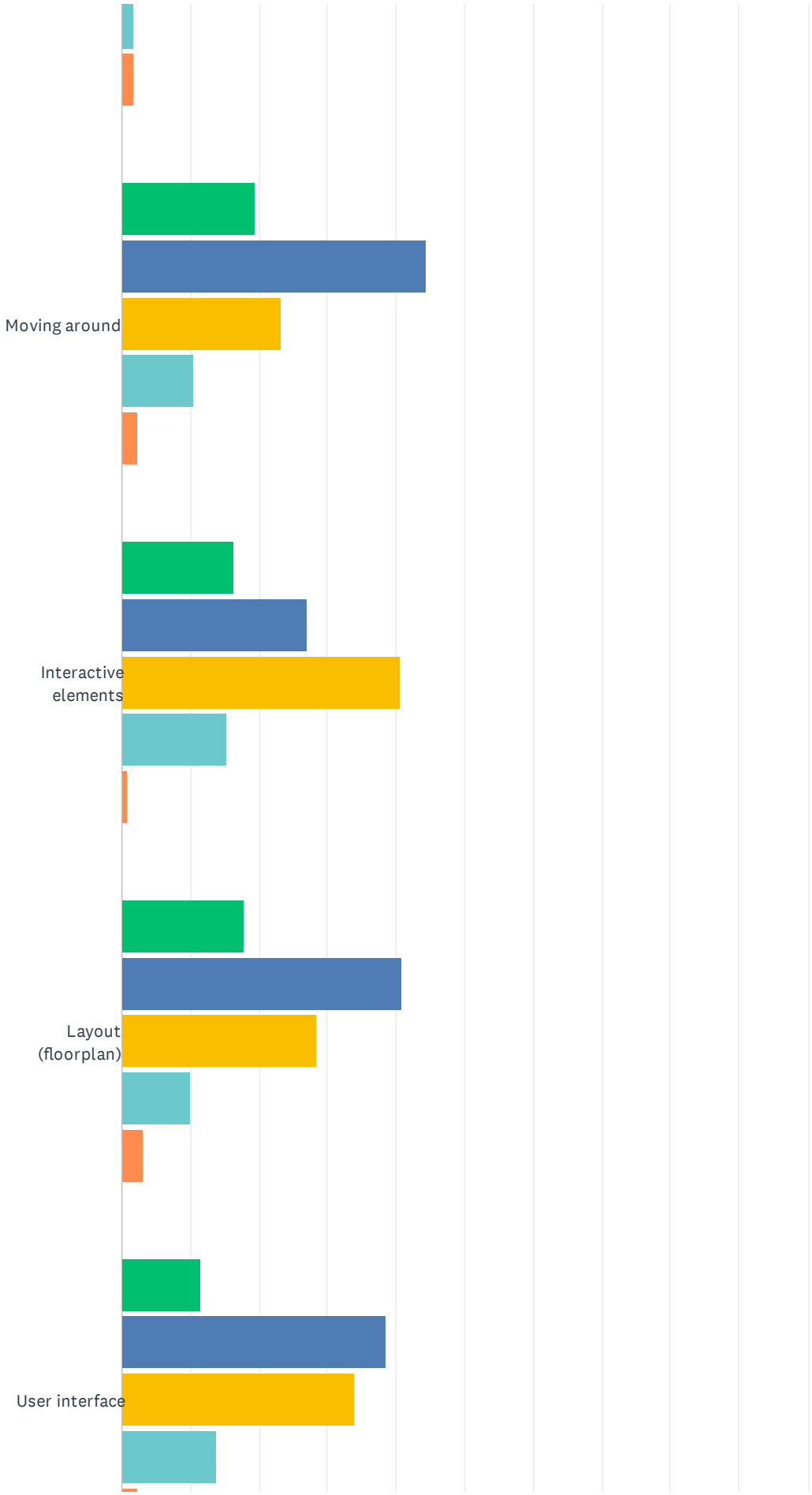


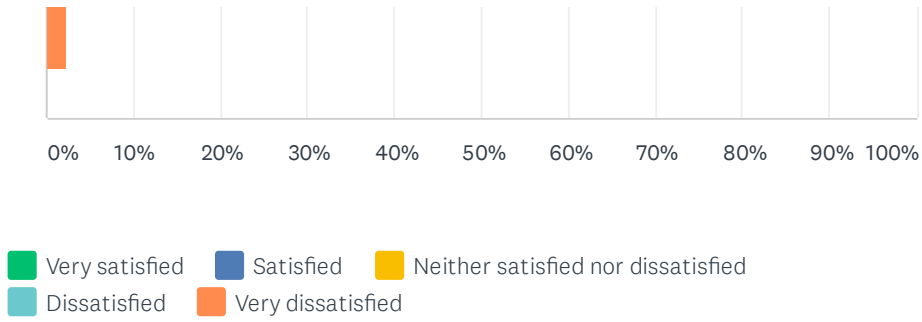
ANSWER CHOICES	RESPONSES	
Very satisfied	20.39%	31
Satisfied	32.89%	50
Neither satisfied nor dissatisfied	28.29%	43
Dissatisfied	13.82%	21
Very dissatisfied	4.61%	7
TOTAL		152

Q44 How satisfied were you with the following features of gather.town? (skip any lines you don't know about)

Answered: 139 Skipped: 243




Moving around
Interactive elements
Layout (floorplan)
User interface



	VERY SATISFIED	SATISFIED	NEITHER SATISFIED NOR DISSATISFIED	DISSATISFIED	VERY DISSATISFIED	TOTAL	WEIGHTED AVERAGE
Quality of the interaction	22.73% 30	43.94% 58	18.18% 24	11.36% 15	3.79% 5	132	2.30
Privacy	9.52% 10	38.10% 40	41.90% 44	7.62% 8	2.86% 3	105	2.56
Video	20.97% 26	44.35% 55	27.42% 34	6.45% 8	0.81% 1	124	2.22
Audio	28.46% 35	50.41% 62	17.89% 22	1.63% 2	1.63% 2	123	1.98
Moving around	19.55% 26	44.36% 59	23.31% 31	10.53% 14	2.26% 3	133	2.32
Interactive elements	16.22% 18	27.03% 30	40.54% 45	15.32% 17	0.90% 1	111	2.58
Layout (floorplan)	17.69% 23	40.77% 53	28.46% 37	10.00% 13	3.08% 4	130	2.40
User interface	11.54% 15	38.46% 50	33.85% 44	13.85% 18	2.31% 3	130	2.57

Q45 How can we improve the overall gather.town experience?

Answered: 77 Skipped: 305

#	RESPONSES	DATE
1	No dark floors, or make the usernames more visible, no overlapping user names, easier to understand privacy modes for when viewing and not viewing the browser tab. Would be nice to leave myself available, and get a ping when someone shows up to talk, but not have the mic or video on otherwise.	8/8/2020 4:16 AM
2	More education/information for attendees in advance of the meeting. More announcements. Has great potential.	8/7/2020 3:36 AM
3	The floorplan was confusing. No need to mirror the confusing floorplans of hotels in the virtual world ;) It would be nice if gathter.town worked on Firefox	8/6/2020 7:31 PM
4	I went here to have a brief side meeting. I don't understand how this was better than using zoom or webex.	8/6/2020 2:40 PM
5	I think the floor plan metaphor needs work. The purpose of gathering is to see who is out there, then break out in small groups. The Pacman style moves don't bring anything.	8/6/2020 1:33 PM
6	Make it clearer when people are looking for random conversations / welcome a stranger into their group.	8/6/2020 9:18 AM
7	Some kind of conversational awareness is needed to know when it's okay to join in on a conversation. The current experience is painfully awkward.	8/6/2020 7:49 AM
8	I was very sceptical that gather.town would be useful, but I was totally won over. It was really fantastic.	8/6/2020 7:22 AM
9	Clarify appropriate/intended use of different areas/features & privacy etiquette/expectations/tools.	8/6/2020 5:13 AM
10	It's the wrong model. Floor plans are irrelevant; what you want is a dynamic list of groups meeting with stated subjects that others can join if they want to. Having to walk up and listen is inherently disruptive. The peer-to-peer connection model is too fragile and causes too many problems. Once again, Zoom nails this.	8/6/2020 4:56 AM
11	Keep it up and running persistently so we can experiment more, then i will have more opinions.	8/6/2020 4:45 AM
12	bigger video, screen sharing (for hackathon)	8/6/2020 4:39 AM
13	I really wasn't very excited by the PacMan style UI. I evaluated it for a few minutes and decided it wasn't very useful so left. I did come back because IANA asked me to drop by their help desk, and that was genuinely useful.	8/6/2020 4:05 AM
14	Having more people on it?	8/6/2020 4:04 AM
15	Moving around second life with an arrow key is what we did 20 years ago. There has to be a better metaphore. Further it need to couple with the meetings so we can meet peopel we find in the sessions since that is where like minded people hang out.	8/6/2020 1:36 AM
16	Make more people have a reason to be there. Have closed meeting spaces that given an improved sense of confidentiality.	8/6/2020 12:51 AM
17	I did not do anything for me. I wandered around a little bit, but nothing was happening and I did not see anyone I knew. Gave up rather quickly.	8/5/2020 10:49 PM
18	Advertise it more so that more people come by. It is an interesting tool and I do believe it would have been even better with more people. It could replace the in-person discussions we usually have in the lobby, etc	8/5/2020 10:47 PM
19	Would be awesome if ones avatar could actually perform an action, even something as simple as jumping, or maybe I just want a gather.town meets mario bro's fork?	8/5/2020 10:40 PM
20	Rethink and retest the UI, paying careful attention to users with different screen sizes and moderate to severe visual impairments including contrast-sensitive difficulties, colorblindness, etc. Also rethink the various modes so that it is possible (and convenient) for someone to be "available" while paying primary attention to other things so it is possible for others to reach out to them (including facilitating "are you avalable?" queries to which responses might include "how about 20 minutes?" as well as "yes" or "no", all without either presenting a privacy	8/5/2020 5:13 PM

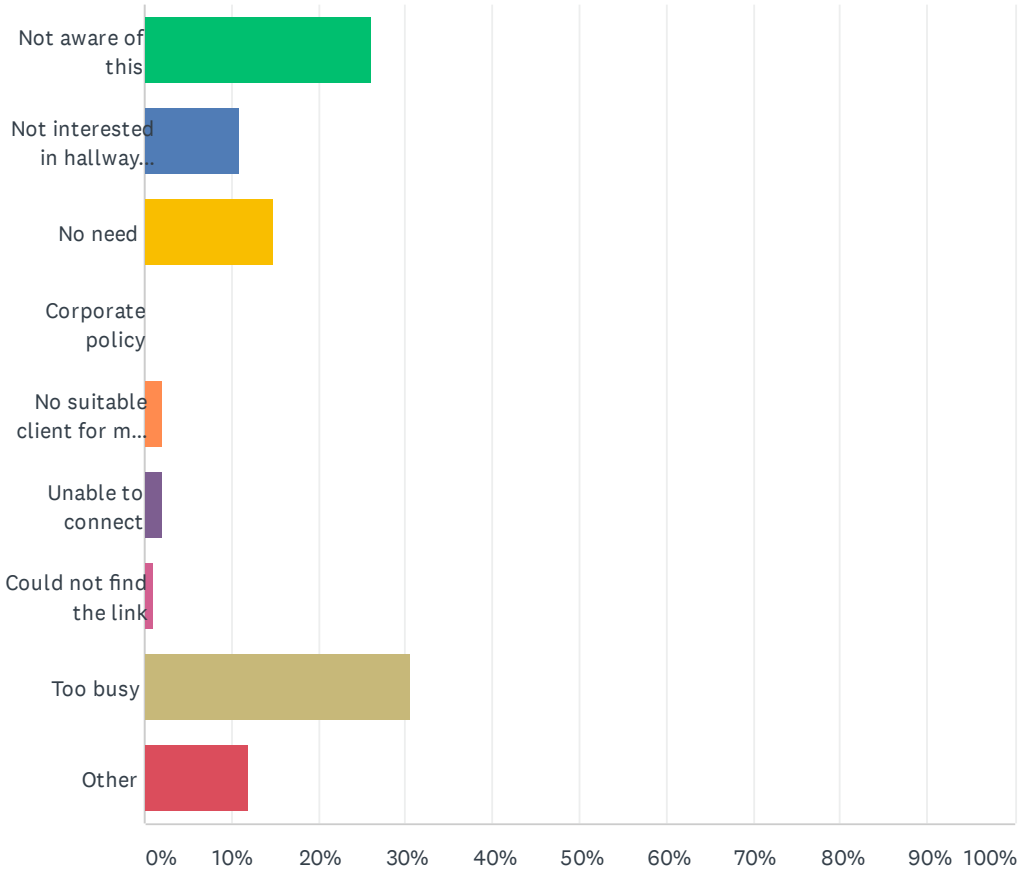
	problem by having camera and mic turned on or even preventing that gear from being used for other purposes.	
21	It would be nice to have clusters of users identified by the kind of WGs they might be chatting. Or, some other kind of label of groups of four or more.	8/5/2020 12:14 PM
22	Need a way to more easily go to the IANA table, the Bar, or other locations. Spent too much time learning the floor plan.	8/5/2020 8:54 AM
23	The platform just needs to mature a bit.	8/5/2020 4:05 AM
24	I discovered it late in the week and, while neat, it didn't do anything for me.	8/5/2020 12:58 AM
25	I did not feel comfortable using gather.town	8/5/2020 12:53 AM
26	Make possible the interactions on IPv6 (it only worked only on IPv4).	8/4/2020 11:42 PM
27	Floorplan too large. Ask chairs to invite people to a particular part of the floor of gather.town after the meeting ends.	8/4/2020 9:38 PM
28	it was too big for the number of people, making it much less likely for people to come together - but the main issue is that we just didn't get pushed together, and it was too hard to tell if someone wanted a conversation.	8/4/2020 9:02 PM
29	Change the ranges of the radius preprogram some rdv points, "e.g., at the registration" so Scotty can beam us up.	8/4/2020 8:32 PM
30	Video is too small and poor quality. Avatars and fonts are too small. Not enough people were present. Interactive elements are gimmicks.	8/4/2020 8:19 PM
31	Didn't use it a lot.	8/4/2020 6:43 PM
32	Just get more people to use it!	8/4/2020 5:39 PM
33	see previous comment	8/4/2020 12:17 PM
34	I can live with the cute UI. However, the lack of useful map and navigation to clusters of individuals made it difficult to even play around with the tool. I think I would have preferred a "hallway" jabber channel for most of my casual interaction.	8/4/2020 11:23 AM
35	One of the difficulties that I had here was that if I was just hanging out and working on my laptop, I normally turned off my mic and video. It then took time to get then re-started when sombody wanted to talk to me and they did not always hang around until I got back up and running.	8/4/2020 10:24 AM
36	The video quality seemed subpar compared with Meetecho or major video conferencing platforms.	8/4/2020 9:56 AM
37	Nuke it from orbit. It’s a silly idea. And I was constantly afraid it was snooping on me because it assumes it should be active all the time.	8/4/2020 9:47 AM
38	My first comment on seeing it was "excessively skeumorphic". The interaction when not paying attention to the window is poor.	8/4/2020 9:42 AM
39	The white board interactive elements eliminated the ability to talk or see the other user (at least in a naive attempt to use them). That's not worth having.	8/4/2020 9:41 AM
40	I found no reason to participate.	8/4/2020 9:40 AM
41	something self hosted?	8/4/2020 9:37 AM
42	This worked much better than I expected, but the breaks were too short to make use of it. Would be a good idea to have dedicated social time to allow these sorts of interactions.	8/3/2020 10:48 PM
43	Social interaction is very awkward because you cannot get non-verbal clues on who around you would be happy to speak to you. Shy people just give up.	8/3/2020 9:37 PM
44	Wished for possibility to scale up video size. Also as user one feel some resistance to barge in on others conversations. Maybe if one know there was a possibility to make a conversation "private" for a set of participants.	8/3/2020 8:56 PM
45	Not enough usage. No usual corridor conversations. Should perhaps encourage people to use	8/3/2020 8:08 PM

	it more (and perhaps incentive with something, raffles, unique content or information or some such (like candies on the secretariat desk in real life)). Perhaps virtual social even or wellcome reception.	
46	The gather town is surpisingly useful tool to get into informal talks during online IETSs. However, I think that the user interface and the appearance need to be improved.	8/3/2020 7:47 PM
47	Make floorplan light colored, or make participants' names contrast better with the background.	8/3/2020 2:49 PM
48	Nice idea, but no one interacted, was pretty deserted.	8/2/2020 10:39 PM
49	Raise more awareness	8/2/2020 9:01 PM
50	Not obvious how to have a private conversation. Should be a way to park yourself as "in a session" so that someone could "tap you on the shoulder" and you get a notification.	8/2/2020 9:04 AM
51	Expand the interactive parts (windows, tables). Have an online social. Set up area (transport, ART, etc) tables. Have session rooms to discuss the session before or after the meeting.	8/2/2020 1:26 AM
52	Better identification of roles, especially newcomers, so we can approach people. Sort out the issues of wrapping video tiles when in large groups of people, but using small screens. Get people to know about and use the tool!	8/1/2020 8:56 PM
53	Explain the privacy and busy features a bit better. Hold a reception there on first day so more people are aware and likely to participate (could use two spaces to allow all of IETF to the reception?)	8/1/2020 4:05 PM
54	more indicators for social queues to enter the group already in discussion. Indicators to folks who are not active.	8/1/2020 3:59 PM
55	Have specific events to promote interActions	8/1/2020 3:30 PM
56	The icons had an 8-bit look to them, and there weren't any that look kinda like I do. :-(I did have some conversations, but it takes some getting used to.	8/1/2020 10:37 AM
57	* Have more posters like the ASDF one * Have a poster or other interactive element to guide users on how to put up some of their own (or what are requirements to do that, eg. "is announcing an ad-hoc meeting"), or have some other bulletin board. * Make the agenda itself interactable in the meeting room, as that has direct links to the agenda events. (A version of the agenda with would allow using it without the need to manually open it in a new tab). * The ability to set some away message would be nice. In addition to the per-IETF-meeting gather.town (whose layout obviously will change from event to event and always represent the current location), some have been contemplating having an always-on (<50ppl) IETF Cafe ("The Cafe v6"?) that is not subject to the time schedule of the purchased instance, and might have "happy hours" after interims.	8/1/2020 9:54 AM
58	I found it a bit strange that it automatically started audio/video when people were close by but not necessarily were planning to interact. Nevertheless, interactions were quite friendly.	8/1/2020 8:51 AM
59	I need to connect to it on Sunday/Monday and leave it up all week with the confidence that my privacy is respected, but that I'm findable. I suggest integrated the "Global Chat" with the Hallway jabber if possible. It would also be nice if gather.town either used or provided jabber IDs.	8/1/2020 8:19 AM
60	Early on the whiteboards didn't work properly. We should probably create more reasons to go there, because the only problem is it wasn't popular enough.	8/1/2020 7:51 AM
61	fix the video tiling issue, so I can see everyone nearby, not just three people. Given how few people were in it, shrink the virtual space. maybe up the codec rate? Videos were often fuzzy.	8/1/2020 7:25 AM
62	It's a work in progress, but a good start. Some of the UI elements need some work (e.g. names covering up each other)	8/1/2020 7:20 AM
63	Honestly, I think a lot of gamification is not useful	8/1/2020 6:35 AM
64	Find a better tool	8/1/2020 6:20 AM
65	I wish Gather.Town worked on iPad. But I really enjoyed using it, once I discovered it.	8/1/2020 6:20 AM
66	Not sure I'd do it again. But maybe.	8/1/2020 6:15 AM

67	Timestamps on chat messages. If you send someone a chat message, they have no way of knowing WHEN you sent that message if they are not in gather.town when you send it.	8/1/2020 5:41 AM
68	It would be good to have the option of a floor plan to one side, perhaps as a popup.	8/1/2020 5:26 AM
69	Don't have the Microphone on by default or have it green that it shows it is on. I noticed that when someone is close to me and my person is sitting on a chair and my gather.town is in the background, my mic is broadcasting. Bad privacy. Also if I am busy I would expect to have my mic off. We tested it and it was not.	8/1/2020 5:15 AM
70	Introduced too late and with little or no prior training/user guide. Quite limited in privacy options. Not many people using it.	8/1/2020 5:02 AM
71	Gather.town was awesome! Very fun and retro. I loved the little Easter eggs like "interacting" with the refreshments table bringing up a picture of a refreshments table presuambly from a previous meeting. :) So kudos to whoever thought of that. I wish that more activities had been scheduled there since I didn't really feel like going there just to wander around.	8/1/2020 4:57 AM
72	I'm just not a fan of the interface, so I'm not sure I care if it's improved.	8/1/2020 4:47 AM
73	I think I need to just figure out what the point of it is. I didn't know anyone in there and I wasn't really sure what people used it for.	8/1/2020 4:41 AM
74	video boxes could be bigger (or resizable) supporting "diagonal" walking would be nice	8/1/2020 4:41 AM
75	Doesn't scale to amount of screen real estate. No way to find people other than wandering around.	8/1/2020 4:35 AM
76	map doesn't fit on one screen, maybe an off-line/website floorplan gif? kudo's for quick/excellent short-time-frame adoption!	8/1/2020 4:30 AM
77	Gather.town requires various ports to be opened which are not permitted by my company firewall. I would not have expected that from a browser experience.	8/1/2020 4:29 AM

Q46 What was the main reason for not using gather.town?

Answered: 183 Skipped: 199



ANSWER CHOICES	RESPONSES	
Not aware of this	26.23%	48
Not interested in hallway interaction	10.93%	20
No need	14.75%	27
Corporate policy	0.00%	0
No suitable client for my setup	2.19%	4
Unable to connect	2.19%	4
Could not find the link	1.09%	2
Too busy	30.60%	56
Other	12.02%	22
TOTAL		183

Q47 Please provide any relevant details

Answered: 39 Skipped: 343

#	RESPONSES	DATE
1	The lack of scheduled social time made it hard to fit it in. When I wasn't in-sessions I was feeding lunch to my kids or dealing with my family or other work commitments.	8/7/2020 5:10 AM
2	Virtual social interaction is different, especially if you are not on site, but sit in you office and have you regular duties.	8/6/2020 6:31 PM
3	privacy concern, couldn't find others on gather.town to interact with, moving around the map was tedious. a discord like experience may be better.	8/6/2020 6:13 PM
4	I prefer to use email.	8/6/2020 1:32 PM
5	I don't like runescape.	8/6/2020 11:32 AM
6	Too skeptical that it would be an adequate replacement for in-person hallway interaction.	8/6/2020 6:22 AM
7	aside from tech issues with hallway track done remotely, if you're at the meeting, work let's you allocate your time as "away". less support for "just a social zoom call" when i could be "usefully working"	8/6/2020 5:11 AM
8	I tried it briefly, but am not familiar with the tool and found it quite hard to wander around to find people. It was quite empty when I logged in. The breaks were also quite short so there was no time to go there during that time.	8/6/2020 3:50 AM
9	Not sure how effective it will be so choose to use the time to keep up with work.	8/6/2020 12:40 AM
10	Really isn't subtle enough yet	8/6/2020 12:12 AM
11	in-person hallway at IETFs I find extremely valuable. But wrt gather.town I might as well just email or video chat with my contacts directly	8/5/2020 11:38 PM
12	I'm not really interested in casually socializing online.	8/5/2020 11:16 PM
13	Wasn't aware until the last day. Tried it briefly, but nobody was there. Not sure it would be useful. Maybe it needs a higher grade of participants to become useful.	8/5/2020 10:42 PM
14	I logged in the gather.town but I didn't find the UI intuitive. It could be that I didn't spend much time on gather.town and hence my fault.	8/5/2020 2:29 AM
15	I'm not a huge fan of Slack. Perhaps petty but I'm just annoyed that it's IRC with a proprietary UI.	8/5/2020 2:06 AM
16	No one wanted to meet with us	8/5/2020 12:59 AM
17	Breaks were too short to visit gather.town as well as getting lunch/preparing for next session	8/4/2020 10:38 PM
18	Looked like a waste of time	8/4/2020 10:07 PM
19	I just joined meeting sessions because of time zone difference (no time for chatting in midnight).	8/4/2020 9:02 PM
20	seemed to work for me but nobody answered my chats there (maybe people stay in room and seem to be present but actually aren't?)	8/4/2020 7:59 PM
21	Online meetings via video are more exhausting than in-person meetings, I feel I need to have downtime after meetings rather than spend time in virtual hallways.	8/4/2020 7:23 PM
22	gather.town works better if everyone is there. If you connect and see nobody, you don't connect anymore.	8/4/2020 6:46 PM
23	If I am at home and have to explain to my wife that I am going to online to chat with my colleagues it will need to be after the day is done and everyone is asleep including her.	8/4/2020 1:35 PM
24	IETF 108 on top of 8 other regular public standards calls was an overload already last week - no time *or* interest in hallway conversations	8/4/2020 12:40 PM
25	By day #2, the timezone shift (based on the West coast of the US) had me feeling fairly exhausted. And I felt like a sleep-walker for the rest of the week. The idea of gathering to hang out with others on-line was not very attractive in that state. That said, I've heard good things about gather.town. Additionally, some groups are starting slack channels, which might be useful to announce or share in some way. In other words, there has been an explosion in the	8/4/2020 12:20 PM

	number of "venues" (i.e., rooms) for meetups and technologies folks are using to launch those venues. Integration with MeetEcho might be a way to rein them in under one umbrella....	
26	I hate having to socialize via electronic media	8/4/2020 11:58 AM
27	A full IETF meeting is typically very demanding (energy-wise), and I just didn't have the energy for forced social interaction afterwards.	8/4/2020 10:43 AM
28	I'm not sure why I didn't use it... just not the same when you can move on to other things at home rather than being physically in a location	8/4/2020 12:40 AM
29	At first, I have not been aware of the role that Gather had. Then, it is more difficult to pop in or get drawn in than in a real-world meeting (which is more a social than a technical issue, though).	8/3/2020 8:31 PM
30	I found it awkward to use, and was not happy with the experience.	8/1/2020 7:27 AM
31	I think the organizers made a great job in this virtual IETF. My only concerns are related to not being able to go to a physical meeting, but of course this is out of their control. Thanks again!	8/1/2020 6:42 AM
32	The pupose of a hallway meeting is to physically interact. Doing so virtually is somewhat contrived and self-defeating.	8/1/2020 6:15 AM
33	I did use it (Once or twice). It is just not a very natural way to linger. More importantly, I simply did not have enough time -- 20 min breaks were great, but no time for gather.town.	8/1/2020 6:02 AM
34	I tried it shortly but the it felt like trying to carry the traditional meeting online for no good reason. Why do I need to walk to an RFC editor desk? It would be much more useful to have a jabber room for the RFC editor desk to communicate with them when I need to do so. Even during WG meetings, a lively chat can be more interesting than the emulation of the in-person format with queues and switching audio streams. Online meetings are something very different from physical meetings and gather.town seems to copy physical meeting ideas to an online format, which then looks a bit pointless.	8/1/2020 5:22 AM
35	Did not work on iPad, tried once quickly on Mac and Safari with no luck either. Supported browsers seemed too few. Some people said it was good, don’t know.	8/1/2020 4:57 AM
36	Tried using it, but had no idea what to do once I was there.	8/1/2020 4:52 AM
37	People look usually the WG name right to the session time on the agenda. There you see Gather.Town but no link is available.	8/1/2020 4:36 AM
38	I needed to be up late in US/Eastern time for other reasons, so making the Madrid meeting times was a bit of a strain. I think that's one consequence of a remote meeting - some people will keep their day schedules and attend fewer sessions, whereas had they traveled to the meeting venue they would have shifted their day schedules. I wish I had at least tried gather.town but it was a very hectic week for me overall and I needed all the sleep I could get.	8/1/2020 4:31 AM
39	I have a day job, too.	8/1/2020 4:24 AM

Q48 Anything else you would like to say?

Answered: 119 Skipped: 263

#	RESPONSES	DATE
1	Virtual meetings are difficult to participate in fully. Can’t pause normal day to day activities	8/8/2020 10:22 AM
2	virtual meetings are only well as a temporary solution and can never (fully) replace in person meetings.	8/8/2020 8:43 AM
3	As a corporate sponsor, I was not happy with the level of visibility we received. I don't feel like we got a good ROI relative to an in-person session.	8/7/2020 5:11 AM
4	Well done!	8/7/2020 3:36 AM
5	Less drive in virtual IETF meetings, less interactions. On a positive note, we're more well-behaved. Since virtual will become the new norm, we have to keep trying to improve the experience/productivity	8/6/2020 7:02 PM
6	Thank for arranging this virtual IETF meeting. Even though I really prefer an on-site meeting, the virtually one was well arranged and much better than skipping the event. It was a pity that no of my colleagues could join without registering and paying. So they could not follow single WG meetings.	8/6/2020 6:34 PM
7	Hope that Covid-19 Crisis is over soon to move to physical meeting.	8/6/2020 3:12 PM
8	Thank you very much for your hard work to achieve success on IETF 108 meetings.	8/6/2020 2:02 PM
9	Time zone is really hard for me. I would love some kind of asynchronous experience.	8/6/2020 1:34 PM
10	the cookies were not big enough	8/6/2020 11:33 AM
11	Went well, considering Covid. Good job.	8/6/2020 11:14 AM
12	Thanks for a great and successful IETF. I really appreciate all the effort everyone put in.	8/6/2020 7:23 AM
13	Thanks to the team involved in producing this important and unusual experience	8/6/2020 5:22 AM
14	Thank you for making the best of a pandemic situation!	8/6/2020 5:13 AM
15	Having now watched ~15 groups grapple with virtualization of their meetings, I've learned that it's something everyone has to do for themselves, making lots of mistakes along the way, painful as that may be Hopefully the tech-savvy IETF will do at least as well as the septuagenarian-dominated local political groups I'm involved in. Alas, rIght now you're neck-and-neck.	8/6/2020 5:00 AM
16	Thank you very much. Overall an amazingly great first full IETF108. If the trajectory stays the same we should soon excell other conferences online meeting support	8/6/2020 4:46 AM
17	Congratulation, my only improvement concern the agenda, it was not easy to integrate session in a google calendar: download isc files from IETF agenda and insert them in the gcalendar. i tried to use the android app, but it was not aware of IETF108. So may be a way to select all the session on a webpage and generate a single ics.	8/6/2020 4:42 AM
18	Please get rid of MeetEcho. The experience would be better with Zoom, or Webex, or Teams, or BlueJeans, or any of the other major products in the market.	8/6/2020 4:18 AM
19	In registration you ask for gender, and provide many options. I would like you to add "This question makes me angry" to the list of possible responses.	8/6/2020 4:01 AM
20	sorry for skipped questions, i was rushed but wanted to give something.	8/6/2020 3:01 AM
21	Well organized and executed, especially under the circumstances. Commendable work. For future virtual meetings, maybe UTC is the way to go :-), or maybe +1200 alternating.	8/6/2020 2:34 AM
22	The hard cutoff is unacceptable, that is not how real meetings work. The meeting time was too short.	8/6/2020 1:38 AM
23	Avoided the pitfalls of virtual meetings, good schedule, good tools, good comunity. Great job!	8/6/2020 12:51 AM
24	Great job in continuing to maintain the cadence but virtual meeting will never be as effective as face to face meeting in the long term. Virtual meetings can maintain existing workstreams and relationships but it may not be effective as the long term to sustain the IETF activities.	8/6/2020 12:43 AM
25	I hope we will have in-person meetings soon. I understand there is a force majeur.. as virtuals	8/5/2020 11:39 PM

	go I guess it was not bad, but it can never compare.	
26	Thank you to Meetecho and Secretariat for the hard work to switch to a new system. You-all are wonderful!	8/5/2020 11:27 PM
27	Thank you!	8/5/2020 11:16 PM
28	The issues were mainly minor, some people's audio dropped out, others were unprepared for how meetecho worked, but mostly it worked well.	8/5/2020 10:53 PM
29	As usual, great job overall, keep it up!	8/5/2020 10:47 PM
30	A good experience for this virtual meeting.	8/5/2020 9:49 PM
31	Thanks for the massive efforts in these difficult times.	8/5/2020 7:55 PM
32	Your initial questions should have included, and your analysis might want to consider, whether people have participated in IETF meetings remotely before IETF 107 and how often. If nothing else the Meetecho experience (like so much else) is different for those who have experienced it before (despite the significant UI changes this time) and those coming to it for the first time plus or minus test sessions. Whatever planning is done for IETF 109 and whether there is a f2f meeting or not, it is an absolutely safe bet that there will be at least some remote participants, probably more remote participants than at IETF 106, 104, or 103. So the time to start on tools work and testing is probably now, not after you determine whether there will be f2f meetings.	8/5/2020 5:21 PM
33	The meeting system seems not stable, especially in the busy time. Wish to provide other access method, for example, via dial-in free phone?	8/5/2020 1:21 PM
34	Well done Secretariat, Meetecho, and NOC for pulling off a pretty darn good meeting in this crazy time.	8/5/2020 4:07 AM
35	Overall, I would say that IETF108 was handled well as an online event. Or "as well as could be expected". And, as a fallback, given an extreme situation (pandemic), it was fine - I think we all understand that. BUT, it is NOT a substitute for in-person meetings. Online activity like this grows extremely tedious and difficult, and it is very difficult for people outside the chosen timezone. Please DO NOT believe online is a full-substitute for the in-person meetings.	8/5/2020 3:38 AM
36	Thank you, very much. It was an unexpectedly terrific meeting. Much better than the neverending 107 experience.	8/5/2020 2:06 AM
37	I was satisfied with the format but on a new server I would vote for longer time span with less parallelization.	8/5/2020 2:00 AM
38	Excellent meeting overall considering going fully virtual.	8/5/2020 12:59 AM
39	I'm surprised that from my perspective IETF 108 technically worked way worse than IETF 107 and interim. I think an analysis what happened is needed so it can be improved at least to IETF 107 level.	8/4/2020 11:53 PM
40	Encourage the use of meetecho in our iterims.	8/4/2020 11:46 PM
41	thank you	8/4/2020 11:42 PM
42	I was thrilled with my 1st participationo of an IETF Conference	8/4/2020 10:51 PM
43	Get rid of the cookies on your web pages. Simplify (or get rid of) the authentication stuff.	8/4/2020 10:16 PM
44	Been a regular for a looooong time at IETFs and I invested a lot of money into traveling and registrations fees. For an all online meeting, a higher late registration fee is not appropriate, let alone two stages of such. The meeting fee is steep for an all-online meeting (in spite of the many travel-related savings), this can and should be done better.	8/4/2020 10:14 PM
45	A minor point- it was surprisingly distracting to not hae the video stream in Meetecho mirrored. We get used to certain ways of appearing and moving based on mirrroed video and it created an additional mental friction to remember it.	8/4/2020 9:59 PM
46	We should try really hard to make 109 happen in person, but also allow for half the participants to be virtual.	8/4/2020 9:39 PM
47	Thanks for everyone who support wonderful IETF108	8/4/2020 9:04 PM
48	Thanks to everyone who put this together. For our first really remote multi-track meeting, it	8/4/2020 9:03 PM

	went really really well. I appreciate the hard work!	
49	THANKS	8/4/2020 8:32 PM
50	thanks for providing the tools ...	8/4/2020 8:00 PM
51	Thanks for making this happen remotely this time.	8/4/2020 7:38 PM
52	I would appreciate the IETF seriously considering reducing the number of in-person meetings in favour of more virtual meetings. We have a responsibility towards the planet and the environment, and all the travel the community undertakes is harmful.	8/4/2020 7:24 PM
53	Thanks for making the impossible possible, and running a successful online meeting!	8/4/2020 6:43 PM
54	The last session is the midtime of Asian participants, but it seems not possible to satisfy everyone	8/4/2020 1:52 PM
55	Don't get the COVID. Tell everyone to wear a damn mask so we can get back to regularly scheduled lives.	8/4/2020 1:36 PM
56	Meetecho has improved dramatically since years ago - congratulations to the Meetecho team! Thanks to all the IETF 108 staff and volunteers for a quite good virtual F2F!	8/4/2020 12:41 PM
57	Overall, the IETF was very success given its virtual nature. I attended the critical meetings I needed to attend. The technology mostly worked. And progress was made. THANK YOU for all your hard work to keep the ship afloat - technologically, intellectually, socially - and helping groups and individuals to collaborate. Much appreciated. There was a late-in-the-week impromptu-meeting that was held that included some offensive images in their slides, so we should amend the guidelines doc the IETF has been drafting about offensive language to include advice on offensive images.	8/4/2020 12:23 PM
58	if we keep gather.town, integrate it better, e.g., at end of a session send people there so we're all in the same virtual hallway	8/4/2020 12:18 PM
59	Time zone management could be improved in future to make the experience little better. In California, US, some of the important WG meetings like Spring, BESS started at 4 am. I prefer starting the WG meetings at 6 am if it can't be started later than that.	8/4/2020 12:13 PM
60	I hope we don't have to get too much experience with this electronic format.	8/4/2020 11:59 AM
61	Let's consider encouraging pre-recorded talks which are encouraged viewing pre-meeting. At least one session was entirely presentations about existing drafts, with minimal time for discussion. That session could easily have been a playlist of videos, followed by a shorter session focused on discussion.	8/4/2020 11:45 AM
62	Overall IETF 108 was great success. Looking forward to participate in IETF109 in person.	8/4/2020 11:35 AM
63	Much better than 107, but I'm looking forward to face-to-face meetings post-covid. But I agree with folks that a mix, continuing to use meetcho for remote participants, is a good thing for folks that can't travel.	8/4/2020 10:48 AM
64	There were a number of things that I did not do because I did not find using gather.town something that was easy to do during meetings, but would have done in person. The usage seemed to drop off big time after the meeting was finished.	8/4/2020 10:26 AM
65	Great job.	8/4/2020 10:19 AM
66	I'd rather do this in person, but IETF 108 was an immense improvement over IETF107.	8/4/2020 9:57 AM
67	this was a very disappointing meeting, marred by the continual fumble time to get each session underway and the poor interaction. If the IETF uses the same setup for its next meeting I won't be registering, unfortunately.	8/4/2020 9:53 AM
68	Keep up the good work! Hope we can all see each other in person anytime soon.	8/4/2020 9:51 AM
69	Miss you guys ! Sorry my comments are whiny.	8/4/2020 9:47 AM
70	Return to Face-to-Face as soon as you can	8/4/2020 9:43 AM
71	A big thank you to the IETF team and sponsors for a great event	8/4/2020 9:40 AM
72	Online conferences have pros (no travelling), but also cons (things can interrupt the	8/4/2020 9:38 AM

	experience, like fire alarm if you are in a fire brigade...)	
73	Thank you all	8/4/2020 12:41 AM
74	Thank you for all the effort organising!	8/3/2020 10:48 PM
75	In general, well done, thank you. Even at normal times, it would make sense to organize 1-2 meetings per year as virtual.	8/3/2020 9:43 PM
76	Let's get back to physical meetings as soon as possible, even if not everyone can join in person yet. For those that can, it will make meetings much more useful.	8/3/2020 9:38 PM
77	Again: Thanks for doing such a good job!	8/3/2020 8:31 PM
78	Overall good work. Surprisingly good experience. Some aspects were more productive and convenient than physical meetings, but lack of certain interactivity in WG sessions and lack of corridor conversations leavers this slightly negative overall productivity. However it might be realistic to even have one of the yearly meetings permanently virtual. Uploading meeting recordings to youtube is phenomenal value and increases transparency!	8/3/2020 8:11 PM
79	Joining the meeting was really help for us who would have had challenges making the physical meeting either due to funds or travel logistics.	8/3/2020 4:00 AM
80	It was good that as someone who has been remote before, that this time with everyone remote, everyone was an equal attendee. Really missed the out of session interaction. Shame it cost $300. And why early bird for a virtual??	8/2/2020 10:41 PM
81	Overall MeetEcho is well suited to our purposes and even though it needs some UI work, I would be happy to use it in the future. Gather.town was surprisingly useful.	8/2/2020 9:06 AM
82	Thanks to all who made this possible.	8/2/2020 8:35 AM
83	Thought it went reasonably well and that the tools (meetecho, gather.town) provided good support. I expect to attend 109 remotely (regardless of how the pandemic plays out), and look forward to seeing how the online experience improves. Thanks!	8/2/2020 1:29 AM
84	Meetecho had a banner saying “sharing x’s screen” which obscured part of each slide	8/1/2020 10:02 PM
85	Remarkably successful for a first attempt. I am very (very) disappointed by how few people attended. Consider that previous physical meetings have had well over 500 virtual attendees, yet this meeting managed fewer attendees than normally physically attend a meeting. It seems important to understand why that was the case (I have no idea) because this mode of meeting (with its substantially reduced costs) should attract more people.	8/1/2020 8:58 PM
86	I wonder if charging for meeting attendance is the best way to fund the IETF. Perhaps corporate sponsorship could be increased instead. I'm concerned that charging effectively excludes poorer participants.	8/1/2020 6:18 PM
87	Thanks to all the organisers!	8/1/2020 5:09 PM
88	Thank you to Secretariat and Exec Director. It was a much more IETF-like meeting than I expected and I hope we continue to make it work for a lot of people, not just the very experienced ones like me	8/1/2020 4:07 PM
89	Thank you for a great meeting!	8/1/2020 4:00 PM
90	I love IETF	8/1/2020 3:31 PM
91	We did much better this time than last. Perhaps the next time will be better still, but I'm not looking forward to the BKK time zone, I would much rather be landing at BKK in person!	8/1/2020 10:39 AM
92	I miss the social interaction and friends, but the work that was done was efficient and saved travel time and expenses	8/1/2020 10:12 AM
93	The venue's room temperature was exactly on point, WiFi worked everywhere, and the cookies were just the right size.	8/1/2020 9:54 AM
94	Meetecho has reached a level of maturity that there no further need for any pseudo-donated-webex. Webex does not do IPv6, and does not even do public IPv4. Please figure out what it would cost us to use meetecho for all virtual interim meetings. I also suggest that, in order to	8/1/2020 8:21 AM

	reduce our costs, that we advocate for use of meetecho by ICANN, ISOC, RIPE, NANOG, ARIN.	
95	Integrated chat in Meetecho was excellent - I'm not a regular jabber user, so this completely avoids fumbling with jabber account and client setup (which did not work for me @ IETF-107).	8/1/2020 8:14 AM
96	I really liked having everyone automatically in Jabber AND being able to join jabber from a normal jabber client. That was great. I couldn't get the minuting tool to work at all. I wish there were fewer overlapping sessions.	8/1/2020 7:26 AM
97	Under the circumstances, I think it was a great meeting.	8/1/2020 7:22 AM
98	It’s complicated and we’re learning. Keep it up.	8/1/2020 7:13 AM
99	I don't see much value in an "IETF Week" when we can't meet in person, except for plenary meetings and _maybe_ BoFs. We don't get the cross-group participation and f2f contact that makes in-person meetings worthwhile.	8/1/2020 7:07 AM
100	I might have missed it before, but I only noticed during the week that there are also YouTube recordings of the sessions. This could have been announced more clearly.	8/1/2020 6:45 AM
101	I miss travel and hallway chatting and meeting my friendly coworkers/co-competitors	8/1/2020 6:35 AM
102	There was a fairly unforgiving group of folks pushing on some elements of this meeting and some of them were subject experts who might have been able to help if so inclined. We make a lots of demands - we should also offer extra help and consideration.	8/1/2020 6:22 AM
103	Thank you for the tireless efforts and preparations to make the meeting as productive as can be without f2f meeting. COVID sucks!	8/1/2020 6:16 AM
104	I'm really happy with this meeting -- despite the occasional glitches, we were mostly productive, and I could sit on the patio with my wife 10 min after the last slot. If we get a bit more routine and a bit more polished tools, it will be hard to justify flying around the globe that often (I do see the need for physical meetings, though -- right now we are feeding from the social capital we have, and those brainstorming lunches/dinners are hard to beat). I think we should encourage seeing video more often -- that has not been the culture of IETF's Webex meetings, but works well with meetecho, and with fewer f2f meetings, that helps bridge the time. Occasional gallery views in a meeeting would be great.	8/1/2020 6:08 AM
105	Enjoyed the virtual IETF meeting !	8/1/2020 5:57 AM
106	I found it to be a good meeting overall. I *VERY* much liked the new CodiMD tool for minutes. A fantastic way to collaboratively take minutes that *look* good, too. And Gather.town was a pleasant surprise. It worked far better than I expected!	8/1/2020 5:42 AM
107	The visitor-facing secretariat staff were helpful and friendly. The secretariat staff were helpful and welcoming. Overall, this was a satisfying experience. I could see alternating between virtual and physical meetings once the pandemic dies down. Using the Madrid timezone must have been awkward for participants in California. Perhaps it's better to keep participant in the Far East up late than it is to make people in North America get up unusually early.	8/1/2020 5:29 AM
108	I fear that online meetings even more turn into mostly status reporting meetings. Even in the physical meeting format, there was usually a lot of preparation work done before and after WG meetings. This may be lost since it is now easy to just tune in for a session and then turn away again.	8/1/2020 5:25 AM
109	Overall great job	8/1/2020 5:15 AM
110	Good job!	8/1/2020 5:11 AM
111	This is my third time at an IETF meeting and I still find it totally intimidating. I'm not sure how to address that, but the newcomers' activities just aren't sufficient. I understand the philosophy that the IETF should be run on a sort of anarchical consensus, but what this actually creates is "tyranny of structurelessness," wherein the expressed statement that "we reject kings" is belied by the clear elite that forms when you have no explicit hierarchy. Ironically, I think more structure of some kind would help make it easier for newcomers to participate.	8/1/2020 5:04 AM
112	Better than expected for a virtual conference but miss a lot the informal discussions of a face-to-face IETF meeting.	8/1/2020 4:58 AM

113	Keep improving Meetecho. We are going to doing this for a long time into the future.	8/1/2020 4:53 AM
114	Good meeting, well prepared. Improvements are necessary and will be useful. Sessions on Youtube are pending and should be made available faster.	8/1/2020 4:37 AM
115	I may be in the rough part of the consensus. But I really didn't miss the face-to-face meeting _at all_. I believe all my own planned work during this IETF could be done without the troubles of travelling and jet lag. My WG had an effective meeting that was not much different to a physical one. I gess many companies now realize that work can be done _very_ well while people just stay at home. To me, IETF work is not different to that. In my personal opionion, one face-to-face IETF meeting per year would be enough. The rest seems doable online. But, well, I have been more in rough part of the consensus more than once.	8/1/2020 4:32 AM
116	Outstanding effort, and it showed.	8/1/2020 4:31 AM
117	went just about as well as it could. great job. -rich salz	8/1/2020 4:30 AM
118	Please only do virtual meetings as a last resort. I strongly prefer in-person meetings because they are far more productive.	8/1/2020 4:27 AM
119	Thanx!	8/1/2020 4:22 AM