IETF 107 Virtual Meeting Survey
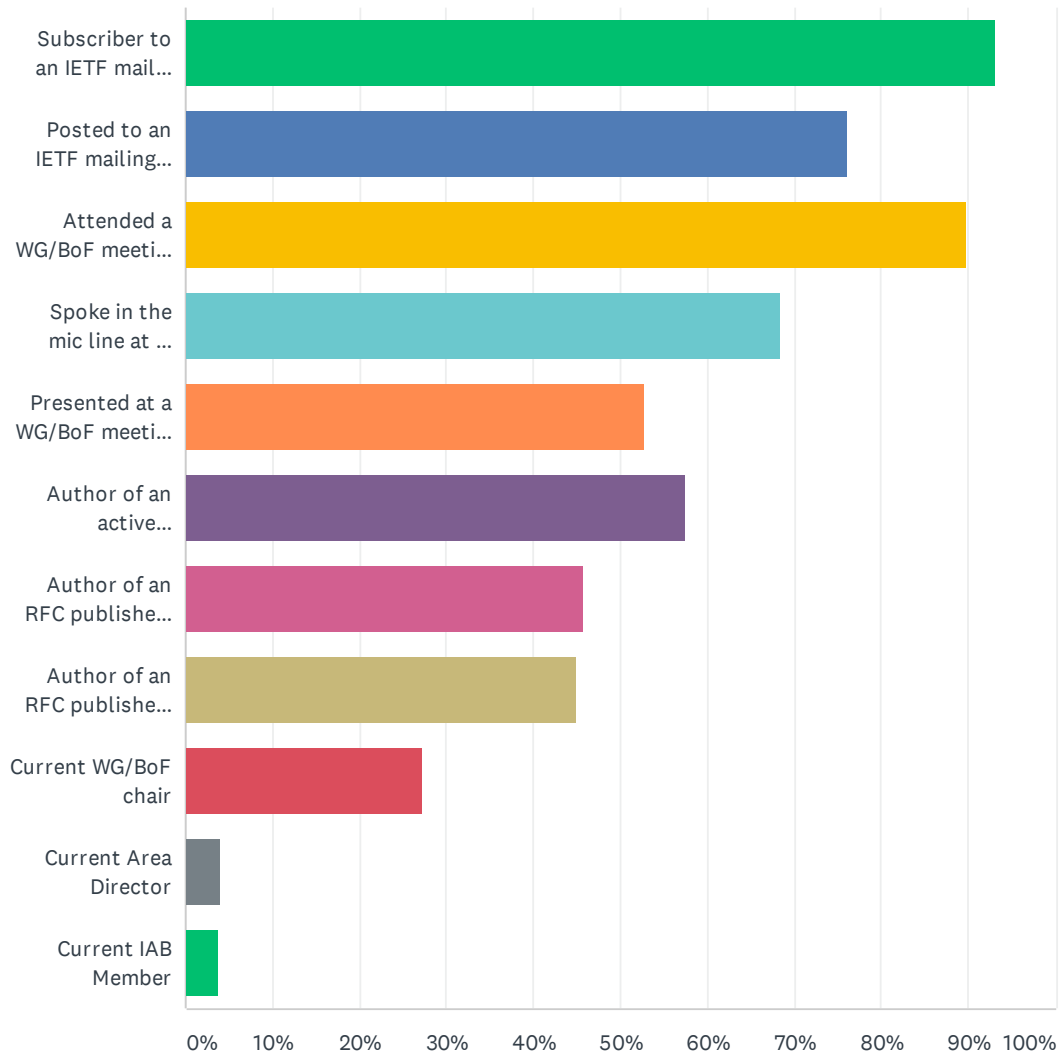
Q1 In what region do you live?

Answered: 273   Skipped: 0
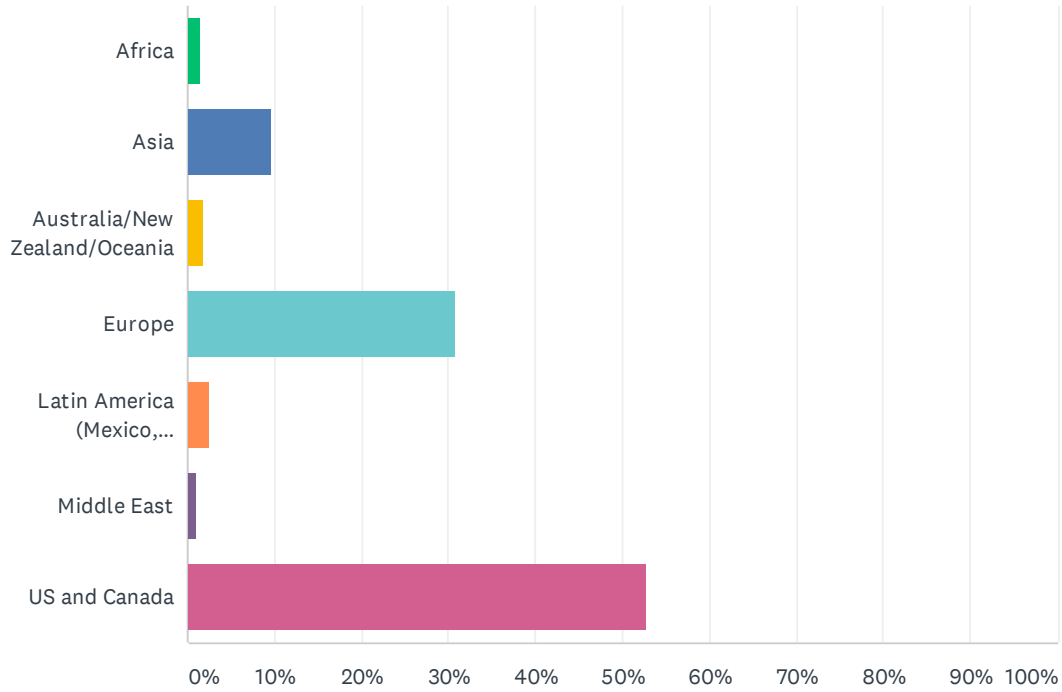
ANSWER CHOICES	RESPONSES	
Africa	1.47%	4
Asia	9.52%	26
Australia/New Zealand/Oceania	1.83%	5
Europe	30.77%	84
Latin America (Mexico, CentralAmerica, South America,Caribbean)	2.56%	7
Middle East	1.10%	3
US and Canada	52.75%	144
TOTAL		273

Q2 Which of the following applies to you? (check all that apply)
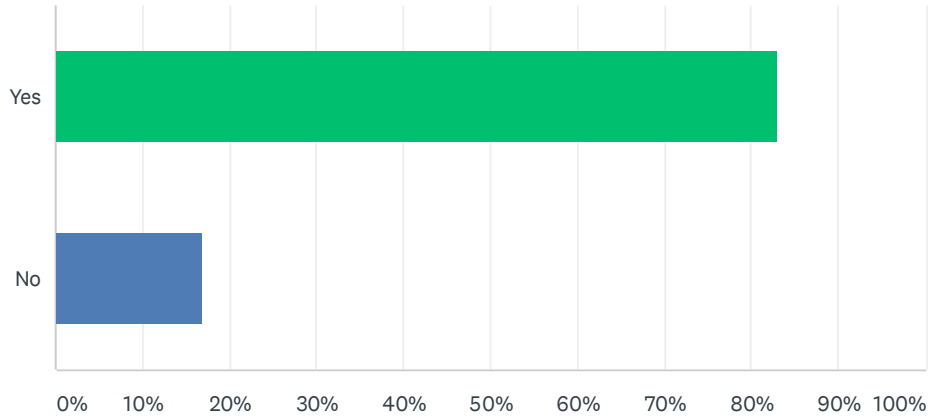
Answered: 273   Skipped: 0

IETF 107 Virtual Meeting Survey

ANSWER CHOICES	RESPONSES	
Subscriber to an IETF mailing list within the last year	93.04%	254
Posted to an IETF mailing list within the last year	76.19%	208
Attended a WG/BoF meeting within the last year (in-person or virtual)	89.74%	245
Spoke in the mic line at a WG/BoF meeting within the last year (in-person or virtual)	68.50%	187
Presented at a WG/BoF meeting within the last year (in-person or virtual)	52.75%	144
Author of an active Internet-Draft	57.51%	157
Author of an RFC published within the last 5 years	45.79%	125
Author of an RFC published more than 5 years ago	45.05%	123
Current WG/BoF chair	27.11%	74
Current Area Director	4.03%	11
Current IAB Member	3.66%	10
Total Respondents: 273		

Q3 Did you participate in the IETF 107 Virtual meeting that has just finished?
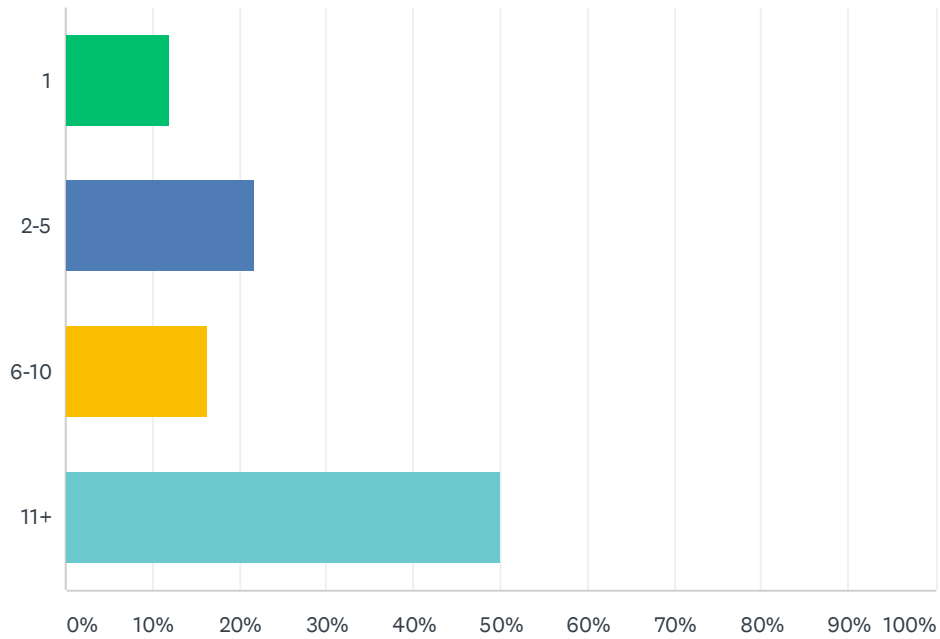
Answered: 273   Skipped: 0

ANSWER CHOICES	RESPONSES	
Yes	83.15%	227
No	16.85%	46
TOTAL		273

Q4 How many IETF Meetings have you participated in?

Answered: 270   Skipped: 3

ANSWER CHOICES	RESPONSES	
1	11.85%	32
2-5	21.85%	59
6-10	16.30%	44
11+	50.00%	135
TOTAL		270

Q5 Overall, how satisfied were you with the IETF 107 Virtual meeting?

Answered: 225   Skipped: 48
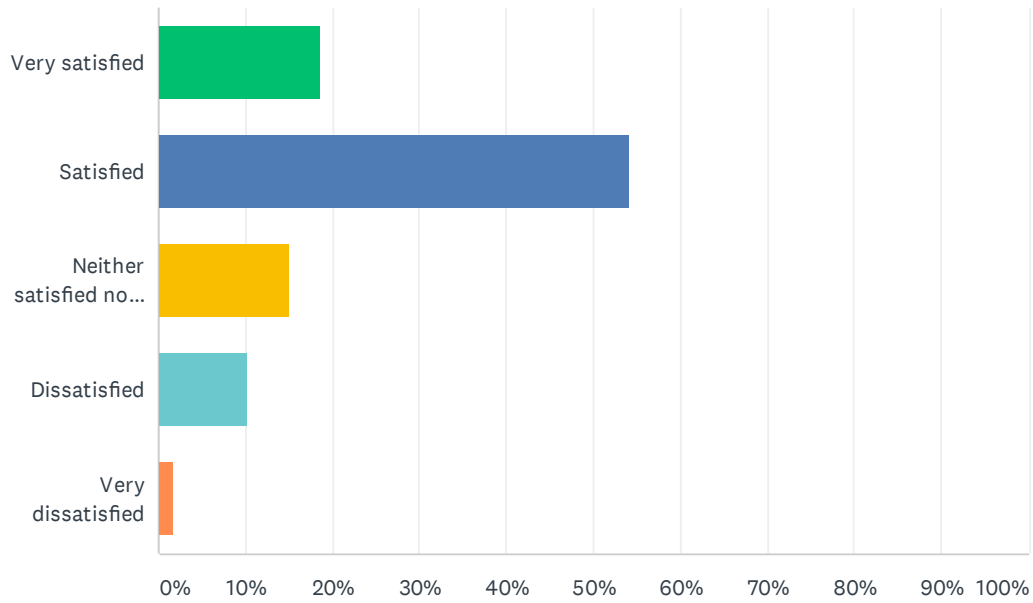
ANSWER CHOICES	RESPONSES	
Very satisfied	18.67%	42
Satisfied	54.22%	122
Neither satisfied nor dissatisfied	15.11%	34
Dissatisfied	10.22%	23
Very dissatisfied	1.78%	4
TOTAL		225

Q6 Why didn't you participate in the IETF 107 Virtual meeting? (check all that apply)

Answered: 46   Skipped: 227
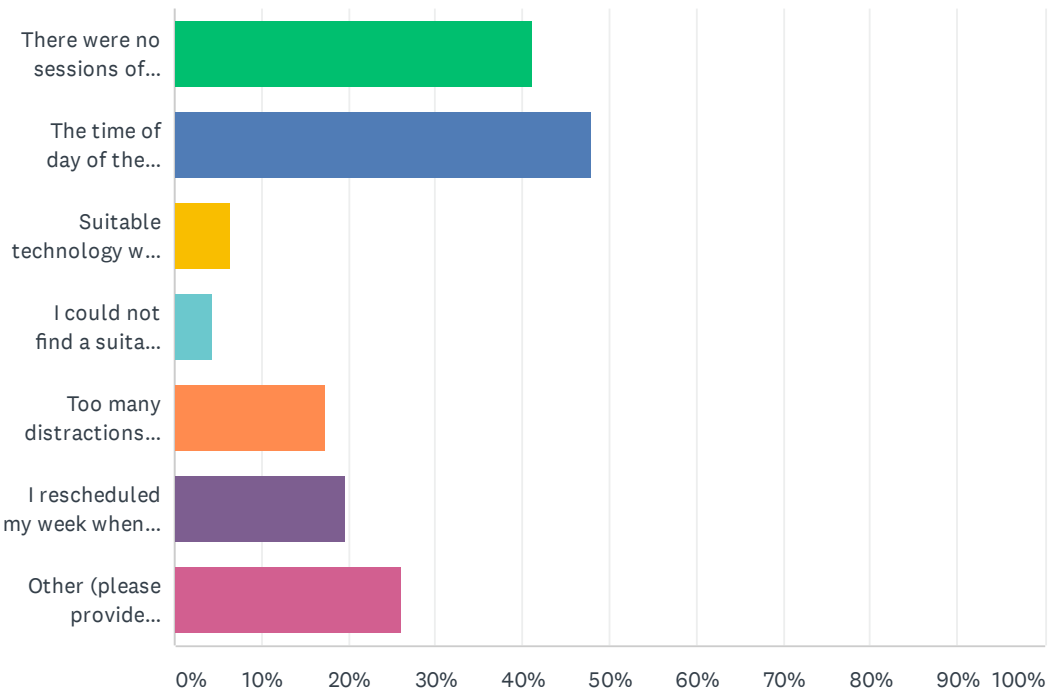
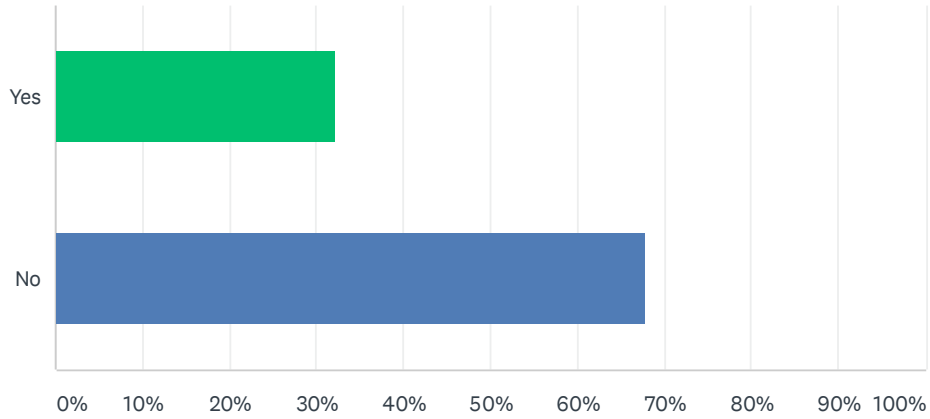| ANSWER CHOICES	RESPONSES	
There were no sessions of interest to me	41.30%	19
The time of day of the meeting was too difficult for me to participate	47.83%	22
Suitable technology was not available	6.52%	3
I could not find a suitable place to work from	4.35%	2
Too many distractions in the place where I would have participated from	17.39%	8
I rescheduled my week when the in-person meeting was cancelled	19.57%	9
Other (please provide details)	26.09%	12
Total Respondents: 46		

IETF 107 Virtual Meeting Survey

#	OTHER (PLEASE PROVIDE DETAILS)	DATE
1	I do have a contentious issue and my participation may not be appropriate. There is a high risk of personalizing my contribution.	4/1/2020 1:09 PM
2	I just joined two days ago	3/31/2020 7:26 PM
3	I was not in sync with schedule :-(	3/31/2020 1:49 PM
4	misread the damn timezone. thought it was PDT but the author of announcement used EDT. use 1 bloody timezone for all announcements	3/31/2020 12:51 PM
5	my workload at $dayjob increased because of COVID-19 related impact on operations of the Internet	3/31/2020 12:42 PM
6	The distraction was motivated by the current pandemic and its consequences in my city. I was not emotionally abled to focus on these discussions.	3/31/2020 6:37 AM
7	The WGs I am interested in are scheduled to have virtual meetings in the following weeks	3/30/2020 2:17 PM
8	I've been out of the ietf loop for a while and going to the in person meeting was my plan for getting back in the loop	3/30/2020 11:26 AM
9	difficult to track new schedule	3/29/2020 2:25 AM
10	There is no existing technology that can replace an in-person meeting	3/28/2020 10:04 PM
11	The regular WG meetings disappeared from the schedule, I didn't care about the new WGs. Also, heard endless screaming about the rotten tech on the attendees mailing list.	3/28/2020 8:29 PM
12	I could not join the session, I have sent request email for password but not help.	3/28/2020 3:09 PM

Q7 Did you participate in any of the chair/participant testing sessions the week before the virtual meeting?

Answered: 224   Skipped: 49

ANSWER CHOICES	RESPONSES	
Yes	32.14%	72
No	67.86%	152
TOTAL		224

Q8 Did you read the chair/presenter/participant guides?

Answered: 224   Skipped: 49
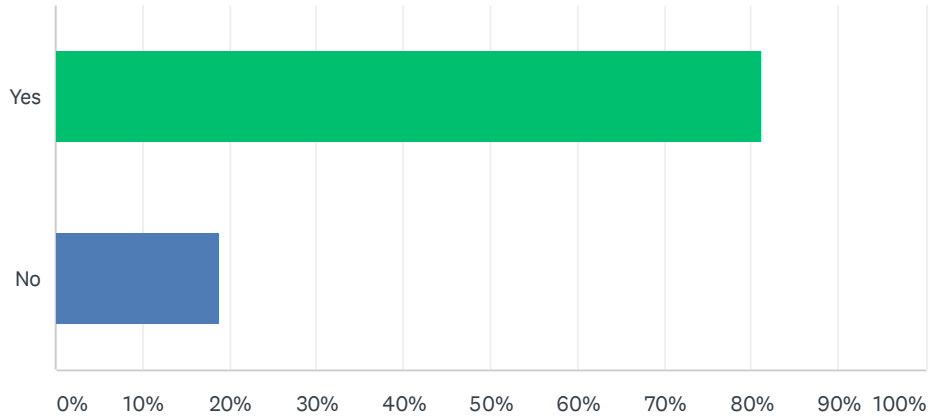
ANSWER CHOICES	RESPONSES	
Yes	81.25%	182
No	18.75%	42
TOTAL		224

Q9 Thinking of the technologies (Webex, jabber, Etherpad), were you well prepared for participating in IETF 107 Virtual?

Answered: 222   Skipped: 51
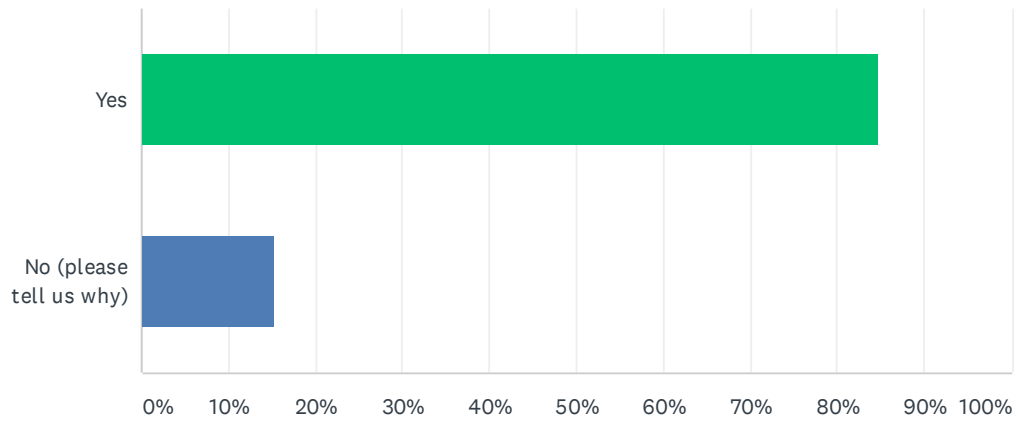
ANSWER CHOICES	RESPONSES	
Yes	84.68%	188
No (please tell us why)	15.32%	34
TOTAL		222

IETF 107 Virtual Meeting Survey

#	NO (PLEASE TELL US WHY)	DATE
1	Corporate VPN did not provide access to Jabber or Etherpad. Webex worked, but it was not clear whether a password was required for the meeting (I was prompted by my browser for a password but could not find one).	3/31/2020 10:49 PM
2	it's more than those three: materials (pdf or pptx, agendas notes) too manni applicatiosn at the same time	3/31/2020 8:57 PM
3	Not all the applications were installed before in my equipment.	3/31/2020 4:03 PM
4	WebEx permission to access screen were not set	3/31/2020 1:59 PM
5	I am familiar with Webex, or so I thought, but didn't realize ietf.webex.com would be unique/different. I don't use Jabber and didn't get it to work either. My bad for not prepping better.	3/31/2020 5:39 AM
6	The jabber client (or account) I had didn't work, and I had to get new ones in the middle of a meeting.	3/31/2020 5:22 AM
7	Unable to access Jabber during meeting due to login issues(likely my fault as I did not test ahead of time with jabber. I did test with webex ahead of timeand assumed poorly.)	3/31/2020 4:32 AM
8	Webex and Etherpad worked well, but despite following the guidelines and setting up a Jabber account, I could not get it to work for the session I partcipated in (DRIP).	3/31/2020 3:36 AM
9	Jabber was a bit finicky to use and it was hard to sync discussions on Webex with the Jabber conversaions.	3/31/2020 3:09 AM
10	Jabber is really obsolete. I had to wait for the secretariat to find out where we could still get a free account, and it took me several attempts to find a working client for my laptop.	3/31/2020 2:58 AM
11	I needed to download a jabber client (which I did on Wed)	3/30/2020 11:12 PM
12	jabber always a pain to set up	3/30/2020 10:06 PM
13	I hadn't realized that Jabber was still used (for informal chat among session attendees) in parallel to Etherpad and Webex.	3/30/2020 9:29 PM
14	Unprofessional and rude culture that is typical of IETF continued in Jabber and was ill-checked for this.	3/30/2020 7:39 PM
15	no web interface for Jabber, required becasu ethe jabber clients do not work on our corporate build laptops.	3/30/2020 7:08 PM
16	first time attending IETF	3/30/2020 5:14 PM
17	Webex and Etherpad worked great. Couldn't get jabber to work.	3/30/2020 2:52 PM
18	Technically it works but the streaming setup could be far simpler. Perhaps the time has come to move off of WebEx.	3/30/2020 2:39 PM
19	Microphone issues with Cisco WebEx and Chrome meant that I was not able to participate in the mic line.	3/30/2020 1:15 PM
20	I broke my Jabber installation and had to fall back	3/30/2020 12:29 PM
21	I had used the WebEx platform in the past, but I still found it to be user belligerent. On the plus side, the quality of the presentations (video, sharing of screens) and quality of the audio was excellent. No barrier to participating.	3/30/2020 11:56 AM
22	Jabber was really hard to get working.	3/30/2020 11:23 AM
23	It's a lot of different technologies, and some of them are not widely used by our community (Jabber)	3/30/2020 11:19 AM
24	No - had no jabber capability.	3/29/2020 1:32 PM
25	Could not get Jabber to work. Pretty sure the problem is on my end, though.	3/29/2020 12:13 PM
26	Had difficulty with Jabber on Macintosh. Not solved till more than half way through the first session I participated in.	3/29/2020 7:24 AM

27	I did not realize the level of dependence on Jabber - i.e., all discussion there and I had problems with my jabber client so missed a lot I think. Personally, I think the queuing should be done in jabber and the chat on the Webex. Unless you have a big screen, it's hard to have multiples.	3/29/2020 2:31 AM
28	Jabber application surprisingly did not work (bug on my side, as I usually do not use jabber)	3/28/2020 11:08 PM
29	Being busy with Covid-19 adaptations for family I could not do the prep, and assumed the arrangement would be elegant. Instead I found it disjointed.	3/28/2020 9:08 PM
30	webex was not integrated with other tools. Confusion over jabber and webex chat, virtual bluesheets from ether[ad just didn't work. Stick with single platform for users would have been easier (webex or what ever) and then pull the required info from this platform	3/28/2020 3:12 PM
31	not clear how to use multiple apps; WebEx glitches caught me by surprise	3/28/2020 2:42 PM
32	Jabber access was mildly problematic: the web interfaces overloaded.	3/28/2020 2:36 PM
33	I use jabber so rarely that I always have to relearn how, set up another account, etc	3/28/2020 2:36 PM
34	I didn't bother setting up jabber because that's been hard to do in the past and didn't look any easier this time.	3/28/2020 2:34 PM

Q10 What else could be done to help you prepare?

Answered: 72   Skipped: 201

IETF 107 Virtual Meeting Survey

#	RESPONSES	DATE
1	Tools for checking microphone functionality might be worth exploring.	4/1/2020 8:22 AM
2	I think you did all you really could do on such short notice... I was dissatisfied because I really value the in-person meetings and having all the WGs/RGs done in one week.	4/1/2020 4:28 AM
3	re-think the use of webex; repost important links (esp. the 'blue sheet') regularly into chat	3/31/2020 8:57 PM
4	Due to the circumstances, I think it was done the necessary activities.	3/31/2020 4:03 PM
5	installed a better jabber client	3/31/2020 3:21 PM
6	There is echo when using webex, please notice the problem, and some guidance about how to handle usual problems will be helpful.	3/31/2020 2:57 PM
7	Use slack more and jabber less.	3/31/2020 2:18 PM
8	Practiced sharing content	3/31/2020 1:59 PM
9	It would have been beneficial if the experiences during the test sessions had been more effectively and explicitly fed into the guides/ tutorials and practices during the week. And the schedule/agenda should be real, maybe applying the principle from years ago that no WG interims are allowed within two weeks before or after an IETF meeting. Meetings during that we should simply go on the agenda, because trying to track multiple announcements, lists in different places, etc., just makes planning and preparation harder. And presentations for which the slides are not distributed well in advance should not be allowed... and all materials should be accessible from the agenda, not some from the agenda, some only from meeting materials pages, and some only in the prototype proceedings. All of those are preparation issues, not merely in-meeting ones, although they have impact in both places.	3/31/2020 1:22 PM
10	Improve accessibility to each of the technologies mentioned at 8. Especially in the case of jabber, if you were not a previous user, it was hard to find it. Ether pad also has plenty of room for improvement	3/31/2020 1:19 PM
11	It would be nice to not have chat + conferencing separate. If the Webex + Jabber could be combined into a single meeting/chat location that would be ideal.	3/31/2020 12:49 PM
12	I think we should leverage Etherpad more in future, even for the in-person face to face meeting, allowing people who ask questions to write down their name and company they are associated with. Write down their questions ahead of time to help meeting go more smoothly. Otherwise, there are always those loud people occupying the mic just for the sake of talking	3/31/2020 11:34 AM
13	nothing really.	3/31/2020 6:55 AM
14	I had a local Jabber client and account from previous meetings, but a web-based client would help make it easier to connect.	3/31/2020 6:08 AM
15	better tooling - though on this notice its understandable jabber is a flat out joke in 202. There is no need to have engineers spending time taking minutes or relaying text chats when everyone has the same recorded experience. Outsource that. No video when our days are filled with video is also a joke,	3/31/2020 4:13 AM
16	Planned more for who to talk to and what to raise issues about.	3/31/2020 3:51 AM
17	Need to simplify the Jabber chat experience.	3/31/2020 3:36 AM
18	The instructions were excellent - using +q/-q was a good way to manage what the tool lacks	3/31/2020 3:07 AM
19	Not being asked to use so many technologies when one would have been enough for everything.	3/31/2020 2:36 AM
20	More training for chairs on how to use the presentation technology. We lost a lot of time with a confused chair who wouldn't give up presentation control in spite of several members on the call instructing them what to do.	3/31/2020 2:12 AM
21	IMPROVE description of jabber join process	3/30/2020 11:49 PM
22	A short overview of important tools ad their purpose. There was a whole discussion on the list of Jabber/XMPP clients, but in the end I went for a webclient recommended by collegues	3/30/2020 11:40 PM

(https://jabber.jp/, and when that failed, https://jabber.hot-chilli.net/inverse/) due to ease of use without requiring to vet a local macOS client.

23	A more user friendly system than Jabber, and running Etherpad on a port that's accessible from my company's network.	3/30/2020 11:39 PM
24	a better ability to multi-task - LOL	3/30/2020 11:12 PM
25	less tools, more integration	3/30/2020 10:06 PM
26	Admittedly, I only felt comfortable with the WebEx and Etherpad tools, but haven't boldly wandered into jabber yet....	3/30/2020 9:28 PM
27	If Webex or meetecho was a replacement to F2F I guess we'd not do F2F anymore. In my case I cannot take the jet lag while at home in a very different time zone. I cannot efficiently discuss the problems like we do at the mike. Virtual is fantastic for recurrent interims with a limited number of key people speaking. But the real IETF,with the corridors meetings, the mike discussions, the full immersion in the IETF for a week, cannot be replaced by virtual.	3/30/2020 8:16 PM
28	I was very happy with this set-up and I think we should consider doing at least half of our meetings online in the future.	3/30/2020 8:03 PM
29	Provide prepair/wrap-up channels for the sessions	3/30/2020 7:42 PM
30	Better culture.	3/30/2020 7:39 PM
31	I think the instructions were sufficient.	3/30/2020 7:30 PM
32	The organization of the virtual meeting, despite the actual context was perfect.	3/30/2020 7:23 PM
33	The usual. Slides on line, etc.	3/30/2020 5:21 PM
34	in advance guides for installation of jabber	3/30/2020 5:14 PM
35	Under the circumstances, not much other than making it easier to find the event calendar to subscribe to.	3/30/2020 3:35 PM
36	Calendar invites could have been generated from the session page and included all links in the cal description text, rather than forcing those of us with tight schedules to rapidly dig up the info right before the session.	3/30/2020 3:23 PM
37	Much easier alternative to jabber. thank you for a great event.	3/30/2020 2:52 PM
38	Not clear. Without being able to look at the faces and body language in the room to gauge reactions and consensus, decision making was severely impeded.	3/30/2020 2:44 PM
39	A simpler guide	3/30/2020 2:39 PM
40	I could figure out if it was possible to mute/unmute when presenting in full screen without leaving full screen and disrupting the presentation.	3/30/2020 1:29 PM
41	Nothing. This was my fault :-)	3/30/2020 12:29 PM
42	The instructions were well written and clear as to how to join the jabber, etherpad and webex. Excellent job folks.	3/30/2020 11:55 AM
43	A lot of people were struggling to get (back) up to speed with jabber	3/30/2020 11:48 AM
44	helpful links to every tool in use, in one easy to find location. Kill jabber. Enough 1990 era dogfood Kill webex. Move to zoom or something less buggy	3/30/2020 11:27 AM
45	Have more WG meetings. Have a virtual agenda with all of the necessary links, rather than a daily meeting.	3/30/2020 11:25 AM
46	everything just worked as expected in the browser; the lack of a native client for Linux was not an issue to participation for me.	3/30/2020 11:24 AM
47	Make jabber easy, or use a tool that serves the same purpose but is easy. A tool that requires expertise and cunning to get working is not a good use of participants' time.	3/30/2020 11:23 AM
48	Not much more considering the timeframes. Repurposing a tool like jitsi meet might work better than mapping ietf processes into a stock tool like Webex	3/30/2020 11:23 AM

| 49 | The testing sessions could have covered more details of webex functioning, as several chairs had problems sharing their screen. Also, we realized by chairing the meeting that the jabber chat was used much more heavily than during in person meetings. That needs to be carefully monitored to get the sense of the room, and between running the slides, checking the queue, chairing, it was hard to do everything at the same time. Either more clear rules need to be set to move the discussion to the mic (keep only minor comments questions to the chat), or chairs need to be prepared to deal with a very active chat (so delegating other functions to other participants). | 3/30/2020 11:22 AM |
50	It's no one's fault, but the agenda was still being updated late the week before IETF 107, including links. Thank you all for the extraordinary effort to make this happen.	3/30/2020 11:21 AM
51	The most important step would be to reduce the number of technologies that must be juggled.	3/30/2020 11:20 AM
52	1) the agenda needs to have all links: jabber, etherpad, webex 2) Session chairs need to arrange scribes,etc. ahead of time. 3) Session chairs need to talk to (remote) presenters, to make sure that they actually have a working microphone. 4) session chairs need to think a lot more about their environment (number of monitors), before the session. This can't be ad-hoc from the living room coffee table.	3/30/2020 5:28 AM
53	Integrated jabber, as before, would have been great. Otherwise, everything was good.	3/29/2020 1:32 PM
54	I should have participated in a testing session.	3/29/2020 7:24 AM
55	Per comment above, been more aware of how important Jabber would be.	3/29/2020 2:31 AM
56	Uploading slides in advance, as usual.	3/29/2020 12:30 AM
57	People new to Jabber clearly need more handholding.	3/28/2020 10:49 PM
58	If you're going to choose a less-than-optimal solution like Webex (presumably because Cisco is a sponsor) then at least use the integrated Jabber client https://www.cisco.com/c/en/us/products/unified-communications/jabber/index.html Participant prep should not even be necessary.	3/28/2020 9:08 PM
59	Need more involvement before and after the event. From Asia (like. Nepal) we need more opportunity to be part of such great event. Thanks for the virtual and thanks to the organizers for great event.	3/28/2020 5:08 PM
60	in asia, session time is 05:00-09:00. it's hard for me.	3/28/2020 5:01 PM
61	Run a jabber server of your own, so we're not scrambling to find one?	3/28/2020 4:35 PM
62	in the evolving situation - not much. To be clear, I think all did a great job handling the rapid evolution/switch to an on line meeting. in parallel with planing for a possible in person 108, I suggest some serious thought be given on how to run a virtual 108 or perhaps move to a rolling interim meeting pattern, without specific 'ietf' schedules other than for plenaries...	3/28/2020 3:12 PM
63	jabber seems unnecessarily hard to set up and use. perhaps a reasonable alternative could be found for future meetings.	3/28/2020 3:09 PM
64	Can't think of anything. Went amazingly well.	3/28/2020 3:03 PM
65	When I chaired, for some reasons I ended up to manage to share my desktop and so did not want to look at the chat nor the jabber as I did not know if webex show them in which case they would overlap the presentations. understanding what is shown and what is not showed might be useful to know. But that takes a few meetings to get over.	3/28/2020 2:58 PM
66	I think having a hallway Webex (and the hallway jabber) available on an ongoing basis would help, as software constantly evolves and needs testing.	3/28/2020 2:44 PM
67	We need details of using a Jabber client. No time to prepare that at this time, and I could not comment on my opinions during the meeting.	3/28/2020 2:43 PM
68	I thought the instructions were very well done. I had no problems beyond the expected audio glitches I heard from a few participants.	3/28/2020 2:42 PM
69	advice on setting up all three. less glitchful setting up WebEx	3/28/2020 2:42 PM
70	Jabber is dramatically non-user-friendly, and I don't understand why the IETF still uses it. I've abandoned having locally installed Jabber clients in favor of MeetEcho and the Jabber Bridge	3/28/2020 2:38 PM

	to the QUIC Slack instance, and had to dig one up for this meeting. Please replace Jabber with something in current use.	
71	IETF should consider hosting jabber to ensure reliability.	3/28/2020 2:36 PM
72	Don't force us to have jabber accounts and clients, provide a web based jabber client as a fallback.	3/28/2020 2:36 PM

Q11 How satisfied were you with the chair/participant testing session(s) you participated in?

Answered: 71   Skipped: 202
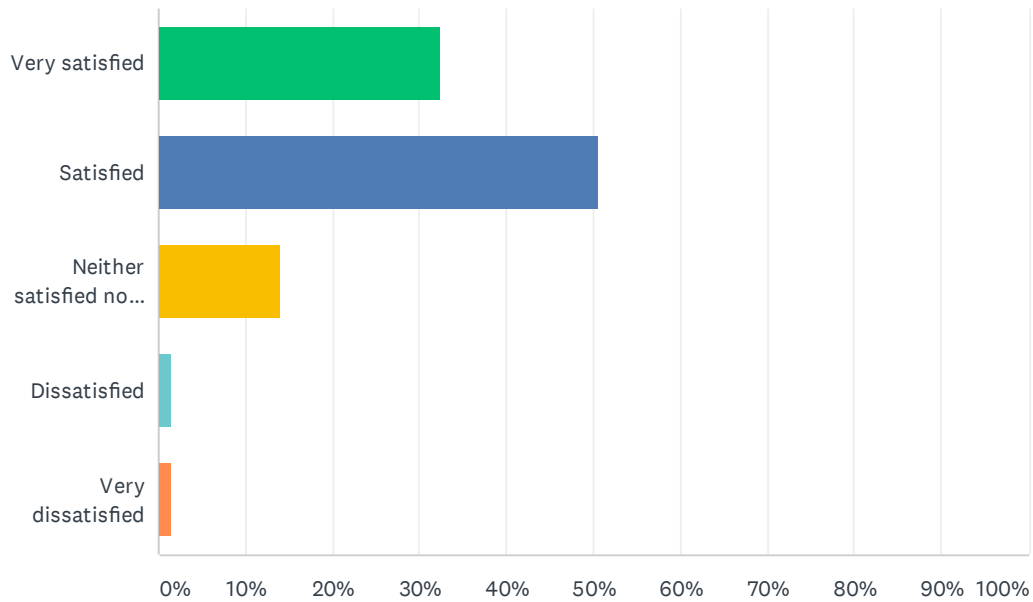
ANSWER CHOICES	RESPONSES	
Very satisfied	32.39%	23
Satisfied	50.70%	36
Neither satisfied nor dissatisfied	14.08%	10
Dissatisfied	1.41%	1
Very dissatisfied	1.41%	1
TOTAL		71

Q12 How can we improve the chair/participant testing sessions?

Answered: 19   Skipped: 254

#	RESPONSES	DATE
1	By encouraging more virtual participation	3/31/2020 4:04 PM
2	Practice sharing content, using jabber and etherpad	3/31/2020 2:00 PM
3	More clarity about what was intended. I was told both that they were going to be real sessions for which the whole two hour block should be set aside (although, in practice, the one in which I participated was pretty much done after an hour) and that they would be drop-in testing sessions, not unlike office hours.	3/31/2020 1:26 PM
4	Test audio, since in some meeting people had trouble with audio once in the queue.	3/31/2020 1:12 PM
5	the hallway webex was useful for testing screen share, etc..	3/31/2020 4:14 AM
6	Use the same technology in regular meetings so testing sessions are not required, as all partcipants will have solid user experience.	3/31/2020 3:37 AM
7	The Webex testing worked well, could usefully have been supplemented with a jabber session for completeness.	3/31/2020 12:31 AM
8	I did not attend, but don't think I would have benefited much.	3/31/2020 12:12 AM
9	No idea	3/30/2020 7:23 PM
10	Need more practical info about jabber	3/30/2020 7:12 PM
11	They were fine	3/30/2020 2:45 PM
12	More practice in presentation and Q handling	3/30/2020 1:30 PM
13	Have the presenters know more about WebEx settings for users	3/30/2020 11:30 AM
14	More webex training + more jabber chat monitoring training.	3/30/2020 11:23 AM
15	The first testing session (where I participated) did not have queue management. I believe they added it since.	3/28/2020 10:50 PM
16	ask every participant to speak and use jabber	3/28/2020 6:15 PM
17	Depending on the number of participant, it would be good to let anyone take the ball. Another useful thing is the handling of pdf reader.	3/28/2020 3:01 PM
18	Suggest (and leave the webex session open for some time) to allow people to test out presenting slides and such.	3/28/2020 2:49 PM
19	I didn't find this very useful. An Echo service that enables people to test is probably the simplest path to covering most problems.	3/28/2020 2:39 PM

Q13 What was the main reason why you did not participate in any of the chair/participant testing sessions?

Answered: 152   Skipped: 121
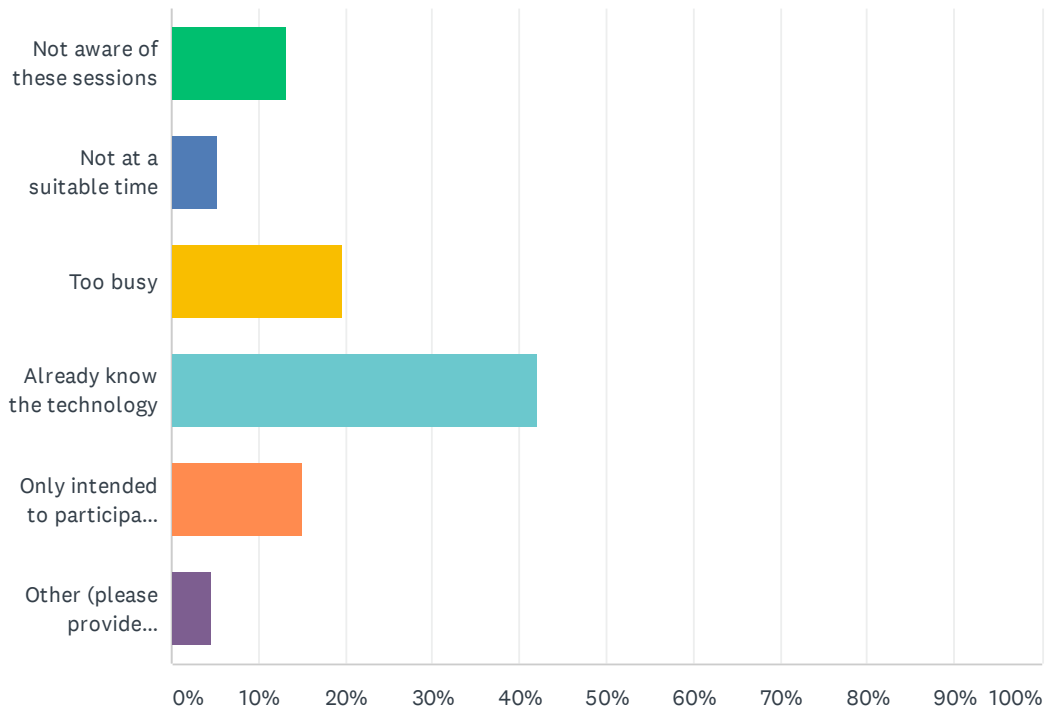
ANSWER CHOICES	RESPONSES	
Not aware of these sessions	13.16%	20
Not at a suitable time	5.26%	8
Too busy	19.74%	30
Already know the technology	42.11%	64
Only intended to participate as a watcher and not speak or present	15.13%	23
Other (please provide details)	4.61%	7
TOTAL		152

#	OTHER (PLEASE PROVIDE DETAILS)	DATE
1	did not know about; anyway it turned out I didn't need them	3/31/2020 1:55 PM
2	It was midnight in my timezone	3/31/2020 12:46 PM
3	Difficult to prioritize virtual IETF meetings over day job.	3/31/2020 5:40 AM
4	i wanted to, but only one time slot was suitable and i forgot. Why not leave some testing service open all the time, like with skype	3/30/2020 11:31 AM
5	1. My usual experience with remote meetings is the toolset is self-evident; 2. Covid-19 lockdown prep required attention.	3/28/2020 9:11 PM
6	not clear why needed.	3/28/2020 3:12 PM
7	I saw an email about them a few days prior but by the time I got around to checking into this I had missed the times. Having the specifics sent around a couple weeks in advance would help.	3/28/2020 2:39 PM

Q14 How satisfied were you with the chair/presenter/participant guide(s)?

Answered: 181   Skipped: 92
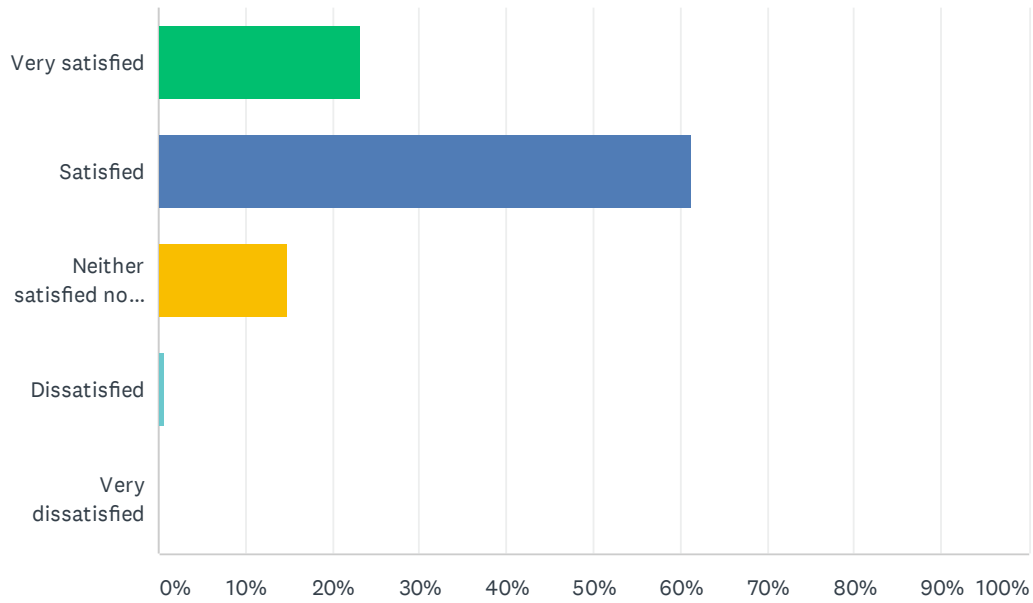
ANSWER CHOICES	RESPONSES	
Very satisfied	23.20%	42
Satisfied	61.33%	111
Neither satisfied nor dissatisfied	14.92%	27
Dissatisfied	0.55%	1
Very dissatisfied	0.00%	0
TOTAL		181

Q15 How can we improve the chair/presenter/participant guides?

Answered: 28   Skipped: 245

IETF 107 Virtual Meeting Survey

#	RESPONSES	DATE
1	More guidance on the limitations of the web interface.	4/1/2020 8:22 AM
2	how to fix problems when using webex	3/31/2020 2:58 PM
3	Take everything learned during the testing sessions and the meeting and fold them in. One of those lessons is that WebEx should start with all microphones and video muted and let them be un-muted only when the chair (or someone else) says so. If it doesn't have that capability, someone should yell at Cisco or we should find a different platform.. Both zoom and Meetecho definitely have that capability.	3/31/2020 1:26 PM
4	See previous comment at 9.	3/31/2020 1:20 PM
5	The Jabber guide was excellent.	3/31/2020 1:12 PM
6	Saw there was a guide to jabber updated somewhere but then couldn't find it. It'd be nice if the updated info on how to connect to jabber would've been referenced in the guide	3/31/2020 12:26 PM
7	Include more screen shots to support the text.	3/31/2020 3:37 AM
8	Make them shorter.	3/31/2020 2:36 AM
9	It appeared that many participants were not aware of these guidelines. That forced chairs to teach the guidelines prior to their WG session. Need a way to make the guide more visible to the casual participant.	3/31/2020 12:35 AM
10	Not sure. They seem OK to me.	3/30/2020 7:31 PM
11	Need more practical info about jabber. In particular where to register for new user account.	3/30/2020 7:12 PM
12	good as is.	3/30/2020 2:52 PM
13	The guides were not the problem	3/30/2020 2:45 PM
14	I thought the guides were good. Getting presenters to read them, well, that's another matter.	3/30/2020 11:57 AM
15	I think they were excellent.	3/30/2020 11:56 AM
16	Explain more how Etherpad will look during the meeting	3/30/2020 11:30 AM
17	the guides are fine. The toolset is not	3/30/2020 11:28 AM
18	(Again, reduce the number of things that need to be covered.)	3/30/2020 11:21 AM
19	figure out HOWTO hum	3/30/2020 11:14 AM
20	some feedback to the WG chairs as to how well they actually did.	3/30/2020 5:29 AM
21	Emphasize the importance of Jabber and that the Webex chat is only for +q (but again I think it should be reversed).	3/29/2020 2:32 AM
22	Webex displayed a hand for "hand up". But the question queue required +q. Many of us don't RTFM, we just anticipate that the UI ought to be self-evident.	3/28/2020 9:11 PM
23	N/a	3/28/2020 5:08 PM
24	Well, I think that it is not possible to document all experiences. Keeping them short is essential... then it is mostly labs experience that is needed	3/28/2020 3:01 PM
25	A bit more instruction on all of the buttons and widgets in webex would have been useful.	3/28/2020 2:49 PM
26	link to how-to guides for most suggestions	3/28/2020 2:44 PM
27	I suggest that for macOS another jabber client like swift.im be mentioned.	3/28/2020 2:43 PM
28	Overall they seemed fine but I didn't read every word. Anything to make things shorter and simpler is good and probably better.	3/28/2020 2:39 PM

Q16 What was the main reason why you did not read any of the chair/presenter/participant guides?

Answered: 42   Skipped: 231
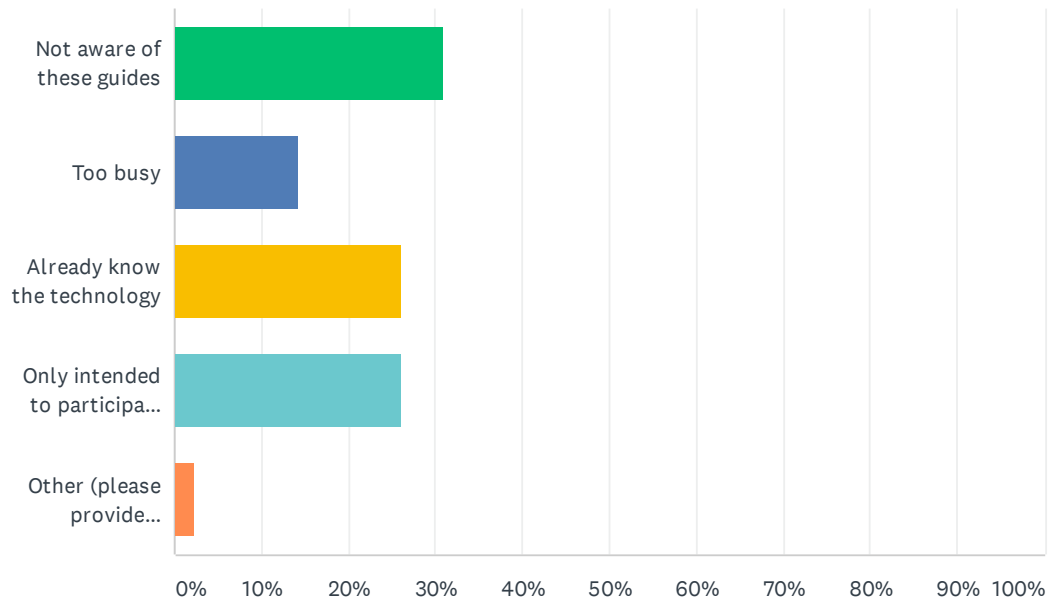
ANSWER CHOICES	RESPONSES	
Not aware of these guides	30.95%	13
Too busy	14.29%	6
Already know the technology	26.19%	11
Only intended to participate as a watcher and not speak or present	26.19%	11
Other (please provide details)	2.38%	1
TOTAL		42

#	OTHER (PLEASE PROVIDE DETAILS)	DATE
1	did not know about; anyway it turned out I didn't need them	3/31/2020 1:55 PM

Q17 Which sessions did you participate in? (check all that apply)

Answered: 221   Skipped: 52
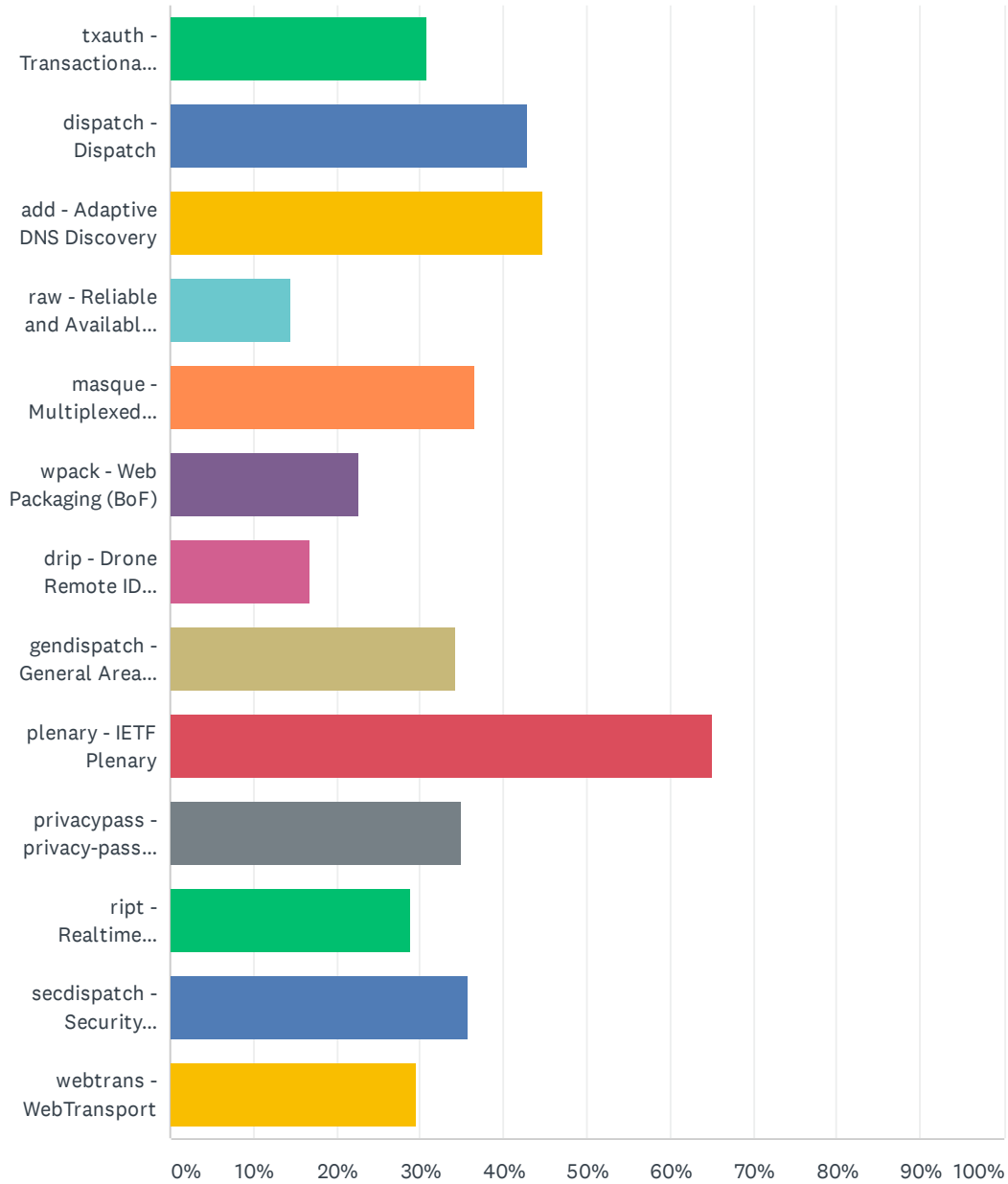
IETF 107 Virtual Meeting Survey

ANSWER CHOICES	RESPONSES	
txauth - Transactional Authorization and Delegation (BoF)	30.77%	68
dispatch - Dispatch	42.99%	95
add - Adaptive DNS Discovery	44.80%	99
raw - Reliable and Available Wireless	14.48%	32
masque - Multiplexed Application Substrate over QUIC Encryption (BoF)	36.65%	81
wpack - Web Packaging (BoF)	22.62%	50
drip - Drone Remote ID Protocol	16.74%	37
gendispatch - General Area Dispatch	34.39%	76
plenary - IETF Plenary	65.16%	144
privacypass - privacy-pass (BoF)	34.84%	77
ript - Realtime Internet Peering for Telephony (BoF)	28.96%	64
secdispatch - Security Dispatch	35.75%	79
webtrans - WebTransport	29.41%	65
Total Respondents: 221		

Q18 Were you able to participate in all sessions that you wanted to participate in?

Answered: 218   Skipped: 55
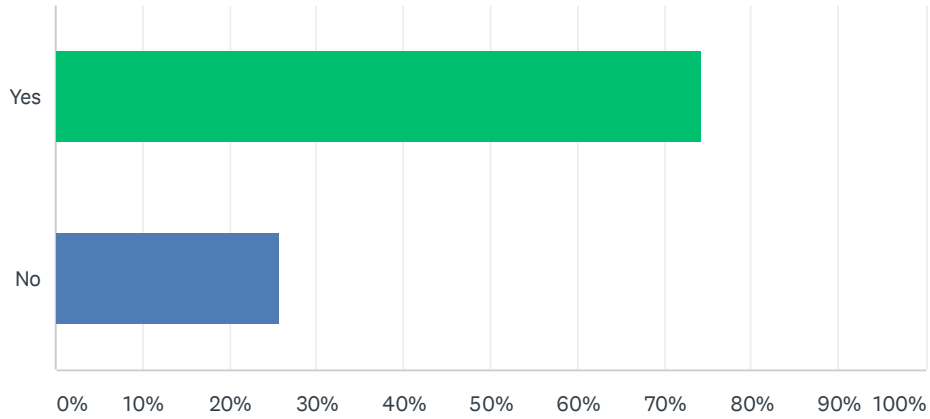
ANSWER CHOICES	RESPONSES	
Yes	74.31%	162
No	25.69%	56
TOTAL		218

Q19 How many sessions did you participate in that you would not normally participate in?

Answered: 146   Skipped: 127

#	RESPONSES	DATE
1	1	4/1/2020 12:30 PM
2	6	4/1/2020 11:30 AM
3	2	4/1/2020 8:23 AM
4	2	4/1/2020 6:55 AM
5	0	4/1/2020 5:23 AM
6	6	4/1/2020 4:44 AM
7	3	4/1/2020 4:29 AM
8	1	4/1/2020 12:59 AM
9	0	3/31/2020 10:50 PM
10	2	3/31/2020 9:18 PM
11	one	3/31/2020 8:59 PM
12	3	3/31/2020 8:43 PM
13	None	3/31/2020 8:27 PM
14	0	3/31/2020 7:33 PM
15	3	3/31/2020 4:05 PM
16	3	3/31/2020 3:23 PM
17	3	3/31/2020 3:02 PM
18	5	3/31/2020 2:15 PM
19	2	3/31/2020 1:55 PM
20	1	3/31/2020 1:54 PM
21	1	3/31/2020 1:43 PM
22	0	3/31/2020 1:27 PM
23	1	3/31/2020 1:21 PM
24	0	3/31/2020 1:12 PM
25	1	3/31/2020 1:09 PM
26	0	3/31/2020 12:50 PM
27	1	3/31/2020 12:47 PM
28	none	3/31/2020 12:40 PM
29	1	3/31/2020 12:27 PM
30	sessions in Transport and Art	3/31/2020 11:35 AM
31	Maybe 1 (MASQUE), although in a F2F session the issue really would have been scheduling and whether I *could* attend all the sessions I wanted to.	3/31/2020 8:44 AM
32	9	3/31/2020 7:47 AM
33	0	3/31/2020 6:18 AM
34	0	3/31/2020 6:09 AM
35	0	3/31/2020 6:09 AM
36	0	3/31/2020 5:41 AM
37	1 (or more, depending on how different sessions would have conflicted)	3/31/2020 5:24 AM

38	0	3/31/2020 4:14 AM
39	0	3/31/2020 4:10 AM
40	0	3/31/2020 3:51 AM
41	None	3/31/2020 3:38 AM
42	0	3/31/2020 3:10 AM
43	2	3/31/2020 3:08 AM
44	1	3/31/2020 2:59 AM
45	1	3/31/2020 2:58 AM
46	0	3/31/2020 2:37 AM
47	None	3/31/2020 2:24 AM
48	0	3/31/2020 2:12 AM
49	None	3/31/2020 1:55 AM
50	0	3/31/2020 1:30 AM
51	1	3/31/2020 1:02 AM
52	0	3/31/2020 12:36 AM
53	none - but there were many that I would have liked to have seen scheduled	3/31/2020 12:13 AM
54	2	3/30/2020 11:50 PM
55	0	3/30/2020 11:40 PM
56	0	3/30/2020 11:26 PM
57	2	3/30/2020 9:47 PM
58	0	3/30/2020 9:30 PM
59	0	3/30/2020 9:29 PM
60	2	3/30/2020 9:25 PM
61	2	3/30/2020 9:04 PM
62	1	3/30/2020 8:43 PM
63	0	3/30/2020 8:16 PM
64	2	3/30/2020 8:12 PM
65	1	3/30/2020 8:04 PM
66	0	3/30/2020 8:04 PM
67	0	3/30/2020 7:40 PM
68	0	3/30/2020 7:32 PM
69	1	3/30/2020 7:24 PM
70	0	3/30/2020 7:12 PM
71	6	3/30/2020 7:09 PM
72	2	3/30/2020 6:06 PM
73	none	3/30/2020 5:22 PM
74	2	3/30/2020 5:15 PM
75	0	3/30/2020 3:35 PM

| 76	0	3/30/2020 2:53 PM
77	The opposite was true. In person, I would have also participated in dispatch, gendispatch, and secdispatch. After the disappointment of the ineffectiveness of txauth, I lost my incentive to participate in other sessions.	3/30/2020 2:47 PM
78	1	3/30/2020 2:40 PM
79	2	3/30/2020 2:16 PM
80	1	3/30/2020 2:07 PM
81	1	3/30/2020 1:30 PM
82	0	3/30/2020 1:26 PM
83	3	3/30/2020 1:16 PM
84	1-2? Depends on what conflicts the schedule had	3/30/2020 12:40 PM
85	0	3/30/2020 12:30 PM
86	5	3/30/2020 12:25 PM
87	1	3/30/2020 12:22 PM
88	5 or 6	3/30/2020 12:14 PM
89	3	3/30/2020 12:11 PM
90	0	3/30/2020 11:58 AM
91	1	3/30/2020 11:58 AM
92	1	3/30/2020 11:53 AM
93	0	3/30/2020 11:51 AM
94	0	3/30/2020 11:39 AM
95	none	3/30/2020 11:35 AM
96	0	3/30/2020 11:26 AM
97	all?	3/30/2020 11:26 AM
98	0	3/30/2020 11:24 AM
99	1	3/30/2020 11:24 AM
100	0	3/30/2020 11:23 AM
101	At least PrivacyPass, GenDispatch, and SecDispatch. Probably others if this had been an IETF meeting week - just too many conflicts.	3/30/2020 11:23 AM
102	2	3/30/2020 11:22 AM
103	Hard to say. The reduced number of conflicts helped me to visit sessions I'd normally miss.	3/30/2020 11:22 AM
104	2	3/30/2020 11:21 AM
105	1	3/30/2020 11:21 AM
106	0	3/30/2020 11:16 AM
107	0	3/30/2020 11:14 AM
108	5	3/30/2020 10:06 AM
109	0	3/30/2020 9:20 AM
110	the *dispatch are usually conflicted for me	3/30/2020 5:30 AM
111	3	3/30/2020 12:31 AM
112	2	3/29/2020 12:15 PM

113	9	3/29/2020 11:35 AM
114	0	3/29/2020 10:15 AM
115	1	3/29/2020 10:12 AM
116	none	3/29/2020 8:03 AM
117	1	3/29/2020 7:58 AM
118	1	3/29/2020 7:25 AM
119	0	3/29/2020 4:29 AM
120	1	3/29/2020 3:03 AM
121	2 or 3, since fewer conflicts	3/29/2020 2:38 AM
122	0	3/29/2020 2:33 AM
123	2	3/29/2020 12:31 AM
124	0	3/28/2020 11:09 PM
125	can't tell as this would depend on conflicts (paralell sessions)	3/28/2020 7:45 PM
126	0	3/28/2020 6:16 PM
127	5	3/28/2020 5:09 PM
128	0	3/28/2020 5:03 PM
129	3	3/28/2020 4:36 PM
130	0	3/28/2020 3:29 PM
131	0	3/28/2020 3:13 PM
132	0	3/28/2020 3:10 PM
133	2	3/28/2020 3:06 PM
134	0	3/28/2020 3:04 PM
135	I think avoiding overlap of sessions and having a restricted number of session gave the opportunity to people to participate broadly to the session. That was a good experience.	3/28/2020 3:03 PM
136	2	3/28/2020 2:58 PM
137	4	3/28/2020 2:58 PM
138	0	3/28/2020 2:51 PM
139	3 unless they were very conveniently scheduled	3/28/2020 2:51 PM
140	None. I would have participated in all of the sessions I listed.	3/28/2020 2:45 PM
141	0	3/28/2020 2:45 PM
142	about half	3/28/2020 2:45 PM
143	1	3/28/2020 2:45 PM
144	1	3/28/2020 2:40 PM
145	1	3/28/2020 2:39 PM
146	2	3/28/2020 2:36 PM

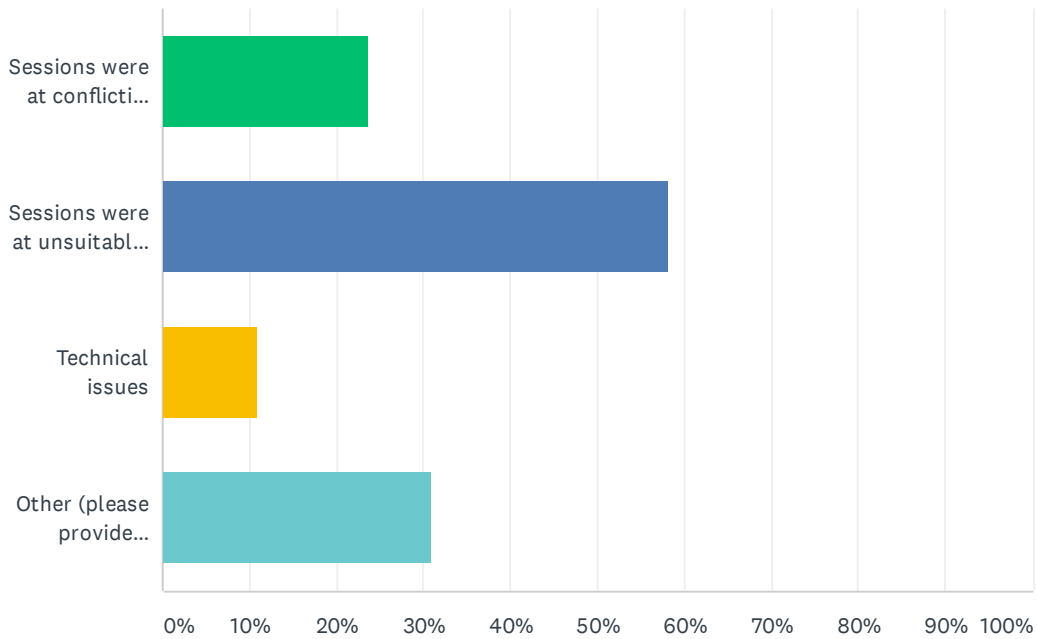# Q20 Which of the following participation mechanisms did you use? (check all that apply)

Answered: 221   Skipped: 52
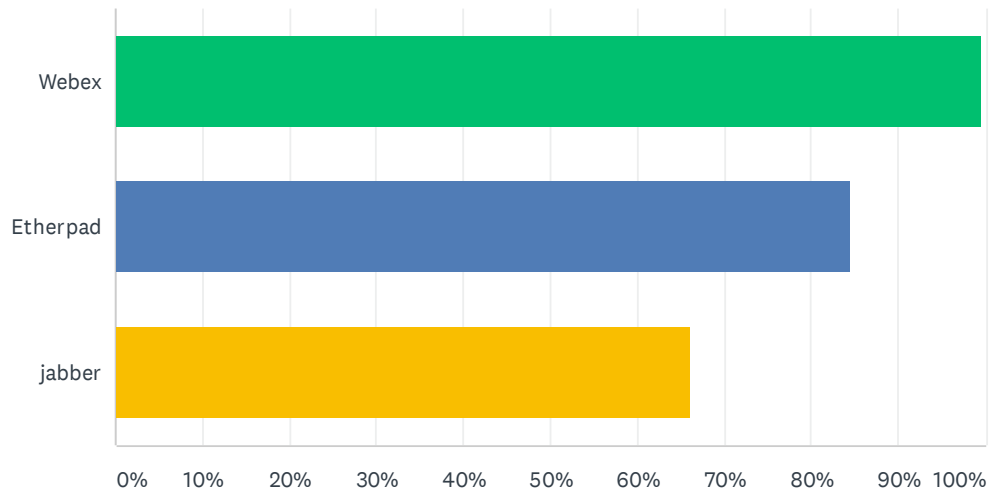
ANSWER CHOICES	RESPONSES	
Webex	99.55%	220
Etherpad	84.62%	187
jabber	66.06%	146
Total Respondents: 221		

Q21 Why weren't you able to participate in all the sessions that you wanted to participate in? (check all that apply)

Answered: 55   Skipped: 218

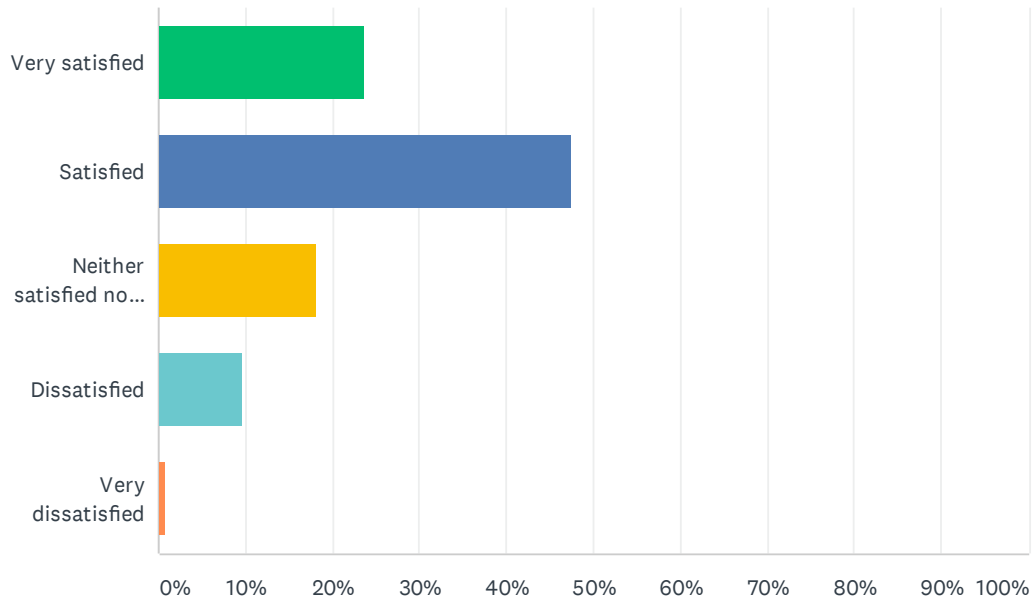| ANSWER CHOICES	RESPONSES	
Sessions were at conflicting times	23.64%	13
Sessions were at unsuitable times	58.18%	32
Technical issues	10.91%	6
Other (please provide details)	30.91%	17
Total Respondents: 55		

IETF 107 Virtual Meeting Survey

#	OTHER (PLEASE PROVIDE DETAILS)	DATE
1	Non existing for the virtual meeting	4/1/2020 6:55 AM
2	medical issue requiring immediate attention	4/1/2020 4:30 AM
3	Too late	4/1/2020 12:59 AM
4	Busy with other commitments	3/31/2020 8:43 PM
5	Lack of forward planning = this was a busy period. There also seemed less value in watching a video of something outside my main area.	3/31/2020 8:29 PM
6	Most the sessions i wanted were canceled.	3/31/2020 2:16 PM
7	Being home rather than traveling, I could not escape local obligations (RF testing in aircraft hangar).	3/31/2020 1:44 PM
8	Conflict was with my personal work schedule. Since this was a virtual meeting, I wasn't able to pull away from work as I would have with an in-person meeting.	3/31/2020 6:59 AM
9	Got dragged into day job and home tasks. Found it difficult to prioritize as I would normally when physically present and on the same time zone.	3/31/2020 5:43 AM
10	Normal work got in the way like it doesn't when on site. Everyone did a great job under the circumstances, but I realized that I use the time allotted for IETF to do a lot more than attend sessions.	3/31/2020 3:53 AM
11	Most working group meetings were removed from the agenda	3/30/2020 11:40 PM
12	Technical issues with microphone input not working made me uncomfortable to try and ask a question when it might not work and waste the time of 200+ people	3/30/2020 1:17 PM
13	I actually attended a TSV meeting that was not on the list and not web services.	3/30/2020 11:51 AM
14	lack of hallway interactions to see what sessions people i follow go to	3/30/2020 11:34 AM
15	Sessions not on agenda	3/30/2020 2:24 AM
16	Too early for participants in East Asian region.	3/28/2020 2:47 PM
17	I realized several weeks ago that I couldn't go to Vancouver for reasons other than Coronavirus so I made plans for other things. And the schedule changed a bit when the meeting went virtual.	3/28/2020 2:39 PM

Q22 How satisfied were you with the overall Webex experience?

Answered: 219   Skipped: 54
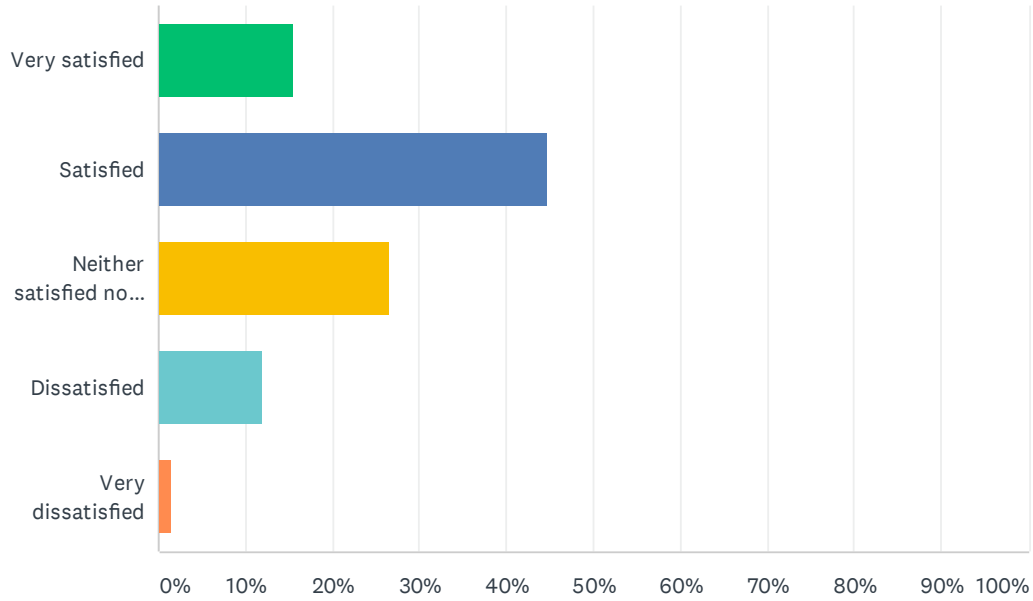

ANSWER CHOICES	RESPONSES	
Very satisfied	23.74%	52
Satisfied	47.49%	104
Neither satisfied nor dissatisfied	18.26%	40
Dissatisfied	9.59%	21
Very dissatisfied	0.91%	2
TOTAL		219

Q23 How satisfied were you with the use of Webex Chat for queue management?

Answered: 219   Skipped: 54

ANSWER CHOICES	RESPONSES	
Very satisfied	15.53%	34
Satisfied	44.75%	98
Neither satisfied nor dissatisfied	26.48%	58
Dissatisfied	11.87%	26
Very dissatisfied	1.37%	3
TOTAL		219

Q24 If you experienced problems with your Webex connections, please indicate what feature(s) were affected? (check all that apply)

Answered: 82   Skipped: 191
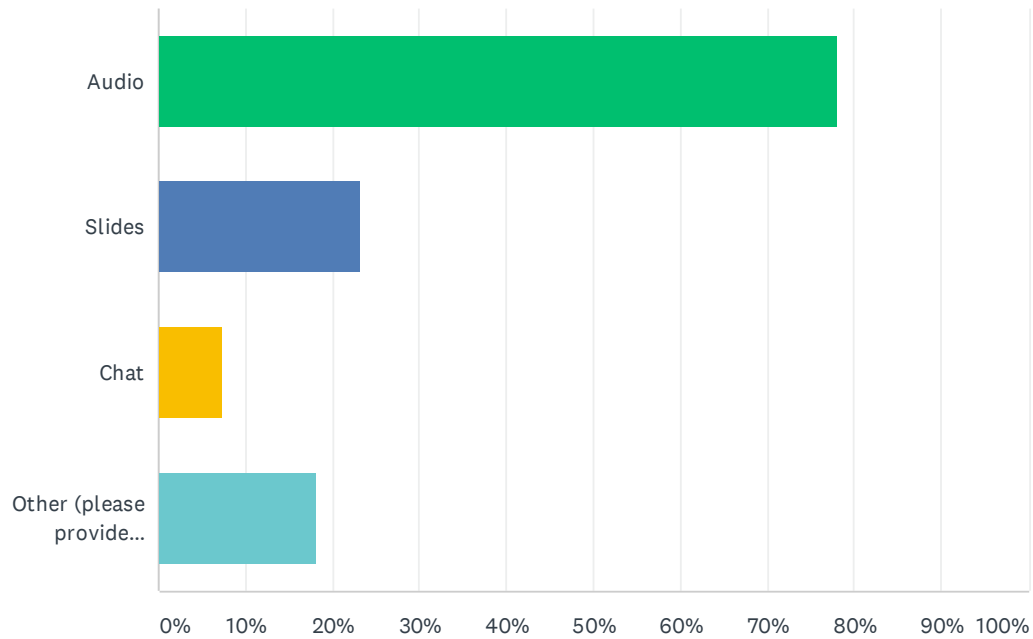
ANSWER CHOICES	RESPONSES	
Audio	78.05%	64
Slides	23.17%	19
Chat	7.32%	6
Other (please provide details)	18.29%	15
Total Respondents: 82		

#	OTHER (PLEASE PROVIDE DETAILS)	DATE
1	I had local network troubles that cause a couple instances of losing all functionality	3/31/2020 3:25 PM
2	I had no issues	3/31/2020 1:22 PM
3	connection cut-off	3/31/2020 1:09 PM
4	Could not get my name to show properly and could not login to ietf.webex.com to change it.	3/31/2020 5:44 AM
5	lack of video. other participants failed to mute.	3/31/2020 4:15 AM
6	None - Webex worked fine for me.	3/31/2020 3:39 AM
7	audio kept dropping for a a few seconds. And sometimes for around 10-12 seconds.	3/31/2020 3:11 AM
8	No problems	3/30/2020 2:56 PM
9	none	3/30/2020 2:08 PM
10	coordination between presenters	3/30/2020 1:45 PM
11	Initial join at top of hour. Otherwise great.	3/30/2020 1:24 PM
12	None, I was quite surprised how well it held up under the load	3/30/2020 12:00 PM
13	Recovery from loss of connectivity took too long. The DOCCIS connection went down, jabber came back but Webex was still down several minutes later.	3/30/2020 11:20 AM
14	inconsistent ways to setup WebEx	3/28/2020 2:48 PM
15	Most of the time everything was great but when someone forgets to mute their mic or has bad feedback it was difficult to debug.	3/28/2020 2:42 PM

Q25 How can we improve the overall Webex experience?

Answered: 93   Skipped: 180

#	RESPONSES	DATE
1	It seemed silly to have both jabber and webex chat open at the same time.	4/1/2020 11:30 AM
2	Limiting webex chat to manage the mic queue didn't work all that well, especially in the beginning. One disadvantage is that the jabber record isn't displayed in sync when watching a recording. Consider managing the queue with jabber next time (swapping roles of jabber and webex chat).	4/1/2020 8:26 AM
3	I just don't like webex interface. It's my least favorite of the major virtual meeting platforms.	4/1/2020 5:30 AM
4	Maybe use the more Webinar/Panel version of Webex?	4/1/2020 4:30 AM
5	Not use webex? It crashed my browser and caused problems for other participants.	4/1/2020 3:05 AM
6	Cisco needs to improve capacity.	4/1/2020 1:26 AM
7	Provide clarity on use of passwords	3/31/2020 10:51 PM
8	Good clear agenda - possibly updated in real time with what the meeting is doing - would help me understand what was happening, who was speaking, and where things would be next. I do not imagine it being easy to contribute for people outside the group ... some cultures are much more forceful in their ways, so it's hard to see balance.	3/31/2020 8:33 PM
9	Working with the provider, to improve it.	3/31/2020 4:06 PM
10	Long wait times when connecting to (computer) audio near the top of the hour is quite frustrating. Having the video (slides) stream cut out for some participants is very bad user experience, though it seems that having a single person present all slides from a single window is an adequate workaround.	3/31/2020 3:25 PM
11	avoid echo please. It is too annoying for both speakers and listener.	3/31/2020 3:03 PM
12	Turn on video	3/31/2020 2:16 PM
13	Practice using all aspects WebEx chat would disappear when switching presentation	3/31/2020 2:01 PM
14	Mostly it would be webex improving the connection time (2 min+ spin up is crazy) and management of large queues of people, e.g. making it easier to edit your display name once already running - and a built-in queue tool. Also like meetecho the "display video of the person currently talking and of the chairs/presenter" would be excellent.	3/31/2020 1:56 PM
15	Modulo the issue of muting people appropriately (even if they won't do it themselves) and getting the code fixed so it can actually maintain a queue (again, Meetecho does that and I think Zoom does too) I don't think the problem is Webex although I do note that I'm sitting in front of two 24 inch screens. Trying to keep track of Webex, Jabber, and Etherpad at the same time was difficult even then. Had I been using a small laptop or tablet, I think it would have been impossible. More of the problems seemed to be the people and training, which appears to need more sorting out.	3/31/2020 1:31 PM
16	For the txauth session, the audio stopped working for many people and we had to reconnect.	3/31/2020 1:14 PM
17	Include chat with it instead of relying on Jabber or another app for that functionality.	3/31/2020 12:50 PM
18	Webex needs UI improvements for large groups of participants. For example, it fixes the minimim size of the chat pane at the expense of the presentation pane. It's not always easy to tell who the speaker is. It hides certain important buttons unless you click on the presentation pane.	3/31/2020 12:42 PM
19	should have control over who shares their desktop	3/31/2020 12:29 PM
20	Turn on video! At least for the presenters. It was disappointing that we could not see the people presenting.	3/31/2020 8:46 AM
21	While presenting, it's hard to read the room to figure out if people are confused/bored/appreciating-the-joke. Being able to see a selection of the audience would help. Consider using a queue management app like https://tcq.app/ (used by TC39, source at https://github.com/bterlson/tcq).	3/31/2020 6:35 AM
22	Provide instructions to manage ietf.webex.com account. If you did, sorry, I missed it.	3/31/2020 5:44 AM

23	give chairs muting powers.	3/31/2020 4:15 AM
24	Use Zoom	3/31/2020 3:53 AM
25	Webex worked fine for me.	3/31/2020 3:39 AM
26	Webex audio was the problem - otherwise, it would have been excellent	3/31/2020 3:11 AM
27	Webex works ok, but joining the meeting is cumbersome and confusing. It kept me waiting downloading something for minutes every time. Sometimes it ended up asking for username and password even just as a participant.	3/31/2020 3:00 AM
28	Use the features of Webex, such as raising hands for the queue and chat for, well, the chat (instead of jabber).	3/31/2020 2:38 AM
29	I much prefer Meetecho. If we can move back to that for the next IETF, it would be much better.	3/31/2020 1:56 AM
30	The biggest problems were (1) people wanting to make comments who had audio problems, and (2) bad microphones. I think maybe start WebEx 30 minutes prior and insist that everyone who might want to say something get on and test during that time.	3/31/2020 1:35 AM
31	We should do a comparative analysis to other web conferencing tools.	3/31/2020 12:37 AM
32	The user interface isn't perfect and there seemed to be quite a few audio glitches affecting a variety of users. Also the Webex client persists afterwards, on Windows 10 devices at least, needs to be exited manually to properly close. I do wonder whether a simpler client would be better (eg Zoom).	3/31/2020 12:35 AM
33	Recommend that all participants use audio over a path with strong QoS, e.g. telco voice call. I joined with this, but as most other speakers were using best-effort internet audio, many speakers had their voice broken up with excessive jitter.	3/30/2020 11:43 PM
34	Works for me, but presenters should test their audio/video setup before the session. Queued people should also make sure that their audio works. Maybe some kind of self-test could be implemented?	3/30/2020 11:42 PM
35	separate mic queue from chat. perhaps w/ the hand raising from the attendees list (but you'd need a number too)? or like pulling a number for the deli counter?	3/30/2020 11:15 PM
36	The bifurcated jabber/webex/etherpad chat are a pain to follow maybe a better use of the "raise hand" webex feature can be found	3/30/2020 10:09 PM
37	For a WG co-chair, it was taxing to juggle the tracking of inputs on 3 tools. It would have been nice to use the chat window in WebEx to capture comments and use some other mechanism to handle the mic queue; could the raise-hand mechanism in WebEx have managed the queue for example?	3/30/2020 9:32 PM
38	Tell presenters to use video if they are willing.	3/30/2020 9:05 PM
39	integrate the jabber session	3/30/2020 8:17 PM
40	Chairs should manage the queue strictly - as in real meetings, certain "well-known" people were allowed to jump in or join the queue once cut, whereas others were not.	3/30/2020 7:40 PM
41	Recording of the session afterwards would be great.	3/30/2020 7:19 PM
42	I hear Webex Events is better at avoiding cases where people unmute and blast hundreds of people with background noise. This was rare, but very disruptive when it happened. Many people had mic issues. This is likely a product of some unaccustomed setups, but this isn't acceptable. Sometimes (once for myself even) this was network-related. Given the relatively low bitrates, this seems totally avoidable. Finally, there were a few instances of audio partitioning, where some people were unable to hear speakers when others could. Not sure how to handle that.	3/30/2020 4:22 PM
43	Maybe try an alternative. Hadn't used Webex in years.	3/30/2020 3:24 PM
44	pretty impressive that it can handle nearly 300 participants. webex is fine. Find something better than jabber.	3/30/2020 2:56 PM
45	Get CISCO to make the UX more intuitive	3/30/2020 2:47 PM
46	replace it	3/30/2020 1:45 PM

47	I don't think we should improve the Webex experience. I think we should go back at using Meetecho which provides all tools (Audio/Video, Jabber, Etherpad, virtual queue) in a single interface. Of course assuming Meetecho is capable of handling the very high number of participants we had and will sure have in the future if we go all-virtual again. If not, we should either work to make it scale, or work to have all tools integrated into Webex (I guess this is hard to accomplish).	3/30/2020 1:31 PM
48	Move to Google Meet which in my experience has handled audio quality much better, and I have had much better success with my audio setup in Meet than in other videoconferencing systems.	3/30/2020 1:19 PM
49	Always specify password (plenary in this case), which may be required to use WebEx app in standalone (not follow the link), please. The session accepts connections 10min before the scheduled start, but this can be longer if possible to allow to resolve audio or similar issues.	3/30/2020 12:27 PM
50	Find something better than Webex. Meetecho could be adapted to do this, and is tied into the IETF's processes.	3/30/2020 12:23 PM
51	Better audio.	3/30/2020 12:10 PM
52	What does it take to force the browser interface to start? I'm not excited about the client ...	3/30/2020 12:05 PM
53	As mentioned by others, it would have been nice to have "rooms" setup for side discussions. Perhaps 5 or 10, to allow people to have a side discussion without the entire crowd listening in	3/30/2020 12:00 PM
54	The key is to have the presenters be cognizant of how the interface works and what they have to do to share screens. Some of the WG chairs built a single PDF of all the meeting materials and then controlled the advancing of the slides by having the presenter say, "Next Slide." I thought this arrangement worked the best.	3/30/2020 11:59 AM
55	have the speaker turn on his/her camera more consistently	3/30/2020 11:55 AM
56	Pick something else like Zoom	3/30/2020 11:51 AM
57	The "+q" queue management thing is almost comically clunky. That said, it actually worked during the plenary, which amazed me, so yay.	3/30/2020 11:36 AM
58	don't use webex, or integrate W3C bots Zakim and RRSAgent into chat	3/30/2020 11:36 AM
59	A vidconf tool used for large conferences should have built-in queue management. Audio was touch and go; zoom does better. Got kicked out of sessions occasionally bug that may be a licsl issue. Webex UI sucks especially in multi-screen setups	3/30/2020 11:32 AM
60	Maybe use something other than WebEx	3/30/2020 11:30 AM
61	The chairs need to practice! - Getting slides lined up ready for sharing - Managing the queue	3/30/2020 11:27 AM
62	Move the queue outside Webex. Eliminate the bug that slides weren't shown, so presenters can show them and we can get rid of "next slide" waits more often. Webex audio remains a hit-and-miss experience; some feedback to speakers whether the audio is going out (and at what volume) would be extremely useful. Forcing direct chats on the screen is a must to get people to mute. I could go on for hours...	3/30/2020 11:25 AM
63	Use Zoom. It's less bandwidth-intensive.	3/30/2020 11:24 AM
64	Get them to fix the annoying "if you logged in with that account you will be that forever"	3/30/2020 11:24 AM
65	Would be nice if webex had side room chat ability - able to create a room and invite a few people in for short period. Also, auto transcription (ala Live Transcribe) published to a jabber room might also be useful.	3/30/2020 11:23 AM
66	Webex needs a "try now" button.	3/30/2020 11:20 AM
67	Replace it with Zoom	3/30/2020 11:16 AM
68	meetecho? :-)	3/30/2020 11:15 AM
69	Need something better than webex chat for queue management. Allow presenter and/or chairs to transmit video.	3/30/2020 9:22 AM
70	Webex should do more to manage the queue automatically. Managing the queue manually by	3/30/2020 6:30 AM

|	typing "+q" or "-q" into the Webex 'chat' seems like a horrible hack.	
71	find another technology, and make it clear to Cisco that we are tired of the lack of attention.	3/30/2020 5:30 AM
72	Needs better integrated chat and queue management. Not quite stable under load.	3/29/2020 2:39 AM
73	Not use WebEx and extend Meetecho to work for an all-remote solution. However, in the circumstance where we are stuck with WebEx: * People asking questions in queue must provide their name before speaking * To enforce muting/no video of participants - the software must be able to manage this better * Questions until after presentation always, even clarifying ones. * Better handling of queues where people asking questions stumble around with being on mute, or getting their mic to work	3/29/2020 12:55 AM
74	While the +q/-q convention worked, having a dedicated tool would be easier on chairs.	3/29/2020 12:33 AM
75	At some point we had a participant who did not hear another specific participant - an audio channel mixup. Overall, the lack of video (even for speakers) reduces the overall quality if the meeting.	3/28/2020 10:53 PM
76	Justify using Webex. Why is it a fait accompli? Why not, say, Jitsi which is free/libre/open and suited to adaptation?	3/28/2020 9:14 PM
77	- dial back to phone was not working internationally (I was unable to enter my full telephone number), needed to use dial-in with cumbersome DTMF and fast change in case of audio issues was not possible. This could be improved, as in other WebEx sessions this works just out-of-the-box. (May be licensing issue) - Automated queue management. Other collaboration tools, such as MeetEcho or Adobe connect have some built-in queue management. [The "perfect" Queue-Management would allow to enter one-self to the queue of the current topic to comment or enhance the ongoing discussion on a particular topic (easier for the audience - in particular the non-native English speaking attendees - to follow the discussion, as opposed to switching forth and back between topics). This is a general queue management comment that applies also to in person IETF meetings.] - If all presentations would be on "full-screen" mode - if the presenters would actually be able to forward slides on their own (as opposed to always ask someone else do it)	3/28/2020 7:57 PM
78	In ASIA during lockdown we are facing bandwidth might I got myself problem in the audio. Thanks for asking	3/28/2020 5:10 PM
79	Built in queue management would be great, or raising hand feature	3/28/2020 4:42 PM
80	Use zoom	3/28/2020 4:41 PM
81	encourage use of the "two bar" screen layout, which more clearly indicates the name of the active speaker.	3/28/2020 4:37 PM
82	Given the set of meetings that I attended, the amount of traffic on jabber that I cared about trying to read was very high. Trying to keep track of three open windows at the same time was often very difficult. I was glad that I was not either chairing or trying to take notes for any of those meetings. I recognize that this was truer than it is going to be for the rest of the meeting scheduled over the next few weeks because it is more of a BOF/Dispatch issue. For most other drafts I am either much less interested and only dip into the jabber window or am completely up on all of the topics and thus don't have a learning curve. The meetecho window where jabber and the presentations are more tightly integrated makes it easier to follow those two windows at the same time. Also for non BOF meetings the traffic on jabber is usually much less.	3/28/2020 3:12 PM
83	Fix occasional dropouts.	3/28/2020 3:05 PM
84	Tell Cisco to produce a browser version that works consistently - many times the slides wouldn't work and you would have to login again. I do not want to use their app as I find it far too invasive on my system (it digs through my Outlook calendar without permission, for example).	3/28/2020 3:00 PM
85	Webex chat for queue management is definitely not the way to go. They really need to add some sort of ordering to the built-in "raise hand" function. Not having video was definitely a bummer. There should be some way to confirm microphones are working that everyone should be made to use.	3/28/2020 2:57 PM
86	{+q,-q} method is convenient for attendees, however, chair(s) would be bothering for line-up queue.	3/28/2020 2:52 PM
87	Really, the only thing that could have gone better would be if you could arrange to correlate the	3/28/2020 2:48 PM

	jabber sessions with the meeting minutes. It was hard to watch the slides, the etherpad notes and the jabber text all at the same time.	
88	demand more from cisco: don't give them monopoly.	3/28/2020 2:48 PM
89	A better tool for mic queue management. The chat window is not right for that. And a major plus of Meetecho that Webex needs is jabber integration. Best of all would be the ability to use Meetecho for 100% remote meetings, even with no video.	3/28/2020 2:47 PM
90	The client on Mac OS X behaves weirdly: reopening, duplicate Dock entries, etc. Some presenters had issues due to odd video setups.	3/28/2020 2:42 PM
91	Ideally there would be a way to combine these things so everything is on the same page (video chat, text chat and sign-in sheet and notes). Not vital but it's fun to dream.	3/28/2020 2:42 PM
92	Well it's not that great a tool. It was unfortunate to not be able to see presenters. It was also unfortunate to not be able to see the mic line queue. The meetecho tool is better.	3/28/2020 2:41 PM
93	Each session would have at least one person with an accidental hot mic. Better mechanisms for ensuring that people are muted would help with this.	3/28/2020 2:36 PM

Q26 What was the main reason for not using Webex?

Answered: 1   Skipped: 272
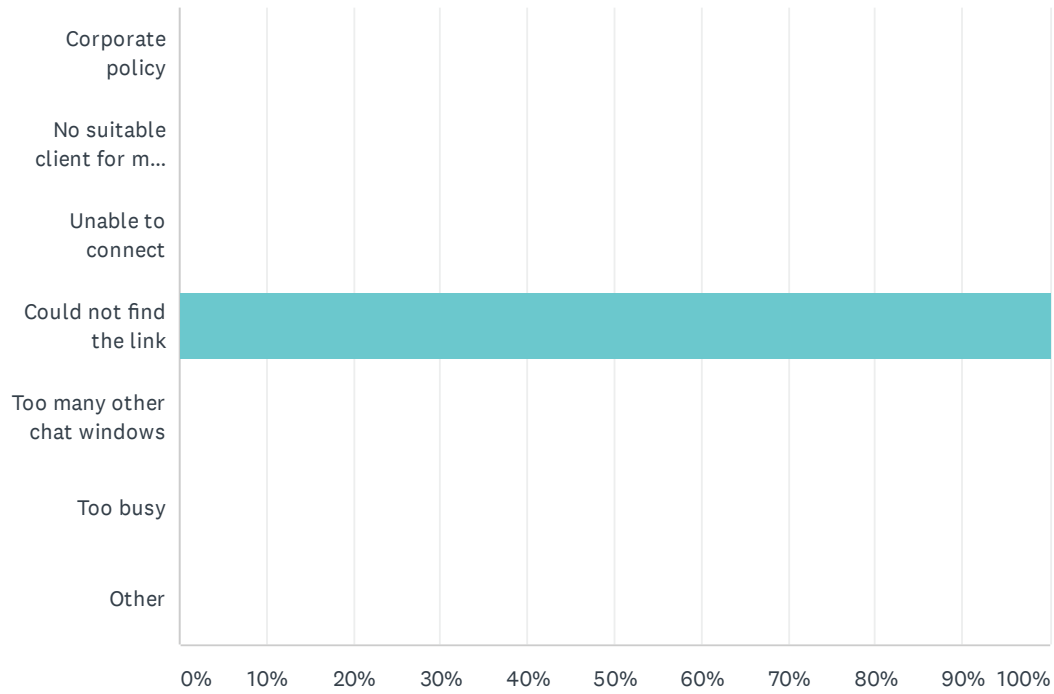
ANSWER CHOICES	RESPONSES	
Corporate policy	0.00%	0
No suitable client for my setup	0.00%	0
Unable to connect	0.00%	0
Could not find the link	100.00%	1
Too many other chat windows	0.00%	0
Too busy	0.00%	0
Other	0.00%	0
TOTAL		1

Q27 Please provide any relevant details

Answered: 0   Skipped: 273

#	RESPONSES	DATE
	There are no responses.	

Q28 How satisfied were you with the overall Etherpad experience?

Answered: 186   Skipped: 87
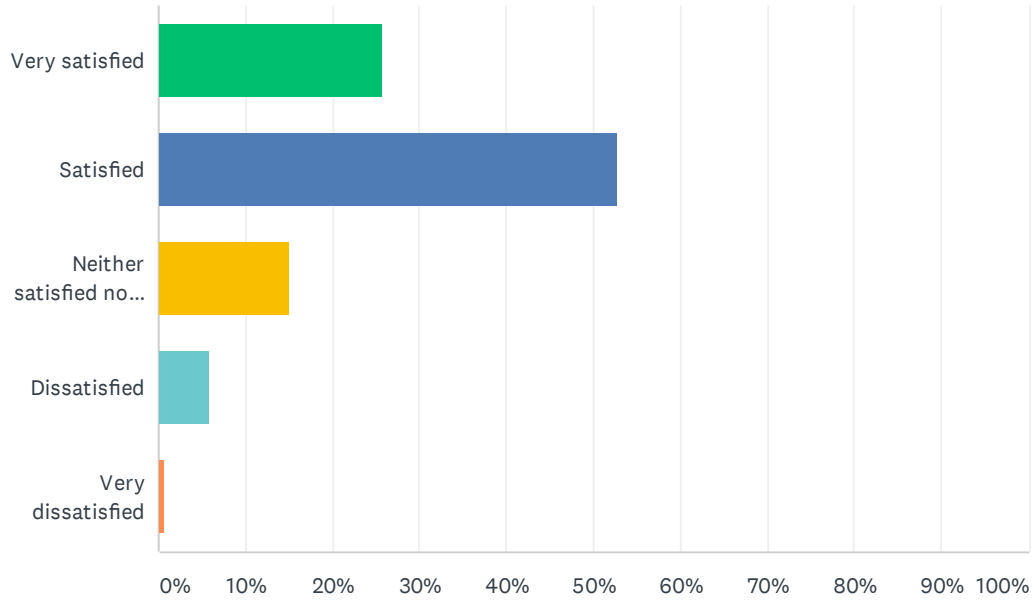
ANSWER CHOICES	RESPONSES	
Very satisfied	25.81%	48
Satisfied	52.69%	98
Neither satisfied nor dissatisfied	15.05%	28
Dissatisfied	5.91%	11
Very dissatisfied	0.54%	1
TOTAL		186

Q29 How satisfied were you with the use of Etherpad for virtual bluesheets?

Answered: 184   Skipped: 89
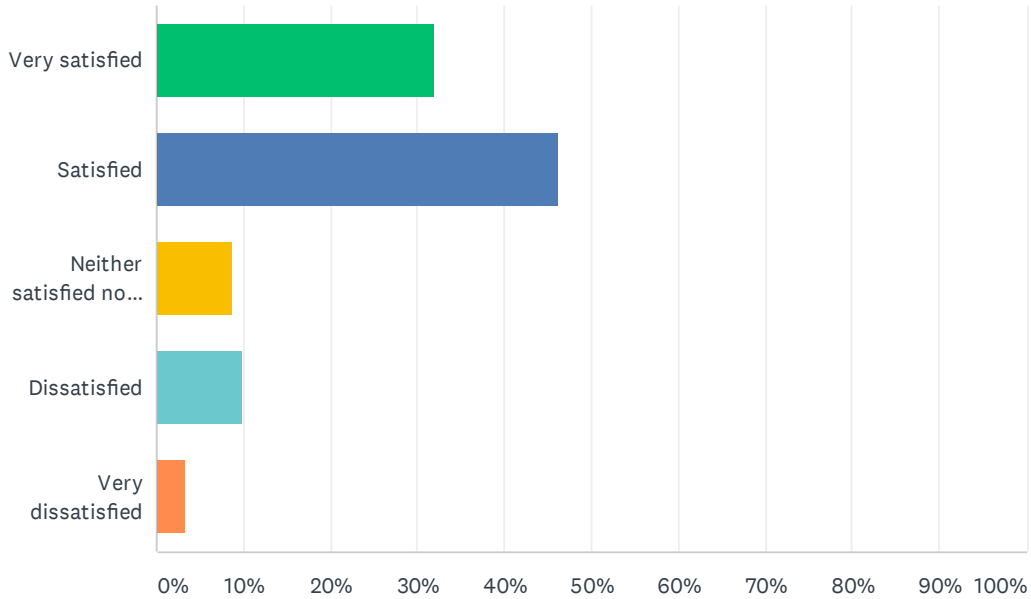
ANSWER CHOICES	RESPONSES	
Very satisfied	32.07%	59
Satisfied	46.20%	85
Neither satisfied nor dissatisfied	8.70%	16
Dissatisfied	9.78%	18
Very dissatisfied	3.26%	6
TOTAL		184

Q30 How can we improve the overall Etherpad experience?

Answered: 69   Skipped: 204

IETF 107 Virtual Meeting Survey

#	RESPONSES	DATE
1	I find it a bit messy in general, but this may be a feature.	4/1/2020 12:31 PM
2	At times, people were asked to close the Etherpad because too many people had it open. Reading in Etherpad was a convenient way to get a summary of what was said as it was happening.	4/1/2020 11:31 AM
3	I'm not convinced that it is the correct tool for 70+ simultaneous participants. For minute taking, it's ok, for bluesheets a disaster.	3/31/2020 8:31 PM
4	Etherpad for virtual bluesheets seems inappropriate. At RAW, there was an (accidental) deletion of quite a few names in the bluesheet area. Once you put your name on a bluesheet, nobody, including yourself, should be able to remove it. Just saying...	3/31/2020 7:36 PM
5	It was not available in some sessions.	3/31/2020 4:07 PM
6	why keep reconnecting?	3/31/2020 3:03 PM
7	Had scaling problems, otherwise fine	3/31/2020 2:16 PM
8	The biggest problem I had with etherpad was people accidentally deleting stuff, followed by disconnections because the server was overloaded. Making it handle 200+ people reliably would be great. Not sure how to do that though!	3/31/2020 1:57 PM
9	Bluesheet was accidentally cleared by one of many concurrent editors. Readily accessible history would help.	3/31/2020 1:45 PM
10	Just not a good way to simultaneously keep track of the meeting and developing minutes and use as an attendance sheet at the same time. In addition, some of the Etherpad minute-takers were, well, a little too relaxed about it, resulting in some meeting-tracking information in Jabber, some in Etherpad, some in both, and some in neither. I don't know why Meetecho was abandoned (without any transparency to the community about that) after we had spent years working with them to get the features the IETF needed --including signing in on virtual bluesheets-- but I hope that use of Webex (instead) for any future virtual meetings is not a given. Meetecho has its issues too, but they are mostly issues with which the community is very familiar and knows how to work around.	3/31/2020 1:36 PM
11	It seemed to work well enough, even with many people accessing it at once.	3/31/2020 1:15 PM
12	Bluesheets were sometimes hard to find.	3/31/2020 6:19 AM
13	I would have a dedicated etherpad for the bluesheet and another one for the minutes	3/31/2020 5:45 AM
14	webex ought to track this automatically.	3/31/2020 4:16 AM
15	Maybe etherpad need a freshen up. Are any (minor) funds available?	3/31/2020 3:54 AM
16	It wasn't immediately clear to me what the purpose was of Etherpad and the virual bluesheets, but I eventually worked it out.	3/31/2020 3:41 AM
17	The Webex log of participants should be the bluesheets. Corrections for callers in can be made after their published.	3/31/2020 2:39 AM
18	Prepopulate etherpad with instructions/examples. Monkey-see-monkey-do is more powerful than explanations especially as not everyone comes in at the same time.	3/31/2020 2:13 AM
19	As we saw in the raw session, Etherpad is just the wrong platform for the blue sheet (a bunch of names were lost due to mistyping by a participant). Assuming we move back to Meetecho, that is tied into your IETF registration number, so just have Meetecho record who was logged in to a particular session, and you have an automatic blue sheet.	3/31/2020 2:02 AM
20	Create two Etherpads per session. One for bluesheet functionality and the other for minutes.	3/31/2020 12:38 AM
21	It seemed fine.	3/31/2020 12:35 AM
22	There were a lot of names deleted from the raw bluesheet. A lot of people did not sign. There was no peer pressure to sign as there is in a F2F meeting.	3/31/2020 12:15 AM
23	Run it on port 443.	3/30/2020 11:44 PM
24	Works great, nothing to add. The only minor issue I found was that the text was something hard	3/30/2020 11:43 PM

to read due to a dark background, but that could be solved by poking people over Jabber.

25	It would help if Etherpad were pre-seeded with some blankspace so that the flood of people entering their names in the virtual bluesheet didn't make it so hard to claim a line for your name without cutting someone else's name in half.	3/30/2020 9:49 PM
26	We had some inexperienced folks on Etherpad and someone inadvertently deleted some names from the bluesheets! Otherwise, it is always useful to have a shared note-taking capability.	3/30/2020 9:33 PM
27	Use another tool for bluesheets. Fix the issue which blocks people from joining an etherpad when there are many people on it.	3/30/2020 9:06 PM
28	Do not use it for blue sheets, use the webex log.	3/30/2020 8:18 PM
29	Make sure etherpad scales - I left the etherpad after signing the blue sheets to prevent overload we had the last years	3/30/2020 7:46 PM
30	Maybe separate "sign in" and minutes. Signing-in could be automated from the login on webex.	3/30/2020 5:24 PM
31	This system doesn't scale well at all. There were numerous reports of people being unable to connect (I had a few cases where the page became unresponsive.) For blue sheets, which is the primary reason people connect, this could be done with a simple web form. If that were attached to the webex signin process, then there would be no easy path to joining without also collecting attendance. And no accidental removal of people from a shared edit buffer, as I heard happened.	3/30/2020 4:24 PM
32	worked great	3/30/2020 2:56 PM
33	Etherpad was not the problem	3/30/2020 2:47 PM
34	the bluesheets ideally should be a separate document where nothing else is written	3/30/2020 1:46 PM
35	Etherpad should be for note taking, not for bluesheets. Bluesheets should just be the list of people who logged into Webex	3/30/2020 1:32 PM
36	Maybe a separate etherpad for blue sheets	3/30/2020 1:25 PM
37	Apparently Etherpad gets overloaded when everyone's connected at once? Seems like it needs better scaling.	3/30/2020 12:41 PM
38	Don't use it for blue sheets.	3/30/2020 12:24 PM
39	At least some of the participants were saying that they were not able to connect, or stay connected, during the most active sessions. I only had that problem once or twice, but the answer was "please fill out the blue sheet and then disconnect so others can do that, too".	3/30/2020 12:07 PM
40	Not sure you can. Etherpad is an excellent tool for that purpose.	3/30/2020 12:00 PM
41	Again, three totally independent technologies used for the same meeting.	3/30/2020 11:52 AM
42	don't use Etherpad? Automate attendance taking, provide some way to link content with chat logs	3/30/2020 11:38 AM
43	It's beyond me why we need to use it for "blue sheets" at all when we can just have WebEx (or whatever software we're using) do it for us. This doesn't seem like a meatspace artifact that needs to be replicated.	3/30/2020 11:37 AM
44	I attempted to add to the minutes of one session, but Etherpad kept disconnecting me.	3/30/2020 11:34 AM
45	require people (by technical means) to use it. Worried about IP implications.	3/30/2020 11:34 AM
46	Don't use it for the blue sheets	3/30/2020 11:31 AM
47	Well, there was a glitch probably caused by user error. Maybe get the system to write to file more often.	3/30/2020 11:28 AM
48	Move out the bluesheet function. That is really something that Webex needs to do for us. Etherpad should be notes only.	3/30/2020 11:26 AM
49	Etherpad performs poorly when more than 50 people connect. This limitation needs to be taken care of, or there will be problems with fairly normal-sized working groups.	3/30/2020 11:25 AM

50	Make 2 different ones, one for minutes one for bluesheet.	3/30/2020 11:25 AM
51	Not sure this scales for Bluesheets. Maybe some automated model for reporting Webex participants might be better.	3/30/2020 11:24 AM
52	I didn't find the etherpad for the plenary. It was not listed with the Webex and jabber details.	3/30/2020 11:22 AM
53	Use of etherpad for virtual bluesheets was sub-optimal: it was too easy to step on someone else entering their name.	3/30/2020 9:22 AM
54	Again, using the Etherpad to manage the bluesheets seems like a hack. The 'bluesheets' should be created automatically as people enter the Webex session	3/30/2020 6:31 AM
55	we need to run it on port 443, using another IP/virtual machine, so that there are no port 9009 firewall issues, and that there are no apache proxy load issues.	3/30/2020 5:31 AM
56	move it webex	3/30/2020 4:34 AM
57	It worked okay for the blue sheets, but kept disconnecting, so I gave up after a while	3/29/2020 2:40 AM
58	* Use a different system for minutes and for blue sheets - or at least use a different etherpad document! * Better scaling of it - at in person meetings, maybe a dozen use it in a WG session. This time we had easily over 100 people.	3/29/2020 12:59 AM
59	While I haven't experienced Etherpad disconnecting people, I think looking at scalability of it would be a good thing. I believe Secretariat is looking at this.	3/29/2020 12:34 AM
60	Provide all the links also in the virtual meeting announcement mails for each day	3/28/2020 11:10 PM
61	Participants had to be reminded to use it for bluesheets, but eventually almost all registered.	3/28/2020 10:55 PM
62	You could have used a separate Etherpad instead of Jabber for discussions. The resulting notes would have been more coherently organized instead of being purely sequential.	3/28/2020 9:17 PM
63	There seemed to be fewer times that I needed to reconnect that normally is true. There was at least one meeting where people were asked to leave Etherpad so that others could get on in order to sign the bluesheets.	3/28/2020 3:19 PM
64	please switch to a modern proxy to fix the issue of scaling out etherpad. This problem has shown up in previous meetings. There is no excuse for it not to be fixed at this point. also all users on webex should just use that as the virtual blue sheet. (As users to state their name and affiliations and have a scribe copy them over.)	3/28/2020 3:15 PM
65	not as suitable tool; it can't take the load.	3/28/2020 2:52 PM
66	I am not sure, other than to possibly have a way to collect the jabber room text in some kind of log too.	3/28/2020 2:49 PM
67	For the "blue sheet" functionality it might be better to come up with a mechanism that is a bit more integrated with the workflow people have to use anyway. An idea: If the webex link were behind a short form with maybe just name, affiliation and email, that would ensure proper records are kept of the attendance. Would have to weight that against the additional hassle that causes.	3/28/2020 2:45 PM
68	I didn't use it much	3/28/2020 2:43 PM
69	It's fine for the narrow purpose of blue sheets.	3/28/2020 2:42 PM

Q31 What was the main reason for not using Etherpad?

Answered: 34   Skipped: 239
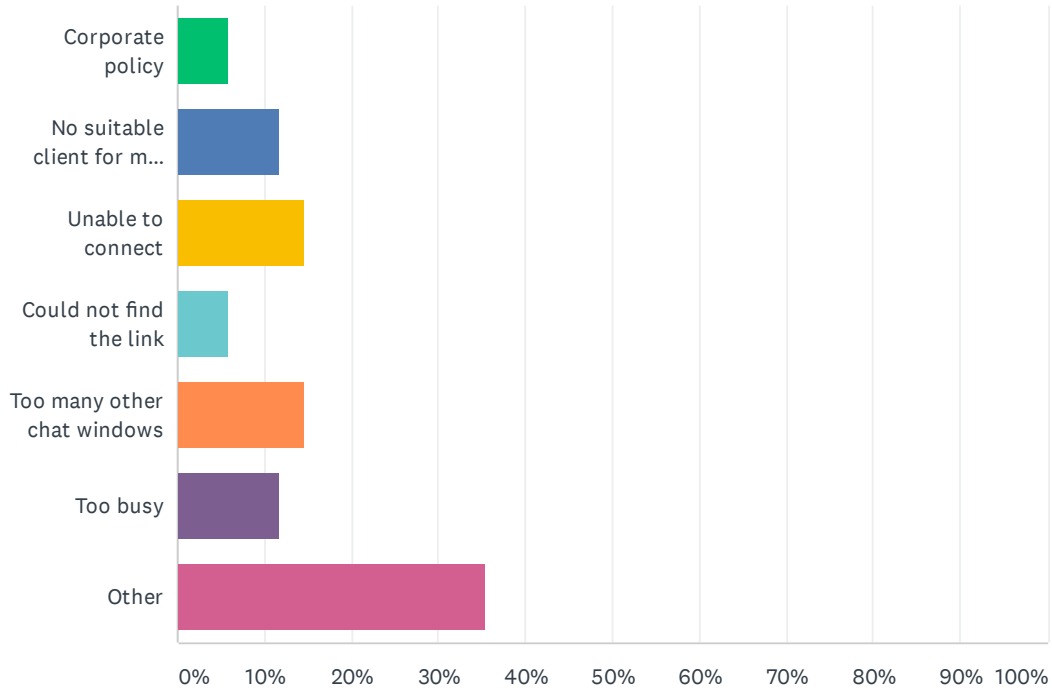
ANSWER CHOICES	RESPONSES	
Corporate policy	5.88%	2
No suitable client for my setup	11.76%	4
Unable to connect	14.71%	5
Could not find the link	5.88%	2
Too many other chat windows	14.71%	5
Too busy	11.76%	4
Other	35.29%	12
TOTAL		34

Q32 Please provide any relevant details

Answered: 9   Skipped: 264

#	RESPONSES	DATE
1	Didn't need to in this scenario. Normally it is essential for remote attendance.	4/1/2020 1:04 AM
2	No need: I opened it once to fill out the "blue sheet" and then didn't need to read the minutes during the meeting.	3/31/2020 6:35 AM
3	ports closed due to firewall setting	3/30/2020 11:52 PM
4	Why does that go over port 9009, such poor security to expect all ports to be open	3/30/2020 7:41 PM
5	I only attended the plenary. No need.	3/30/2020 12:30 PM
6	Used etherpad only to sign the virtual blue sheets. Thereafter, listening to the session was satisfactory.	3/30/2020 10:08 AM
7	Apparently the port was blocked by our corp firewall/VPN and I could not reach the site.	3/29/2020 3:05 AM
8	tried to learn Adium (for Mac); discovered I'd wasted that time.	3/28/2020 2:49 PM
9	I only used etherpad to sign the bluesheet - I didn't use it for anything else.	3/28/2020 2:36 PM

Q33 Did you join the jabber room associated with any of the virtual sessions in which you participated?

Answered: 146   Skipped: 127
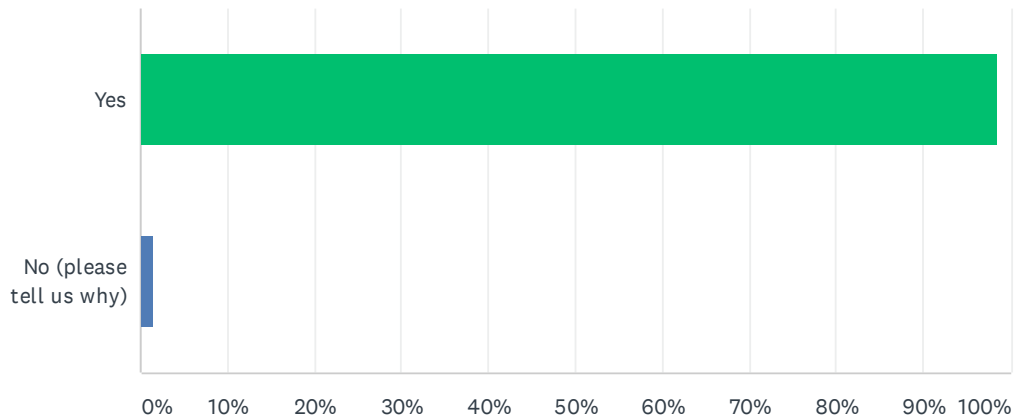
ANSWER CHOICES	RESPONSES	
Yes	98.63%	144
No (please tell us why)	1.37%	2
TOTAL		146

#	NO (PLEASE TELL US WHY)	DATE
1	Software	3/30/2020 11:24 AM
2	I got the hallway room set up but didn't realize there was a separate dispatch room until after the call.	3/28/2020 2:48 PM

Q34 Did you join the jabber hallway room?

Answered: 146   Skipped: 127
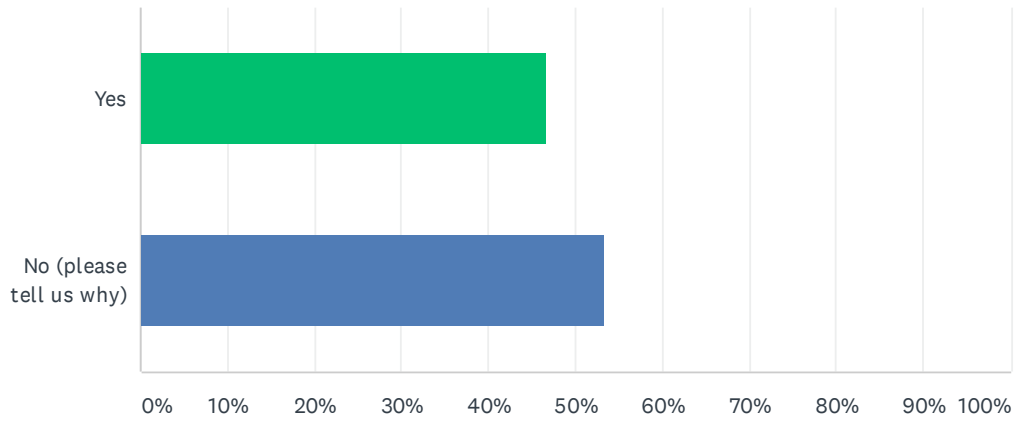
ANSWER CHOICES	RESPONSES	
Yes	46.58%	68
No (please tell us why)	53.42%	78
TOTAL		146

IETF 107 Virtual Meeting Survey

#	NO (PLEASE TELL US WHY)	DATE
1	I did for a moment but when I did, nothing was happening there.	4/1/2020 11:33 AM
2	Not much interest, and the scheduling wasn't ideal in my timezone.	4/1/2020 8:27 AM
3	didn't have time	4/1/2020 5:06 AM
4	what's the difference between the two if there is no subject matter moderation in the main jabber channel for a WG?	4/1/2020 4:31 AM
5	Too crowded	3/31/2020 9:19 PM
6	No need	3/31/2020 8:45 PM
7	attended plenary only due to timeline constraints	3/31/2020 7:09 PM
8	too busy to take in more input	3/31/2020 3:27 PM
9	N/A	3/31/2020 2:21 PM
10	didn't know about it	3/31/2020 1:57 PM
11	The sessions were enough and trying to track another jabber stream would have been difficult. Like many other IETF participants, I'm busy enough that, unless I'm physically at a meeting, I need to have things on a schedule for them to happen. Joining a room to see if anything of interest happens isn't consistent with that... better to spend IETF time doing technical work.	3/31/2020 1:40 PM
12	I didn't have time. It also seemed weird to just hang out in that room waiting.	3/31/2020 1:17 PM
13	Too busy	3/31/2020 12:55 PM
14	No direct need.	3/31/2020 12:53 PM
15	I dont know.	3/31/2020 7:55 AM
16	.	3/31/2020 6:57 AM
17	It didn't seem necessary	3/31/2020 6:40 AM
18	Didn't seem like it would be useful.	3/31/2020 6:16 AM
19	Didn't have anything to say or anyone I wanted to talk to	3/31/2020 5:27 AM
20	didn't want to	3/31/2020 4:49 AM
21	no signal all noise	3/31/2020 4:17 AM
22	I kept meaning to, and then a global pandemic and work got in the way.	3/31/2020 3:55 AM
23	I'm new to Jabber and just started using it	3/31/2020 3:12 AM
24	Too finicky to get working.	3/31/2020 3:11 AM
25	I didn't know it existed	3/31/2020 2:25 AM
26	Too many stimuli given the session jabber room, Webex audio, Webex video, Etherpad, and private jabber discussions.	3/31/2020 12:40 AM
27	No time - might have done had it been a different time of day.	3/31/2020 12:39 AM
28	No reason	3/31/2020 12:15 AM
29	It was about dinner time for me in Europe and I did not expect the discussions to be useful.	3/30/2020 11:47 PM
30	I didn't realize it was there.	3/30/2020 11:16 PM
31	Didn't really feel a need for it.	3/30/2020 9:26 PM
32	Never thought about it, despite knowing it exists.	3/30/2020 9:06 PM
33	I had no interest in the hallway room, and a lack of time as well	3/30/2020 8:24 PM
34	Too busy	3/30/2020 5:25 PM

35	I didn't see the point.	3/30/2020 4:27 PM
36	Skeptical of the usefulness of a "hallway" where you interact with everyone there, rather than those you choose to	3/30/2020 2:49 PM
37	Expected it to be 'noisy'	3/30/2020 2:20 PM
38	Timezone difference.	3/30/2020 1:35 PM
39	Forgot about it	3/30/2020 1:33 PM
40	Heard reports over mail if not many people hanging around	3/30/2020 1:26 PM
41	Didn't feel like it	3/30/2020 12:42 PM
42	I wasn't really at the meeting & was doing my regular job.	3/30/2020 12:31 PM
43	didnt have time	3/30/2020 12:27 PM
44	I've never found anything interesting there, since we started providing that, and the session jabber rooms were active enough that I wasn't motivated to go look this time.	3/30/2020 12:15 PM
45	Didn't get around to it. These days (unlike years ago), I only ever use jabber for IETF meetings, so it's not an app that is up and running on my desktop.	3/30/2020 12:11 PM
46	Didn't think to.	3/30/2020 11:53 AM
47	Wasn't aware of it	3/30/2020 11:52 AM
48	No reason why	3/30/2020 11:40 AM
49	Didn't see the point. A chat room is NOT at all the analogue of a meatspace hallway, for reasons that may be too obvious to list and that anyway I don't care to type out in this little box.	3/30/2020 11:40 AM
50	didn't really think of it	3/30/2020 11:35 AM
51	Not interested	3/30/2020 11:31 AM
52	Jabber was too hard to set up and I just didn't get around to it. Also, it doesn't lend itself to being present without watching: the jabber client I was using disconnects when it's in the background to save battery, and this was the only one I was able to get working at all.	3/30/2020 11:29 AM
53	No particular need	3/30/2020 11:28 AM
54	No time	3/30/2020 11:24 AM
55	was not interested	3/30/2020 11:23 AM
56	didn't plan to	3/30/2020 11:23 AM
57	What is this?	3/30/2020 11:20 AM
58	not that interested	3/30/2020 11:18 AM
59	well, I did briefly, but only because I was early for a session	3/30/2020 11:16 AM
60	Didn't seem like it'd be useful to me	3/30/2020 2:27 AM
61	I joined it only for testing purposes.	3/29/2020 9:02 AM
62	shrug, just didn't.	3/29/2020 8:04 AM
63	Not sure what use it would have been	3/29/2020 3:11 AM
64	No particular reason!	3/29/2020 1:02 AM
65	I was too busy with the day job or other duties	3/29/2020 12:35 AM
66	Wasn't interested.	3/28/2020 10:57 PM
67	unlear benefit	3/28/2020 8:10 PM
68	saw no usage for it	3/28/2020 6:20 PM
69	Not needed	3/28/2020 4:43 PM

70	I scheduled time for the WG sessions and didn't do anything outside of them this week.	3/28/2020 4:38 PM
71	Didn't have time	3/28/2020 3:30 PM
72	I did not ever have a reason to do so.	3/28/2020 3:21 PM
73	Didn't need it.	3/28/2020 3:06 PM
74	I was not really aware of these rooms. It was the first time I connected to jabber, and session jabber rooms looks like hallways sometime.	3/28/2020 3:06 PM
75	Too busy.	3/28/2020 3:02 PM
76	Too busy	3/28/2020 2:44 PM
77	The what	3/28/2020 2:43 PM
78	Didn't feel the need.	3/28/2020 2:42 PM

# Q35 Tell us about your usage of a jabber client prior to participating in IETF 107?

Answered: 146   Skipped: 127
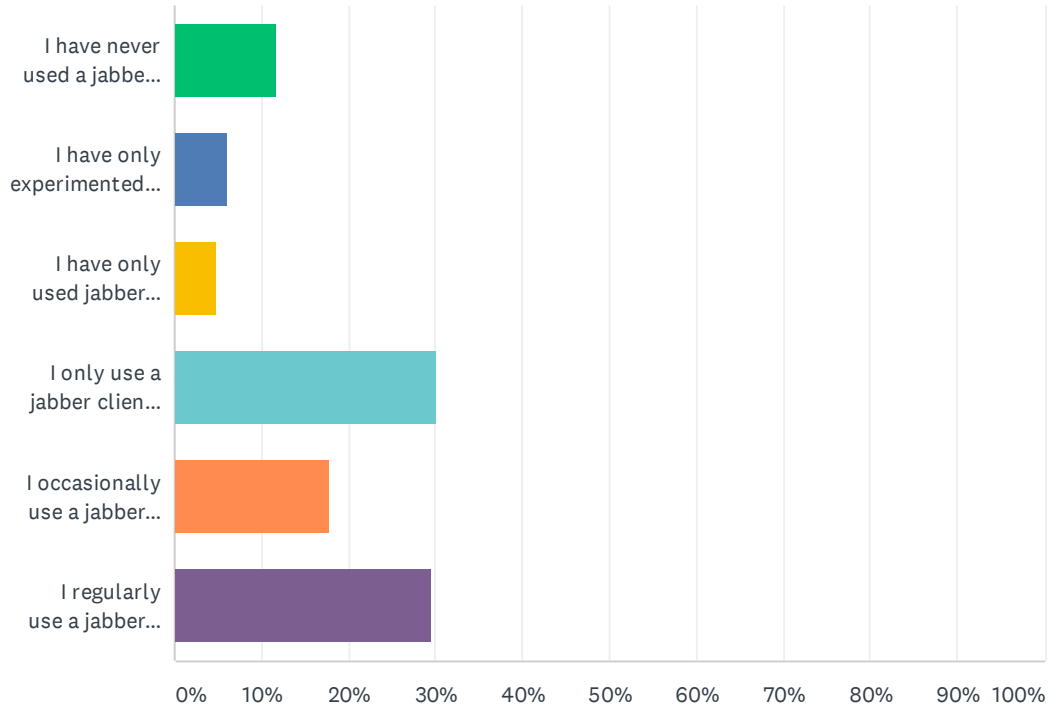
ANSWER CHOICES	RESPONSES	
I have never used a jabber client before IETF 107	11.64%	17
I have only experimented with a jabber client before IETF 107	6.16%	9
I have only used jabber before IETF 107 as part of Meetecho	4.79%	7
I only use a jabber client for IETF meetings	30.14%	44
I occasionally use a jabber client	17.81%	26
I regularly use a jabber client	29.45%	43
TOTAL		146

Q36 How satisfied were you with the overall jabber experience?

Answered: 146   Skipped: 127
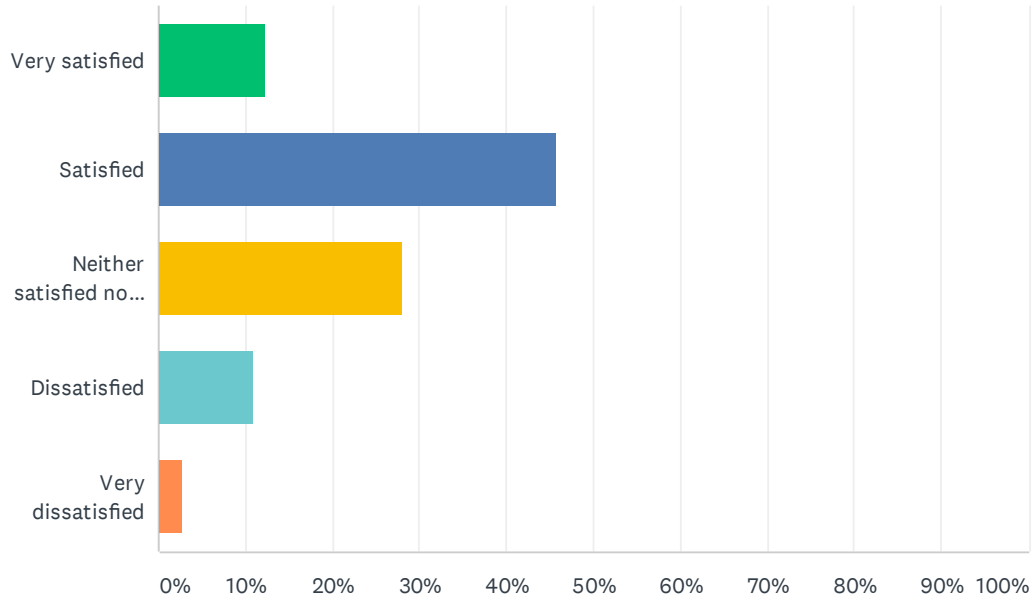
ANSWER CHOICES	RESPONSES	
Very satisfied	12.33%	18
Satisfied	45.89%	67
Neither satisfied nor dissatisfied	28.08%	41
Dissatisfied	10.96%	16
Very dissatisfied	2.74%	4
TOTAL		146

Q37 How can we improve the overall jabber experience?

Answered: 72   Skipped: 201

IETF 107 Virtual Meeting Survey

#	RESPONSES	DATE
1	It was fine, though the peanut gallery comments during the sessions were annoying.	4/1/2020 11:33 AM
2	Jabber is Jabber.	4/1/2020 1:27 AM
3	Migrate off Jabber, or lead investment in infrastructure (run a semi open IETF server according to current security best practices, invest in projects to stave off open source client bitrot, etc)	3/31/2020 7:09 PM
4	There were some periods were messages were significantly delayed, and I had to fail over to a different jabber server because my connection to jabber.org was not staying up reliably.	3/31/2020 3:27 PM
5	Too hard to track the serious traffic from the snark	3/31/2020 2:17 PM
6	I think the only thing that would really help is an online jabber client that easily allowed people to join from a weblink if they don't have a client installed.	3/31/2020 1:58 PM
7	The simultaneous Jabber/Webex causes much content to be missed, it is hard to follow both; I don't know how to fix this.	3/31/2020 1:47 PM
8	Again, functional overload. Having the same "room" used to track the meeting, pose and discuss questions, and run a commentary of the "bad attitude" variety is hard. At the same time, as some people have commented on-list, the jabber sessions were sometimes more useful than the formal meeting.	3/31/2020 1:40 PM
9	I found it very useful given the lack of in-person chats.	3/31/2020 1:17 PM
10	Host a Jabber account service so we don't have to figure out one to use.	3/31/2020 1:00 PM
11	Remove it. It would be nice to condense the set of "things" needed to connect/setup in order to participate fully.	3/31/2020 12:53 PM
12	We may need to set up an IETF jabber service. There is no longer reliable connectivity between Jabber domains. Lots of people had latency issues or had messages silently dropped. Also, a lot of side discussions went on in Jabber, many of which would have been beneficial to bring to the "mike".	3/31/2020 12:44 PM
13	I don't know that the IETF can really improve the overall jabber experience. The larger issue is the lack of strong independent *clients* that provide many of the features we have come to expect in messaging systems (in an age of Slack).	3/31/2020 8:48 AM
14	Make it easier to join the text chat system, instead of making everyone independently figure out how to create an account and find a native client for their system. The right text chat system might not be Jabber. Sub-threads for different topics would help keep the channel understandable. Make it easy to flag particular Jabber comments or subthreads as worth coming back to after the meeting.	3/31/2020 6:40 AM
15	This meeting had a much heavier use of jabber compared to other meetings. It doesn't scale very well for 100 people in a single Jabber room. The messages run too quickly to follow while following the audio conversation as well.	3/31/2020 6:16 AM
16	Use something else haha. Slack would be way better, for multiple reasons (threading, easier onboarding, emoji reactions). Using Jabber is like being magically transported to the 1990s.	3/31/2020 5:27 AM
17	slack, twitter, integrated chat in zoom etc..	3/31/2020 4:17 AM
18	Consider either fixing it, or using Slack or Mattermost.	3/31/2020 3:55 AM
19	Better integration and a bespoke Jabber server for IETF users that is known to work, have always had issues with free services sometimes not working and messages getting dropped.	3/31/2020 3:11 AM
20	Apart from the system itself, it is hard to follow the side discussion in jabber and the speaker+slides at the same time. It is even harder if English is not your native language, though the IETF does not seem to care about non-native speakers.	3/31/2020 3:04 AM
21	Again, Meetecho is better because jabber is integrated rather than a separate application.	3/31/2020 2:03 AM
22	I'm not a fan of jabber and find all the clients to be clunky. And sometimes I get randomly dropped. And I need to maintain this account that I use just 3 times a year.	3/31/2020 1:37 AM
23	It isn't the greatest tool and isn't something that I would ever use outside of IETF, perhaps	3/31/2020 12:39 AM

consider a more mainstream option? More importantly, it is hard to follow the jabber chat and actual presentation simultaneously, especially when some of the more insightful discussions are happening on jabber. There needs to be a way to regularly bring these into the actual meeting session, perhaps by tasking one or two people to act as a bridge between the two (ie not just when someone signals that they way to take a question from jabber to the mike via the jabber scribe).

24	Suggest a web client to reduce friction. At some point https://jabber.jp was unable to connect to jabber.ietf.org, not sure if due to client or server issues.	3/30/2020 11:47 PM
25	Use IETF user accounts, or switch to a different messaging system with wide client support.	3/30/2020 11:45 PM
26	It should be easier to use? or maybe more integrated into the audio/video part of the session.	3/30/2020 11:16 PM
27	Jabber client cannot load on to our corporate laptops, there is no web interface tool for Jabber, I could only participate by viewing the conversations on a phone. note - Some of the conversations were a bit too 'locker room' to be appreciated by me, I wonder how others may have felt?	3/30/2020 7:13 PM
28	Webex and Etherpad work, but there were issues between the Jabber client (Gajim) and the server that I use. Took me a good 15 minutes to solve these issues before participating to the plenary. High level comment is that the Jabber infrastructure is much less reliable than modern chat services like Slack or Whats'ap	3/30/2020 5:25 PM
29	Jabber is dead. It is basically impossible to find a decent jabber host and all of the clients are terrible. Find something that isn't effectively abandonware. Mozilla chose Matrix, which has a bunch of clients, hosted service options, and moderation tools. In essence, all the features we need, but none of the decay of jabber.	3/30/2020 4:27 PM
30	Provide a jabber ID server so we don't have to get them from random hosts around the world	3/30/2020 3:37 PM
31	Jabber was not the problem	3/30/2020 2:49 PM
32	Jabber is fine IMHO. It was hard to find a usable client and a service to register to.	3/30/2020 1:35 PM
33	It always a seems a bit clunky to use Jabber. I have to sign up with a sketchy provider and install a sketchy client.	3/30/2020 1:33 PM
34	Offer jabber accounts from IETF.	3/30/2020 1:26 PM
35	Links to the Jabber logs on the website could be better advertised, and I think their HTTP caching may be wrong (I found that reloading them during an active conference didn't present the new content).	3/30/2020 12:42 PM
36	Setting up a jabber user account was difficult. the first provider didnt work, had to do a second one. I would suggest IETF running a jabber identity provider for simplicity	3/30/2020 12:27 PM
37	I don't think we've really relied on sidebar conversations in jabber during face to face meetings, because people could tap other people on the shoulder or follow them into the hall, but we need to think about that for virtual IETF meetings. Having one room for a BOF turned out to be pretty overwhelming.	3/30/2020 12:15 PM
38	Pick another technology...	3/30/2020 12:11 PM
39	As I am sure others will state, for some reason there was quite a bit of latency in typing a jabber comment and it appearing. Not sure if the jabber server was just loaded down, perhaps a beefier machine (or cloud). Other than that, it was the right tool for the job. I am _not_ a fan of Slack, it is overkill for the task, and I like the IETF having full control of content. And Slack is IPv4-only (it is, after all, 2020)	3/30/2020 12:04 PM
40	The Jabber infrastructure seemed a bit overwhelmed, there was notable latency. It's also kind of a blunt instrument for this kind of meeting due to the broadcast nature, some comments are in the nature of quips, the kind of thing you'd whisper to your seat mate in a meatspace meeting. Others are more like mic comments. Jabber may not be the right vehicle.	3/30/2020 11:40 AM
41	I use trillian (multiprotocol chat client)	3/30/2020 11:40 AM
42	Jabber was way more active in these virtual meetings than it ever is in face-to-face meetings. It was also much more active than in virtual interims. When we're using jabber this intensively, we	3/30/2020 11:33 AM

|	probably need to re-purpose the jabber scribe as more of a jabber policer. Or we might want two rooms for each meeting: one for random back-chat, and one for WG work.	
43	Try to tamp down the chatter in the rooms during presentations. It felt like people didn't care what the speaker was saying.	3/30/2020 11:31 AM
44	I don't think you can for a reasonable price, but if you were to do so, you'd have to provide easy-to-use jabber clients on all likely platforms, and also either a jabber server, or else make the clients act as jabber servers, since we only need the server-to-server capability to work. Providing a jabber server would improve things a bit, particularly if you gave step-by-step directions for connecting to meeting rooms using each jabber client you recommend, but given that the recommended jabber client for my platform (iPad) was not fit for purpose (no notifications), I don't think this would have helped. Much as I am not a fan of Slack, I think it's a better choice than Jabber for IETF meetings. It's been suggested that meetecho would work, but the UX for meetecho is not nearly as good as for slack, despite the complaints I have about slack.	3/30/2020 11:29 AM
45	The occasional hickup (20 seconds until a message arrived) was surprising; I have been using jabber a lot and haven't seen more than a second of delay. There is a lot of misinformation out there about clients, that has led people to making unreasonable choices. In the end, the chat needs to be part of the conferencing tool, I'm looking forward to being able to switch back to meetecho.	3/30/2020 11:28 AM
46	Don't use Jabber	3/30/2020 11:20 AM
47	Not really sure, but the Jabber discussions were so active this time that it was difficult to follow both Jabber and Webex on a laptop with limited screen real estate	3/30/2020 11:18 AM
48	recognise that evolution has not chosen XMPP?	3/30/2020 11:16 AM
49	Not sure. There is a lot of lively side-channel discussion in the jabber room for a session, but sometimes it was hard to choose which one to focus on.	3/30/2020 10:09 AM
50	I think that that we should move the mic queue to jabber (using Mark Nottingham's bot, or another tool, or meetecho). I think that we should have an IETF jabber login using the DT login.	3/30/2020 5:34 AM
51	It was often hard to get the jabber room to load	3/29/2020 11:35 AM
52	Jabber is used more actively during IETF107, people used it for discussion. This is a good thing, but on the other hand, active participating in lively jabber discussions makes it difficult to follow webex discussions, at least for non-native speakers.	3/29/2020 9:02 AM
53	need a better mac client. that's on me, admittedly, not on you.	3/29/2020 8:04 AM
54	It would be good to get some way to have this chat on the same system as the video etc so it is not a question of swapping screens all the time - therefore meaning forgetting the jabber when concentrating on the presentation	3/29/2020 3:11 AM
55	Sadly I think we need to switch to something else - it's getting too hard to find robust clients and services supporting jabber.	3/29/2020 2:41 AM
56	Please consider hosting a web client, even if it's restricted (can only join rooms on ietf.org for example). I spent a _lot_ of time trying to get a working MacOS Jabber client going. Participation in the IETF should not depend on having particular software locally, save for a web browser.	3/29/2020 1:02 AM
57	People should use real names - threads would make it easier to follow - as newcomer I felt (maybe intentionally) excluded	3/29/2020 12:20 AM
58	Jabber is showing its age.	3/28/2020 10:57 PM
59	Maybe some conventions to indicate importance of a comment in the jabber room, e.g. distinguish a simple comment from a contribution or question or mic request to the ongoing session, e.g. something like: MIC: for Mic relay request QN: Question to the jabber room AN [nickname]: Answer to a Question above identified by nickname of asking party CON: Contribution / Enhancement related to the current presentation/topic/... SN: Name of current speaker etc.	3/28/2020 8:10 PM
60	Jabber doesn't have good clients, and lags behind other platforms for chat support	3/28/2020 4:43 PM

61	Having too many things to look at is a problem. I should try and get some cleanup on events logged in my window to make it easier to follow, but that is my problem.	3/28/2020 3:21 PM
62	provide a jabber server for attendees instead of relying on third parties. or switch to something easier to use with better support.	3/28/2020 3:14 PM
63	We need some way to manage threads. During both sessions in which I participated, the jabber was very hard to follow. Too many different intersecting conversations. Often interesting and useful. But difficult.	3/28/2020 3:11 PM
64	I find it distracting to read jabber, listen to the speaker, and read the slides simultaneously. While jabber is preferable to side conversations in the room at a face-to-face meeting, I don't think it added all that much for me personally at this meeting.	3/28/2020 3:02 PM
65	Reliability of rooms was suffering this time, struggled to join	3/28/2020 2:59 PM
66	I don't think jabber has the ability to do threaded conversations. That would be a cool feature. The jabber chats were rather busy.	3/28/2020 2:57 PM
67	Archiving the jabber room conversations would be good.	3/28/2020 2:50 PM
68	jabber is far from perfect as designed; we can't fix that. But if (say) an IETF tracker login provided a jabber ID too, that would be nice. Might be expensive to run, though.	3/28/2020 2:50 PM
69	I think moving to another more modern chat service is worth at least considering. Being able to access this stuff via a web page would be useful.	3/28/2020 2:48 PM
70	Provide a web client and make it clickable. Jabber transcripts should be emailed to the WG mailing list.	3/28/2020 2:44 PM
71	Consider self-hosting a web interface.	3/28/2020 2:43 PM
72	See previous comments. Jabber is a usability nightmare.	3/28/2020 2:42 PM

Q38 What was the main reason for not using jabber?

Answered: 74   Skipped: 199
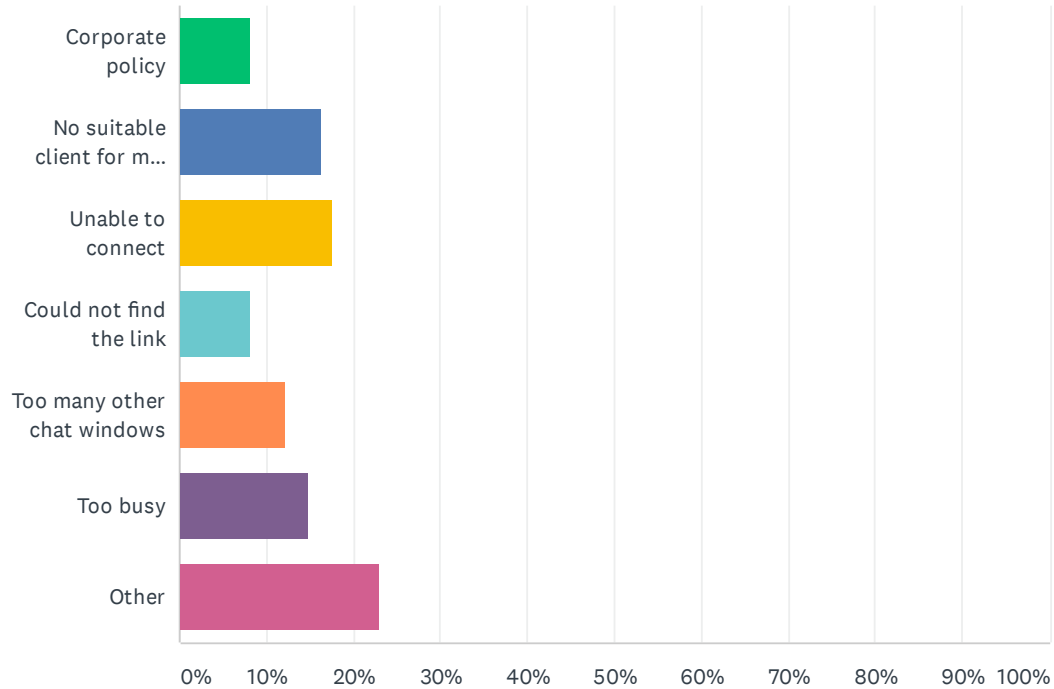
ANSWER CHOICES	RESPONSES	
Corporate policy	8.11%	6
No suitable client for my setup	16.22%	12
Unable to connect	17.57%	13
Could not find the link	8.11%	6
Too many other chat windows	12.16%	9
Too busy	14.86%	11
Other	22.97%	17
TOTAL		74

Q39 Please provide any relevant details

Answered: 31   Skipped: 242

IETF 107 Virtual Meeting Survey

#	RESPONSES	DATE
1	Too hard to follow jabber, the documents being discussed and a remote speaker	3/31/2020 8:34 PM
2	Not used to using Jabber. In the physical meeting, I rely on the Jabber scribe to relay important Jabber content into the meeting room via the mike. I understand that, if IETF meetings are going more virtual, I will have to adapt.	3/31/2020 7:38 PM
3	Jabber was super noisy	3/31/2020 2:02 PM
4	didn't find the guide eto set it up, but even if I had, too many windows for a person on a laptop	3/31/2020 12:30 PM
5	It has been very difficult to install Jabber on my corporate computer, not sure if it is the VPN issue. With so many different (and unknown sites) to download Jabber client, I am very afraid of down loading the wrong software that creates more threats on my computer. with Etherpad so convenient, IETF should drop Jabber.	3/31/2020 11:39 AM
6	I recall there being a Web jabber gateway for old Meetecho sessions, but I don't know of any other web gateway.	3/31/2020 6:20 AM
7	unable to login and unable to reset password.	3/31/2020 4:34 AM
8	I clicked on the Jabber link for DRIP in the agenda, and received a message that it wanted to open PIDGIN. I clicked OK but nothing happened. I tried looking for other options to open Jabber but in each case nothing happened.	3/31/2020 3:44 AM
9	Basically all of the above! I really struggle to accept that the IETF community is so rigid that it cannot adapt itself to a more reasonable mechanism for informal chat during an entirely virtual meeting. To the disadvantage of actual participation!	3/31/2020 2:41 AM
10	It was very confusing having WebEx, Jabber, and Etherpad together but in separate tools.	3/31/2020 2:14 AM
11	Creating independent jabber accounts in unknown organisations is a pain. if ietf is going to use jabber, it SHOULD create jabber accounts for all ietf participants and run a server. It should also make a more comprehensive guide of clients and recommend some.	3/30/2020 10:13 PM
12	I didn't have a client already installed. I will rectify this before the next meeting.	3/30/2020 9:50 PM
13	Tool overload. There were just so many new tools and features and checklists to do that I appealed to my co-chair to manage the jabber room, since he had more experience using it in the past.	3/30/2020 9:34 PM
14	See above—I hadn't realized that Jabber was still in use, although in hindsight that was obvious.	3/30/2020 9:32 PM
15	too many windows, I was already capturing minutes in etherpad	3/30/2020 8:19 PM
16	I don't find IETF groupthink interesting or helpful, especially when it exemplifies the poor culture	3/30/2020 7:41 PM
17	Too much setup to do. Too many different tools for the same meeting clutters things and distracts from the meeting.	3/30/2020 7:21 PM
18	Probably because it was my first time using jabber. Just couldn't get it to connect. Tried 3 different clients.	3/30/2020 2:57 PM
19	distract from main thread	3/30/2020 2:09 PM
20	I usually follow the jabber chat via Meetecho and did not want to go through the hassle to create a jabber account and set it up on my system (as I would never use it for anything else and can also check the log later).	3/30/2020 12:01 PM
21	I could not find a Windows client that I liked and could rely on.	3/30/2020 12:00 PM
22	too much going on, plus aversion against 1990 gen tools except those that simply work (email)	3/30/2020 11:35 AM
23	Who is still using Jabber in 2020?	3/30/2020 12:32 AM
24	This time the jabber logs were NOT updated in a timely way. And it's hard to pay attention to things in two separate screens.	3/29/2020 1:35 PM
25	Jabber is not included in the standard corp OS load - my bad for not asking for it ahead of time.	3/29/2020 3:05 AM

26	Could not see discussion using the Jabber client I had.	3/29/2020 2:34 AM
27	I did connect with the Hallway in Jabber, but could not connect to the sessions in Jabber.	3/28/2020 9:18 PM
28	N/a	3/28/2020 5:11 PM
29	I could not understand how to set up to access ietf.org. It seems that almost all the recommended client at the IETF page are out-of-maintenance, so I think it's dangerous to use these.	3/28/2020 3:01 PM
30	was trying to participate from a single computer. (yes, I _do_ know better.)	3/28/2020 2:50 PM
31	Too hard to set up	3/28/2020 2:37 PM

Q40 Anything else you would like to say?

Answered: 96   Skipped: 177

IETF 107 Virtual Meeting Survey

#	RESPONSES	DATE
1	I was very disappointed at the limited number of sessions.	4/1/2020 5:31 AM
2	Would prefer a video client that did not require a download to participate.	4/1/2020 5:06 AM
3	we really love you LLC, IESG, IAB!	4/1/2020 4:32 AM
4	I thought that there could have been more WG meetings. There will be more interim meetings because the schedule was light. But overall, good job on such short notice!	4/1/2020 1:27 AM
5	We need WG sessions!	4/1/2020 1:04 AM
6	Thank you for hosting IETF 107 virtual in these weird times. :)	3/31/2020 9:20 PM
7	No face to face networking meant no connections made and meetings less valuable	3/31/2020 8:50 PM
8	I participated far less than I wanted to, as the timing (22:00-01:30) was difficult to reconcile with WFH, childcare, and the need to sleep in order to do WFH and childcare. Suspect many others are in my boat and that it may have been even harder from non-EU timezones. Future virtual planning — and I truly do wonder and somewhat doubt whether the IETF will ever meet as a large weeklong in person multi area meeting ever again — should note that schedule shifting is often much harder to achieve in a WFH situation, that getting on an airplane is an excellent excuse to drop your calendar. No solutions here, just asking to be mindful that models other than "do it all in one week" are possible/necessary in full virtual.	3/31/2020 7:17 PM
9	Thank you for the effort to make it possible to be virtual. It woluld not be easy to have all WG meetings in a virtual version.	3/31/2020 4:11 PM
10	thank you for your work! hope to have face to face meeting safely as soon as possible!	3/31/2020 3:04 PM
11	People keep saying this meeting was a success but it was basically a failure in that it canceled most the meetings most the work we would get done has yet to happen.	3/31/2020 2:18 PM
12	There was no practice in practice sessions Ietf took to long to cancel meeting Guidance for next meeting would be useful	3/31/2020 2:03 PM
13	Congratulations on making this work on such short notice. Well done.	3/31/2020 1:59 PM
14	I didn't plan to attend this IETF in person. Having participated remotely in other IETFs in the past, I have to say that being a remote participant this time was easier, because everybody was remote.	3/31/2020 1:58 PM
15	The decision to virtualize the meeting was correct, but I greatly missed the F2F contact, so even if this went well & must be repeated, I hope we resume at least annual F2F.	3/31/2020 1:48 PM
16	This survey is much better designed in terms of the questions asked and how they were asked than many of its predecessors.	3/31/2020 1:41 PM
17	Overall good experience	3/31/2020 1:23 PM
18	Thanks for virtualizing this entirely on such short notice. It's a shame so many sessions no longer made sense or were viable but it's nice to see what was possible.	3/31/2020 12:54 PM
19	In the future, please provide support for virtual side meetings. Thanks!	3/31/2020 12:46 PM
20	This went amazingly well given the circumstances.	3/31/2020 12:45 PM
21	why only ~3 meetings per day during ietf week, but up to 8 per day during April?!	3/31/2020 12:31 PM
22	drop Jabber, Use Etherpad	3/31/2020 11:39 AM
23	Thank you for all you did to make IETF 107 happen remotely. As noted earlier, my one big point would be that it would be great to figure out how to allow video, at least for presenters and chairs.	3/31/2020 8:49 AM
24	Y'all did a great job setting up a virtual meeting on short notice. I hope this increased support for remote attendance and participation continues even after the COVID-19 crisis ends.	3/31/2020 6:40 AM
25	Virtual meetings don't work very well. I don't think throwing more tools and more technology at it is going to solve this problem.	3/31/2020 6:17 AM

26	I was not able/willing to invest the necessary time to make the remote meeting experience work better. That falls on me. To be honest, the lack of a hackathon and the lack of face to face interaction killed my enthusiasm and willingness to prioritize the IETF as I do when I travel and participate in person. It was too easy and tempting for me to prioritize my other day job and personal priorities over the IETF sessions. Thanks for all the great preparations you made. I did not take full advantage of them.	3/31/2020 5:50 AM
27	we're all doing the best we can - I gave some objectively poor ratings but certainly recognize that this is to be expected given the circumstances. fight on!	3/31/2020 4:18 AM
28	Thanks so much for all the hard work of the staff, volunteers, and participants. IETF is vital to the health and well being of the global internet, and all of us, and	3/31/2020 3:58 AM
29	I think having a separate channel of discussion going on in Jabber while the Chair is hosting the meeting in Webex is hugely distracting. Personally I would abandon Jabber and focus on getting as much value out of the member participation using Webex and its chat and queue factlities. Have a chair focussed on managing the meeting content and flow, and a co-chair assist by managing the chat and queue.	3/31/2020 3:48 AM
30	The timezone was quite inconvenient for Europe/Africa/Middle East, with sessions (esp. the plenary) well into the night. I ended up with 16-hour working days. It's just fair that in virtual Madrid we get the sessions in our own daytime.	3/31/2020 3:05 AM
31	In the future please use /one/ technology. There are several, and Webex is one of the best. It does chat (instead of jabber), hand raising (instead of the weird webex hack with q+/-), and records participation (instead of bluesheets).	3/31/2020 2:42 AM
32	Great job responding to very unusual circumstances. If this happens again it would be good to have more formal schedules for the other working groups that are holding interim meetings.	3/31/2020 2:26 AM
33	It was a great first try, I think we'll improve a lot of the rough spots.	3/31/2020 2:14 AM
34	Meetecho! Meetecho! Meetecho!	3/31/2020 2:03 AM
35	I found it difficult to follow Jabber during the sessions. There was so much dialogue that it was difficult to pay attention to both Jabber and the WebEx discussion, though a lot of the Jabber discussion could be described as "background noise".	3/31/2020 1:06 AM
36	An excellent effort at short notice, hopefully with some lessons to take into IETF 108. Please make an early decision on this to allow time to refine the approach, an event in Madrid in July seems unlikely at present.	3/31/2020 12:41 AM
37	I appreciate the effort from all involved to move 107 to an all-virtual meeting so quickly and efficiently.	3/31/2020 12:40 AM
38	I think the IETF massively copped out by not running the normal agenda. I know that some groups cancelled but that was due to issues with in person attendance and they should have been invited to re-register. We are now faced with a splintered disrupted calendar for some time as a sea of interims are held. Furthermore we all know that the IETF meeting is the forcing function of a lot of people to do work, and the opportunity to look at items that they would not have otherwise looked at. We have lost time and momentum as a result of this, issues that the IETF is commonly criticised for. This was a major lost opportunity by the IETF to run a virtual meeting with zero repetitional cost. If it had gone wrong then people would have been understanding. The IETF has now put itself in a position where we are all going to expect virtual 108 to be compete and perfect.	3/31/2020 12:21 AM
39	This was my first IETF meeting, previously I've only participated in a hackathon. It went pretty smooth, and I think it was worthwhile of my time!	3/30/2020 11:48 PM
40	Thanks for all the work. It would have been much easier to just cancel - and you didn't do that. Kudos.	3/30/2020 11:17 PM
41	I'm concerned over the flurry of interim meetings spawned after the meeting. Navigating through these is going to be painful and time-consuming. You can predict a much lower attendance of people for which this is not the main focus.	3/30/2020 10:14 PM
42	Thank you for all your hard work to make the virtual IETF 107 happen. Thank you for returning registration fees, even though financially that must be quite a burden to the organization, given	3/30/2020 9:36 PM

that support for a meeting, even when a virtual meeting, is non-zero. These are crazy times, and the IETF rose to the occasion quite professionally.

43	I am surprised of almost no mentioning at all of the current situation during Plenary. Other than the (rightly put) slides of a Personal note there was nothing else. I do not understand this.	3/30/2020 9:16 PM
44	Looking forward to see yall in Madrid!	3/30/2020 8:19 PM
45	I answered 'dissatisfied with the meeting', not because there was anything wrong, but simply because 'going virtual' is just not my kind of thing. It was not even close to the real thing. I hope we'll never have to endure this again. But thanks anyway for all the effort. I certainly appreciate what you did and there was nothing wrong with that.	3/30/2020 7:55 PM
46	Missed the hallway very much … maybe have a second world like virtual hallway?	3/30/2020 7:47 PM
47	the IETF badly needs to sort out its culture, attrition of newcomers and working environment generally - it is worsening its reputation (already poor) with many important stakeholders and making itself look really bad. This is seemingly not visible or being ignored by those in IETF, including leadership. But it continues to lead to over-representation of rude, big-tech-employed 'individuals'.	3/30/2020 7:43 PM
48	The main reason for not attending more was the fact that things were happening in the middle of the night and the next day I had school kids at home to deal with.	3/30/2020 6:07 PM
49	The hallway conversations are not about joining a single room. That would be the equivalent of the letter board. The point is to speak to some people, not to everybody. Meet in the hallway, then step into a private chat. I wonder how that could be facilitated.	3/30/2020 5:27 PM
50	Thanks for all your work putting this together! I think all IETF sessions should have a virtual component if possible.	3/30/2020 3:24 PM
51	Thank you!	3/30/2020 2:58 PM
52	Without being able to look at the faces and body language in the room to gauge reactions and consensus, decision making was severely impeded. I understand why we're having virtual meetings very well, as my wife is likely very vulnerable to the virus, but they're a poor substitute for real human interaction. Let's return to in-person meetings as soon as practical.	3/30/2020 2:50 PM
53	Thank you for your hard work! I understand this has been though as there was no time to plan and prepare. I'm sure a future virtual meeting will be more effective and productive, with *all* WGs meeting through the week.	3/30/2020 1:38 PM
54	You might want to discount my response, since I'm a long time attendee who now can't really contribute so I'm in the ranks of "tourists".	3/30/2020 12:32 PM
55	overall, great job under challenging circumstances. I think this experience will help make remote participation in future IETF meetings much more effective	3/30/2020 12:28 PM
56	I was disappointed that so few w.g. were scheduled.	3/30/2020 12:25 PM
57	This survey is gathering data on the mechanics of the meeting which, given all things considered, went pretty well. However, it doesn't really ask any questions about whether you thought it was a really useful and inclusive experience beyond the technology. I found it to be very stilted with few new voices. I feel like it was excellent in the circumstances, but I worry about us focusing more on the technology and mechanics and less on the content and productivity.	3/30/2020 12:19 PM
58	Just one more "thank you". This was about as good as it could have been!	3/30/2020 12:19 PM
59	I think IETF 107 virtual went as well as a virtual meeting could go -- and sincere appreciation to everyone who made it happen! But, I don't want that to be mistaken for thinking we should just go all virtual all the time. The community would fall apart.	3/30/2020 12:12 PM
60	Thanks to the organizers for making IETF 107 happen in the face of the Pandemic. Excellent show of agility in the a very fluid situation. Well done.	3/30/2020 12:05 PM
61	Based on the experience I think we should consider running one of the three yearly IETF meetings as a virtual meeting. While you can attend the regular meeting remotely, the experience with a full virtual meeting is better than being a remote participant at a physical meeting.	3/30/2020 12:05 PM

62	I think the Secretariat and the support team were outstanding. What could have been a huge challenge and problem, became a success with just a few niggles. The truth is: I'm much more comfortable with the idea of a possible move for the Madrid meeting to all virtual. I'm not saying that's my preference. I am saying that, if the situation in Spain and other parts of the world remains troubling, I would be very happy to have another virtual meeting.	3/30/2020 12:02 PM
63	It's premature to say for sure before the various WG interims have been run, but I'm cautiously optimistic about this whole experience -- which is good because I think we'll be doing it for 108 and 109.	3/30/2020 11:41 AM
64	First, thanks for the reasonably stable setup. Have seen much worse the last few weeks. Second, I think the format is workable and we could have more sessions in the next virtual IETF. Finally: kill jabber and move to something modern. Slack would do.	3/30/2020 11:38 AM
65	I'm still amazed at how well everything worked even with this hodge-podge of an experience. Of course, IETFers are a bright lot, but there also was some great organization that channeled us into useful behaviors. Kudos!	3/30/2020 11:30 AM
66	As a chair of 2 of the sessions, I tried to prepare as best as possible. Still not having a look on the room made getting "the sense" of the room much harder than usual. And the chat going 100miles an hour. Also, while the usual suspects were very vocal, I did not hear any new participants come to the mic to express themselves, although number of participants for wg was much higher than in person meetings... active participation was actually lower. It's a different experience, I think we all did our best and would say the meeting was successful, but would not say that it can replace the in person experience of IETF.	3/30/2020 11:30 AM
67	An interesting first-timer experience to be sure, other than ▬▬▬▬▬▬ IETF reports at ARIN meetings. :-)	3/30/2020 11:29 AM
68	Sorry about all the jabber whining. It was great to see you guys both on the prep sessions and the real sessions. Next year in Jerusalem (relatively speaking)!	3/30/2020 11:29 AM
69	I think a jabber/xmpp replacement needs to enjoy rough consensus. Choosing something by fiat would be a bad idea.	3/30/2020 11:17 AM
70	Congratulations to the organizing team for a successful, though limited, virtual IETF.	3/30/2020 9:25 AM
71	Please cancel in-person IETF108 sooner rather than later.	3/30/2020 5:35 AM
72	Given the circumstances, it was pretty good. But I missed much of what comes with a physical in person meeting.	3/30/2020 2:29 AM
73	I appreciate all the effort. Thanks to all.	3/29/2020 1:35 PM
74	For me the in-person meeting would have been much more productive than the virtual one. However, given the circumstances we faced, I think that IETF107 was well organized.	3/29/2020 9:12 AM
75	you folks -- everyone -- did a great job. I wish you had cancelled it earlier. ▬▬▬▬	3/29/2020 8:05 AM
76	THANK YOU to the secretariat and everyone else involved in making this work!	3/29/2020 2:42 AM
77	For having to arrange this at such short notice, I'm pretty happy with how it's turned out. I would like to know well in advance if 108 will also be entirely virtual so I can plan accordingly.	3/29/2020 1:03 AM
78	Well done to Secretariat and Jay for keep the ship afloat and creating a very reasonable experience. While I missed the f2f meeting, this was the next best thing.	3/29/2020 12:36 AM
79	This was a heroic effort and was successful as much as could be expected. But it's still a LOT less effective than a face to face meeting. Specific causes include lack of hums, lack of video, and lack of hallway conversations, as well as time zone difficulties for almost everybody.	3/28/2020 10:59 PM
80	I hope you will contribute results of this survey to to ▬▬▬▬▬▬▬▬▬▬▬▬	3/28/2020 9:19 PM
81	This online meeting worked better than expected, though it cannot replace in-person meetings permanently (due to timezone issues, missing informal hallway discussions, degraded privacy over electronic communications, missing personal contacts to initiate/advance IETF work, not being away from normal work-environment to be able to focus on IETF meeting, emotions in virtual sessions not conveyed partly due to self-mute, etc.) Happy Corona!	3/28/2020 8:18 PM
82	the jet lag was terrible both sessions started at midnight	3/28/2020 6:20 PM

83	Thanks for the organizers for great initiatives for the successful program.	3/28/2020 5:12 PM
84	Hope we could have more we doing meetings next time.	3/28/2020 3:31 PM
85	I think you need to do another survey following at least a portion of the interim meetings that are coming up. I would include a question to the chairs about why they did or did not decide to schedule a meeting for their groups and how hard it was to do the scheduling. For some groups there was a doodle poll to set times, in other cases it seems that the chairs just unilaterally decided when to have the meeting. I realize the secretariat was overloaded, but the delay in getting meetings onto the upcoming meetings calendar made some scheduling harder.	3/28/2020 3:23 PM
86	I hadn't attended an IETF meeting in many years, but was curious to see how this virtual event would work. I didn't have a chance to participate much but what I did experience was well done. Thanks to everyone who put this together on such short notice!	3/28/2020 3:16 PM
87	appreciate the effort of all the staff in handling a very difficult situation...	3/28/2020 3:16 PM
88	I found over all the virtual meeting experience very successful. It is true that we re missing the face to face interaction. However, people in the line exposed their opinion in a much clearer way (at least in my opinion) than they do in non virtual session). One thing I believed help is that there is no body language, one cannot see how the room react to its question comment so it might end up that virtual meeting are less intimidating. As a presenter/chair I am happy that I had a very number of attendant, very constructive comments. Probably more than what I would have had during a face to face meeting. WG that did not happened during the IETF will be organised via interim meetings and I am convinced that it will be more efficient than having a meeting every three months.	3/28/2020 3:13 PM
89	Thank you for all the effort. I appreciate it.	3/28/2020 3:11 PM
90	After the virtual session, we need a temporary discussion room for chairs, speakers, and participants. It could be an only chat room alternative.	3/28/2020 3:06 PM
91	I can't wait until we go back to face-to-face meetings. I do appreciate the efforts that were made to bring this one about, but there were many sessions that didn't take place. Teleconferences spread out over many weeks don't really make up for the loss of the face-to-face meeting.	3/28/2020 3:03 PM
92	Integrating webex chat and jabber would be great, especially if you get queue management out of chat.	3/28/2020 2:59 PM
93	Thanks to the whole crew!	3/28/2020 2:51 PM
94	This survey wasn't as short as I was led to believe.	3/28/2020 2:51 PM
95	Great job considering the difficult circumstances; kudos to everyone who helped make it happen.	3/28/2020 2:45 PM
96	It seemed silly to have both jabber and webex chat. I'd prefer having only a single chat channel, and one that doesn't have all the problems that jabber has. (Meetecho has been nice in the past in that it has the video/audio stream integrated in the same client as the chat.) Something other than etherpad would be nice for the blue sheets. E.g. a form when dialing into the meeting to say "here's my name and affiliation" and have that take care of filling out the blue sheet.	3/28/2020 2:38 PM