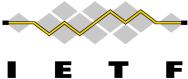


IETF Hackathon

IETF 108
July 20-24, 2020
Online



Welcome

- First online IETF Hackathon

Welcome

- First online IETF Hackathon
- First IETF event

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- First IETF event
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- First online IETF Hackathon
- First IETF event
- First IETF Hackathon
- Attending IETF meeting

Why Are We Here

- Advance pace and relevance of IETF standards
 - Bring speed and collaborative spirit of open source community into IETF
 - Flush out ideas, feed into working group sessions
 - Produce sample code, reference implementations, utilities
- Attract developers, new people to IETF
 - Match new, skillful developers with IETF veterans
 - University engagement around hackathon projects

Note Well

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set forth in BCP 79; please read it carefully.

As a reminder:

- By participating in the IETF, you agree to follow IETF processes and policies.
- If you are aware that any IETF contribution is covered by patents or patent applications that are owned or controlled by you or your sponsor, you must disclose that fact, or not participate in the discussion.
- As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.
- Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.
- As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam (<https://www.ietf.org/contact/ombudsteam/>) if you have questions or concerns about this.

Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- BCP 9 (Internet Standards Process)
- BCP 25 (Working Group processes)
- BCP 25 (Anti-Harassment Procedures)
- BCP 54 (Code of Conduct)
- BCP 78 (Copyright)
- BCP 79 (Patents, Participation)
- <https://www.ietf.org/privacy-policy/> (Privacy Policy)



IPR and Code Contribution Guidelines

- Hackathon participants free to work on any code
- Rules regarding that code are what each participant's organization and/or open source project says they are
- The code itself is NOT an IETF contribution
- Discussions, presentations, and demos done as part of the hackathon are the same type of IETF contributions as those made in working groups; therefore, the usual IETF copyright and/or IPR disclosure rules apply

Projects

- 17+ projects on the [Hackathon wiki](#)
- Not sure which project to join?

Projects

- 17+ projects on the [Hackathon wiki](#)
- Not sure which project to join?
- Check the [Lost & Found](#)

The screenshot shows a web browser window displaying a Trac-based wiki page titled "108hackathon / lost&found". The page features the IETF logo at the top. Below the logo, there's a section titled "Hackathon Lost & Found" with a brief description. Two tables are present: "Skills to Offer" and "Skills Needed".

Skills to Offer

Name	Email Address	Skills and/or interests you have to offer
Anurag	aprakash at ciena dot com	C/C++/Python/BGP/NETCONF/YANG
Henry	chocolatkey at gmail dot com	Python / Go / Typescript

Skills Needed

Name	Email Address	Skills your team needs

To edit the wiki, log in using your IETF datatracker login credentials. If you don't yet have an IETF datatracker account, you may get one by going here <https://datatracker.ietf.org/accounts/create/> and requesting a new account.

Last modified 8 hours ago

Agenda

- Monday, July 20
 - 07:00 PDT / 10:00 EDT / 14:00 UTC - Hackathon kickoff ([Meetecho](#))
- Monday, July 20 - Friday, July 24
 - Each team decides how and when to meet
 - See [Team Schedule](#) and [gather.town](#)
 - If in doubt, contact champion(s)
- Friday, July 24
 - 07:00 PDT / 10:00 EDT / 14:00 UTC - Hackathon closing ([Meetecho](#))

IETF Hackathon

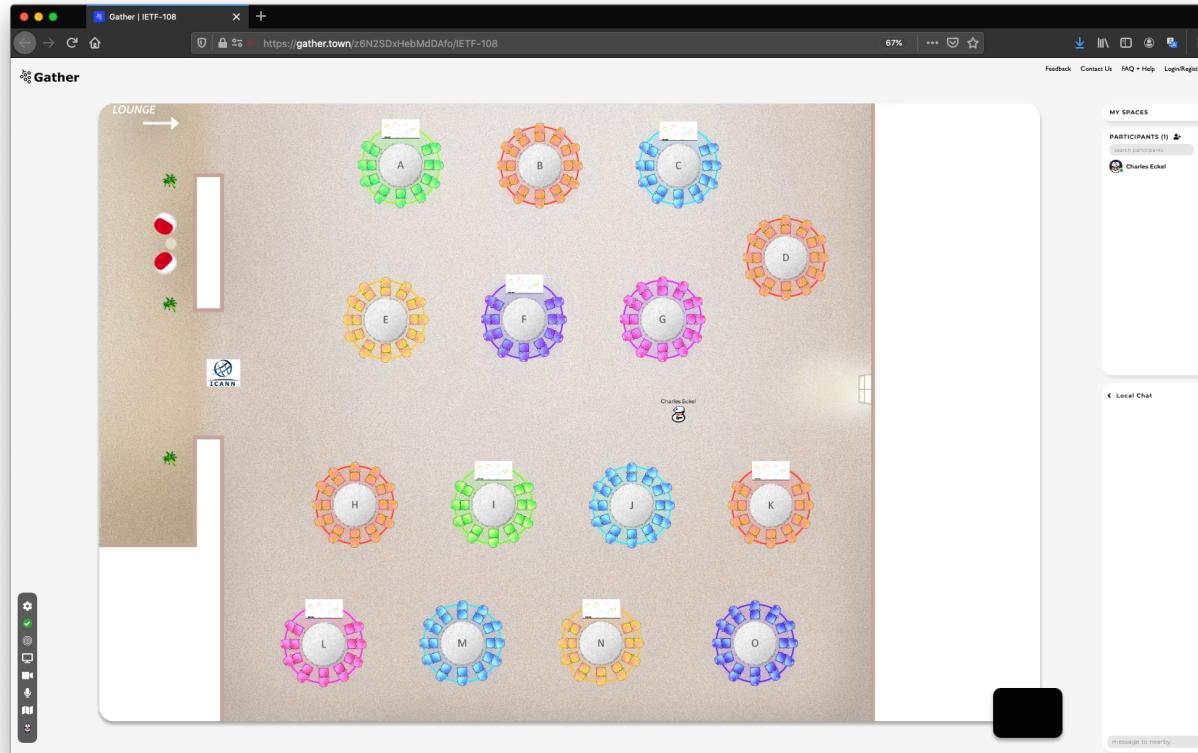
The screenshot shows a web browser displaying the IETF Trac wiki at <https://trac.ietf.org/trac/ietf/meeting/108hackathon/teamschedule>. The page title is "Team Schedule". It contains a table with four rows, each representing a project and its meeting details. The table has three columns: "Project name", "Date(s) and time(s), including timezone", and "Meeting link, URL, email address, etc.". The projects listed are IETF Hackathon Chairs, Intent-based, assurance, and telemetry; QUIC measurements; IPWAVE Project; and I2NSF Project. The "Meeting link, URL, email address, etc." column for the IETF Hackathon Chairs row contains the URL <https://gather.town/embed/here>.

Project name	Date(s) and time(s), including timezone	Meeting link, URL, email address, etc.
IETF Hackathon Chairs	Monday - Thursday, 16:00-22:00 UTC	gather.town or email < 108hackathon@ietf.org >
Intent-based, assurance, and telemetry	Thursday 23, 07:00-16:00 UTC	https://cisco.webex.com/cisco/j.php?MTID=m92472b8805fc2c7b1f1115622cb46f9
QUIC measurements	Monday through Friday, always at 3PM CET / 13:00 UTC	everyone's welcome! contact jari.arkko@piuha.net for an invite
IPWAVE Project	Monday through Thursday, always at 7AM-8AM in EDT	Everyone can join our IPWAVE team! Please contact pauljeong@skku.edu for an invitation.
I2NSF Project	Monday through Thursday, always at 8AM-9AM in EDT	Everyone can join our I2NSF team! Please contact pauljeong@skku.edu for an invitation.

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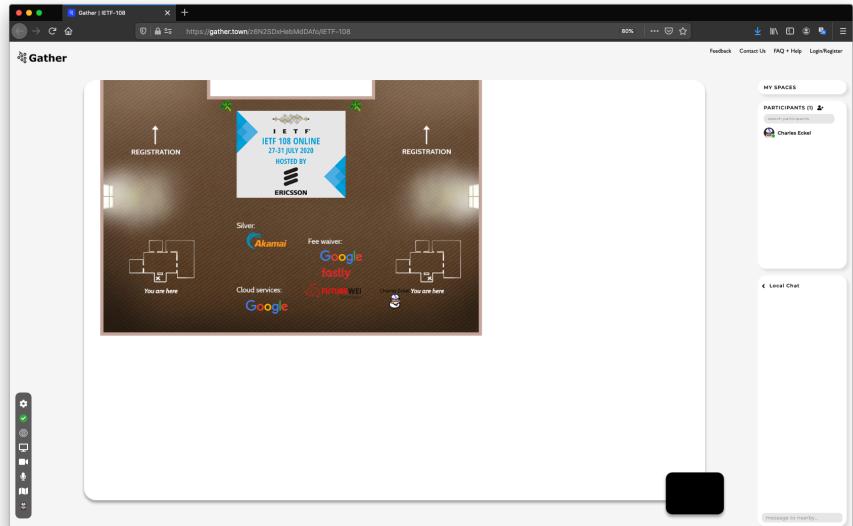
gather.town

<https://gather.town/z6N2SDxHebMdDAfo/IETF-108>



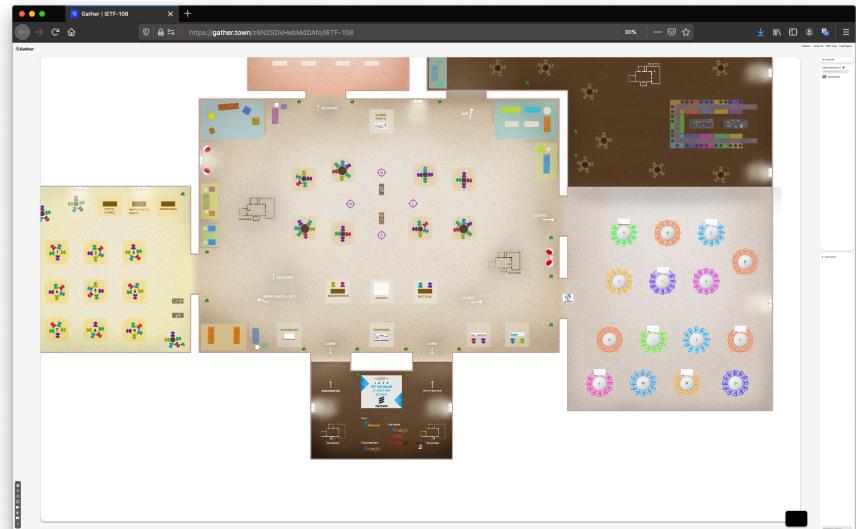
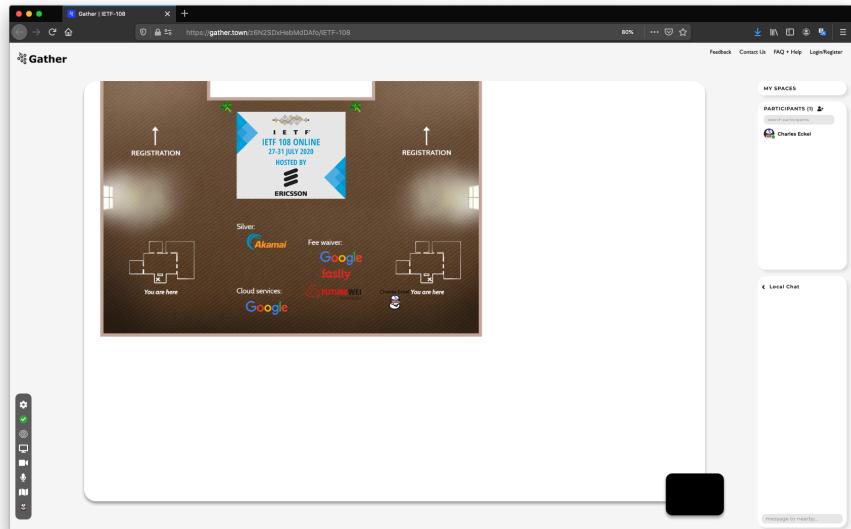
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The screenshot shows the gather.town website's login/register page. At the top right, there is a "Login/Register" button and a "MY SPACES" section which says "No spaces yet!". Below this, there is a modal window titled "About Gather spaces". Inside the modal, there is a small thumbnail image of a virtual gathering space, followed by the text: "This link is for a space on our platform for virtual gatherings. For the privacy of our users, we don't know who created this space or what the users inside are doing or saying. On the left is an example image of our experience." At the bottom of the modal, there is a question "Do you still want to enter this space?" with two buttons: a green checkmark labeled "Yes" and a red X labeled "No". At the very bottom of the page, there is footer text: "Built with love in San Bruno, CA, USA" and links to "Conferences | Home", "FAQ | Contact Us | Privacy Policy", and "© 2020 Gather Presence Inc."

gather.town

<https://gather.town/z6N2SDxHebMdDAfo/IETF-108>



Gather

FAQ Contact Us

About Gather spaces

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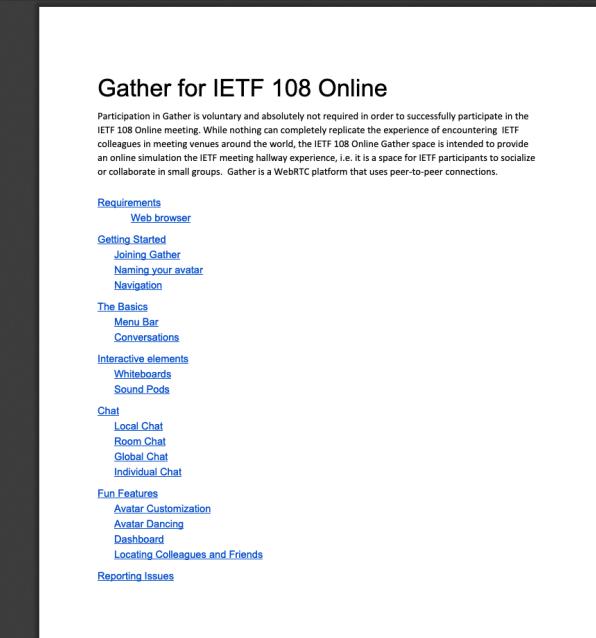
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✓ Yes ✘ No

Built with love in San Bruno, CA, USA

Conferences | Home
FAQ | Contact Us | Privacy Policy
© 2020 Gather Presence Inc.



Gather for IETF 108 Online

Participation in Gather is voluntary and absolutely not required in order to successfully participate in the IETF 108 Online meeting. While nothing can completely replicate the experience of encountering IETF colleagues in meeting venues around the world, the IETF 108 Online Gather space is intended to provide an online simulation the IETF meeting hallway experience, i.e. it is a space for IETF participants to socialize or collaborate in small groups. Gather is a WebRTC platform that uses peer-to-peer connections.

Requirements
[Web browser](#)

Getting Started
[Joining Gather](#)
[Naming your avatar](#)
[Navigation](#)

The Basics
[Menu Bar](#)
[Conversations](#)

Interactive elements
[Whiteboards](#)
[Sound Pods](#)

Chat
[Local Chat](#)
[Room Chat](#)
[Global Chat](#)
[Individual Chat](#)

Fun Features
[Avatar Customization](#)
[Avatar Dancing](#)
[Dashboard](#)
[Locating Colleagues and Friends](#)

Reporting Issues

Network Requests

- Connect virtually connected to IETF network
- Raspberry Pi 2 or newer
- IPv4 and IPv6 addresses and many options
 - IPv6ONLY, a closed user group, NAT64, IPv6PD, ...
- Project champions request via email to
ietf108virtualnetwork@noc.ietf.org
- Include your project name and members
- NOC will provide recipe

Project Presentations

1. What problem you tried to solve?
2. What you achieved?
3. Highlights
 - Lessons learned
 - Feedback to working group
 - Open source, other SDOs

5 minutes max



<https://github.com/ietf-hackathon>

Screenshot of the GitHub repository page for "IETF-Hackathon".

The repository name is "IETF-Hackathon". Description: "Repository for sharing code, presentations, and other artifacts at IETF hackathons". Email: "hackathon@ietf.org".

Navigation bar: Repositories (22), Packages, People (116), Teams, Projects, Settings.

Search bar: Find a repository..., Type: All, Language: All, Customize pins, New.

Top languages: C, Shell, JavaScript, HTML, P4.

People section: 116 > (shows 12 user profiles).

Recent repositories:

- ietf108-project-presentations**: Presentations of project results at end of hackathon. Updated 5 days ago.
- ietf107-project-presentations**: Presentations of project results at end of hackathon. Updated on Jun 8.
- mDNSResponder**: Updated on Jan 9.
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eckelcu Update README.md ...

Latest commit 55c482a 2 minutes ago History

1 contributor

15 lines (9 sloc) | 1.55 KB

[Raw](#) [Blame](#)

IETF 108 project presentations

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You **MUST** be a [member](#) of the [IETF-Hackathon GitHub org](#) to upload a new presentation or update/replace an existing presentation.

To be added as a member, please be sure to:

- include the [name](#) by which you are known as part of your in your GitHub profile
- enable two factor authentication ([2FA](#))
- send your GitHub ID to [Charles Eckel](#)

Please do this at your earliest convenience. **DO NOT WAIT** until just before hackathon project presentations start or your request may be lost in the chaos.

For more info on the hackathon, including the complete and updated agenda, please see the [Hackathon Wiki](#).



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Search or jump to...

Pull requests Issues Marketplace Explore



IETF-Hackathon / ietf108-project-presentations

Watch 1

Star 0

Fork 0

Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

master

1 branch 0 tags

Go to file

Add file

Code



eckelcu add project presentation template

66fd45d 2 minutes ago 5 commits



README.md

Update README.md

17 minutes ago



hackathon-presentation-template.p...

add project presentation template

2 minutes ago

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About



Presentations of project results at end of hackathon

Readme

Releases

No releases published

[Create a new release](#)

Packages

No packages published

[Publish your first package](#)



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Pull requests Issues Marketplace Explore



IETF-Hackathon / ietf108-project-presentations

Watch 1

Star 0

Fork 0

Code

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THANK YOU!



Questions?

Let's Start Coding!

