

IETF Hackathon

IETF 108
July 20-24, 2020
Online



Welcome

- First online IETF Hackathon

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- First IETF event

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- 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?

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 - Check the [Lost & Found](#)

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 (coming soon)
 - If in doubt, contact champion(s)
- Friday, July 24
 - 07:00 PDT / 10:00 EDT / 14:00 UTC - Hackathon closing ([Meetecho](#))

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).

Repositories listed:

- 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.
- p4-ipv6-switch-ml**: p4-16 IPv6 program for use by switch ml.

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eckelcu Update README.md ...

Latest commit 55c482a 2 minutes ago History

1 contributor

15 lines (9 sloc) | 1.55 KB

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IETF 108 project presentations

This repo is for IETF hackathon participants to upload their hackathon project presentations. The contents of this repo will be used as the source for all project presentations at the end of the hackathon and remain as a reference after the hackathon. Presenters are welcome to run their own presentations using the screen sharing functionality in Meetecho. Alternatively, the hackathon chairs can share your presentation and advance slides for you. **For portability, please upload your presentation in PDF format.**

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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eckelcu add project presentation template

66fd45d 2 minutes ago 5 commits



README.md

Update README.md

17 minutes ago



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add project presentation template

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THANK YOU!



Questions?

Let's Start Coding!

