IETF Hackathon

IETF 111
19-23 July 2021
Online
Welcome!
Gather

password: notewell
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

- Participants can work on any code
- Rules regarding code are per participant's organization and the code's license
- The code itself is NOT an IETF contribution
- Discussions, presentations, and demos in Hackathon are IETF contributions. In this context, Hackathon is like a working group, and the usual IETF copyright and IPR disclosure rules apply
Inclusive Language

• Contributions to the IETF, including Internet-Drafts and RFCs, are most understandable and effective when they use terminology that is clear, precise, and widely accessible to readers from varying backgrounds and cultures.

• The IESG hence encourages IETF participants to use the guidance in [NISTIR8366] when making contributions to the IETF. Although developed for use within the US National Institute of Standards and Technology (NIST), the IETF community expressed strong support for the sentiment that the guidance on inclusive language in [NISTIR8366] is suitable for the IETF as well [1,2]. Using the same terminology as other standards organizations and industry initiatives also contributes to overall coherence in the industry.

• [https://www.ietf.org/about/groups/iesg/statements/on-inclusive-language/](https://www.ietf.org/about/groups/iesg/statements/on-inclusive-language/)
Projects

• On the Hackathon wiki

• Not sure which project to join?
Projects

• On the **Hackathon wiki**
• Not sure which project to join?
• Check the **Lost & Found**
Agenda

- **Monday, 19 July 2021**
  - Hackathon Kickoff - 12:00 - 14:00 PDT (19:00 - 21:00 UTC) [Meetecho](#)

- **Monday, 19 July - Friday, 23 July**
  - Teams work on projects, see [Team Schedule](#)

- **Friday, 23 July 2021**
  - Hackathon Kickoff - 12:00 - 14:00 PDT (19:00 - 21:00 UTC) [Meetecho](#)
Gather https://gather.town/app/L4fNNdm1NJaja1sE2v/ietf
Note - Screenshot is from IETF 110, Gather space for IETF 111 is similar
Hackathon Space
Hackathon Tables
Shared Documents via CodiMD and Whiteboards
HackNet (https://hacknet.meeting.ietf.org)

• The NOC team experiment allows you to join the IETF network while attending remotely
• Version 2 is a complete rebuild of the network
  – Auto provisioning of credentials and device configuration
  – MikroTik is the only hardware that is supported
  – More device types to be added
  – Legacy Pi network is still active but will not have future development or support
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
https://github.com/ietf-hackathon
IETF 111 project presentations

This repo is for IETF Hackathon participants to upload their project presentations. For your convenience, presentation templates are provided in **PPTX** and **HTML** formats. Use of these templates is optional. 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 encouraged 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** or **HTML** 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 user name to hackathon-chairs@ietf.org

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

For more info on the Hackathon, including the complete and most up to date agenda, please see the [Hackathon Wiki](#).
IETF 111 project presentations

This repo is for IETF Hackathon participants to upload their project presentations. For your convenience, presentation templates are provided in PPTX and HTML formats. Use of these templates is optional. 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 encouraged 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 or HTML 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 user name to hackathon-chairs@ietf.org

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

For more info on the Hackathon, including the complete and most up to date agenda, please see the Hackathon Wiki.
IETF 111 project presentations

This repo is for IETF Hackathon participants to upload their project presentations. For your convenience, presentation templates are provided in PPTX and HTML formats. Use of these templates is optional. 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 encouraged 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 or HTML format.
THANK YOU!
Questions?
Let’s Start Coding!