

IETF Hackathon

IETF 111
19-23 July 2021
Online



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)



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 Closing - 12:00 - 14:00 PDT (19:00 - 21:00 UTC) [Results Presentation Schedule](#) [Meetecho](#)

Results Presentation Schedule

Hackathon teams are welcome and encouraged to present their results during the Hackathon Closing ([Hackathon agenda](#)). Please add the name of your team and the name of the presenter to the table at the bottom of this page.

All presentations should be uploaded to <https://github.com/IETF-Hackathon/ietf111-project-presentations>. See the [README](#) for details.

Presenters will use the screen sharing functionality within Meetecho to drive their own presentations.

Results presentations are limited to 5 minutes each. You are welcome to include more information in what you upload to <https://github.com/IETF-Hackathon/ietf111-project-presentations>, but please plan for what you share at the Hackathon closing to fit within the 5 minute time limit.

During the Hackathon Closing, we will run through the presentations in the order listed in the table below.

Project Name	Presenter's name
I2NSF Framework	Jaehoon (Paul) Jeong
IPWAVE Basic Protocols	Jaehoon (Paul) Jeong
BMWG - Containerized Benchmarking	KJ SUN
ID Visualizations	Kesara Rathnayake
Software / Firmware updates for IoT devices	Hannes Tschofenig
ASDF/T2TRG/WISHI	Carsten Bormann
Network Telemetry with BMP and YANG Push	Thomas Graf
Bigbang mailing list analysis	Nick Doty

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

IETF 109 hackathon

Charles Eckel
HACKATHON CHAIR

Unmute Audio 24.5 kbps

mute all mute audience

PARTICIPANTS

- Thomas Graf PARTICIPANT
- Dhruv-Dhody- JABBER USER
- Alessandro Amirante MEETECH
- Barry Leiba JABBER USER
- Barry Leiba, JABBER USER
- Benson Muite PARTICIPANT
- Bien Mugabarigira PARTICIPANT
- Carsten Bormann PARTICIPANT
- Dhruv Dhody PARTICIPANT
- Dieter Sibold PARTICIPANT
- Dominique Barthel PARTICIPANT
- englishm JABBER USER
- Fabio Bulicarella

What we learned

- Good
 - With the 4th hackathon, nice team collaboration and good spirit.
 - Slack helped to keep connected through different time zones.
- Bad
 - Yet again, missing beers and cocktails after ☺

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Meetecho IETF 109 Hackathon

audio in: 28 kbps recording

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

IETF-Hackathon
Repository for sharing code, presentations, and other artifacts at IETF hackathons
hackathon@ietf.org

Repositories 26 Packages People 134 Teams Projects Settings

Find a repository... Type Language Sort Customize pins New

ietf111-project-presentations
Presentations of project results at end of hackathon
HTML 2 0 1 Updated 11 hours ago

ietf110-project-presentations
Presentations of project results at end of hackathon
HTML 5 3 1 Updated on Mar 11

ietf109-project-presentations
Presentations of project results at end of hackathon
1 3 1 0 Updated on Nov 19, 2020

NSDCatZ
Proof of concept NSD implementation of draft-ietf-dnsop-dns-catalog-zones
Python 0 2 0 0 Updated on Nov 19, 2020

Top languages
C HTML Python Shell P4

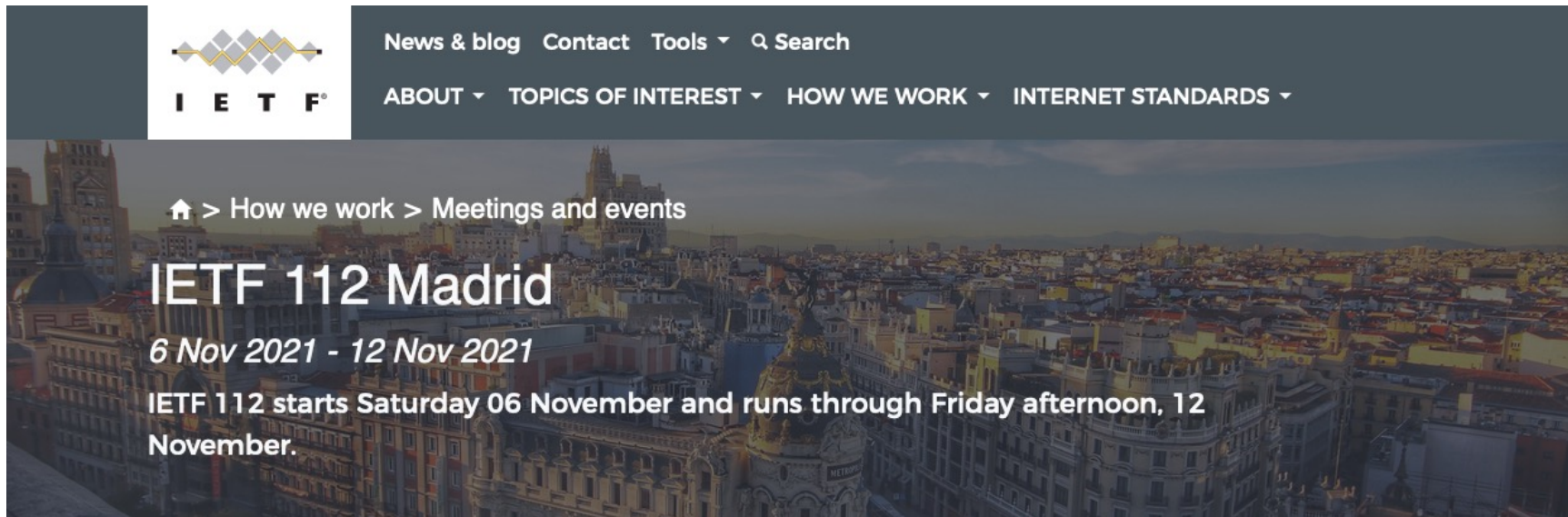
People 134 >
Invite someone

Results Presentation Schedule

THANK
YOU!



See you next time, in Madrid hopefully!



The screenshot shows the top navigation bar of the IETF website. On the left is the IETF logo, which consists of a stylized diamond pattern above the letters 'I E T F'. To the right of the logo are links for 'News & blog', 'Contact', 'Tools' (with a dropdown arrow), and 'Search' (with a magnifying glass icon). Below these are four main menu items: 'ABOUT' (with a dropdown arrow), 'TOPICS OF INTEREST' (with a dropdown arrow), 'HOW WE WORK' (with a dropdown arrow), and 'INTERNET STANDARDS' (with a dropdown arrow). The main content area features a large background image of a cityscape, likely Madrid. Overlaid on this image is the text: 'Home > How we work > Meetings and events', followed by 'IETF 112 Madrid' in a large font, then '6 Nov 2021 - 12 Nov 2021', and finally 'IETF 112 starts Saturday 06 November and runs through Friday afternoon, 12 November.'

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ABOUT ▾ TOPICS OF INTEREST ▾ HOW WE WORK ▾ INTERNET STANDARDS ▾

🏠 > How we work > Meetings and events

IETF 112 Madrid

6 Nov 2021 - 12 Nov 2021

IETF 112 starts Saturday 06 November and runs through Friday afternoon, 12 November.