

👋 DUG#6 Closing Remarks 👋



<https://vpub.dasharo.com/e/16/qubes-os-summit-2024>

Qubes OS Summit 2024

2024-09-20 10:00 - 2024-09-22 20:00 @ **The Social Hub Berlin**

DETAILS

TICKETS

Call for Participation (CFP) for Qubes OS Summit 2024 is open!

We are waiting for your submissions and suggestions for the talks.

List of suggested topics:

- Qubes OS related topics
- UI/UX
- Hardware
- Security features
- App qubes

Date & Venue

Once again Qubes OS 2024 Summit comes to the vibrant city of **Berlin from the 20th to the 22th of September!** This year event will take place in The Social Hub Berlin, Alexanderstraße 40, 10179 Berlin.

Conference format

Qubes OS 2024 Summit is all about flexibility and inclusiveness. We're seeking speakers who can **join us physically in Berlin or virtually from anywhere in the world**. This hybrid format ensures that the event will be live-streamed, allowing everyone to participate simultaneously, whether they're at the venue or online. Don't miss the chance to be part of this forward-looking conference!

Sponsorship

Empower the Qubes OS Summit 2024 with your sponsorship. Make an impact today - [schedule a call](#) or contact us via email at events@3mdeb.com.

[Edit or view your proposals](#)[Go to CfP](#)



- Some time ago we started community effort to gather hardware requirements for our dream workstation/server configuration.
- We trying to analyze as much as possible:
 - Long Term Availability.
 - Vendor Friendliness.
 - Requirements we know about because customers or community already asked.
 - Price.
 - Market segment.
 - Current status of open-source firmware support.
- We slowly create following document:
 - <https://pad.3mdeb.com/code/#/2/code/view/2ckUMYOkUle5LZncscHfRik0zoOCx>



- Very similar project but for Network Appliance, but also as a training platform for Hardwear.io, OST2 and other purposes.
- Decision was made to choose Hardkernel Odroid-H4, but there are still things to check.
- <https://pad.3mdeb.com/code/#/3/code/view/cf6895bed5afc46738fbd4eb9be018fc/emb>

Are you passionate about **open-source firmware, security, privacy, and digital sovereignty**? We're looking for a dynamic co-host to join Piotr Król (me) at our upcoming Dasharo User Group and Developers vPub events!

We Need Someone Who:

- Is an active member of the Dasharo community.
- Has technical expertise and can speak knowledgeably about our core topics.
- Enjoys engaging with a community and can lead discussions effectively.
- Is ready to step in as host when needed.

Interested? Contact piotr.krol@3mdeb.com.

6:00 Intel's HBFA-FL fuzzer for UEFI CI-CD fuzzing

PM Dr. Lynn Tipton

20min Intel has open-sourced a new tool, HBFA-FL, that performs fuzzing of UEFI code from user-space. It is well-suited for identify code security issues and can incorporate a variety of sanitizers to uncover latent issues in code. This talk will provide a short overview of the tool along with Q&A.

Dasharo Developers vPub OxB Main Track

Dasharo vPub

7:00 Verified Boot and secure updates - How to do them securely and openly?

PM Michał Żygowski

20min A fundamental problem of firmware security are secure firmware updates. Dasharo tries to solve these problems using Vboot, a verified boot and A/B update scheme developed by Google for use in Chrome devices. However, when used in devices other than Chromebooks and Chromeboxes, this solution brings a new set of issues. This talk will discuss the various problems we've encountered in trying to deploy Vboot for Dasharo, what we're...

Dasharo Developers vPub OxB Main Track

Dasharo vPub

8:00 Dasharo Configuration Utility - Status Update

PM Tymoteusz Burak

20min Join us for an in-depth discussion on the latest advancements in Dasharo Configuration Utility since the [DUG #4 "Dasharo Configuration Utility Introduction"](#) by Piotr Król. This session will cover the new features and improvements that empower users to customize their Dasharo binaries directly from userspace, enhancing flexibility and control. We will also discuss how these updates integrate with the current Dasharo ecosystem.

Dasharo Developers vPub 0xB Main Track

Dasharo vPub

9:00 coreboot and Dasharo in Systems Research at KIT

PM Yussuf Khalil, Fabian Meyer

20min We are an operating systems research group at Karlsruhe Institute of Technology (KIT) and are actively working with coreboot on current-gen x86 platforms in our research. Fabian has successfully used Dasharo on an MSI Alder Lake board for his BA thesis [1] last year and we have since ported coreboot ourselves to an ASRock board on Intel's Eagle Stream (Sapphire Rapids) platform [2]. In this talk, we will share some of our experiences and...

Dasharo Developers vPub 0xB Main Track




Dasharo vPub

TEST + CHOOSE + KNOW

YOUR FIRMWARE



DASHARO

- **Test:** Dive into our latest releases, test them out, and share your feedback. Your experiences refine our roadmap. 
- **Choose:** Choose to be an active part of our community. Your engagement shapes Dasharo's evolution. 
- **Know:** Stay informed and share your knowledge. Together, we deepen our understanding and create a robust firmware solution. 

- **Spread the Word:** Help more people discover, test, and choose Dasharo. 🧠
- **Contribute:** Your code, documentation, and ideas are the building blocks of Dasharo's growth. 👤👤
- **Engage:** Join our discussions, forums, and DUG meetings. Every interaction enriches our community. 🤝





Q&A