



Hang tight, we're
almost **ready!**



xenproject.org





September 2026

Xen Summit 2026



xenproject.org



DRIVING VIRTUALIZATION FORWARD



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Special thank you to
Linux Foundation!



Welcome

Important Information

- Breaks with coffee and drinks
 - Check out the demos!
- Schedule
- Recordings ASAP
- Code of Conduct
 - Be nice
 - Contact me or maintainers



Design Sessions

How it works

- <https://design-sessions.xenproject.org/>
- Submit and Vote (**lunch tomorrow**)
- Nominate a host
- Zoom
- *Validation code: XenDE26*



Dinner

Join us

- [Flugwerk](#)
- Wednesday @ 6:30pm - 10:00pm
- [Google Maps](#)
- Bus from Heads and back
- No badges required
- Buffet
- Open bar!





Have a great summit!

Questions? Concerns?

Email: [**community.manager@xenproject.org**](mailto:community.manager@xenproject.org)

Telephone/Text/WhatsApp/Signal: **+33 7 86 65 94 37**



September 2026

2026 Xen Weather Report

Cody Zuschlag



xenproject.org



A year ago...



- Xen 4.20 had just been released
- Xen 4.21 was still under development
- Honda, Renesas, and Ford had recently joined
- The website had a new homepage
- Safety certification was being announced by multiple members
- Automotive & embedded growth was a strategic goal
- Onboarding contributors was a challenge
- We had a lot of plans for the year ahead



So how did we do?

- Automotive & embedded growth
 -
- Safety certification work
 -
- Website, docs & search
 -
- Transparency & community



So how did we do?

- Automotive & embedded growth
 - → Accelerating
 -
- Safety certification work
 - → Formal initiative launched
 -
- Website, docs & search
 - → Major modernization delivered
 -
- Transparency & community
 - → More events, outreach, and visibility



A Year of Momentum

Xen Summit 2025 → Xen Summit 2026



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You Are Here

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From ambition to execution

- Safety: idea → collaborating members
- Website: refresh → professional public face
- Automotive: opportunity → strategic focus





Xen **Safety** Initiative

Why **safety** matters

- Xen provides isolation just above the hardware layer (before OS)
- Organizations are using Xen in safety-critical systems
- Same foundational work being duplicated:
 - Duplicate engineering work
 - Diverging artifact sets
 - Hard to synch upstream
 - Fragmented efforts
 - Long, expensive, scheduling risk



What did we **create**?

- Formal Xen Safety Committee
- Shared stewardship of safety artifacts
 - Requirements, architecture, tests, DFMEA, and tooling
- Alignment with upstream Xen development
- Collaboration across companies pursuing downstream certification
- Premier Plus membership to help fund and sustain the work
- **Reusable foundation for downstream certification**
 - ⚠ The Xen Project will not certify Xen



Safety in Action

- Foundational work from AMD, EPAM, and Renesas
- Existing requirements / architecture / DFMEA / testing work
- BUGSENG involvement
- ECLAIR and tooling work
- Work moving toward collaboratively maintained artifacts
- Safety Committee beginning to turn the model into an ongoing program



Going Public



- Safety Initiative announced publicly
- New XenProject.org launched alongside it
- Safety and automotive moved prominently into Xen's public positioning
- Press coverage
- Industry conversations / automotive outreach
- And now, Xen Summit in Munich



Public **face** of Xen

2024 → 2025 → 2026

- Modernized visual identity and branding
- Rebuilt the site on a modern Astro stack
- Clearer story for users, contributors, and members
- Safety and automotive moved front and center
- Better navigation and information architecture
- Search finally became a first-class feature
- Documentation integration continues to improve
- A professional public face that matches the project



Xen 4.21 → Xen 4.22

- Xen 4.21 released in November 2025
- Continued security hardening
- Better determinism and interrupt latency
- Broader CI and test coverage
- Continued modernization of the codebase
- Xen 4.22 released in July 2026
- New hardware and architecture enablement
- Strong engineering momentum across x86 and Arm



5 Year Support

- Every release now receives long-term support
- 3 years of full support
- 2 additional years of security support
- 5 years total for each release
- Applies to Xen 4.20 and later
- Older supported releases receive extended security coverage
- More predictable lifecycle for downstream users
- Better fit for automotive, industrial, and enterprise deployments



Community, ecosystem, & investment

- **Boeing joined the Xen Project in March 2026**
- Stronger engagement from automotive and safety-critical industries
- **AMD, EPAM, and Renesas** helped bootstrap the Safety Initiative
- New Premier Plus model supports sustained safety investment
- More investment in documentation and contributor onboarding
- Xen Spring Meetup in Grenoble
- Increased industry sponsorship and participation
- More visibility through conferences, media, and outreach



Where Xen is now

- Proven infrastructure technology
- Strong in datacenter virtualization
- Increasingly relevant to automotive and embedded
- Well suited to mixed-criticality systems
- Predictable 5-year support lifecycle
- Functional-safety work now has a formal home
- Stronger project identity and public presence



What's Next?

- Turn the Safety Initiative into a mature ongoing program
- Expand and maintain shared safety artifacts
- Bring more automotive and safety-focused members into Xen
- Improve contributor onboarding
- Continue documentation modernization
- Increase adoption in strategic industries
- Strengthen long-term project sustainability



We need you!



- Contribute code
- Review patches
- Improve documentation
- Test Xen on new hardware
- Mentor new contributors
- Bring Xen into your organization
- Participate in design sessions and community discussions
- Help us grow the ecosystem



Thank **you!**



Any questions ?

Thank you for your attention



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