



OpenSSL Conference Prague 2025
October 7-9, 2025



Looking for inspiration for your talk at the OpenSSL Conference?
We have prepared a list of pre-approved topics for each of the four tracks to help guide your proposal.
Submitting on one of these topics can also streamline the review process.

Track 1 Business Value & Enterprise Adoption

Demonstrating OpenSSL Library's Business Value	Leveraging OpenSSL Library for Competitive Advantage	Training and Selling OpenSSL Library Benefits	Standards & Industry Alignment
Why Fortune 500 Companies Choose OpenSSL Library Support	How to Differentiate My Product When My Competitor Also Uses OpenSSL	Sales Training: Selling OpenSSL Benefits You Didn't Know About	Standards & Roadmaps: IETF, ANSI, ISO, PKCS#11 & What's Next
The ROI of OpenSSL Support Contracts – How companies reduce risk and save money	What Can Be Done with OpenSSL? What Is Being Done? What Is the Potential?	Free Insurance Using Open Source – How companies rely on OSS as a risk buffer	
Convincing Your Boss to Pay for OpenSSL Support	Missed Opportunities: What More Can Be Done with OpenSSL?	Open Source as the Ultimate Blame Shield – Legal and business perspectives	
Technical Due Diligence for Security in Mergers & Acquisitions		Who Signs Off on Security? Understanding Enterprise Decision-Making	
Who Actually Owns SSL in Your Organization? – Understanding responsibility across cloud, vendors, and internal teams			
OpenSSL in a Vendor-Managed World: How to Maintain Control Over Your Security			

Track 2 Technical Deep Dive & Innovation

OpenSSL Library Roadmap & Future Developments	Hidden Features & Advanced Usage	Performance Optimization & Engineering Best Practices	Security Vulnerabilities & Incident Response
OpenSSL 3.5 & Beyond: Performance, Security, and New Features	Hidden Gems in OpenSSL Library: 101 Things You Didn't Know OpenSSL Library Could Do	Optimizing OpenSSL Library Performance in High-Throughput Environments	Fastest / Slowest / Largest / Smallest System Running OpenSSL Library
The Road to OpenSSL 4.0	Avoiding Common Pitfalls in OpenSSL Library Integration	Fuzzing OpenSSL Library : Lessons from Real-World Bugs	Biggest Security Screw-Ups in OpenSSL Library
How We Implemented PQC in OpenSSL Library – A technical walkthrough	Debugging OpenSSL Library: Best Practices for Troubleshooting	Hacking CI for Fun and Profit	Fastest Security Fix vs. Slowest CVE Fix
Deep Dive into QUIC and TLS 1.3	How to Build OpenSSL Library the Right Way	Using CI as a Path to Riches	Threat Modeling OpenSSL-Based Systems
	Bridging the Knowledge Gap: What Every Enterprise Security Team Should Know About OpenSSL Library		

Track 3 Security, Compliance & the Law

Compliance & Regulatory Challenges	Security Governance & Liability	Security & Threat Response	The Post-Quantum Cryptography Debate
International Standards & Legal Conflicts in Cryptography	The Liability of Open Source Security Bugs	How to Handle Backdoor Requests	Helping Calm the Panic About PQC
Regulatory Compliance & OpenSSL Library	How Many Products Have Passed Technical Due Diligence for IP Origin?	How Do You Know Who to Trust?	Helping Raise the Panic About PQC
FIPS 140-3: What Enterprises Need to Know	Who Knows What Goes Into Products? Supply Chain Security Challenges	Proving Security in Your Development & Deployment Process	CRQC Guessing Game: When Will Cryptographically Relevant Quantum Computers Arrive?
Managing Cryptographic Risk in Large Organizations	Dealing with Bugs from a Liability Standpoint	Proving Security Remotely	
How to Pass a Compliance Audit with OpenSSL Library	Technical Due Diligence for Security in Mergers & Acquisitions	High Availability & Security Contention	
	When to Trust a Vendor vs. When to Own Your SSL Stack		
	How Enterprises and Cloud Providers Can Improve SSL/TLS Security Together		

Track 4 Community, Contribution & the Future

OpenSSL Library Governance & Decision-Making	Open Source Contributions & Engagement	OpenSSL Library Culture, Stories & Unusual Use Cases	AI & The Future of Software Development
What Do BACs & TACs do?	How to Start Contributing to OpenSSL Library	OpenSSL Library Horror Stories & Success Stories	Replacing Developers with Insert-AI-Name-Here
Behind the Scenes: How OpenSSL Library Security Issues Are Handled	How to Get Your First OpenSSL Library Patch Accepted	Where Is the Strangest Place OpenSSL Library Has Been Used?	Code Analysis Tools: Who Needs Reviews When You Have AI?
Who Chooses to Work for OpenSSL Library?	Maintaining an OpenSSL Fork: Lessons from the Field	Fastest / Slowest / Largest / Smallest System Running OpenSSL Library	If One AI Writes the Code and Another Reviews It, What Does the Human Do?
How OpenSSL Library Governance Has Evolved Over Time	A Year in OpenSSL Library: Key Contributions & Their Impact	Biggest Distribution Foot-Guns / Screw-Ups	Eliminating Human Error in the Development Process with AI
How OpenSSL Library Users Can Influence the Project: Getting Your Needs Heard	Why (and How) Companies Should Fund Open Source	Blaming Upstream/Downstream for Everything	AI Overlords: Shock Training Developers into Better Practices

Whether you are technical, strategic, legal, or community-focused — there is a place for your voice!

www.openssl-conference.org