It's Time to Engage with the CERT® Division

Keep pace with cybersecurity challenges…

For nearly 30 years, the CERT Division of the Software Engineering Institute (SEI) has been a trusted, authoritative, and neutral third-party research organization on the cutting edge of cybersecurity. We partner with government, industry, law enforcement, and academia to develop advanced methods and technologies that counter large-scale, sophisticated cyber threats.

Engaging with us is easy. Attend one of our training courses, request a security-related assessment, collaborate with us on our research projects, and more. Now's the time to benefit from what we have to offer.

Learn from Our Training

Available online and in person, our cybersecurity courses help you tackle the cybersecurity challenges you face in areas such as insider threats, DevOps, and software assurance, to name a few. Get certified by taking multiple related courses in our insider threat and secure coding certificate programs.

For information about these programs, see cert.org/insiderthreat and cert.org/go/secure-coding. Explore the complete range of our cybersecurity training opportunities at cert.org/training.

Report a Vulnerability

You can report security vulnerabilities to us when the vendor has not responded to your direct contact with them. We then work with affected vendors to resolve reported vulnerabilities. Learn more at cert.org/vulnerability-analysis.

Use Our Tools

Use our tools and methods when you conduct your forensic examinations, analyze vulnerabilities, monitor large-scale networks using flow data, and more. See our full array of tools at cert.org/engage/tools.cfm.

Attend an Event

We sponsor many conferences and meetings, including

- FloCon (cert.org/flocon), an annual network security conference where you learn more about the next generation of flow-based analysis techniques
- Insider Threat Symposium (cert.org/go/insider-threat-symposium), an annual event that brings together those mitigating insider threats to share their successes and challenges
- CYBURGH, PA (bit.ly/cyburghPA), an annual event for local Pittsburgh organizations to share information about cybersecurity challenges and solutions

Request an Assessment

Do you want to know how effective your organization's security-related practices are? Our experts offer assessments that include

- CERT-RMM Capability Appraisals that evaluate your organization's operational resilience using the CERT-RMM (cert.org/resilience/products-services/cert-rmm/cert-rmm-appraisals.cfm)
- Insider Threat Vulnerability Assessments that help you understand your exposure to potential insider threats (cert.org/insider-threat/products-services/vulnerability-assessments.cfm)
- SCALe Conformance Analyses that evaluate the C code in your software to help you improve it before you release it to your customers (cert.org/secure-coding/products-services/scale.cfm)

Read Our Blogs
Check out the latest insights from our researchers.

- Our CERT/CC bloggers share advice on timely issues related to vulnerabilities, network situational awareness, and security research.
- Our DevOps bloggers offer technical guidance to help you achieve successful DevOps.
- Our Insider Threat bloggers advise you and offer best practices to help you deter, detect, and respond to insider threats. Access all of our blogs at insights.sei.cmu.edu.

Stay Informed with Our Podcast Series
If you are leading an enterprise-wide security effort, make sure your security programs are as good as they can be by listening to our podcasts at cert.org/podcasts.

Join the Secure Coding Wiki
Read and contribute to our secure coding wiki, where you and your peers can work with us to develop new standards. Learn to develop secure code using our coding standards for C, C++, Java, and Perl. We also have programming standards for the Android platform. Join the wiki at securecoding.cert.org/confluence/display/seccode/ SEI+CERT+Coding+Standards.

Participate in Our Webinars
We offer a vast collection of webinars at sei.cmu.edu/ webinars covering topics such as DevOps, insider threats, malware analysis, secure coding, and more.

Learn About Our Research
We focus our research on cybersecurity challenges in national security, homeland security, and critical infrastructure protection. Our research produces new approaches, analysis tools, and training options to improve the practice of cybersecurity in private and public sector organizations.

Conduct Research with Us
Watch some of our researchers describe their work on cert.org/research. They discuss projects such as behavior-based analysis and detection of mobile devices, malware distribution networks, and analyzing Internet and online social network concerns.

We invite you to engage with us on these and other research projects on our website at cert.org. Contact us at cert.org/contact to discuss the work and the collaboration opportunities we offer.

Sponsor Our Research
In our sponsored research and development, we study and solve problems that have widespread implications for cybersecurity. We have worked with many organizations on a variety of research projects. For example, the U.S. Department of Homeland Security and the Department of Energy have sponsored some of our research in software assurance and resilience management. Reach out to us at cert.org/contact if you are interested in exploring sponsorship opportunities.

Who We Work With

We work with many organizations including the U.S. Department of Defense and the Department of Homeland Security; federal, state, and local governments; multiple levels of law enforcement; the intelligence community; operators of critical infrastructures; and many industry organizations.

Is it time for you to work with us?

Collaborate with Us

Are we working on the same cybersecurity problems? Let's talk about how we can collaborate to find or develop solutions. Reach us at cert.org/contact.

Join Our Team

Are you interested in a career with the CERT Division? Contact us to learn more about our career opportunities. Reach us at cert.org/careers.

About
For nearly 30 years, the CERT Division of the SEI at Carnegie Mellon University has been a leader in cybersecurity. Originally focused on incident response, we have expanded into cybersecurity areas such as network situational awareness, malicious code analysis, secure coding, resilience management, insider threats, digital investigations and intelligence, workforce development, DevOps, forensics, software assurance, vulnerability discovery and analysis, and risk management.

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