ECSO

EUROPEAN CYBER SECURITY ORGANISATION

Cybersecurity Awareness Calendar 2024

November

Threat Vulnerability

Turning up Neon Lights for Awareness Nights!

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ECSO aims to spread awareness of key aspects of cybersecurity and showcase ECSO Members and the cybersecurity community's solutions and services.

Introducing our 2024 topics:

January: Zero Trust
February: Quantum Computing and Cryptography
March: Ransomware
April: Cybersecurity Solutions to Secure SME Businesses
May: The Road to a Career in cyber
June: Supply Chain
July: European Regulations and Compliance
August: Generative AI
September: Internet Of Things (IOT)
October: Artificial Intelligence
November: Threat Vulnerability
December: Cloud Computing

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Resources from our Members

Threat hunting in enterprise networks

ERICSSON

In response to an evolving threat landscape, organizations need to adopt new defense approaches. Threat hunting is a proactive security line exercised to uncover stealthy attacks, malicious activities, and suspicious entities that could circumvent standard detection mechanisms. It is an iterative approach to generate and revise threat hypotheses endeavoring to provide early attack detection in a proactive way. The proactiveness consists of testing and validating the initial hypothesis using various manual and automated tools/techniques with the objective of confirming/refuting the existence of an attack.

Read more about threat hunting in our comprehensive survey paper.

Learn about threat intelligence and how to conduct vulnerability assessments on the Cybersecurity Learning Hub

Check out the Getting Started with Threat Intelligence and Get Started with Vulnerability Assessment trails to learn how threat intelligence helps prevent attacks on organisations, how analysts identify and investigate threats, and how to conduct a vulnerability assessment to improve your organisations cybersecurity strength.

Both are modules under the Cybersecurity Learning Hub, which include the Cybersecurity Career Path which is an initiative designed to tackle the global cybersecurity skills shortage. Hosted on Trailhead, Salesforce's learning platform, it provides over 80 free courses with career oriented information, expert interviews and training modules.

The Cybersecurity Learning Hub is brought to you by the The World Economic Forum, Salesforce, Fortinet and the Global Cyber Alliance. You can also check out other cybersecurity courses, roles and learn vital skills for free whilst you're there!

Learn more **HERE**.

Meet GMV Penbot: The AI-Powered Pentester that never sleeps

In an era of escalating cybersecurity threats, GMV introduces GMV Penbot, an AI-powered automated pentesting solution designed to detect and address web vulnerabilities. Using advanced reinforcement learning, GMV Penbot mitigates risks highlighted in the OWASP Top 10, reducing the likelihood of cyberattacks that compromise data and disrupt operations.

GMV Penbot replicates professional hacker behaviour without human intervention, featuring an intuitive interface that democratizes pentesting for non-specialists. It efficiently detects common threats like SQL injection, Cross-Site Scripting (XSS), and brute-force attacks, strengthening security while lowering operational costs.

With reinforcement learning capabilities, GMV Penbot continuously evolves to address emerging threats and automates advanced tools for fast, accurate results. Automated reports provide real-time visibility into an organization's security posture, optimizing resources with minimal effort.
GMV Penbot represents a groundbreaking step in pentesting, delivering advanced, scalable cybersecurity solutions for the digital age.

Learn more **HERE**.

Learn about Threat Vulnerability with ISC2

ISC2™

ISC2 provides its members and the broader cybersecurity community access to an array of resources that explore best practices for threat assessment and vulnerability management.

Security Operations Express Courses – Provide insights into identify, assess and mitigate common vulnerabilities. Learn more.

Software Security Express Courses – Explore best practices throughout the software development lifecycle to produce more resilient code. Learn more.

Webinars – Free webinars like Future Threats and Impacts – What Do Industry Experts Think They Are explore emerging tech and the threats and vulnerabilities they may bring.

Member Insights – Cybersecurity professionals share their perspectives on how Generative AI To Jump Start Software Security Testing.

Learn more **HERE**.

Shield your attack surface from SSL misconfigurations

During an evaluation of a company's attack surface, SSL (Secure Sockets Layer) misconfigurations, along with other encryption-related problems tend to receive the lowest scores on average. Many applications contain some type of misconfiguration or vulnerability.

Properly configuring your SSL settings bolsters your defense against cyber-attacks, safeguarding your applications and data. Conversely, neglecting these settings can leave your business susceptible to cyber threats, increasing the prospects of potential attacks.

Read more about how SSL misconfigurations and other encryption-related issues impact your organization and stay informed about recommended methods for identifying and resolving them.

Learn more **HERE**.

Outpost24

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Resources from the Community

Exposed to Cyber Threats?

CONCENTER.IO delivers a cutting-edge cybersecurity solution by integrating powerful tools like **SELKS** and **Wazuh** for real-time monitoring, automated threat detection, and rapid response. It protects both network traffic and endpoints with a strong emphasis on scalability, automation, and ease of implementation. Tailored for small and medium businesses, CONCENTER.IO employs a **Zero Trust framework**, ensuring that no user, device, or system is trusted by default, fortifying security through continuous verification and control.

Find out more HERE.

BeNeLux Cybersecurity Strategies: Converging or Diverging on the Topic of Risk Management?

With the rise in cyberattacks on critical infrastructure, governments and companies must better manage cybersecurity risks by addressing threats and vulnerabilities. National strategies guide companies and set a clear direction for effective risk management. The 2021 guideline for national cybersecurity strategies, recommend creating sectoral risk profiles to adopt a proactive defence approach. Have BeNeLux strategies aligned with this? We evaluate the convergence or divergence of current BeNeLux strategies and propose policy recommendations for upcoming National Cybersecurity Strategy Reviews.

Find out more HERE.

Addressing OT Vulnerabilities: Challenges, Solutions, and Emerging Tools

With nearly 73% of organizations reporting intrusions that affected either OT alone or both OT and IT systems, addressing vulnerabilities has become essential to ensure cybersecurity and the safe operation of critical infrastructure. Discover the unique challenges that make OT environments distinct, and explore the tools that can help mitigate these risks effectively.
Learn more **HERE**.

CATALYST: The Integrated Adversarial Analysis For Your Resilience

CATALYST is a full-scope threat intelligence platform that delivers comprehensive technical intelligence reports and timely, in-depth analyses. These help you understand and mitigate emerging cyber risks and stay ahead of threats while having access to intricate insights and proactive measures. CATALYST allows you to dive into every corner of the adversarial mind while securely taking your business to the next level with informed decision-making and seamless, first-class protection.
Learn more **HERE**.

Thank you for your time!

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The Cybersecurity Awareness Calendar
is an initiative launched by:
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