CYBERSECURITY AWARENESS CALENDAR 2023

JUNE EDITION: CYBERSECURITY AUDITOR
Based on ENISA's European Cybersecurity Skills Framework (ECSF), this calendar will feature a different skill each month. ECSO aims to spread awareness of key aspects of cybersecurity and showcase ECSO Members and cybersecurity community's solutions and services.

The monthly themes for 2023 are planned as follows:

January – Chief Information Security Officer
February – Cyber incident Responder
March – Cyber Legal, Policy and Compliance Officer
April – Cyber Threat Intelligence Specialist
May – Cybersecurity Architect
June – Cybersecurity Auditor
July – Cybersecurity Educator
August – Cybersecurity Implementer
September – Cybersecurity Researcher
October – Cybersecurity Risk Manager
November – Digital Forensics Investigator
December – Penetration Tester
1. The Main role of a Cybersecurity Auditor is to perform cybersecurity audits on the organisation's ecosystem. This entails conduct of independent reviews to assess the effectiveness of processes and controls and the overall compliance with the organisation's legal and regulatory frameworks policies. An Auditor evaluates, tests and verifies cybersecurity-related products (systems, hardware, software and services), functions and policies ensuring, compliance with guidelines, standards and regulations. More HERE.

2. ECSO's Working Group 1 "Standardisation, Certification and supply Chain Management" is of interest to Cybersecurity Auditor's seen as it is a community of certifiers, test labs, component manufacturers, system integrators, service providers, national public administrations, RTOs, etc. that contributes to activities for pre-standardisation and supports the development and use of trusted European certified solutions across the supply chain and the various sectors. This Working Group supports the roll-out of EU ICT security certification schemes, standard and legislative recommendations, and ensures the establishment of trusted and resilient supply chains in Europe. More on this Working Group HERE.

3. Another activity of interest for Cybersecurity Auditors is ECSO's new Position Paper on the Cyber Resilience Act (CRA). ECSO's new publication can be found HERE.

Did you know?
Resources from our Members
What does a Cybersecurity Auditor do?

Cybersecurity auditor work with companies and organisations to provide audits of online security systems that typically include: a detailed report on existing cybersecurity systems, analysis of the efficient and effective operation of systems, recommendations on changes to protocols and infrastructure.

They must be able to analyse complex information, identify risks, provide solutions to mitigate those risks, communicate effectively with stakeholders at all levels of the organisation.

Our Cybersecurity auditors are updated with the latest security threats through our Threat Intelligence Report that we disseminate quarterly, giving them the ability to stay informed of trends and technologies in order to provide effective security controls.

Certifications provide objective validation of knowledge and skills as a cybersecurity. Exprivia has certified employees and these demonstrate our expertise in the field and provide organisations with confidence in your ability to conduct effective security audits.

We invite you to read more HERE.
Learn new skills and what it’s like to be a Cybersecurity Auditor! (FOR FREE!)

The Cybersecurity Career Path is part of the Cybersecurity Learning Hub which is an initiative designed to tackle the global cybersecurity skills shortage. Hosted on Trailhead, Salesforce’s learning platform, it provides over 70 free courses with career oriented information, expert interviews and training modules. Take the Cybersecurity Compliance Analyst Trailmix to learn about the role of the cybersecurity auditor - evaluating IT systems and applications against applicable cybersecurity rules and regulations. You can learn more about compliance and regulation with this module and you can check out other cybersecurity roles and learn vital skills for free whilst you’re there!

Global Cyber Alliance is proud to be a founding partner of the Cybersecurity Learning Hub alongside the World Economic Forum, Salesforce, and Fortinet.

More about Global Cyber Alliance HERE.
Professional Development and Cybersecurity Certifications for those with a cybersecurity auditor specialty.

CISSP: The Official (ISC)2 CISSP training provides a comprehensive review of the knowledge required to effectively design, engineer and manage the overall security posture of an organization. This training course will help students review and refresh their knowledge and identify areas they need to study for the CISSP exam. This training session is ideal for those currently working as a security auditor or looking to pursue a career as a security auditor among many other positions.

CSSLP: Recognizes expertise and ability to incorporate security practices — authentication, authorization and auditing — into each phase of the software development lifecycle.

A Security Professional's Guide to AI: This course introduces the details of data science in AI, its frameworks and languages and the challenges that security professionals face when working with AI development teams. Security professionals with an interest in AI including IT audit, development and operations should take this course.
The role of a cybersecurity auditor is a loaded one, akin to how a city planner from the distant past would look at the intrusion protection of the city. Of course testing for the protection of a city would be laborious. But protecting a collection of software components and systems is easier.

What if the natural separation of concerns, that is, breaking down a complex audit process into manageable, low-cost intrusion simulations, makes auditing the myriad of components and services that incorporate IT, straight forward?

Since in software, unlike any other domain, we can simulate any intrusion path and test repeatedly. This substantiates that we can test our risk analysis of different security breaches and perform tests that are commensurate with the reward of the intrusion.

Ulysses Systems is a Maritime software specialist currently pioneering fast development of new annexes to existing software, including monitoring underlying systems for cybersecurity compliance.

Read more about it HERE.
Resources from the Community
Governance, Risk and Compliance

The area defines cybersecurity strategies, consulting and regulatory alignment to security frameworks. Being certifiers of PCI SSC standards, clients are accompanied in the audit, advisory and support processes to properly manage governance and regulatory compliance. In addition, there are specialists in the analysis and identification of regulations and risks applicable to each business, the implementation of measures to mitigate them and the supervision and monitoring of regulatory compliance. More information HERE.

Businesses: Neglect cybersecurity audits at your peril

For businesses that rely on data-driven operations, undergoing cybersecurity audits is non-negotiable. These audits play a critical role in addressing security issues and ensuring compliance with laws and regulations. By thoroughly examining various aspects of the company's IT infrastructure, audits aim to safeguard data assets and enhance defences against data breaches and other potential threats. However, in an ever-evolving threat landscape, with increasingly complex environments, audits are not without their challenges. Learn more HERE.
With cybersecurity threats being more and more pervasive across IT, OT, and IoT domains, organisations are increasingly prioritising robust cybersecurity measures. In this context, the role of a cybersecurity auditor has become indispensable, being essential for assessing a company’s security posture, identifying vulnerabilities, and ensuring compliance with cybersecurity regulations and industry best practices. Learn more HERE.
Thank you for your time!

The Cybersecurity Awareness Calendar is an initiative launched by: European Cyber Security Organisation (ECSO) Avenue des Arts 46 1000, Brussels

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