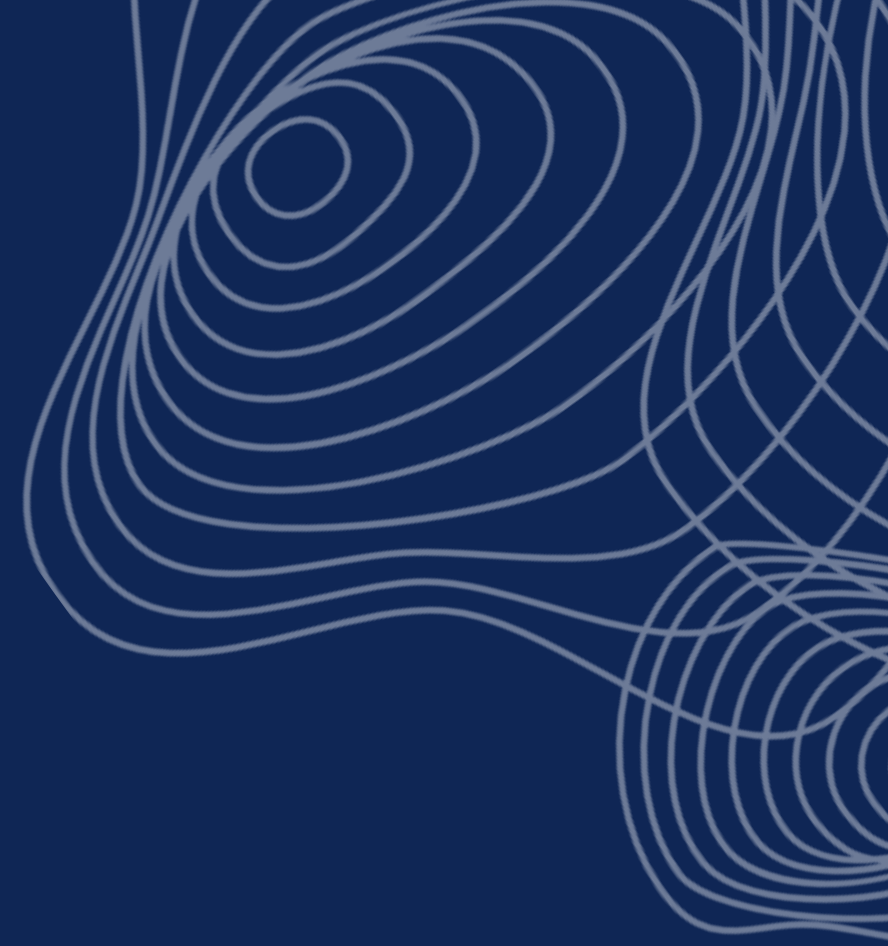


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Training Catalogue



Training catalogue

Overview

- 01 Introduction to cybersecurity concepts
- 02 Introduction to cryptography
- 03 ISO/IEC 27001 Introduction
- 04 ISO/IEC 27001 Lead Implementer (PECB)
- 05 Building secure web/mobile application
- 06 Building secure online service (APIs)

Introduction to cybersecurity concepts

This course include general introduction to cybersecurity concepts and terminologies, such as: Vulnerability, Introduction to threat modelling, Security properties (Confidentiality, Integrity, Availability), Identity & Access management, Secret Management.

Prerequisites

General knowledge of computer software & network concepts

Target audience

- Software developers (Junior/Medior)
- IT / System Administrator

Course duration

- 1/2 day (3 CPD)

Introduction to cryptography

- Symmetric & Asymmetric algorithms: Encryption, Decryption, Signature/MAC.
- Challenges of key management & distribution.
- Attack on cryptosystems (hardware, side channel, RNG, brute force).
- Applied attacks on network (TLS & Wi-Fi).
- Future of cryptography: post quantum algorithms

Prerequisites

General knowledge of security & network concepts

Target audience

- Senior developer / Tech lead

Course duration

- 1 day (7 CPD)

ISO/IEC 27001 Introduction

ISO/IEC 27001 introduction course is a summary of relevant information security concepts.

This course include an overview of the following items:

- Overview of ISO/IEC 27000 series
- ISMS requirements & Annex L (aka High-Level Structure)

Prerequisites

General knowledge of computer software & network concepts

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Target audience

- Engineering manager,
- Startup founder/director, COO/CTO
- Staff of an org during ISMS implementation

Course duration

- 1 day (7 CPD)

ISO/IEC 27001 Lead Implementer

ISO/IEC 27001 Lead Implementer training course enables participants to acquire the knowledge necessary to support an organization in effectively planning, implementing, managing, monitoring, and maintaining an information security management system (ISMS) according to ISO/IEC 27001:2022.

Note: This course uses PECB material and is provided via a PECB partner.

This course include an overview of the following items:

- ISMS requirements
- ISMS controls
- Audit & certification process

Prerequisites

General knowledge of management systems & information security

Target audience

- Project managers, Consultants, or Expert involved in ISMS project,
- Members of ISMS team.

Course duration

- 5 days (31CPD)
- Exam (3 hours)

Building secure web/mobile application

- Designing applications that are secure by design & by default: Threat Modelling.
- Identifying security vulnerabilities during the source code implementation: SAST & SCA.
- Security consideration for execution environments: Root of trust, Mobile security.
- Security operations: Secure distribution (Software update), Application monitoring, Security testing

Prerequisites

General knowledge of computer software & network concepts

Target audience

- Senior developer / Tech lead

Course duration

- 1 day (7 CPD)

Building secure online services (APIs)

- Designing secure online services: Authentication, Authorization, Session management.
- Cloud security: Identity & Access management (Oauth2 & JWT), Network security (TLS), Container security

Prerequisites

General knowledge of computer software & network concepts

Target audience

- Senior developer / Tech lead

Course duration

- 1 day (7 CPD)

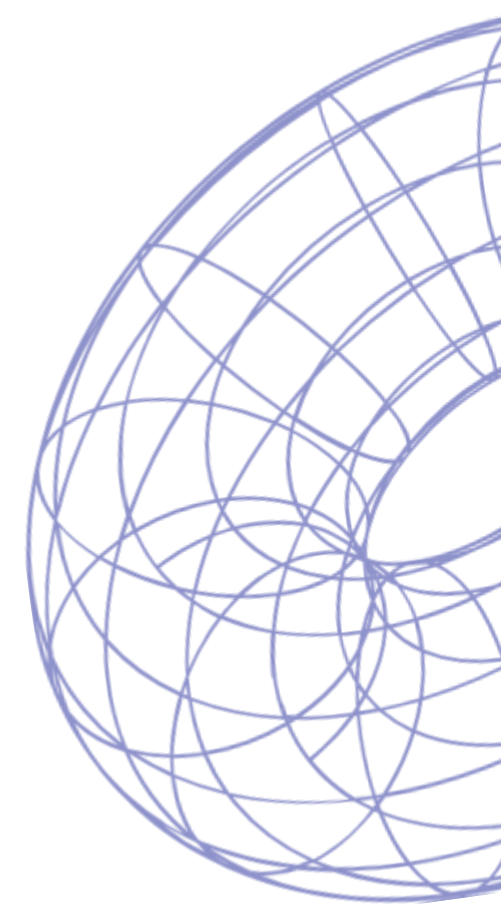
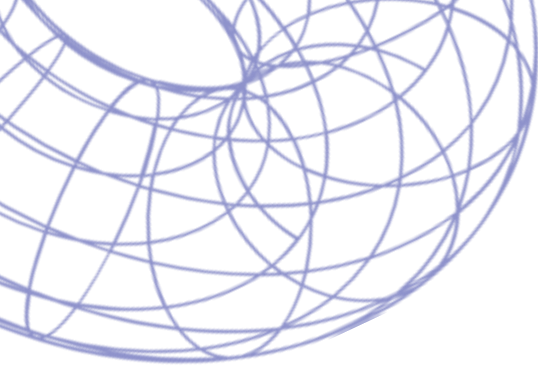
Delivery formats

On-Demand training

- Delivered live: Online or onsite
- Training content customized for the target business customers

Pre-recorded training

- Not available yet (Expected in 2024)



As cybersecurity leaders, we have
to create our message of influence
because security is a culture and
you need the business to take place
and be part of that security culture.

Britney Hommertzheim

Do you have any questions?

Let us know: We are happy to help!

CYRIS360

 Prins Alexanderplein 8, 3067 GC Rotterdam, NL

 info@cyris360.com

 www.cyris360.com

