Macrosoft

Vzdelávanie s trvalým efektom

DOCUMENT

Course syllabus

CATEGORY

Windows Server, Linux courses

TRAINING FORMAT

In Bratislava or online with a lecturer

PRICE EXCL. VAT

650,00 €

PRICE INCL. VAT

799,50 €

including 23 % VAT

PDF SYLLABUS

Windows/Server Security in the Context of ISO/IEC 27001 and 27002

Clear overview of course topics, training scope and key information.

Active Directory security in accordance with the requirements of ISO/IEC 27001 and 27002 standards. You will gain skills in aligning the existing security state of your enterprise domain with ISMS standards. You will be able to independently analyze, evaluate and propose measures in your corporate network so that they cover identified risks and eliminate undesirable events.

COURSE CONTENT

01 **Review of Information Security Basics**

In a playful form, we will review basic terms and necessary terminology from information security so that we can build on the advanced requirements of the standards. Basic legislative acts of Slovak legislation in this area.

02 **Basic Principles of the ISO/IEC 27001 Standard**

03 **Information Security Management According to ISO/IEC27001**

in the context of an enterprise domain built on Active Directory and a LAN computer network. We use the second, latest revision of standard 27001 from 2013.

04 **Procedure for Applying Recommendations According to ISO/IEC27002**

05 **Information Security Policies**

creation, examination

06

Asset Management

responsibilities, asset ownership, acceptable use, return, information classification, information labeling, media management, media disposal and transfer

07

Access Control

to the domain, information system, generally - access, registration and deactivation of users with regard to GDPR rights and obligations and Slovak legislation, privilege management, management of secret authentication data, examination of access rights, management of access to systems and applications, secure login, practical demonstrations in Windows OS, policy settings for compliance with this standard requirement, password control and management in the context of redundancy and substitutability, privileged programs

08

Cryptography Theoretically and Practically

we will not examine mathematical procedures, but from a management point of view we will focus on cryptographic measures, key management and demonstrate individual measures in the MS Windows environment.

09

Physical and Environmental Security

physical security perimeter, management of physical premises, securing offices and resources, protection against threats of the physical environment, work in a security zone, placement of devices and their protection, process from purchasing an asset/device to its secure disposal, how to manage the security of assets outside the organization

10

Operational Security

configuration management, documentation of operating procedure, change management, environment segregation, measures against malicious code, backup in administrators' daily practice, monitoring and protection of the audit log, unified time settings

11

Communication Security

security management at the network level, security of network services, network separation, information transfer, information exchange agreements, exchange of electronic messages, system change management procedures

Macrosoft

Vzdelávanie s trvalým efektom

12

Information Security Incident Management

responsibility and procedures, reporting information security events, assessment of information security events and decisions about them, legislative and technical aspects of security incidents, recommended procedure for what to do in a security incident, lessons learned from incidents

13

Information Security Continuity

continuity planning and evaluation, when redundancy is suitable, where it does and does not make sense to consider redundant sources and resources, continuity evaluation based on the company's history and current trends

---

This document serves as an informational overview of the course syllabus. Current dates, venue and availability are listed at Macrosoft.sk.

https://www.macrosoft.sk/en/courses/enterprise-domain-security-iso27002