
Security and Ethical Hacking Initiation – SEH

Description

This course is designed for technical IT who need to be concerned about security. We will provide best practices (BPA) and see how to reduce attacks and typical intrusion technics for Windows OS workstation and servers.

Classroom Registration Price (CHF)

2300

Virtual Classroom Registration Price (CHF)

2150

Course Content

Module 1: The basis of security Module 2: Monitor software Module 3: Security Policies Module 4: Secure Data
Module 5: Secure application Module 6: Encryption Module 7: Secure Network Module 8: Secure Browsers

Lab / Exercises

Lab 1: bitlocker, UAC, Patch, SmartScreen, Inventory, LAPS Lab 2: Windows Memory, Resource Monitor, PerfMon, Msconfig, Task Manager, SysInternals, SIW Lab 3: MSCM, Office Security Guide, & 4 Bit, MBSA, LAPS Again, Attack Surface Analyzer, EMET, PTH, MimiCatz Lab 4: MRI, RansomWare, SIGNAL, CuBEOS Lab 5: SCCM WSUS, EMET, MOICE Lab 6: EFS Bitlocker Lab 7: 802, IPSEC, Firewall, LDP Lab 8: IE, Chrome, Firefox

Documentation

- Digital courseware included

Participant profiles

- IT Technical users
- Security administrators
- Servers administrators

Prerequisites

- Basic Networking Windows administration
- Basic understanding of SSL encryption and certificates

Objectives

- Understand the security best practices and what to do or not
- How to use tools to monitor your computer
- Use security for compliance and password generation
- Use surface analyser solution
- Protect from 0-day intrusion and PTH
- Alternatives and Competitors of bitlocker
- Protect application with Applocker and Moice
- Secure Network
- Secure Browser

Niveau

Fondamental

Duration (in Days)

3

Reference

SEH