# IT Security Training: Advanced Hacking and Intrusion Detection (AHAID, 4 jours)

## Description

The course Advanced Hacking and Intrusion Detection (IT Security Training) explores advanced hacking from an offensive security perpsective. The course covers hacking with Metasploit and discussed common attack techniques including SQL Injection, Cross-Site Scripting, Phishing, Spoofing & more. The training also discusses how to plan & implement an Intrusion Detection System together with the design & implementation of related IT security processes including Incident, Problem, Event and IT Security management.

## Tarifs

- Tarification: $3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

## Plan de cours

The hacking Lifecycle

   The Critical Role of Social Engineering

   Using Metsaploit: Review and Consolidation

   Information Gathering Tools and Techniques

   Surveying the Target Environment

   Performing a Vulnerability Assessment

   Using Metasploit to Gain a Foothold

   Escalating your Privileges

   Maintaining Access

   Hacking Common Services

Advanced Hacking Techniques

   Using Phishing and Other Email Strategies

   Performing a Web Site / Service Vulnerability Assessment

   Using Email and Temporary Web Servers to Gain Access

   Attacking Web Applications and Services using SQL Injection

   Attaching Web Applications and Services using Cross-Site Scripting

Protecting your Web Assets

   Preventing SQL Injection Attacks

   Protecting XSS Attacks

   Locking down Web Services and Applications by Removing Headers

   Making use of SSL and HTTPS

   Using Authentication and Authorization in Web Assets

   Disabling Weak Ciphers

   Deploying Assemblies and Setting the Configuration

Intrusion Detection

   The role if Intrusion Detection vs Authentication and Authorization

   What Intrusion Detection Can and Cannot Provide

   The Types of Intrusion Detection: NIDS, NNIDS and HIDS

   Where IDSs Should be Positioned

   The Critical Role of Processes

   Incident, Problem and Event Management Processes

Implementing an IDS