

# SEAL Training: VASCO Hacking & Penetration Testing

Replication of Real-Life Hacker Attacks to Determine System Vulnerabilities.

## ACQUIRED SKILLS & KNOWLEDGE

The “VASCO Hacking & Penetration Testing” course will teach students how to scan, test, hack and secure their own systems. Intensive lab demonstrations will provide each student with comprehensive knowledge and practical experience using their current security system. The course will instruct students how to perform footprinting and reconnaissance; thereafter the focus will be on hacking and defending wireless devices, modems, web servers and web applications. Additionally, you will learn how to hack and defend Windows and Unix systems.

## MAIN TOPICS

- Footprinting
- Hacking and defending techniques
- Rootkits, backdoors
- Denial of services and botnets
- Automated penetration testing
- Intrusion detection systems

## OUR FORMAT

VASCO offers training courses, seminars, and workshops along with individual consulting services in IT Security to fit individual needs of our customers.

- Web-based e-Learning
- DVD: 2 DVDs
- Total duration: 16 hrs.

## OUR EXPERTISE

VASCO has over 15 years of extensive experience in the IT security and authentication market. Now we are proud to share this knowledge with our customers. Whether you would like to know more about the current security challenges and threats in e-Banking, e-Commerce, or Network Security, or if you need a more comprehensive explanation about your current implementation, VASCO is there to assist you.

## ADDRESSED QUESTIONS

At the completion of the “VASCO Hacking & Penetration Testing” e-learning course, you will be able to answer the following questions:

- Explain enumeration and verification
- What are sniffers and their role in session hacking?
- Explain how you can defend your Windows or Unix systems
- Name the different types of rootkits
- Explain how you can defend your web applications?
- Explain IDS

## TARGET AUDIENCE

Students will learn how to scan, test, hack and secure their own systems. The goal is to look for vulnerabilities and risk areas simulating the same threats as presented by the potential intruders.



## SEAL OFFERING

VASCO's Security Experts Academy & eLearning platform (SEAL) proudly hosts a worldwide community of security professionals. As a security company, we consider it our duty to keep up with the current and emerging IT security trends and online attacks, and spread this knowledge to our customers, partners, and anybody who needs our advice.

## OVERVIEW OF THE VARIOUS MODULES

### VASCO Product Overview

Ideally suited for Sales Managers and Product managers who would like to learn the VASCO product line.

### VASCO Product Details

Provides Product Managers and Engineers with detailed review of the VASCO product line.

### Security Overview Training

Security Overview training provides a good introduction to anyone who is new to the security industry, offering a high level overview of the most important security topics.

### Web Security In-Depth Training

Ideally suited for IT professionals who manage web servers on a daily basis or Web Developers who wish to learn how to secure websites and web servers.

### PKI In-Depth Training

Focuses on design, setup, deployment and management of a Public Key Infrastructure (PKI).

### Certified Ethical Hacking

Certified Ethical Hacking equips you with the necessary knowledge to attack a security system on behalf of its owner, seeking vulnerabilities that a malicious hacker could exploit using the same methods as your less ethical counterparts.

### Hacking and Penetration Testing

This course will teach students how to attack a security system on behalf of its owner for vulnerability and risk analysis, simulating the same threats as presented by potential intruders.

### Digital Forensics

After having completed this course, students will be able to obtain the necessary digital evidence after a Computer Forensic Incident, allowing them to perform an in-depth analysis of the incident and present the obtained data.

### Content Security

After completion of this course, participants will have the necessary background knowledge on Content Security, including viruses, malware and critical defense mechanisms. The participants will be equipped with the knowledge to make informed decisions when implementing virus or malware defense systems.

### eBanking Fraud Schemes

Students who have completed this course will have a good understanding of common online banking attacks and different solutions available to combat such attacks.

To learn more about SEAL please visit us at:

[www.vasco.com/seal](http://www.vasco.com/seal)

## About VASCO

VASCO designs, develops, markets and supports patented DIGIPASS®, DIGIPASS PLUS®, VACMAN®, IDENTIKEY® and aXsGUARD™ authentication products for the financial world, remote access, e-business and e-commerce. With tens of millions of products sold, VASCO has established itself as the world leader in Strong User Authentication for e-Banking and Enterprise Security for blue-chip corporations and governments worldwide.

## [www.vasco.com](http://www.vasco.com)

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