

Training:

TLS in the enterprise

Date of the training: **March 16-17, 2020** in Heidelberg, Germany

Book now using the voucher code: **TR20_HMTS** and save an additional 5% of the current valid rate of any package!

Overview

In our training we will cover attacks against TLS/SSL in theory and in practice, discuss their relevance for the enterprise and talk about reasonable mitigating controls. The training will demystify TLS/SSL Security, because today it seems to be hard to run a secure TLS configuration without breaking functionality.

After some basic introduction about history and cryptology we will dig into certificate problems, crypto attacks, work with most important tools and walk through the common SSL vulnerabilities. We will explain each vulnerability, do a demo or hands-on if possible, discuss relevance and pitfalls within the enterprise context and give recommendations for mitigating controls (e.g. example configs for Apache, Nginx, IIS, Tomcat, Jboss).

And don't forget to bring a laptop with administrative privileges, this is a hands-on training and you have to install tools, if you would like to participate in the exercises.

Prerequisites

- Basic knowledge about networking and protocols (tcp, udp, http, smtp)
- Working with linux/*nix on the command line
- Basics about configuration of web, mail and application servers

Requirements

- Laptop with administrative privileges
- VirtualBox or VMWare Player installed
- SSH client

About the Trainers:

Michael Thumann is Lead Architect at ERNW SecTools GmbH for the Active Directory audit tool DirectoryRanger. He has published security advisories regarding topics like 'Cracking IKE Preshared Keys' and Buffer Overflows in Web Servers/VPN Software/VoIP Software. Michael enjoys sharing his self-written security tools (e.g. 'tomas - a Cisco Password Cracker', 'ikeprobe - IKE PSK Vulnerability Scanner' or 'dnsdigger - a dns information gathering tool') and his experience with the community. Besides numerous articles and papers he wrote the first (and only) German Pen-Test Book that has become a recommended reading at german universities.

In addition to his daily tasks he is a regular conference-speaker (e.g. Troopers, Blackhat, HITB and RSA Conference) and has also contributed exploit code to the Metasploit Framework. With more than 20 years of experience in computer security Michaels' main interest beside his daily work is to uncover vulnerabilities and security design flaws from the network to the application level and reverse almost everything to understand the inner working.

Booking

Recommended online booking of trainings through:

<https://troopers.de/tickets/>

Voucher code: TR20_HMTS

Using this voucher code automatically gives you an additional 5% off the current valid price! You can register with this code until seats have run out.

Contact

Need assistance? Don't hesitate to call us. We are fluent in English and German.

+49 151 16228365 or info@troopers.de

Booking is also possible offline through your trusted partner:

HM Training Solutions, Falkenstrasse 6, 63820 Elsenfeld, Germany

+49 6022 508200 / info@hmtrainingsolutions.com

+49 6022 5089999 / www.hmtrainingsolutions.com