

# Training:

## Hacking 101

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

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### Overview

This two-day workshop gives an insight to a broad variety of hacking techniques. Experts from ERNW will show you everything from basic principles up to common and more advanced tricks to break current security mechanisms. The subjects of this workshop will cover network security, low-level software exploitation, reverse engineering, web application hacking and more.

As an attendee, you will learn to think and act with the mindset of an attacker. Understanding their routine, tools, and procedures will enable you to gain a novel outside perspective onto your current setups and deployments. With this knowledge, you will find yourself capable of locating and addressing the most pressing threats faster and more efficiently.

This session is brought to you by seasoned experts from ERNW. With loads of experience in the field, penetration testing is said to be their favorite discipline in the world of IT security.

### Who should attend this training?

This workshop is for beginners in the IT security field as well as professionals who want to get more practical experience in hacking and penetration testing.

## Prerequisites

Attendees should have a brief understanding of TCP/IP networking and should be familiar with command lines on Linux systems. Also, being familiar with a programming/scripting language is considered useful.

## Requirements

- Bring your own laptop with administrative privileges, including pre-installed VirtualBox (VMware Workstation or VMware Player should work too). If your laptop doesn't have an Ethernet port, please bring an USB Ethernet Adapter with you, if possible.
- Basic knowledge of networking and working with command lines (especially on Linux) is strongly recommended, but not required. Also, being familiar with a programming/scripting language is considered useful.

## About the Trainers:

**Sven Nobis** works as a Security Analyst at ERNW GmbH, performing application and infrastructure assessments. He is mainly focusing on web application security and cloud infrastructure security. Besides IT security, he is a passionate developer and trying to link his experiences to the everyday work.

**Julian Suleder** is a Security Researcher and Penetration Tester at ERNW Research GmbH. His special research interest is the security of medical devices as he holds a master's degree in medical informatics from Heidelberg University and Heilbronn University. Besides his studies, he worked as Academic Assistant at Heilbronn University and taught the concepts of the risk-driven approach for the specification of requirements for the reliability and information security of complex systems, as well as methods and techniques for safe design and safe development of software.

## Booking

Recommended online booking of trainings through:

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## Contact

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

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**Booking is also possible offline through your trusted partner:**

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