

# Training:

## Exploitation on ARM based Systems

Date of the training: **March 12-13 ,2018** in Heidelberg, Germany

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YOUR TRAINERS: **SASCHA SCHIRRA AND RALF SCHAEFER**

### Description

This two day workshop will teach the participants how to exploit vulnerabilities in ARMbased environments on modern Linux systems. At the beginning the ARM Architecture will be introduced, followed by exercises involving the exploitation of classic stack based buffer overflows. Furthermore, the participants will learn about modern defense mechanisms such as W^X and ASLR and possibilities to bypass them.

### REQUIREMENTS:

- A laptop that is capable to run a Kali VM. At least 4 GB of RAM and 30 GB free disk space.
- Basic experience with a scripting language such as Python, Ruby or Perl is recommended.

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## WHO SHOULD ATTEND THIS TRAINING?

Penetration Testers and IT Security professionals that want to learn more about the ARM Architecture and low level security in ARM Environments and want to understand the meaning of Stack Cookies, W^X, ROP, ASLR.

## About your trainer: SASCHA SCHIRRA

Sascha Schirra is a german independent Security Consultant and Penetration Tester with more than 6 years experience in breaking binaries and exploit development.

## About your trainer: RALF SCHAEFER

Ralf works as a Security Analyst. He is an enthusiast in breaking software and has experience in reverse engineering and exploit development for different architectures.

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## Booking

Recommended Online Booking of Trainings Through:

Sign-Up Form <https://www.troopers.de>

Voucher code: **TR18HMTSEB**

Using this voucher code automatically gives you an additional 5% off the current valid price! You can register with this code up until March 11th, 2018 or until seats have run out.

## Contact

Troopers Organization Team

**Need assistance?**



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

Zögern Sie nicht uns zu kontaktieren. Wir sprechen fließend Englisch und Deutsch.

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



**HM Training Solutions**, Falkenstrasse 6 , 63820 Elsenfeld, Germany



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