

# Training:

## Secure CI/CD Pipelines

Date of the training: **March 18–19, 2019** in Heidelberg, Germany

Book Now using the voucher code: **TR19\_HMTS** and save an additional 5% of the current valid rate of any package!

### Overview

Modern agile development processes often comprise the keywords Continuous Integration/Delivery/Deployment (CI/CD). By implementing those concepts (especially in combination with automation), continuous security can be integrated into development lifecycles, as well as time to delivery significantly reduced. In this workshop attendees will learn how to use the novel concepts CI/CD including the associated risks and possibilities. The following questions will be treated:

- What is hidden behind the keywords Continuous Integration/Delivery/Deployment, Microservices and Docker?
- Which technical challenges and possibilities do those approaches implicate?
- How can security related topics (i.e. automated tests or vulnerability scans) be integrated into pipelines?
- How can those modern concepts and tools be secured against attacks?

At the end of the training, each attendee will have knowledge about the described technologies and tools in the context of Continuous Integration/Delivery/Deployment. The workshop consists

of theoretical basics and practical examples, in which a fully functional CI/CD pipeline is built and secured.

## Requirements

- Basic knowledge of the Linux bash and a command line-based text editor (e.g. nano or vim).
- A system with WLAN and an SSH client (i.e. PuTTY) which is able to connect via SSH to systems in the Internet.
- A system with an administrative user to install the required tools (a virtual machine with Windows 10 is recommended).

For the exercises, we provide the server systems of the needed infrastructure in a cloud environment which the attendees can connect to via SSH. Additionally, a (virtualized) client system with administrative access is required to setup the development environment per attendee.

## About the Speaker: Kevin Kelpen

Kevin Kelpen works as a security analyst at ERNW. His daily work covers a broad range of areas including assessing the security posture of large environments, performing traditional consulting, and investigating systems thoroughly and pushing them to their limits, of course, only on behalf of his customers ;). During his research time, he enjoys tackling tricky and highly technical problems for assessing the security of complex systems from high-level cloud services down to their underlying hypervisors. From an academic perspective, he holds a M.Sc. degree in IT Security from Technical University of Darmstadt and collaborated with the Fraunhofer SIT in several research projects.

## About the Speaker: Simon Lipke

Simon Lipke completed his bachelor and master studies in the areas of information technology and IT security at the Stuttgart Media University. He works as Security Analyst at ERNW GmbH with focus on Pentesting, DevOps and Cloud. He also audits and advises big and very big companies in the area of IT security.

## Booking

Recommended Online Booking of Trainings Through:

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

Voucher code: **TR19\_HMTS**

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, 2019 or until seats have run out.

## Contact

**Need assistance?** 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.

### **Troopers Organization Team**

+49 151 16228365 or [info@troopers.de](mailto:info@troopers.de)

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



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

+49 6022 508200 / [info@hmtrainingsolutions.com](mailto:info@hmtrainingsolutions.com)

+49 6022 5089999 / [www.hmtrainingsolutions.com](http://www.hmtrainingsolutions.com)