

## ADVANCED WEB HACKING

### OVERVIEW

Tired of alert(1)? You think there is more to life than running Burp scanner? You went through PentesterLab's exercises and thought "I WANT MORE!!"? This training is for you!

This 2-day training will get you to the next level. We will look into CORS, WebSockets, the exploitation of vulnerabilities published in 2014 (Struts RCE, Rails', Heartbleed...). We will also get shells using serialisation in multiple languages and find vulnerabilities that you may have missed in the past.

After a quick overview of what you need to know to attack web applications, we will directly jump to the interesting stuff: hands-on training and real attacks. The class is a succession of 10 minute explanations on what you need to know, followed by hands-on examples to really understand and exploit vulnerabilities.

After the training, you go home with the course (slides based), the detailed version of the course (in-depth walk-through), and the systems to be able to play and refresh your memory!

### SYLLABUS

- Cross-origin resource sharing
- WebSockets
- Struts RCE
- Multiple Serialisation attacks (PHP, Python, Java)
- Jboss web-console
- Blind XML entities attacks
- Heartbleed
- Tricky SQL injections

### ABOUT THE TRAINERS

Louis Nyffenegger is an experienced and sought-after security consultant specialising in web penetration testing. He is a regular guest speaker at local security conferences including Ruxcon and Owasp, and has conducted a web application security training at both conferences. In his spare time Louis helps set up Ruxcon's Capture the



Flag competition. In 2011, Louis started PentesterLab, a company specialising in security training. Recently, Louis published Bootcamp, a learning path for getting into penetration testing.

Luke Jahnke is the creator of Bitcoin CTF, one of the hardest CTF dedicated to web security. He is a regular guest speaker at local security conferences. After working as a web developer, Luke moved to security and has been popping shells for several years now.

### PRE-REQUISITE INFORMATION

*Each class has prerequisites for software and a laptop is mandatory. Some classes also require students have prior knowledge. Please check individual class pre-requisites on the website for more information.*

<b>Trainers</b>	Louis Nyffenegger & Luke Jahnke	
<b>Dates</b>	October 6-7, 2014	
<b>Level</b>	Advanced (Web)	

### REGISTRATION FEES

<b>Early Bird</b>	\$2,200	Ends June 30, 2014
<b>Regular</b>	\$2,530	Ends July 31, 2014
<b>Late</b>	\$2,860	Starts August 1, 2014

Prices include GST

**Click here for more information or to register for this Breakpoint Training Session**

**REGISTRATION WILL CLOSE ON OCTOBER 1, 2014**