



Compass Security AG

Provider of Hacking-Lab

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Professional Security Lab



HACKING-LAB

REMOTE SECURITY LAB FOR UNIVERSITIES

www.hacking-lab.com

www.swisscyberstorm.com

REMOTE SECURITY LAB FOR UNIVERSITIES



www.hacking-lab.com

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Learn more about Hacking-Labs professional Remote Security Lab for **Universities**. The services are used by several international universities and „Fachhochschulen“ alike to enrich theory modules with practical exercises. Your advantage: concurrent development of new lab cases, including an easy to use web app for students and teachers. Buy a university license (flat rate, unlimited number of classes, cases and students) for **EURO 3000.-- / Year**.

It's hard to explain the benefit of Hacking-Lab, because most universities have some sort of lab already. But we know from our partnering educational institutions, they love the „Send Solution“ application the student uses to submit the solution and the Accept/Reject app for the teacher. Moreover, the teacher has some extra options, including solution videos, solution step-by-step descriptions and more ... **Evaluate Today!**

IT SECURITY LAB CASES



Compass Security AG incorporated a **wide range of security training lab cases (challenges)** into the Hacking-Lab environment.

Hacking-Lab provides cases in the following categories:

- * Web Hacking Basic
- * Network Penetration Test
- * Forensics
- * Crypto Challenges
- * Web Hacking Advanced
- * Exploiting Server based Computing (Citrix)
- * iPhone Security - Mobile Security
- * Reverse Engineering



FEATURE OVERVIEW

Take a brief look through the features of Hacking-Lab. The portal provides essential features to teach your classes. This includes user sign-up, user-to-event registration, case-to-event configuration as well as start-, end-, application to a class attributes. used by several international universities and „Fachhochschulen“ alike to enrich theory modules with practical exercises.

AVAILABLE FEATURES IN HACKING-LAB

- + Student: Challenge description (step-by-step)
- + Student: Challenge description (wargame style)
- + Student: LiveCD for easy access to the lab
- + Student and Teacher: Solution Management Application
- + Teacher: Solution description (step-by-step)
- + Teacher: Solution movie (flash movie)
- + Teacher: Theory modules (PDF or Power Point)
- + Teacher: Per training ranking page
- + Teacher: Per training awards
- + Hacking-Lab certification programm

www.hacking-lab.com

02

UNIVERSITY LICENSE

HACKING-LAB
UNIVERSITY

HACKING-LAB FOR UNIVERSITIES / FLAT RATE

The University Site License includes all available Hacking-Lab cases for an unlimited number of students and classes.

Costs: **EURO 3000/ Year** **University Fee**

* teacher training is not included.

OTHER LICENSING MODELS

Check out the licensing models below and choose from the available options. This flyer is referring to the „Hacking-Lab for Universities“ license. Find out the details of the other available licensing models if interested.

- * **Hacking-Lab for Universities** <http://www.csnc.ch/misc/files/2011/hl-remote-for-universities.pdf>
- * **Hacking-Lab for Consultants** <http://www.csnc.ch/misc/files/2011/hl-remote-for-consultants.pdf>
- * **Hacking-Lab for Staff Trainings** <http://www.csnc.ch/misc/files/2011/hl-remote-for-staff-trainings.pdf>
- * **Hacking-Lab for Conferences** <http://www.csnc.ch/misc/files/2011/hl-remote-for-conferences.pdf>

HACKING-LAB PRE-REQUIREMENTS

„Event Management“ – All participants of Hacking-Lab need to register a Hacking-Lab account. This user will then be assigned to the University class/course. We will accept the users privacy requirements and we will not sell the e-mail addresses to third parties. Students shall give random nicknames to hide their identity.

„LiveCD“ – Hacking-Lab provides a free Hacking-Lab LiveCD as a standardized client infrastructure. Our LiveCD is constantly being revised as well as updated monthly. The usage of the LiveCD is not a must, you can use your own preferred client workstation. Most universities run the LiveCD in VirtualBox software.

„Virtual Windows Client Infrastructure“ – Some challenges require Microsoft Windows as client workstations or physical access to the lab environment. We are providing a virtual client workstation that is bridged to the lab network. This is especially important for layer2 security labs and similar.

„Hacking-Lab Certification Program“ – Hacking-Lab will perform a monthly online Hacking-Lab certification program. If you encourage and register your students for the certification test, we will recredit EURO 50 per registered student to your balance. The student will receive the official Hacking-Lab certificate in case of success.

Hacking-Lab Certification

+ Certified Hacking-Lab Web Expert

+ Certified Hacking-Lab Pentester

+ Certified Hacking-Lab Malware Analyst

„Partner Certification Program“ – You can set up your own certification program. This option is available in the PROFESSIONAL and ADVANCED Package. You can define the levels of your awards yourself - including the award image.

„Hacking-Lab Teacher Program“ – In order to train your teacher how to use Hacking-Lab and the available security challenges, theories and solutions, we provide a teacher training. This training is mandatory if you plan to license Hacking-Lab and will be scheduled and performed in CH-8645 Jona, Switzerland. Costs per teacher: EURO 800.



SWISS CYBER STORM 3

Hacking-Lab was used as the the core infrastructure at the Swiss Cyber Storm 3 Wargame Challenges in May 2011. The group „int3pids“ from Spain won the first prize: a new car worth USD 30'000.--. This was fun! Check out the picture gallery of SCS3.

<http://www.swisscyberstorm.com/>



HACKING-LAB TRAININGS - HACK&LEARN - TV SPOTS

Lucerne University of Applied Sciences and Arts

HOCHSCHULE
LUZERN

FACHHOCHSCHULE
GIESSEN
FRIEDBERG
UNIVERSITY OF APPLIED SCIENCES

ISACA®
Serving IT Governance Professionals
Switzerland Chapter

HOCHSCHULE
FURTWANGEN
UNIVERSITY HFU

HSR
HOCHSCHULE FÜR TECHNIK
RAPPERSWIL

it
sa
Die IT-Security-Messe

HOCHSCHULE DER MEDIEN

SF IOVORIO

Galileo

LIVECD

„Hacking-Lab LiveCD“ – The LiveCD provides a standardized Hacking-Lab client infrastructure for the Remote Security Lab! Give it a try! It's cool and comes as LiveCD ISO image or VirtualBox appliance. You can solve most cases in Hacking-Lab using the LiveCD. The OpenVPN starter icon makes your life easier and connects you right away to the lab.



- + Firefox + Web Security Plug-ins
- + OWASP ZAP Inspection Proxy Plug-in
- + Google Chrome and WebSecurify
- + Latest Metasploit environment

Download Free LiveCD (VirtualBox Appliance or LiveCD ISO)
<http://media.hacking-lab.com/largefiles/livecd/>

Remote Internet Security Lab

Benefit from a large set of IT Security Challenges & Hands-On Puzzles

- + Hacking-Lab for Universities - add some cool hands-on labs to your lecturing talk
- + Hacking-Lab for Consultants - demonstrations, trainings, live hacking
- + Hacking-Lab for Staff Trainings - train your staff in-house with our lab
- + Hacking-Lab for Conferences - add CTF, wargames, hacking challenges

What makes Hacking-Lab unique?

Teacher View - Student View - Solution Management - Solution Movies - Theory

- + Teacher has access to more than 100 existing hands-on labs
- + Teacher manages his/her own course, user registration, start and end date
- + Student solves the given hands-on labs and submits the solution to the teacher
- + Teacher accepts or rejects the solution and gives solution points to the student
- + Solution management app is like an „issue tracking app“ - sending and replying solutions
- + Student receives points from teacher - the global ranking and avatar skills get updated
- + Teacher can set up its own certification programm

Reference of Hacking-Lab

ISACA Training | FH Giessen University | Web Developer Training | Swiss Cyber Storm I, II, III

- + FH Giessen (Germany) uses Hacking-Lab as a Remote Security Lab (EURO 3000 / year)
- + ISACA Web Security Lab is based on Hacking-Lab
- + ISACA Network Penetration Testing Lab is based on Hacking-Lab
- + ISACA Wireless Security Lab is based on Hacking-Lab
- + ISACA Mobile Security Lab is based on Hacking-Lab
- + More than 1000 developers were trained with Hacking-Lab hands-on cases (Company Training)
- + Hack&Learn in Furtwangen Germany
- + Hack&Learn at University Stuttgart Germany
- + CAS and MAS course at the University of Applied Sciences Lucerne
- + Bachelor of Science students at the University of Applied Sciences Rapperswil
- + Hacking-Lab is the core for Swiss Cyber Storm I, II, III

Try Hacking-Lab! Ask for an evaluation - we will setup an evaluation training for you!
info@hacking-lab.com

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<http://www.cyber-tycoons.com>