

Hacking Lab Challenges

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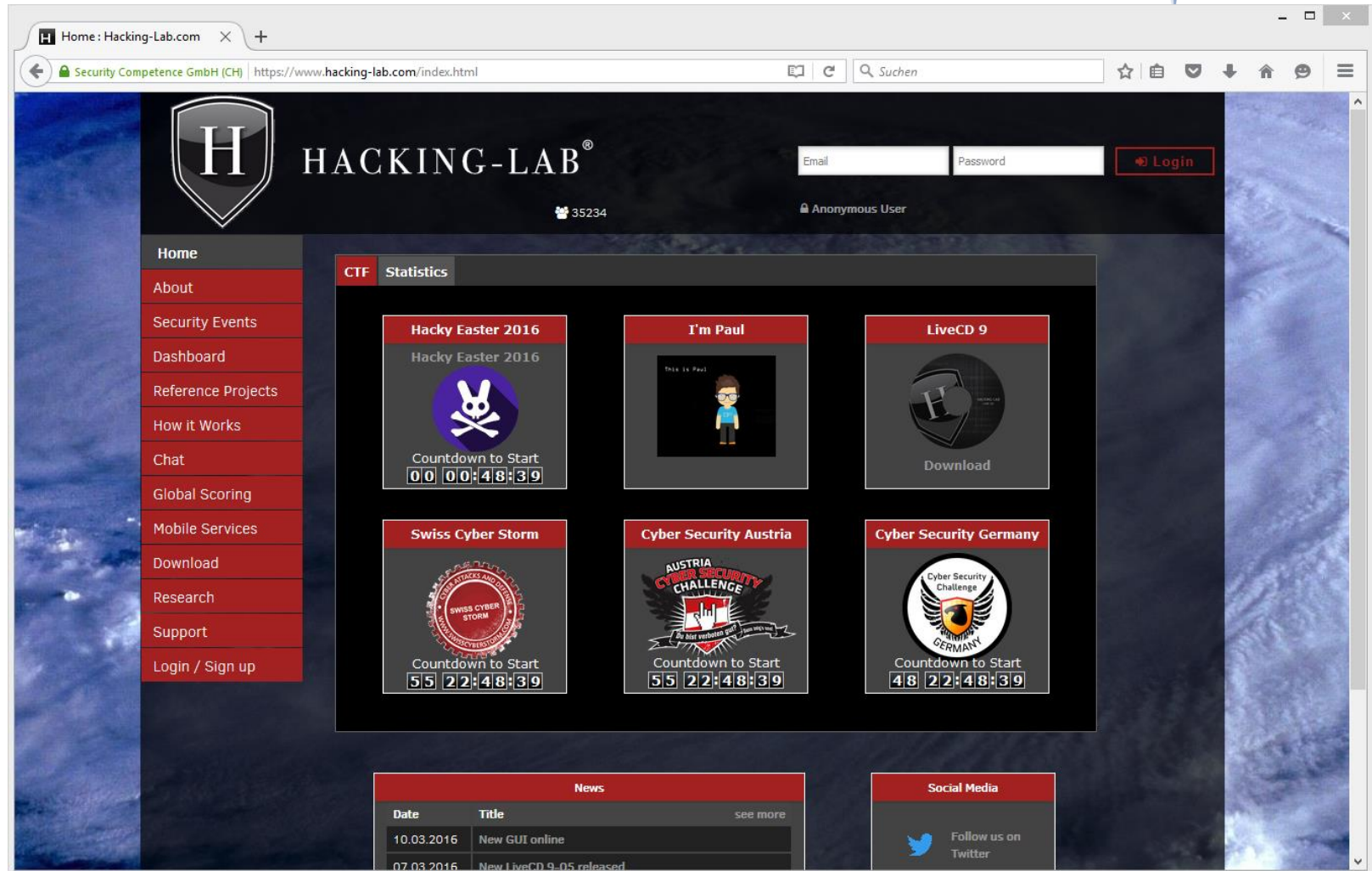
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A laboratory to try hacking techniques

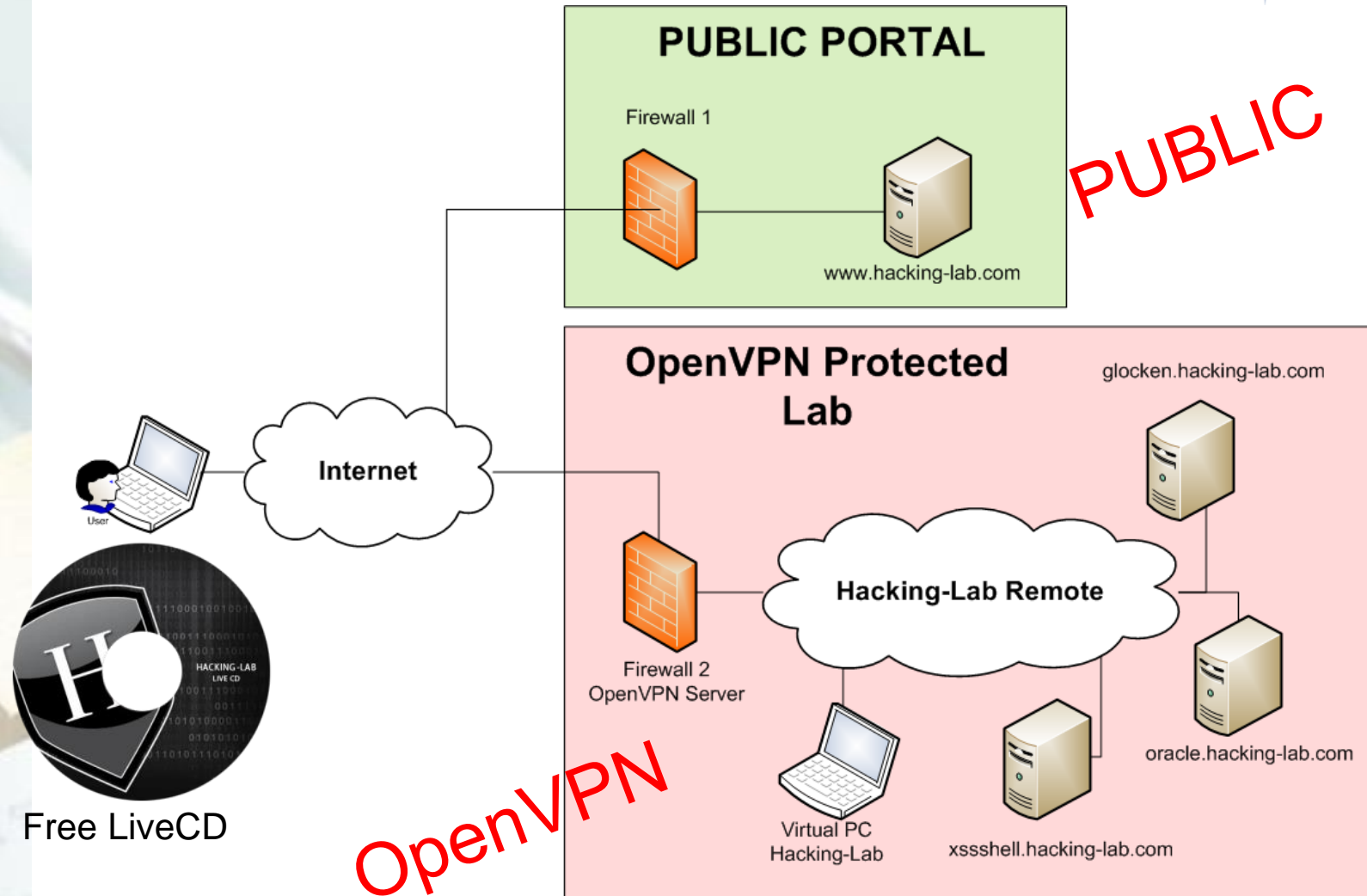
Accessible via VPN

LiveCD: Bootable Hacking Linux Distribution

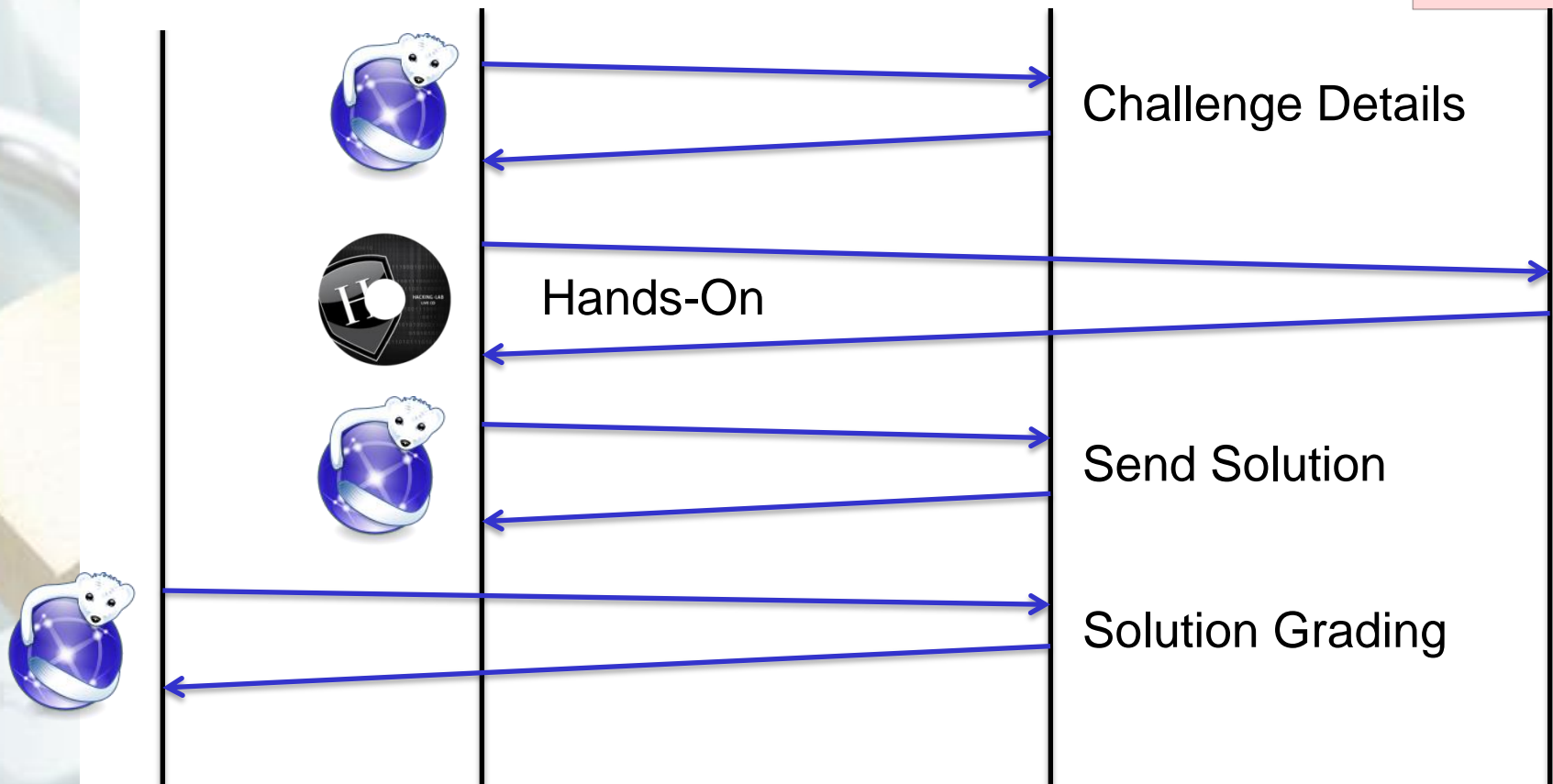
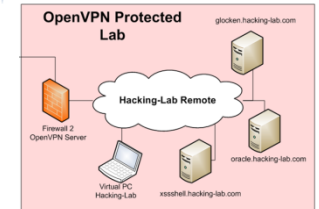
- ✦ Based on Kali Linux
- ✦ Also as virtualbox image

A screenshot of the Hacking-Lab website in a web browser. The browser's address bar shows "https://www.hacking-lab.com/index.html". The website has a dark theme with a blue and white background image. At the top, there's a navigation bar with the "HACKING-LAB" logo, a user login section with "Email" and "Password" fields, and a "Login" button. Below the navigation bar, there's a sidebar with a red menu containing links like "Home", "About", "Security Events", "Dashboard", "Reference Projects", "How it Works", "Chat", "Global Scoring", "Mobile Services", "Download", "Research", "Support", and "Login / Sign up". The main content area is titled "CTF Statistics" and features six challenge cards: "Hacky Easter 2016", "I'm Paul", "LiveCD 9", "Swiss Cyber Storm", "Cyber Security Austria", and "Cyber Security Germany". Each card displays a logo, a title, and a "Countdown to Start" timer. At the bottom, there's a "News" section with a table of recent updates and a "Social Media" section with a Twitter link.

Hacking-Lab Architecture



Working with Hacking-Lab



Running Events (Classrooms)

A screenshot of the Hacking-Lab website. The browser address bar shows "Events : Hacking-Lab.com" and the URL "https://www.hacking-lab.com/events/". The website has a dark theme with a blue and white background image. On the left is a red sidebar menu with items: Home, About, Security Events (highlighted with a blue box and an arrow pointing to the "Running Events" tab), Dashboard, Reference Projects, How it Works, Chat, Global Scoring, Mobile Services, Download, Research, Support, and Login / Sign up. The main content area is titled "Security Events" and has three tabs: "Running Events" (active), "Upcoming Events", and "Past Events". Below the tabs is a table with the following data:

Startdate	Event	Location	Status	
2008-09-02	Hacking Hacking-Lab	Internet	Register now	8991
2011-07-13	Hacking Challenge	Internet	Register now	9733
2011-11-11	OWASP Top Ten	Global	Register now	7935
2012-07-19	OWASP Hackademic Challenges	Internet	Register now	4344
2014-01-12	OWASP WebGoat Training	Internet	Register now	2677
2014-07-02	Hacking-Lab for Beginners	Internet	Register now	6249
2016-02-08	Hacky Easter 2016	Internet	Register now	986

The footer of the page says "Copyright © Hacking-Lab 2016".

Challenge Types



Challenge Type:

- Web Security
- Crypto
- Pentesting
- Fun

A screenshot of the Hacking-Lab website. The page has a dark theme with a blue and black background. On the left is a red sidebar menu with various navigation links. The main content area is titled "Hacking Challenge" and displays a table of challenges. A blue arrow points from the "Challenge Type" list on the left towards the "Topic" column of the challenge table.

Topic	Type	Name	Level	Points	Status	Solved by	Solution
	WS	3042 Heartbleed OpenSSL		0/20	✓	82	
	WS	5020 Password protected ZIP		0/10	✓	1047	
	WS	5138 Escape from Python City		0/10	✓	103	
	WS	7002 Linux Security: Got Wurzel		0/10	✓	312	
	WS	7002 Linux Security: Got Root		0/10	✓	100	
	WS	7015 Crypto Analysis Classical Ciphers		0/10	✓	96	
	WS	7039 Music Hero		0/20	✓	65	
	WS	7041 Struts2 Vulnerability		0/30	✓	56	

Challenge Description



Challenge Description:

- Your mission
- Your job

A screenshot of the Hacking-Lab website. The page has a dark blue header with the "HACKING-LAB" logo and a navigation menu on the left. The main content area is titled "Hacking Challenge" and displays a table of challenges. A blue arrow points from the text "Your mission" in the list to the "Name" column of the challenge table.

Topic	Type	Name	Level	Points	Status	Solved by	Solution
🔒	WS	3042 Heartbleed OpenSSL	🔒	0/20	✓	82	📧
🔒	WS	5020 Password protected ZIP	🔒	0/10	✓	1047	📧
💻	WS	5138 Escape from Python City	🔒	0/10	✓	103	📧
🐧	WS	7002 Linux Security: Got Wurzel	🔒	0/10	✓	312	📧
🐧	WS	7002 Linux Security: Got Root	🔒	0/10	✓	100	📧
🔒	WS	7015 Crypto Analysis Classical Ciphers	🔒	0/10	✓	96	📧
🔒	WS	7039 Music Hero	🔒	0/20	✓	65	📧
🔒	WS	7041 Struts2 Vulnerability	🔒	0/30	✓	56	📧

Challenge Levels



Levels:

1. Easy
2. Intermediate
3. Advanced

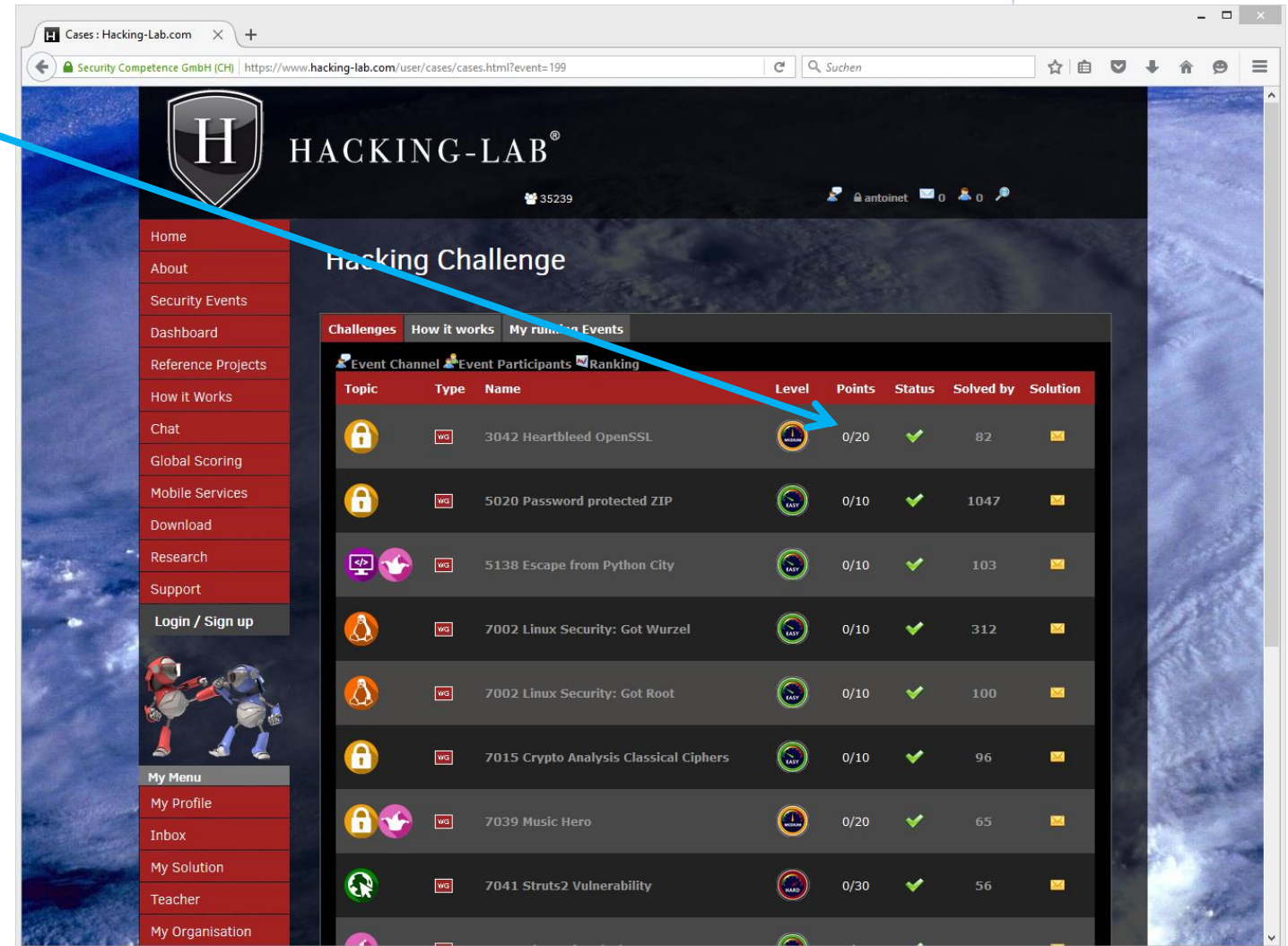
A screenshot of the Hacking-Lab website. The page has a dark blue header with the "HACKING-LAB" logo and a navigation menu on the left. The main content area is titled "Hacking Challenge" and displays a table of challenges. A blue arrow points from the "Intermediate" level in the list on the left to the "Level" column in the challenge table, specifically highlighting the "Intermediate" level icon for the first challenge.

Topic	Type	Name	Level	Points	Status	Solved by	Solution
🔒	WS	3042 Heartbleed OpenSSL	🟡 Intermediate	0/20	✓	82	📧
🔒	WS	5020 Password protected ZIP	🟢 Easy	0/10	✓	1047	📧
💻	WS	5138 Escape from Python City	🟢 Easy	0/10	✓	103	📧
🐧	WS	7002 Linux Security: Got Wurzel	🟢 Easy	0/10	✓	312	📧
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🔒	WS	7039 Music Hero	🟡 Intermediate	0/20	✓	65	📧
🐛	WS	7041 Struts2 Vulnerability	🟡 Intermediate	0/30	✓	56	📧

Challenge Scoring



Max points for winning team:



The screenshot shows the Hacking-Lab website interface. The left sidebar contains a navigation menu with links: Home, About, Security Events, Dashboard, Reference Projects, How it Works, Chat, Global Scoring, Mobile Services, Download, Research, Support, Login / Sign up, and My Menu. The main content area is titled "Hacking Challenge" and displays a table of challenges. The table has columns: Topic, Type, Name, Level, Points, Status, Solved by, and Solution. The first challenge, "3042 Heartbleed OpenSSL", is highlighted with a blue arrow pointing to its "Points" value of "0/20".

Topic	Type	Name	Level	Points	Status	Solved by	Solution
	WS	3042 Heartbleed OpenSSL		0/20	✓	82	
	WS	5020 Password protected ZIP		0/10	✓	1047	
	WS	5138 Escape from Python City		0/10	✓	103	
	WS	7002 Linux Security: Got Wurzel		0/10	✓	312	
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Solution Submission



Icon used to submit your solution

A screenshot of the Hacking-Lab website. The page has a dark blue background with a space-themed image. On the left is a red sidebar menu with links like Home, About, Security Events, Dashboard, Reference Projects, How it Works, Chat, Global Scoring, Mobile Services, Download, Research, Support, Login / Sign up, and My Menu. The main content area is titled "Hacking Challenge" and contains a table of challenges. A blue arrow points from the text "Icon used to submit your solution" to a yellow envelope icon in the "Solution" column of the first row in the table.

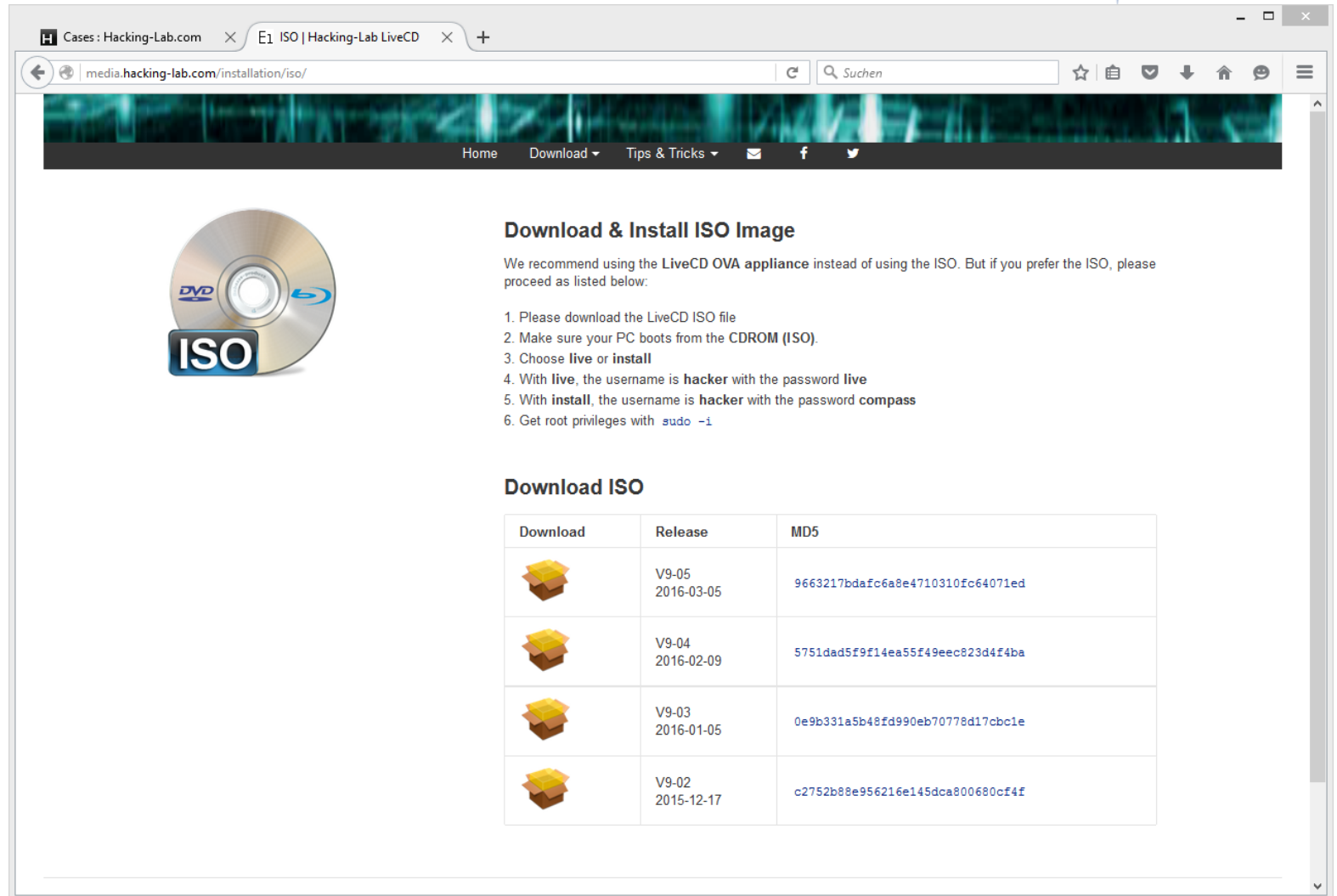
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	WS	7039 Music Hero		0/20	✓	65	
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Hacking-Lab LiveCD

A tool that will help you doing the hands-on labs

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A screenshot of a web browser displaying the "ISO | Hacking-Lab LiveCD" page on media.hacking-lab.com. The browser's address bar shows the URL "media.hacking-lab.com/installation/iso/". The page features a navigation bar with links for "Home", "Download", "Tips & Tricks", and social media icons. On the left, there is a graphic of a DVD/Blu-ray disc with an "ISO" label. The main content area is titled "Download & Install ISO Image" and includes a recommendation to use the LiveCD OVA appliance instead of the ISO. Below this, a numbered list provides instructions for downloading and installing the ISO. At the bottom, a table titled "Download ISO" lists four versions of the ISO, each with a download icon, release date, and MD5 hash.

Download & Install ISO Image

We recommend using the **LiveCD OVA appliance** instead of using the ISO. But if you prefer the ISO, please proceed as listed below:

1. Please download the LiveCD ISO file
2. Make sure your PC boots from the CDROM (ISO).
3. Choose **live** or **install**
4. With **live**, the username is **hacker** with the password **live**
5. With **install**, the username is **hacker** with the password **compass**
6. Get root privileges with `sudo -i`

Download ISO

Download	Release	MD5
	V9-05 2016-03-05	9663217bdafc6a8e4710310fc64071ed
	V9-04 2016-02-09	5751dad5f9f14ea55f49ec823d4f4ba
	V9-03 2016-01-05	0e9b331a5b48fd990eb70778d17cbc1e
	V9-02 2015-12-17	c2752b88e956216e145dca800680cf4f