

Certified Ethical Hacking Foundation (CEHF)

IT SERIES

HRDF

www.zohlgroup.com

COURSE CODE: CEHF

LEVEL: Basic to Intermediate

LANGUAGE: Bahasa & English

ABOUT ETHICAL HACKING FOUNDATION CERTIFICATION

GSDC's Certified Ethical Hacker (CEH) Foundation certification is aimed towards demonstrating knowledge of assessing the security of computer systems by looking for weaknesses and vulnerabilities in target systems while using the same knowledge and tools as a malicious hacker yet in a lawful and legitimate manner to assess the security posture of a target system. Organizations employ ethical hackers to invade networks and computer systems with the help of their coding skills to find and fix security vulnerabilities. Certified Ethical Hacking Foundation certification clears your fundamentals of ethical hacking so that you can arrange frameworks with the assent of its creator to discover security vulnerabilities. As a Certified Ethical Hacking Foundation certification holder, you will be able to evaluate the security instances of an association by recognizing vulnerabilities in the system and its framework to make valuable decisions.

CERTIFIED ETHICAL HACKING FOUNDATION OBJECTIVES

Certified Ethical Hacking Foundation's objective is to shape your knowledge about:

- Advanced step-by-step methodologies used by hackers
- Writing virus codes
- Reverse engineering, so you can better protect corporate infrastructure from data breaches
- Advanced network packet analysis
- Securing web servers
- Malware threats
- Advanced system penetration testing techniques to build your network security skillset and beat hackers at their own game.

COURSE DURATION

5 days (9am—5pm)

Tea Breaks: 10:30am & 3:30pm

Lunch: 1:00pm-2:00pm

Note: Please contact our office for Training Date or visit our website for details (www.zohlgroup.com/mdc)

METHODOLOGY

This program will be conducted with:

- Interactive Lectures using PowerPoint presentation
- Discussions
- Practical Exercise
- Case Study
- Video Presentation

TARGET AUDIENCE

- Security officers
- Auditors
- Security professionals
- Site administrators
- Anyone who is concerned about the integrity of the network infrastructure.

LOCATION

ONLINE and/or Mindset Discovery Center™@ZOHL, M2-6-08, Level 6, 8trium Tower 2, Bandar Sri Damansara, Kuala Lumpur (other Regions please contact our office)

KEY TAKEAWAYS

Few benefits of getting a Ethical Hacking Foundation certification are:

- Enhanced correspondence using regular wording crosswise over Ethical Hacking
- More return on investment
- Cyber Security strategies enable associations to understand the advantages of items and possibly a prior rate of return while items are being produced and moved forward
- Build up a reasonable meaning of how an ethical hacking approach saves your organization from attacks.
- Greater Employability

PRE-REQUISITES

There are no prerequisites to take up this ethical hacking certification but knowledge of programming and information security will be beneficial.

Customized In-House Training Program is available in the following areas:

Accounting & Finance | Administrative Skills | Career Development | Human Resources | Personal Development | Sales & Marketing | Leadership & Management | Workplace Essentials | Digital & Social Media Marketing | Cust Svc | SCM | Entrepreneurship | Soft Skills | HSE | Engineering | Telecoms | ICT | ISO | PM | TQM

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COURSE CONTENT

Module 1. Introduction to Ethical Hacking

- Hacking Ethics
- Legal implications of hacking.
- Types of hackers
- Basic Principles
- White and black box test
- Phases in the hacking process

Module 2. Network Sniffing

- Tools for Network Sniffing
- Extracting Information
- Function of HTTP headers
- Extract information from HTTP headers

Module 3. Hacking Wireless Networks

- Aircrack-NG
- Airodump-NG
- Functions of tools within Aircrack.
- ESSID & BSSID means

Module 4. System Penetration

- Intel Gathering
- Information on a target online
- Information on a target within a network
- Software Tools (Nmap, Metasploit)
- Can scan a target
- How to combine tools
- Fingerprinting and Vulnerabilities
- How to find vulnerabilities based on scanning results
- Banual fingerprinting
- Exploitation and Post Exploitation
- Vulnerability with Metasploit
- System information after exploitation

Module 5. Dimensionality Reduction

- Database Attacks
- Test for SQLi vulnerabilities
- Extracting data with SQLi
- CONCAT, LOAD_FILE, UNION, SELECT,
- @version, ORDER BY, LIMIT
- Client Side Attacks
- Create an XSS PoC (Proof of Concept)
- Basics of session hijacking i/c/w XSS
- Basic XSS filters
- Server Side Attacks
- RFI
- PHP shells such as r57 and c99
- Bind & Back connect shells

Question & Answer Session

Examination

- Ensure that you have filled up the basic details.
- This exam consists of 40 multiple-choice questions.
- Candidates need to score a minimum of 65% of the total marks (i.e. 26 out of 40) to pass this examination.
- The total duration of this examination is 90 minutes.
- Candidate should Tick against only one correct answer in Multiple Choice Questions.
- There is no negative marking system applicable to this examination.
- In case the participant does not score passing % then they will be granted a 2nd attempt at no additional cost. Re-examination can be taken up to 30 days from the date of the 1st exam attempt.

End of Program House-Keeping

- Program De-Briefing
- Feedback Questionnaire
- Closing Ceremony

Note: Course Content subject to further review

COURSE FEE

RM4,240 per person incl. 6% SST

(Fee inclusive of Course Material, Attendance Certificate, Professional Certificate, Exam Fees and Meals)

CERTIFICATE

Participants will be issued a Certificate of Attendance/Accomplishment upon successful completion of this training program. Full attendance is a pre-requisite.



In addition, a **Professional Certificate** from **GSDC** will also be awarded to those who pass the Exam.

WHY GSDC CERTIFICATION?

The Global Skill Development Council (GSDC) is an independent, vendor-neutral, international credentialing and certification organization for the emerging technologies:

- Advisory board members and SMEs are from around the world, drawn from different specializations.
- Supported by the world's most esteemed thought leaders from Yale, MIT, Stanford, Wharton, and Harvard.
- Hub of Trending Technologies and framework certifications.
- Content curated by Industry's best Subject matter

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experts.

- Webinars and Conferences.
- Training Partners Across The Globe. For Malaysian market ZOHL Consultancy Sdn Bhd has been appointed as one of the GSDC Training Partner.

HRDF SBL KHAS

Claimable under HRDF SBL KHAS Scheme (for Companies contributing to HRDF)

REGISTRATION METHOD

1. **Online:** <https://zohlgroup.com/mdc/certification-programs-registration/> **OR**
2. Download this brochure at: <https://zohlgroup.com/mdc/certification-programs/> and fill up the required information. Then please fax to: 03.6279.0663
3. Or contact our office at: 03.6279.9276 / 013.398.1038

FACILITATOR

Dr Shaiful J. Hashim is currently an Associate Professor in the Department of Computer and Communication Systems Engineering, Faculty of Engineering, Universiti Putra Malaysia (UPM). He received his Ph.D from Cardiff University, UK (2011), M.Sc from National University of Malaysia (2003) and B.Eng from University of Birmingham, UK (1998) in the field of Electrical and Electronics Engineering. He is one of the winners of the prestigious IEEE MTT-11 2008 Creativity and Originality in Microwave Measurements Competition. His research interests are cloud computing, Internet of Things (IoT), network security and non-linear wireless measurement system. He has contributed to more than 100 technical and research publications.



*Note: Trainer availability is subject to change

REGISTRATION FORM

Participant#1: _____

Position: _____

IC No: _____

Participant#2: _____

Position: _____

IC No: _____

Training Date: _____

Training Venue: _____

Organization: _____

Address: _____

Contact Person: _____

Position: _____

Tel: _____

Fax: _____

Email: _____

Company Website: _____

PAYMENT

CASH: RM _____ OR

CHEQUE No: _____

Please fax your bank-in slip to 03.6279.0663 or scan your bank-in slip and email to training@zohlgroup.com

*Please make your cheque payable to:

ZOHL Consultancy Sdn Bhd



Account No:
514392303373

Signature & Company Stamp

Note:

- Date & venue of seminar subject to changes
- Payment must be made 7 days before the training date
- Registration cancelled 7 days prior to the event is subject to RM100 service charge per participant
- No refunds for notice received less than 7 days prior to the event. A substitution may be made at any time at no extra charge.
- Program content may change subject to revision by our consultants from time to time.
- Full fee is required with your registration. 5% Group discount is available - min 3 pax.



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Sebarang pertanyaan sila hubungi Cik Niesa

ZOHL Consultancy Sdn Bhd (332967-D) (SST ID: W10-1810-32000429)

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