

International Council of E-Commerce Consultants (EC-Council)

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The mission of the International Council of E-Commerce Consultants is to foster development of e-commerce, provide education and certification, set professional standards and stimulate the growth of e-commerce through open dialogue and exchange of ideas.

Based in New York City the EC-Council offers several e-commerce qualifications, including the Certified Ethical Hacker (CEH) designation.

Certified Ethical Hacker (CEH)

“To catch a thief, you must think like a thief. To protect your network from a hacker, you’ve got to get inside that hacker’s mind.” This is the idea behind the Certified Ethical Hacker (CEH) qualification from the International Council of E-Commerce Consultants. To some in the information security profession the CEH designation is controversial – and not only because of the H-word in the qualification title – it may be seen as an oxymoron – but also because of perceived insufficiency of accent on ethics in the curriculum and exam objectives. Whether this is the case or not is open to debate.

To achieve the CEH designation candidates need to take and pass the CEH examination consisting of 50 multiple-choice questions to be answered in 2 hours; the passing score is 70%. The exam is available at Prometric testing centres. The subjects examined on the examination are as follows:

- Ethics and Legal Issues
- Footprinting
- Scanning
- Enumeration
- System Hacking
- Trojans and Backdoors
- Sniffers
- Denial of Service
- Social Engineering
- Session Hijacking
- Hacking Web Servers
- Web Application Vulnerabilities
- Web Based Password Cracking Techniques
- SQL Injection
- Hacking Wireless Networks
- Virus and Worms
- Hacking Novell
- Hacking Linux
- IDS, Firewalls and Honeypots
- Buffer Overflows
- Cryptography

Training for the CEH designation is available from both the EC-Council and other training providers. The CEH examination may be taken at Prometric testing centres.