

How to Prepare for the Certified Ethical Hacker Exam



Dale Meredith

@dalemeredith | www.daledumbsitdown.com

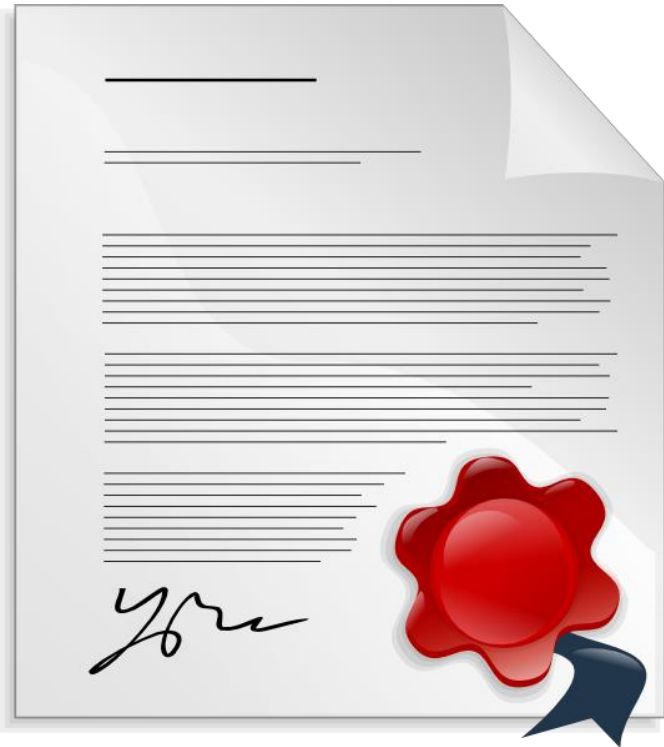
“

If it wasn't "hard", everyone would do it...
"hard" is what makes "it" great.

— Tom Hanks (League of their Own)

”

Learn It, Love It, Live It



- ❑ About the Exam
- ❑ How to Prepare
- ❑ The SuperDale Method
- ❑ When in Doubt

About the Exam

The Exams

CEH (ANSI) 312-50

- 125 Questions
 - Multiple choice
- 4 Hours
 - 2 min. per question
- 70% to pass
- ECCEXAM/VUE

CEH (Practical)

- 20 Practical Challenges
- 6 Hours
- 70% to pass
- Aspen-iLabs
- Fully proctored

How to Prepare

Requirements

2 years security
experience

Education reflects
background in
Information Security

Remit \$100 eligibility
application fee

Requirements

Submit exam
eligibility application

Purchase exam
voucher from EC-C

Schedule exam
(\$500)

Study

Understanding of all
19 domains

SQL injection & port
scanning

Know your tools

“Master of My Domain”

- 1) Intro to Ethical Hacking
- 2) Foot Printing/Reconnaissance
- 3) Scanning Networks
- 4) Enumeration
- 5) System Hacking
- 6) Trojans & Backdoors
- 7) Viruses & Worms
- 8) Sniffers
- 9) Social Engineering
- 10) Denial of Service

“Master of My Domain”

- 11) Session Hijacking
- 12) Hacking Webservers
- 13) Hacking Web Applications
- 14) SQL Injection
- 15) Hacking Wireless Networks
- 16) Evading IDS, Firewalls, & Honeypots
- 17) Buffer Overflows
- 18) Cryptography
- 19) Penetration Testing

Exam “Weight”

Section	Knowledge of	Weight	# of ?
Background	Networking technologies (e.g., hardware, infrastructure)	4%	5
	Web technologies		
	Systems technologies		
	Communication protocols		
	Malware operations		
	Mobile technologies		
	Telecommunication technologies		
	Backups and archiving		

Exam “Weight”

Section	Knowledge of	Weight	# of ?
Analysis/Assessment	data analysis	13%	16
	systems analysis		
	risk assessments		
	technical assessment methods		

Exam “Weight”

Section	Knowledge of	Weight	# of ?
Security	systems security controls	25%	31
	application/fileserver		
	firewalls		
	cryptography		
	network security		
	physical security		
	threat modeling		
	verification procedures		

Exam “Weight”

Section	Knowledge of	Weight	# of ?
Security	social engineering	25%	31
	vulnerability scanners		
	security policy implications		
	privacy/confidentiality (regarding engagements)		
	biometrics		
	wireless access technology		
	trusted networks		
	vulnerabilities		

Exam “Weight”

Section	Knowledge of	Weight	# of ?
Tools/Systems	network/host based intrusion	32%	40
	network/wireless sniffers		
	access control mechanisms		
	cryptography techniques		
	programming languages		
	scripting languages		
	boundary protection appliances		
	network topologies		

Exam “Weight”

Section	Knowledge of	Weight	# of ?
Tools/Systems	subnetting	32%	40
	port scanning		
	domain name system		
	routers/modems/switches		
	vulnerability scanner		
	vulnerability management and protection systems		
	operating environments		
	antivirus systems and programs		

Exam “Weight”

Section	Knowledge of	Weight	# of ?
Tools/Systems	log analysis tools	32%	40
	security models		
	exploitation tools		
	database structures		

Exam “Weight”

Section	Knowledge of	Weight	# of ?
Procedures &	cryptography	20%	25
Methodology	public key infrastructure		
	Security Architecture		
	Service Oriented Architecture		
	information security incident management		
	N-tier application design		
	TCP/IP networking (e.g., network routing)		
	security testing methodology		

Exam “Weight”

Section	Knowledge of	Weight	# of ?
Regulation/Policy	Security policies	4%	5
	Compliance regulations		

Exam “Weight”

Section	Knowledge of	Weight	# of ?
Ethics	Professional code of conduct	2%	3
	Appropriateness of hacking activities		

The SuperDale Method

SuperDale's Method

- ❑ Multiple choice
- ❑ Select all that apply
- ❑ Read the answers 1st
- ❑ Understand each answer
- ❑ Read the questions backwards

- 1) If you've been contracted to perform an attack against a target system, what type of hacker are you?
 - a) White Hat?
 - b) Gray Hat?
 - c) Black Hat?
 - d) Red Hat?

When in Doubt...

Who Wants to be a Millionaire?

- ❑ 50/50 Rule
 - ❑ Eliminate that which is false
 - ❑ Sherlock Holmes
- 1) What is a self-replicating piece of malware?
 - a) A Worm
 - b) A Virus
 - c) A Rootkit
 - d) A Trojan Horse



Dale
dale.meredith@hotmail.com



Ethical Hacking: Understanding Ethical Hacking

by Dale Meredith

Pluralsight is not an official partner or accredited training center of EC-Council. This course will significantly benefit security officers, network administrators, and anyone who is concerned about the integrity of their network infrastructure.

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I m from india and I just want to thank u for this course
THANKS :-)

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You're very welcome...thanks for watching!

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Course author



Dale Meredith

Dale Meredith received his Certified Ethical Hacker and Certified EC-Council Instructor certifications back in 2006, as well as being a Microsoft Certified Trainer since 1998 (yes we had computers...

Course info

Level Beginner

Rating ★★★★★ (1059)

My rating ★★★★★

Duration 7h 0m

Released 20 May 2015

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Summary



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