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What is Penetration Testing and how you can start in the Cyber Security Field?

titaniumcybersolutions.com



Reach the Limit



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IT-Security

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**Ahmed Hassan
from Austria**



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My Certifications



OSCP | CEH | CEI | eJPT |
eWAPTv2 | eWAPT Xu2 |
eCPPTv2 - eCPTX - eMAPT -
CSFPC™ - CNSS certified.

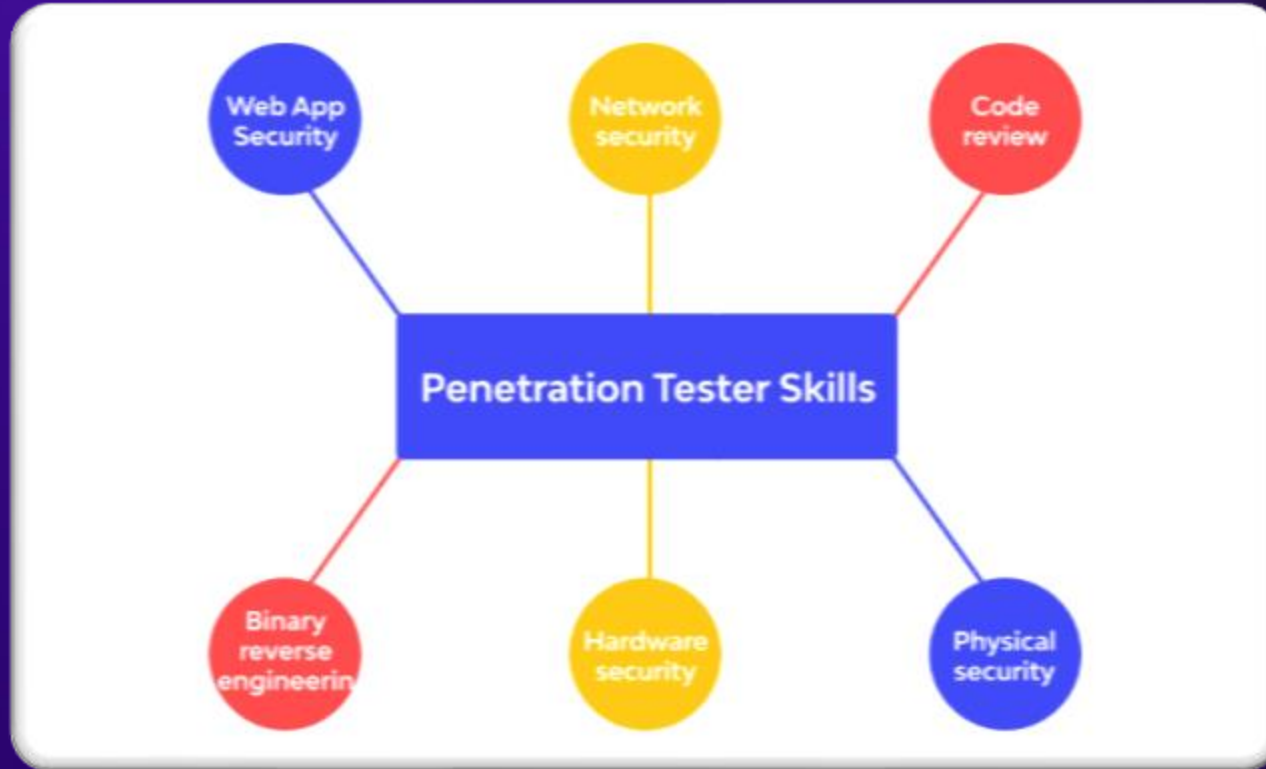


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Penetration Testing Path



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Penetration Testing

What is Pentesting?

A penetration test, also known as a pen test, is a simulated cyber attack against your computer system to check for exploitable vulnerabilities. In the context of web application security, penetration testing is commonly used to augment a web application firewall (WAF).

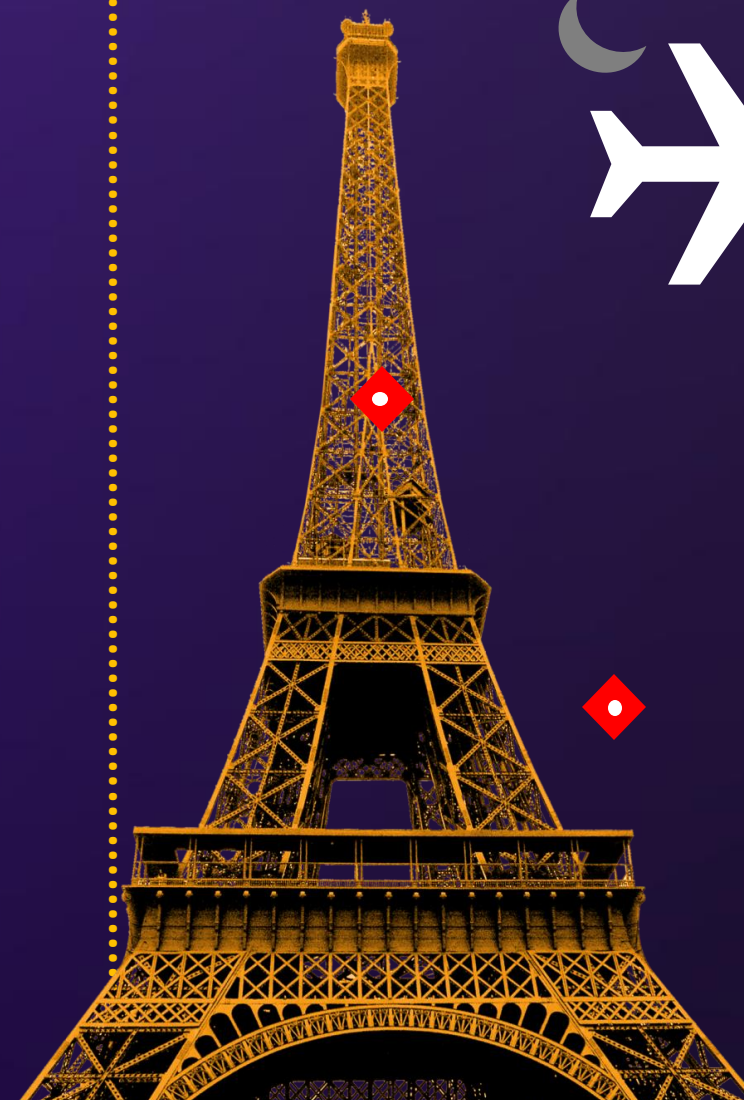


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Penetration Testing

How can you start in IT-Security?

- eJPT (eLearnSecurity Junior Penetration Tester)
- eWPT (eLearnSecurity Web Application Penetration Tester)
- eCPPT (eLearnSecurity Professional Penetration Tester)



See more 



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Certifications



eWPT (Web Security)

eJPT (Junior)

**eCPPT
(Professional
Pentester)**





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IT-Security Pentesting



**Millions of Companies
got hacked**

**Companies need
Pentester**

Improve your Skills

**YOU HAVE BEEN
HACKED !**

+Dunken K. B.



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Uber and GTA 6 hacked

Grand Theft Auto 6 leak: who hacked Rockstar and what was stolen?

A major data breach has given the world an early look at Grand Theft Auto 6. Why is this such bad news for the developer?

Grand Theft Auto 6: Why is this such bad news for the developer?

Uber staff posted a comment. Sep 15th (5 mins ago)
UBER HAS BEEN HACKED (domain admin, aws admin, vsphere admin, gsuite SA) AND THIS HACKERONE ACCOUNT HAS BEEN ALSO

Uber

How Uber was hacked in 2022



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Uber and GTA 6 hacked

UK police arrest teenager suspected of Uber, GTA 6 hacks

Carly Page @carlypage_ / 4:28 PM GMT+2 • September 26, 2022

Comment



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IT-Security

Other Ressources



HacktheBox
Tryhackme

TCM Security
Academy

Pentester Academy





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Penetration Tester HackTheBox




HACKER | 17 MIN READ

How to become a penetration tester: (Practical) career guide

So you want to become a penetration tester but don't know where to start? This step-by-step guide is for you!

meb3n, Nov 09 2022



What does a penetration tester do on a daily basis?

How to become a penetration tester: 5 practical steps

- Step 1: Know thyself (and your suitability for a penetration testing career)
- Step 2: Level up your skills
 - Learning or becoming a penetration tester from scratch
 - How to get started in pentesting with IT experience
- Step 3: Get a hacking or penetration testing certification
- Step 4: Get your hands dirty in real-world environments
- Step 5: Start applying
- (Bonus) Step 6: Carve out a unique advantage

Average penetration tester salary (for beginners): How much do penetration testers make?



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Penetration Tester Tryhackme

Learning Paths

Work your way through a structured learning path



Red Teaming

Learn the skills needed to become a Red Team Operator

- Use diverse techniques for initial access
- Enumerate and persist on targets
- Evade security solutions
- Exploit Active Directory

Intermediate 48 hours



Introduction to Cyber Security

Learn the core skills required to start a career in cyber security

- Learn about different careers in cyber
- Hack your first application
- Defend against a live cyber attack
- Explore security topics in the industry

Easy 24 hours



Jr Penetration Tester

Learn the necessary skills to start a career as a penetration tester

- Pentesting methodologies and tactics
- Enumeration, exploitation and reporting
- Realistic hands-on hacking exercises
- Learn security tools used in the industry

Intermediate 64 hours



Pre Security

Before hacking something, you first need to understand the basics

- Cyber security basics
- Networking basics and weaknesses
- The web and common attacks
- Learn to use the Linux operating system

Easy 40 hours



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Penetration Tester

- ◆ Web Penetration Testing
- - ◆ Network Penetration Testing
 -
 -
 -
- ◆ Active Directory Pentesting



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Companies Acknowledgments



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FOUND VULNERABILITIES (BUG BOUNTY PROGRAMMS)

Siemens

United Nations (UN)

Sparkasse Bank (Austria)

osd.myndr.nl

forescout.com

Government Technology Agency of Singapore (GovTech)

MTN Group

UK Ministry of Defense (Hacker Coin as Thank you received)

UK Government

U.S. Department of State 7x -> multiple Vulnerabilities submitted (Stored XSS, SQL Errors, SQL Injection etc.)

NASA

■■■■ (Bounty 200 Euro) (stored XSS and HTML Injection)

INDIAN GOVERNMENT -> Stored Cross Site Scripting (XSS)

PHILIPINES GOVERNMENT -> Reflected Cross Site Scripting (XSS)

CERT-EU Computer Emergency Response Team (CERT-EU) for the EU institutions

SCOTTISH GOVERNMENT -> multiple Vulnerabilities

SINGAPORE GOVERNMENT NEW ZEALAND GOVERNMENT

Huawei -> stored XSS and File Upload Restriction Bypass

Drexel University University of Texas of Austin

HP (Hewlett Packard) 2x Vulnerabilities



FOUND VULNERABILITIES (BUG BOUNTY PROGRAMMS)

stckr.nl

Drexel University

Nokia

Oracle

Kuula

Bosch

Lenovo

Philips



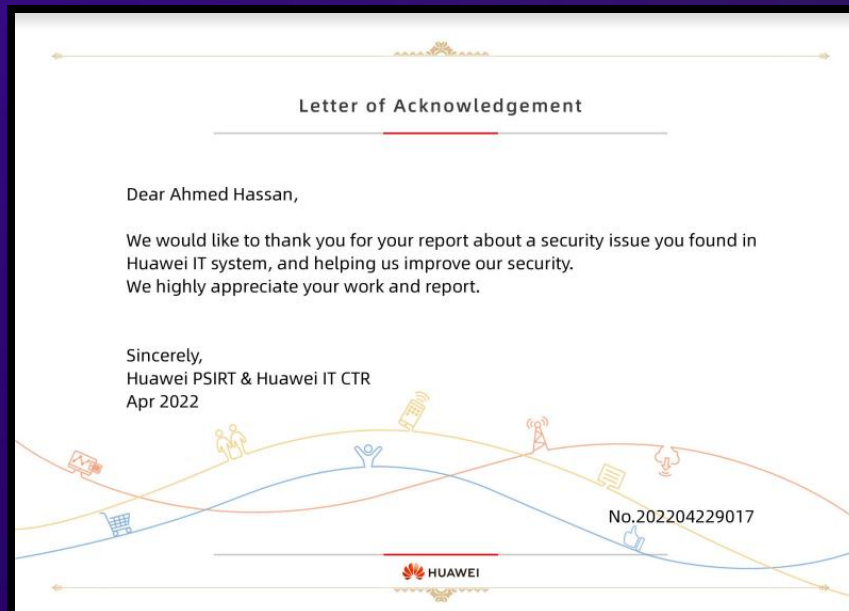
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oracle.com/securiti

On-Line Presence Security Contributors

Oracle acknowledges people who have contributed to our On-Line Presence Security program (see [FAQ](#)). People are acknowledged for contributions relating to Oracle's on-line presence if they provide information, observations or suggestions pertaining to security-related issues that result in significant modification to Oracle's on-line external-facing systems.

For this quarter, Oracle recognizes the following for contributions to Oracle's On-Line Presence Security program:

- Ahmed Hassan
- Ekin Şiar Bayer
- Elad Gabay of Wiz.io
- Gabriel



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My Business Card



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<https://sprd.li/39arh1nuv4>



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Thank you for your time 😊



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