

EC-Council Certified Penetration Testing Professional (CPENT) + Voucher d'examen

Durée: 5 Jours Réf de cours: CPENT Version: 1.0

Résumé:

PROMOTION: until the end of December 2023 you will receive a 10% discount when booking and participating in this training. To claim this discount you must use the promotional code CPENT10. Only at Global Knowledge!

EC-Council's Certified Penetration Tester (CPENT) program teaches you how to perform an effective penetration test in an enterprise network environment that must be attacked, exploited, evaded, and defended. If you have only been working in flat networks, CPENT's live practice range will teach you to take your skills to the next level by teaching you how to pen test IoT systems, OT systems, how to write your own exploits, build your own tools, conduct advanced binaries exploitation, double pivot to access hidden networks, and also customize scripts/exploits to get into the innermost segments of the network.

The CPENT range consists of entire network segments that replicate an enterprise network — this is not a computer game simulation; this is an accurate representation of an enterprise network that will present the latest challenges to the pen tester. The benefit of hands on learning in a live cyber range is that candidates will encounter multiple layers of network segmentation, and the CPENT course will teach candidates how to navigate these layers, so that once access is gained in one segment, a candidate will know the latest pivoting techniques required to reach the next. However, that won't be enough on its own as the targets and segments are progressive in nature, so once you get into one machine and or segment, the next one will challenge you even more

CPENT is a fully online, remotely proctored practical exam that challenges candidates through a grueling 24-hour performance-based, hands-on exam. The exam is broken into 2 practical exams of 12-hours each that will test your perseverance and focus by forcing you to outdo yourself with each new challenge. Candidates have the option to choose either 2 12-hour exams or one 24-hour exam. Candidates who score more than 70% will earn the CPENT certification. Candidates who score more than 90% attain the prestigious LPT (Master) credential!

Public visé:

Ethical Hackers, Penetration Testers, Network Server Administrators, Firewall Administrators, Security Testers, System Administrators and Risk Assessment Professionals,

Objectifs pédagogiques:

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| <ul style="list-style-type: none">■ After completing this course you should be able to:■ Overcome some of the most advanced obstacles that real-world practitioners face when conducting penetration test. You will face the following challenges■ Advanced Windows Attacks■ Attacking IOT Systems■ Writing Exploits: Advanced Binaries Exploitation■ Bypassing a Filtered Network■ Pentesting Operational Technology (OT) | <ul style="list-style-type: none">■ Access Hidden Networks with Pivoting■ Double Pivoting■ Privilege Escalation■ Evading Defense Mechanisms■ Attack Automation with Scripts■ Build your own Armory: Weaponize your Exploits■ Write Professional Reports |
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Pré-requis:

Attendees should meet the following prerequisites:

- It is recommended not mandated that students have followed the EC-Council VAPT track and completed the CEH Course and CEH Practical exam before enrolling for this course.
- Advanced knowledge in Networking Protocols

Test et certification

Recommended as preparation for the following exam:

■ **CPENT - Certified Penetration Testing Professional**
Please note:

CPENT is a fully online, remotely proctored practical exam that

- Knowledge in Kali or ParrotOS and common Penetration Testing Tools
- Knowledge in Exploiting Windows and Linux Hosts
- Knowledge in Privilege Escalation in Linux and Windows
- Knowledge in Wireless Penetration Testing
- Knowledge in Web Application Penetration Testing
- CND - EC-Council Certified Network Defender (CND) + Voucher d'examen
- CEH - EC-Council Certified Ethical Hacker (CEH) + Voucher d'examen

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Contenu:

Module 01: Introduction to Penetration Testing	Module 06: Network Penetration Testing – Internal	Module 11: OT/SCADA Penetration Testing
Module 02: Penetration Testing Scoping and Engagement	Module 07: Network Penetration Testing – Perimeter Devices	Module 12: Cloud Penetration Testing
Module 03: Open Source Intelligence (OSINT)	Module 08: Web Application Penetration Testing	Module 13: Binary Analysis and Exploitation
Module 04: Social Engineering Penetration Testing	Module 09: Wireless Penetration Testing	Module 14: Report Writing and Post Testing Actions
Module 05: Network Penetration Testing – External	Module 10: IoT Penetration Testing	

Autres moyens pédagogiques et de suivi:

- Compétence du formateur : Les experts qui animent la formation sont des spécialistes des matières abordées et ont au minimum cinq ans d'expérience d'animation. Nos équipes ont validé à la fois leurs connaissances techniques (certifications le cas échéant) ainsi que leur compétence pédagogique.
- Suivi d'exécution : Une feuille d'émargement par demi-journée de présence est signée par tous les participants et le formateur.
- En fin de formation, le participant est invité à s'auto-évaluer sur l'atteinte des objectifs énoncés, et à répondre à un questionnaire de satisfaction qui sera ensuite étudié par nos équipes pédagogiques en vue de maintenir et d'améliorer la qualité de nos prestations.

Délais d'inscription :

- Vous pouvez vous inscrire sur l'une de nos sessions planifiées en inter-entreprises jusqu'à 5 jours ouvrés avant le début de la formation sous réserve de disponibilité de places et de labs le cas échéant.
- Votre place sera confirmée à la réception d'un devis ou "booking form" signé. Vous recevrez ensuite la convocation et les modalités d'accès en présentiel ou distanciel.
- Attention, si cette formation est éligible au Compte Personnel de Formation, vous devrez respecter un délai minimum et non négociable fixé à 11 jours ouvrés avant le début de la session pour vous inscrire via moncompteformation.gouv.fr.

Accueil des bénéficiaires :

- En cas de handicap : plus d'info sur globalknowledge.fr/handicap
- Le Règlement intérieur est disponible sur globalknowledge.fr/reglement