

EC-Council's Certified Penetration Tester (CPENT)

COURSE OVERVIEW

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.

WHO SHOULD ATTEND?

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

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Overcome some of the most advanced obstacles that real-world practitioners face when conducting penetration tests.
- Learn about the new developments in PPP.
- Attacking IOT Systems.
- Writing Exploits: Advanced Binaries Exploitation.
- Bypassing a Filtered Network.
- Pentesting Operational Technology (OT).
- 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.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- How to pen test complex enterprise networks.
- Practicing in a live, advanced range.
- Pen test IoT and OT systems.
- How to write and customize your own exploits.
- Building your own pen testing tools.
- Performing advanced binary exploitation.
- Using double pivoting to reach hidden networks.
- Evading defenses and access secure segments.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.

1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded