EC-COUNCIL CERTIFIED PENETRATION TESTING PROFESSIONAL (CPENT)

Duration: 5 Days

Course Content

EC-Council's Certified Penetration Testing Professional (C|PENT) program teaches you how to perform an effective penetration testing in an enterprise network environment that must be attacked, exploited, evaded, and defended. If you have only been working in flat networks, C|PENT's live practice range will teach you to take your skills to the next level by teaching you how to pen test lot 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 heart of the CPENT course is all about helping you master your pen testing skills by putting them to use on our live cyber ranges. The certified penetration testing ranges were designed to be dynamic to give you a real-world training program, so just as targets and technology continue to change in live networks, both the (C|PENT) practice and exam ranges will mimic this reality as our team of engineers continue to add targets and defences throughout the ClPENT course's lifetime.

Who Should Attend

- Penetration Testers
- Ethical Hackers
- Security Testers
- Cybersecurity Forensics Analyst
- Cyberthreat Analyst
- Application Security Analyst
- Security Operations Centre (SOC) Analyst
- Network Security Penetration Tester
- Network Security Engineer
- Information Security Architect

Course Outline

- Introduction to Penetration Testing and Methodologies
- Penetration Testing Scoping and Engagement
- Open Source Intelligence (OSINT)
- Social Engineering Penetration Testing
- Network Penetration Testing – External
- Network Penetration Testing – Internal
- Network Penetration Testing – Perimeter Devices
- Web Application Penetration Testing
- Wireless Penetration Testing
- IoT Penetration Testing
- OT and SCADA Penetration Testing
- Cloud Penetration Testing
- Binary Analysis and Exploitation
- Report Writing and Post Testing Actions