EC-Council Certified Security Analyst-Licensed Penetration Tester

Duration: 5 Days   Course Code: ECSA-LPT

Overview:

ECSA/LPT is a security class like no other! Providing real world hands on experience, it is the only in-depth Advanced Hacking and Penetration Testing class available that covers testing in all modern infrastructures, operating systems and application environments.
EC-Council's Certified Security Analyst/LPT program is a highly interactive 5-day security class designed to teach Security Professionals the advanced uses of the LPT methodologies, tools and techniques required to perform comprehensive information security tests.

Target Audience:

Network server administrators, Firewall Administrators, Security Testers, System Administrators and Risk Assessment professionals

Objectives:

- Students will learn how to design, secure and test networks to protect your organization from the threats hackers and crackers pose. By teaching the tools and ground breaking techniques for security and penetration testing, this class will help you perform the intensive assessments required to effectively identify and mitigate risks to the security of your infrastructure.

- As students learn to identify security problems, they also learn how to avoid and eliminate them, with the class providing complete coverage of analysis and network security-testing topics.

Testing and Certification

Wembley Course Dates:

The ECSA certification exam will be conducted on the last day of training. Students need to pass the online Prometric exam 412-79 to receive the ECSA certification. The Student also will be prepared for the LPT certification.

All other locations:

The ECSA certification exam is not conducted on the last day of training. Students will be provided with a VUE exam voucher which will allow them to take the exam at a Pearson VUE testing centre of their choice.

Content:

Module 1: The Need for Security Analysis

Module 2: Advanced Googling

Module 3: TCP/IP Packet Analysis

Module 4: Advanced Sniffing Techniques

Module 5: Vulnerability Analysis with Nessus

Module 6: Advanced Wireless Testing

Module 7: Designing a DMZ

Module 8: Snort Analysis

Module 9: Log Analysis

Module 10: Advanced Exploits and Tools

Module 11: Penetration Testing Methodologies

Module 12: Customers and Legal Agreements

Module 13: Rules of Engagement

Module 14: Penetration Testing Planning and Scheduling

Module 15: Pre Penetration Testing Checklist

Module 16: Information Gathering

Module 17: Vulnerability Analysis

Module 18: External Penetration Testing

Module 19: Internal Network Penetration Testing

Module 20: Routers and Switches Penetration Testing

Module 21: Firewall Penetration Testing

Module 22: IDS Penetration Testing

Module 23: Wireless Network Penetration Testing

Module 24: Denial of Service Penetration Testing

Module 25: Password Cracking Penetration Testing

Module 26: Social Engineering Penetration Testing

Module 27: Stolen Laptop, PDAs and Cell Phones Penetration Testing

Module 28: Application Penetration Testing

Module 29: Physical Security Penetration Testing

Module 30: Database Penetration testing

Module 31: VoIP Penetration Testing

Module 32: VPN Penetration Testing

Module 33: War Dialing

Module 34: Virus and Trojan Detection

Module 35: Log Management Penetration Testing

Module 36: File Integrity Checking

Module 37: Blue Tooth and Hand Held Device Penetration Testing

Module 38: Telecommunications and Broadband Communication Penetration Testing

Module 39: Email Security Penetration Testing

Module 40: Security Patches Penetration Testing

Module 41: Data Leakage Penetration Testing

Module 42: Penetration Testing Deliverables and Conclusion

Module 43: Penetration Testing Report and Documentation Writing

Module 44: Penetration Testing Report Analysis

Module 45: Post Testing Actions

Module 46: Ethics of a Licensed Penetration Tester

Module 47: Standards and Compliance

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

info@globalknowledge.co.uk

www.globalknowledge.co.uk

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK