



دورة معتمدة في القرصنة الأخلاقية واختبار الاختراق المتقدم



AGILE LEADERS
Training Center

04 - 08 May 2027

دبي

دورة معتمدة في القرصنة الأخلاقية واختبار الاختراق المتقدم

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Course Overview

In today's digital landscape, organizations face increasing cyber threats that can compromise sensitive data and critical systems. Ethical hacking and penetration testing are essential cybersecurity strategies to identify and mitigate security vulnerabilities before malicious hackers can exploit them. This cybersecurity training is designed for professionals seeking ethical hacker certification and hands-on experience in network security, web security testing, and cyber threat analysis.

Throughout this ethical hacking certification training, participants will master the latest methodologies, including OSSTMM penetration testing, PTES security assessment, and Kali Linux hacking techniques. The course also covers cybersecurity penetration testing training, web application security testing, and network vulnerability assessment, making it one of the best ethical hacking courses online.

By the end of this program, participants will be able to conduct penetration testing, simulate real-world attacks, and implement security countermeasures.

Target Audience

- Cybersecurity professionals
- IT security managers
- Network administrators and system engineers
- Software developers and web security testers
- Ethical hackers and security consultants
- Risk and compliance officers
- Law enforcement and forensic experts

Targeted Organizational Departments

- Cybersecurity and IT security teams
- Risk and compliance departments
- Software development teams
- Audit and governance units
- Incident response and forensics teams

Targeted Industries

- Finance and banking
- Healthcare and pharmaceuticals
- Government and defense
- E-commerce and retail
- Telecommunications
- Technology and software development

Course Offerings

By completing this advanced penetration testing course, participants will:

- Conduct ethical hacking assessments using Kali Linux hacking tools
- Perform penetration testing following OSSTMM and PTES security assessment standards
- Identify and exploit security vulnerabilities in web security testing
- Learn real-world penetration testing techniques for cyber threat analysis
- Implement network vulnerability assessment and IT security breach analysis
- Understand how to conduct penetration testing and analyze results effectively
- Prepare for the certified ethical hacker exam with hands-on training

Training Methodology

This course follows a practical, hands-on approach, ensuring participants gain real-world experience. Training methodologies include:

- Interactive lectures and case studies covering cybersecurity frameworks and hacking methodologies
- Live hacking demonstrations using Kali Linux hacking tools for ethical hacking practical labs
- Hands-on penetration testing labs conducting cybersecurity penetration testing training
- Simulated cyber attacks replicating real-world cyber threats in a controlled environment

Course Toolbox

- Cybersecurity ebooks and reading materials
- Kali Linux hacking tools and penetration testing frameworks
- Online cybersecurity bootcamp resources
- Web application security testing toolkits
- Network security scanning and vulnerability assessment software
- Templates for cybersecurity risk assessment reporting
- Checklists for penetration testing execution

Course Agenda

Day 1: Foundations of Ethical Hacking and Penetration Testing

- Introduction to ethical hacking and cybersecurity principles Topic 1: •
- Penetration testing methodologies and frameworks OSSTMM & PTES Topic 2: •
- Network security fundamentals and reconnaissance techniques Topic 3: •
- Cryptography basics and encryption techniques in cybersecurity Topic 4: •
- Kali Linux fundamentals and penetration testing environment setup Topic 5: •
- Legal and ethical considerations in ethical hacking Topic 6: •
- Key takeaways from ethical hacking fundamentals and penetration testing Reflection & Review: •
methodologies

Day 2: Information Gathering and Vulnerability Assessment

- Passive reconnaissance and open-source intelligence OSINT Topic 1: •
- Active reconnaissance and network scanning techniques Topic 2: •
- Identifying and mapping security vulnerabilities in networks and systems Topic 3: •
- Web application security testing and common vulnerabilities Topic 4: •
- Cyber threat modeling and risk assessment strategies Topic 5: •
- OSSTMM penetration testing framework application Topic 6: •
- Analysis of reconnaissance techniques and vulnerability assessment Reflection & Review: •

Day 3: Exploitation and Attack Strategies

- Threat modeling and attack surface analysis Topic 1: •
- Evading intrusion detection and prevention systems Topic 2: •
- Server-side exploitation techniques and privilege escalation Topic 3: •
- Client-side attacks, phishing, and social engineering Topic 4: •
- Web application attacks, SQL injection, and cross-site scripting XSS Topic 5: •
- Wireless network hacking and ethical WiFi penetration testing Topic 6: •
- Reviewing penetration testing results and attack strategies Reflection & Review: •

Day 4: Post-Exploitation, Maintaining Access, and Reporting

- Covering tracks and removing penetration testing artifacts Topic 1: •
- Establishing and maintaining persistent access Topic 2: •
- Privilege escalation techniques and lateral movement Topic 3: •
- File transfer techniques and pivoting across compromised systems Topic 4: •
- Generating professional penetration testing reports Topic 5: •
- Best practices for mitigating discovered vulnerabilities Topic 6: •
- Effective penetration testing reporting and remediation planning Reflection & Review: •

Day 5: Practical Penetration Testing and Final Assessment

- Hands-on ethical hacking lab exercises and case studies Topic 1: •
- Real-world penetration testing techniques and ethical hacking methodologies Topic 2: •
- Cybersecurity risk assessment and security policy implementation Topic 3: •
- Understanding certification requirements and ethical hacker certification process Topic 4: •
- Certified ethical hacker exam preparation and practice scenarios Topic 5: •
- Industry trends and future advancements in ethical hacking Topic 6: •
- Final Q&A, recap of key concepts, and next steps in cybersecurity career Reflection & Review: •

FAQ

What specific qualifications or prerequisites are needed for participants before enrolling in the course?

Basic knowledge of network security, operating systems, and IT security training is recommended. Experience with Kali Linux hacking or previous exposure to ethical hacking fundamentals is beneficial.

How long is each day's session, and is there a total number of hours required for the entire course?

Each day's session lasts 4-5 hours, totaling 20-25 hours over five days, including practical labs and discussions.

What tools will be provided for the penetration testing labs?

While no software is directly provided, participants will be guided on using Kali Linux hacking tools, OSSTMM penetration testing frameworks, and web application security testing tools.

How This Course is Different from Other Ethical Hacking Courses

This course stands out due to its real-world penetration testing approach, focusing on hands-on ethical hacking practical labs and industry-recognized frameworks like OSSTMM and PTES security assessment. Unlike many best ethical hacking courses online, this training offers interactive cyber attack simulations, in-depth security vulnerability analysis, and preparation for the certified ethical hacker exam.

By the end of this program, participants will not only learn ethical hacking online but also develop the practical skills needed to defend against cyber threats. This is the best ethical hacking certification training for professionals looking to advance in cybersecurity penetration testing training and IT security breach analysis.

فئات الدورات التدريبية

الدورات التدريبية في مجال البيئة والاستدامة	دورات إدارة الجودة وتطوير العمليات
دورات إدارة و تحليل البيانات ودورات علم البيانات	دورات إدارة و تطوير الموارد البشرية
دورات الذهن السيرياني ودورات تقنية المعلومات	دورات الاتصال الجماهيري و السياسات والعلاقات العامة
دورات التدريب القانوني والهشتريات والتعاقدات	دورات التسويق وإدارة علاقات العملاء وإدارة المبيعات
دورات الحوكمة وإدارة المخاطر والامتثال	دورات السكرتارية و إدارة المكاتب
دورات الصحة والسلامة والذهن المهني	دورات الصيانة ودورات المجالات الهندسية المتنوعة
دورات المحاسبة و التهويل و دورات الإدارة المالية	دورات المهارات الشخصية وتطوير الذات
دورات في مجالات القيادة والإدارة	دورات معتمدة من قبل هيئات دولية
دورات مكتب إدارة المشاريع وإدارة المشاريع الرشيقية	



معدن التدريب

أهستردام هولندا	أكرا غانا	أثينا اليونان
الدار البيضاء المغرب	الجبيل المملكة العربية السعودية	استنبول تركيا
القاهرة مصر	الرياض المملكة العربية السعودية	الدوحة قطر
باريس فرنسا	الهناوة مملكة البحرين	الكويت الكويت
بانكوك تايلند	بالي جمهورية إندونيسيا	باكو أذربيجان
برلين ألمانيا	برشلونة إسبانيا	براغ جمهورية التشيك
تيليسي جورجيا	بوكيت تايلاند	بورتو البرتغال
جنيف سويسرا	جاكرتا جمهورية إندونيسيا	تورنتو كندا
روما إيطاليا	حلي الإمارات العربية المتحدة	جوهانسبرغ جنوب أفريقيا
سنغافورة سنغافورة	سان دييغو الولايات المتحدة الأمريكية	زنجانر تنزانيا
شيكاغو الولايات المتحدة الأمريكية	شرم الشيخ مصر	سيول كوريا الجنوبية
طوكيو اليابان	طشقند أوزبكستان	طرابزون تركيا
فرانكفورت ألمانيا	عن بعد منصة زووم	عمان المملكة الأردنية الهاشمية

مدن التدريب

كيب تاون جنوب إفريقيا	كوالالمبور ماليزيا	فيينا النمسا
لندن المملكة المتحدة	لشبونة البرتغال	لانكاوي ماليزيا
مسقط سلطنة عمان	هدريد اسبانيا	ماربيا اسبانيا
ميونخ ألمانيا	هيلن إيطاليا	مونترو سويسرا
نيويورك الولايات المتحدة الأمريكية	نيس فرنسا	نيروبي كينيا