Vskills CERTIFIED

www.vskills.in

Certified Penetration Testing Professional

Certified Penetration Testing Professional

Penetration testing, also called pen testing or ethical hacking, is the practice of testing a computer system, network or web application to find security vulnerabilities that an attacker could exploit. Penetration testing can be automated with software applications or performed manually.

Why should one take this certification?

This Course is intended for professionals and graduates wanting to excel in their chosen areas. It is also well suited for those who are already working and would like to take certification for further career progression.

Earning Vskills Penetration Testing Professional Certification can help candidate differentiate in today's competitive job market, broaden their employment opportunities by displaying their advanced skills, and result in higher earning potential.

Who will benefit from taking this certification?

Job seekers looking to find employment in IT Security, or IT departments of various companies, students generally wanting to improve their skill set and make their CV stronger and existing employees looking for a better role can prove their employers the value of their skills through this certification.

Test Details

- **Duration:** 60 minutes
- **No. of questions:** 50
- **Maximum marks:** 50, Passing marks: 25 (50%)

There is no negative marking in this module.

Fee Structure

Rs. 3,499/- (Excludes taxes)*

*Fees may change without prior notice, please refer http://www.vskills.in for updated fees

Table of Contents

1. Kali Linux Basics
1.1 Kali Linux Basics

2. Lab Setup
2.1 Download and Install VMware Workstation
2.2 Download Windows and Kali Linux
2.3 Installation of Windows and Kali Linux
2.4 Update the Kali Linux Operating System

3. Essential Terminal Commands
3.1 File Commands
3.2 Directory Commands
3.3 Chain Commands
3.4 Manage Services

4. Information Gathering Tools
4.1 Using the NetDiscover Tool
4.2 Using the Nmap Tool
4.3 Using the Sparta Tool
4.4 Using the Maltego Tool
4.5 Using the Recon-NG Tool

5. Vulnerability Analysis Tools
5.1 Using the Burp Suite Tool
5.2 Using the ZAP Tool
5.3 WordPress Scanning Using WPScan
5.4 Nessus Installation
5.5 Vulnerability Analysis Using Nessus
5.6 Analyze the Web Using HTTrack

6. Database Hacking Tools

6.1 Using the SQLite Tool

6.2 Using the Sqlmap Tool

6.3 Using the JSQL Tool

6.4 Using SQLsus

7. Password Cracking Tools

7.1 Using Crunch Commands

7.2 Using John the Ripper Tool

7.3 FTP Setup

7.4 Using Hydra

7.5 Using Medusa

7.6 Using Ncrack

8. Man-in-the-Middle Attack or Sniffing Tools

8.1 Using the MAC Changer Tool

8.2 Using the Wireshark Tool

8.3 Using the Ettercap Tool

8.4 Using MITMProxy and Driftnet Tool

9. Social Engineering Attack Tools

9.1 Phishing Attack Using SET

9.2 Trojan Attack Using SET

9.3 Using the Maltego Tool

9.4 Using Browser Exploitation Framework

10. Wireless Hacking Tools

10.1 About Wireless Adapter

10.2 Start Monitor Mode

10.3 Hack WEP Using the Fern Tool

10.4 Create a Dictionary

10.5 Hack WPA/WPA2/WPA2-PSK

11. Exploitation Techniques

11.1 Metasploit Basics

11.2 AV Bypass Frameworks

11.3 Bypass Target Defender

11.4 Bypass Target Antivirus

12. Post-Exploitation Techniques

12.1 Meterpreter Commands

12.2 Insert Keylogger

12.3 Privilege Escalation

12.4 Stealing Login Credentials

13. PenTest Reporting Tools

13.1 Using Leafpad

13.2 Using CutyCapt

13.3 Using Faraday IDE

13.4 Using recordMyDesktop

Certifications

Accounting, Banking & Finance
- Certified GST Professional
- Certified AML-KYC Compliance Officer
- Certified Business Accountant
- Certified BASEL III Professional
- Certified GAAP Accounting Standards Professional
- Certified Treasury Markets Professional

Big Data
- Certified Hadoop and Mapreduce Professional

Cloud Computing
- Certified Cloud Computing Professional

Design
- Certified Interior Designer

Digital Media
- Certified Social Media Marketing Professional
- Certified Inbound Marketing Professional
- Certified Digital Marketing Professional

Foreign Trade
- Certified Export Import (Foreign Trade) Professional

Health, Nutrition and Well Being
- Certified Fitness Instructor

Hospitality
- Certified Restaurant Team Member (Hospitality)

Human Resources
- Certified HR Compensation Manager
- Certified HR Staffing Manager
- Certified Human Resources Manager
- Certified Performance Appraisal Manager

Office Skills
- Certified Data Entry Operator
- Certified Office Administrator

Project Management
- Certified Master in Project Management
- Certified Scrum Specialist

Real Estate
- Certified Real Estate Consultant

Marketing
- Certified Marketing Manager

Quality
- Certified Six Sigma Green Belt Professional
- Certified Six Sigma Black Belt Professional
- Certified TQM Professional

Logistics & Supply Chain Management
- Certified International Logistics Professional
- Certified Logistics & SCM Professional
- Certified Supply Chain Management Professional

Legal
- Certified IPR & Legal Manager
- Certified Labour Law Analyst
- Certified Business Law Analyst
- Certified Corporate Law Analyst

Information Technology
- Certified Angular JS Professional
- Certified Basic Network Support Professional
- Certified Business Intelligence Professional
- Certified Core Java Developer
- Certified E-commerce Professional
- Certified IT Support Professional
- Certified PHP Professional
- Certified Selenium Professional

Mobile Application Development
- Certified Android Apps Developer
- Certified iPhone Apps Developer

Security
- Certified Ethical Hacking and Security Professional
- Certified Network Security Professional

Management
- Certified Corporate Governance Professional
- Certified Corporate Social Responsibility Professional
- Certified Leadership Skills Professional

Life Skills
- Certified Business Communication Specialist
- Certified Public Relations Officer

Media
- Certified Advertising Manager
- Certified Advertising Sales Professional

Sales, BPO
- Certified Sales Manager
- Certified Telesales Executive

& many more job related certifications

Contact us at:
V-Skills
011-473 44 723 or info@vskills.in
www.vskills.in