

Certified Cyber Security Analyst VS-1160



Certified Cyber Security Analyst

Certification Code VS-1160

Vskills certification for Cyber Security Analyst assesses the candidate as per the company's need for cyber security and forensics. The certification tests the candidates on various areas in cybercrime, IT Act 2000, cyberoffenses, wireless devices cybercrime, phishing, keyloggers, backdoors, SQL injection, DDoS attacks, identity theft, computer and wireless forensics, cyberterrorism, social media marketing, incident handling and privacy.

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 Cyber Security Analyst 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 or cyber security 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 minutesNo. of questions: 50

• **Maximum marks:** 50, Passing marks: 25 (50%)

There is no negative marking in this module.

Fee Structure

Rs. 3,999/- (Excludes taxes)*

Companies that hire Vskills Cyber Security Analyst

Cyber Security Analysts are in great demand. Companies specializing in IT or cyber security is constantly hiring skilled Cyber Security Analysts. Various public and private companies also need Cyber Security Analysts for their IT or cyber security departments.

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

Table of Contents

1. Cyber Technology

- 1.1 Networking
- 1.2 Wireless LAN Basics
- 1.3 Web Basics
- 1.4 Website
- 1.5 Information Security Principles
- 1.6 Cryptography
- 1.7 Public Key Infrastructure
- 1.8 Electronic Signature
- 1.9 Access Management
- 1.10 User Access Management
- 1.11 Cloud Computing

2. Cyber Ethics

- 2.1 Privacy
- 2.2 License, Trademark and Copyright
- 2.3 Intellectual Property
- 2.4 Freedom of Speech
- 2.5 Hacking
- 2.6 Internet Fraud

3. Cyber Crimes

- 3.1 Cyber Crimes
- 3.2 Cyber Criminals Types
- 3.3 Cyber Crime Motives
- 3.4 Psychological Profiling
- 3.5 Sociology of Cyber Criminals
- 3.6 Social Engineering
- 3.7 Cyber Stalking
- 3.8 Botnets
- 3.9 Attack Vector
- 3.10 Malware
- 3.11 Phishing
- 3.12 Identity Theft (ID Theft)
- 3.13 Cyber Terrorism

4. Cyber Crime Techniques

- 4.1 Proxy Servers and Anonymizers
- 4.2 Password Cracking
- 4.3 Keyloggers and Spywares
- 4.4 Worms
- 4.5 Trojan Horse
- 4.6 Steganography

www.vskills.in

- 4.7 DoS and DDoS Attacks
- 4.8 SQL Injection
- 4.9 Buffer Overflow
- 4.10 Reverse Engineering
- 4.11 Vulnerability Research
- 4.12 Network Attacks
- 4.13 WLAN Hacking
- 4.14 Web Server Attacks
- 4.15 VoIP Hacking & Countermeasures
- 4.16 SMS Forging

5. Prevention and Protection

- 5.1 Business Continuity
- 5.2 Disaster Recovery
- 5.3 System Backup
- 5.4 Security Assessments
- 5.5 Penetration Testing
- 5.6 Security Testing Tools
- 5.7 Monitoring
- 5.8 Intrusion Detection and Prevention
- 5.9 Vulnerability Assessment (VA)
- 5.10 Secure Coding
- 5.11 Incident Management
- 5.12 Risk Management

6. Cyber Forensics

- 6.1 Forensic Activities
- 6.2 Forensic Technologies
- 6.3 Chain of Custody Concept
- 6.4 Digital Forensics Life Cycle
- 6.5 Digital Forensics Tools
- 6.6 Forensics Analysis of E-Mail
- 6.7 Network Forensics
- 6.8 Computer Forensics and Steganography
- 6.9 Forensics and Social Media
- 6.10 Mobile Forensics
- 6.11 Computer Forensic Lab
- 6.12 Computer Forensic Team

7. Cyber Crime Investigation

- 7.1 Cyber Crime Investigation Basics
- 7.2 Pre-Investigation Technical Assessment
- 7.3 Detection and Containment
- 7.4 Digital Evidence Collection
- 7.5 Evidence Preservation
- 7.6 Evidentiary Reporting

- 7.7 Investigating Phishing Cases
- 7.8 Investigating Cyber Pornography Crimes
 7.9 Investigating Credit Card Fraud Cases

8. Cyber Law

- 8.1 IT Act
- 8.2 International Cyberspace Laws8.3 Other Law and Policy Agencies

Sample Questions

- 1. Computer forensics involves all of the following stated activities except
- A. Interpretation of computer data
- B. Manipulation of computer data
- C. Extraction of computer data
- D. None of the above
- 2. A set of instructions compiled into a program that performs a particular task is known as
- A. Central processing unit
- B. Software
- C. Hardware
- D. None of the above
- 3. The smallest addressable unit of data by a HDD generally consists of
- A. 64K
- B. 8 bits
- C. 512 bytes
- D. None of the above
- 4. A drive is prepared in three processes. The processes include all of the following except
- A. High-level formatting
- B. Low-level formatting
- C. Partitioning
- D. None of the above
- 5. Areas of files and disks that are not apparent to the user, and sometimes not even to the operating system, is termed as
- A. Latent data
- B. Hidden data
- C. Missing data
- D. None of the above

Answers: 1 (B), 2 (B), 3 (C), 4 (A), 5 (A)

Certifications

Accounting, Banking and Finance - Certified AML-KYC Compliance Officer

- Certified Business Accountant
 Certified Commercial Banker
 Certified Foreign Exchange Professional
- Certified GAAP Accounting Standards Professional
 Certified Financial Risk Management Professional
- Certified Merger and Acquisition Analyst
- Certified Tally 9.0 Professional
 Certified Treasury Market Professional
 Certified Wealth Manager

Big Data

- Certified Hadoop and Mapreduce Professional

▶ Cloud Computing

- Certified Cloud Computing Professional

DesignCertified Interior Designer

Digital Media

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

- Certified Export Import (Foreign Trade) Professional

> Health, Nutrition and Well Being

➤ Hospitality

— Certified Restaurant Team Member (Hospitality)

➤ Human Resources

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

Office Skills

- Certified Data Entry Operator
- Certified Office Administrator

Project Management
 Certified Project Management Professional

Real Estate

- Certified Real Estate Consultant

MarketingCertified 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 Purchase Manager
- 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 ASP.NET Programmer
 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
 Certified SEO Professional
- Certified Software Quality Assurance 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 Goverance Professional
 Certified Corporate Social Responsibility Professional

- 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:

Vskills

011-473 44 723 or info@vskills.in

www.vskills.com