



Certificate in Cloud Application Security Testing

Vskills Certifications

Vskills Brochure



Certificate in Cloud Application Security Testing

Cloud application security testing involves assessing and testing the defined policies, processes, controls, and technology governing information exchanges in cloud applications or collaborative cloud environments.

Cloud application security testing aims to identify security issues for a cloud-based application like hijacking of user accounts, data leakage, etc.

Why should one take Certificate in Cloud Application Security?

Cloud Application Security Testing has gained prominence due to widespread usage of cloud application especially due to COVID pandemic and work from home environments.

Vskills Certificate in Cloud Application Security Testing provides covers the security related issues as well as nuances of testing to design and execute test cases for cloud native applications.

The certification is a testament to your skills and knowledge in Cloud Application Security Testing and helps you to stand out amongst your peers to help in gaining better career prospects.

The certification covers

- Security Concepts
- Information Gathering
- Vulnerability Analysis
- Exploitation Techniques
- Cloud Data Security
- Cloud Application Security Testing

Who will benefit from taking Certificate in Cloud Application Security?

Information security professionals, software testing professional, engineers, team leads, senior QA engineers, managers will benefit immensely by opting for Vskills Certificate in Cloud Application Security Testing and make progress in their respective careers.

Students taking the certification also gain by showcasing their understanding of Cloud Application Security Testing and are able to increase their job opportunities.

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

Companies that hire Vskills Certificate in Cloud Application Security Professionals

Companies specializing in cloud services, security assessment and verification, software testing or software development are constantly hiring skilled Cloud Application Security Testers. IT companies, MNCs hire Cloud Application Security Testing professionals for cloud application testing related tasks. Companies employing Cloud Application Security Testing professionals include Google, TCS, Accenture, IBM, Tech Mahindra, GE, Amex, Deloitte, Wipro, TCS, etc.

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1. Cloud Security Challenges

- 1.1 Security Challenges in the Cloud
- 1.2 Cloud Delivery models - SaaS, PaaS, and IaaS
- 1.3 Cloud Deployment types - Public, Private, and Hybrid
- 1.4 Security Concepts Relevant to Cloud

2. Design Principles of a Secure Cloud

- 2.1 Business Continuity and Disaster Recovery Planning
- 2.2 Understand Cloud Data Lifecycle
- 2.3 Encryption Types and Availability

3. Cloud Platform and Infrastructure Security

- 3.1 Analyze Risks Associated to Cloud Infrastructure
- 3.2 Network and Virtualization Security
- 3.3 Infrastructure Security Testing
- 3.4 Network VAPT

4. Cloud Application Security

- 4.1 Understand Software Development Lifecycle (SDLC) Process
- 4.2 Comprehend Common Vulnerabilities - OWASP Top 10
- 4.3 SAST
- 4.4 DAST
- 4.5 Apply Security in SDLC
- 4.6 Pen Testing

5. Securing Cloud Application Architectures

- 5.1 Security Devices - WAF
- 5.2 Security Devices - DAM
- 5.3 Cryptography - TLS, SSL

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
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 - Certified Fitness Instructor
- ▶ **Hospitality**
 - Certified Restaurant Team Member (Hospitality)
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 - Certified HR Staffing Manager
 - Certified Human Resources Manager
 - Certified Performance Appraisal Manager
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 - Certified Data Entry Operator
 - Certified Office Administrator
- ▶ **Project Management**
 - Certified Master in Project Management
 - Certified Scrum Specialist
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 - Certified Real Estate Consultant
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 - Certified Marketing Manager
- ▶ **Quality**
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 - Certified Six Sigma Black Belt Professional
 - Certified TQM Professional
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 - Certified Logistics & SCM Professional
 - Certified Supply Chain Management Professional
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 - Certified IPR & Legal Manager
 - Certified Labour Law Analyst
 - Certified Business Law Analyst
 - Certified Corporate Law Analyst
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 - 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

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