

# EC-COUNCIL 312-96

EC-Council CASE Java Certification Questions & Answers

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312-96

[EC-Council Certified Application Security Engineer \(CASE\) - Java](#)  
50 Questions Exam - 70% Cut Score - Duration of 120 minutes

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#1 Online Certification Guide

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## Discover More about the 312-96 Certification

Are you interested in passing the EC-Council 312-96 exam? First discover, who benefits from the 312-96 certification. The 312-96 is suitable for a candidate if he wants to learn about Application Security. Passing the 312-96 exam earns you the EC-Council Certified Application Security Engineer (CASE) - Java title.

While preparing for the 312-96 exam, many candidates struggle to get the necessary materials. But do not worry; your struggling days are over. The 312-96 PDF contains some of the most valuable preparation tips and the details and instant access to useful [312-96 study materials just at one click](#).

### EC-Council 312-96 CASE Java Certification Details:

Exam Name	EC-Council Certified Application Security Engineer (CASE) - Java
Exam Code	312-96
Exam Price	\$330 (USD)
Duration	120 mins
Number of Questions	50
Passing Score	70%
Books / Training	<a href="#">Master Class</a>
Schedule Exam	<a href="#">Pearson VUE</a> OR <a href="#">EC-Council Store</a> , <a href="#">ECC Exam Center</a>
Sample Questions	<a href="#">EC-Council CASE Java Sample Questions</a>
Practice Exam	<a href="#">EC-Council 312-96 Certification Practice Exam</a>

### 312-96 Syllabus:

Topic	Details	Weights
Understanding Application Security, Threats, and Attacks	<ul style="list-style-type: none"> <li>- Understand the need and benefits of application security</li> <li>- Demonstrate the understanding of common application-level attacks</li> <li>- Explain the causes of application-level vulnerabilities</li> <li>- Explain various components of</li> </ul>	18%

Topic	Details	Weights
	comprehensive application security - Explain the need and advantages of integrating security in Software Development Life Cycle (SDLQ) - Differentiate functional vs security activities in SDLC - Explain Microsoft Security Development Lifecycle (SDU) - Demonstrate the understanding of various software security reference standards, models, and frameworks	
Security Requirements Gathering	- Understand the importance of gathering security requirements - Explain Security Requirement Engineering (SRE) and its phases - Demonstrate the understanding of Abuse Cases and Abuse Case Modeling - Demonstrate the understanding of Security Use Cases and Security Use Case Modeling - Demonstrate the understanding of Abuser and Security Stories - Explain Security Quality Requirements Engineering (SQUARE) Model - Explain Operationally Critical Threat, Asset, and Vulnerability Evaluation (OCTAVE) Model	8%
Secure Application Design and Architecture	- Understand the importance of secure application design - Explain various secure design principles - Demonstrate the understanding of threat modeling - Explain threat modeling process - Explain STRIDE and DREAD Model - Demonstrate the understanding of Secure Application Architecture Design	12%
Secure Coding Practices for Input Validation	- Understand the need of input validation - Explain data validation techniques - Explain data validation in strut framework - Explain data validation in Spring framework - Demonstrate the knowledge of common input validation errors	8%

Topic	Details	Weights
	<ul style="list-style-type: none"> <li>- Demonstrate the knowledge of common secure coding practices for input validation</li> </ul>	
<p>Secure Coding Practices for Authentication and Authorization</p>	<ul style="list-style-type: none"> <li>- Understand authentication concepts</li> <li>- Explain authentication implementation in Java</li> <li>- Demonstrate the knowledge of authentication weaknesses and prevention</li> <li>- Understand authorization concepts</li> <li>- Explain Access Control Model</li> <li>- Explain EJB authorization</li> <li>- Explain Java Authentication and Authorization (JAAS)</li> <li>- Demonstrate the knowledge of authorization common mistakes and countermeasures</li> <li>- Explain Java EE security</li> <li>- Demonstrate the knowledge of authentication and authorization in Spring Security Framework</li> <li>- Demonstrate the knowledge of defensive coding practices against broken authentication and authorization</li> </ul>	<p>4%</p>
<p>Secure Coding Practices for Cryptography</p>	<ul style="list-style-type: none"> <li>- Understand fundamental concepts and need of cryptography In Java</li> <li>- Explain encryption and secret keys</li> <li>- Demonstrate the knowledge of cipher class Implementation</li> <li>- Demonstrate the knowledge of digital signature and Its Implementation</li> <li>- Demonstrate the knowledge of Secure Socket Layer ISSUand Its Implementation</li> <li>- Explain Secure Key Management</li> <li>- Demonstrate the knowledge of digital certificate and its implementation</li> <li>- Demonstrate the knowledge of Hash implementation</li> <li>- Explain Java Card Cryptography</li> <li>- Explain Crypto Module in Spring Security</li> <li>- Demonstrate the understanding of Do's and Don'ts in Java Cryptography</li> </ul>	<p>6%</p>

<b>Topic</b>	<b>Details</b>	<b>Weights</b>
Secure Coding Practices for Session Management	<ul style="list-style-type: none"> <li>- Explain session management in Java</li> <li>- Demonstrate the knowledge of session management in Spring framework</li> <li>- Demonstrate the knowledge of session vulnerabilities and their mitigation techniques</li> <li>- Demonstrate the knowledge of best practices and guidelines for secure session management</li> </ul>	10%
Secure Coding Practices for Error Handling	<ul style="list-style-type: none"> <li>- Explain Exception and Error Handling in Java</li> <li>- Explain erroneous exceptional behaviors</li> <li>- Demonstrate the knowledge of do's and don'ts in error handling</li> <li>- Explain Spring MVC error handling</li> <li>- Explain Exception Handling in Struts2</li> <li>- Demonstrate the knowledge of best practices for error handling</li> <li>- Explain to Logging in Java</li> <li>- Demonstrate the knowledge of Log4j for logging</li> <li>- Demonstrate the knowledge of coding techniques for secure logging</li> <li>- Demonstrate the knowledge of best practices for logging</li> </ul>	16%
Static and Dynamic Application Security Testing (SAST & DAST)	<ul style="list-style-type: none"> <li>- Understand Static Application Security Testing (SAST)</li> <li>- Demonstrate the knowledge of manual secure code review techniques for most common vulnerabilities</li> <li>- Explain Dynamic Application Security Testing</li> <li>- Demonstrate the knowledge of Automated Application Vulnerability Scanning Toolsfor DAST</li> <li>- Demonstrate the knowledge of Proxy-based Security Testing Tools for DAST</li> </ul>	8%
Secure Deployment and Maintenance	<ul style="list-style-type: none"> <li>- Understand the importance of secure deployment</li> <li>- Explain security practices at host level</li> <li>- Explain security practices at network level</li> </ul>	10%

Topic	Details	Weights
	<ul style="list-style-type: none"> <li>- Explain security practices at application level</li> <li>- Explain security practices at web container level (Tomcat)</li> <li>- Explain security practices at Oracle database level</li> <li>- Demonstrate the knowledge of security maintenance and monitoring activities</li> </ul>	

## Broaden Your Knowledge with EC-Council 312-96 Sample Questions:

### Question: 1

Cost of Fixing vulnerabilities will be highest at which phase of SDLC?

- a) testing
- b) deployment
- c) design
- d) development

**Answer: b**

### Question: 2

What are the types of SAST?

- a) None of them
- b) Automated Source Code Analysis
- c) Both of them
- d) Manual Source Code Review

**Answer: c**

### Question: 3

An application is said to be secure when it ensures \_\_\_ of its restricted resources.

- a) confidentiality, integrity and availability
- b) confidentiality
- c) confidentiality, integrity and authenticity
- d) authenticity and availability

**Answer: a**

**Question: 4**

\_\_\_ blocks must be used to clean up code such as releasing resources, closing input I/O streams and deleting files.

- a) Finally
- b) Try
- c) Catch
- d) Throw

**Answer: a****Question: 5**

\_\_\_ may provide path to the attackers to perform injection attacks such as XSS attack, SQL injection attack, etc.,

- a) Insufficient Transport Layer Protection
- b) Insecure Direct Object Reference
- c) Improper Error Handling
- d) Improper Input Validation

**Answer: d****Question: 6**

Which of the following is not part of SDLC?

- a) Development
- b) Sales
- c) Design
- d) Deployment

**Answer: b****Question: 7**

\_\_\_ is thrown when a thread is interrupted while sleeping or waiting.

- a) Null Pointer Exception
- b) Arithmetic Exception
- c) Out Of Memory Error
- d) Interrupted Exception

**Answer: d**



**Question: 8**

Which of the following exceptions can occur due to Denial Of Service attack?

- a) Out Of Memory Error
- b) None of them
- c) Stack Over Flow Error
- d) Both of them

**Answer: c**

**Question: 9**

A successful application level attack may result into:

- a) All of the these
- b) Damages Reputation
- c) Financial Loss
- d) Disclosure of Business Information

**Answer: a**

**Question: 10**

In which phase of SDLC should you use SAST?

- a) Testing
- b) Development
- c) Design
- d) Release

**Answer: b**

## Avail the Study Guide to Pass EC-Council 312-96 CASE Java Exam:

- Find out about the 312-96 syllabus topics. Visiting the official site offers an idea about the exam structure and other important study resources. Going through the syllabus topics help to plan the exam in an organized manner.
- Once you are done exploring the [312-96 syllabus](#), it is time to plan for studying and covering the syllabus topics from the core. Chalk out the best plan for yourself to cover each part of the syllabus in a hassle-free manner.
- A study schedule helps you to stay calm throughout your exam preparation. It should contain your materials and thoughts like study hours, number of topics for daily studying mentioned on it. The best bet to clear the exam is to follow your schedule rigorously.
- The candidate should not miss out on the scope to learn from the 312-96 training. Joining the EC-Council provided training for 312-96 exam helps a candidate to strengthen his practical knowledge base from the certification.
- Learning about the probable questions and gaining knowledge regarding the exam structure helps a lot. Go through the [312-96 sample questions](#) and boost your knowledge
- Make yourself a pro through online practicing the syllabus topics. 312-96 practice tests would guide you on your strengths and weaknesses regarding the syllabus topics. Through rigorous practicing, you can improve the weaker sections too. Learn well about time management during exam and become confident gradually with practice tests.

## Career Benefits:

- Passing the 312-96 exam, helps a candidate to prosper highly in his career. Having the certification on the resume adds to the candidate's benefit and helps to get the best opportunities.

## Here Is the Trusted Practice Test for the 312-96 Certification

EduSum.Com is here with all the necessary details regarding the 312-96 exam. We provide authentic practice tests for the 312-96 exam. What do you gain from these practice tests? You get to experience the real exam-like questions made by industry experts and get a scope to improve your performance in the actual exam. Rely on EduSum.Com for rigorous, unlimited two-month attempts on the [312-96 practice tests](#), and gradually build your confidence. Rigorous practice made many aspirants successful and made their journey easy towards grabbing the EC-Council Certified Application Security Engineer (CASE) - Java.

**Start Online practice of 312-96 Exam by visiting URL**

**<https://www.edusum.com/ec-council/312-96-ec-council-application-security-engineer-java>**