



---

# EC-COUNCIL 112-55

---

**EC-Council DSE Certification Questions & Answers**

---

Exam Summary – Syllabus – Questions

---

**112-55**

**[EC-Council DevSecOps Essentials \(DSE\)](#)**

**75 Questions Exam – 70% Cut Score – Duration of 120 minutes**

## **Table of Contents:**

Know Your 112-55 Certification Well: .....	2
EC-Council 112-55 DSE Certification Details: .....	2
112-55 Syllabus: .....	3
EC-Council 112-55 Sample Questions: .....	4
Study Guide to Crack EC-Council DSE 112-55 Exam: .....	8

## Know Your 112-55 Certification Well:

The 112-55 is best suitable for candidates who want to gain knowledge in the EC-Council Essentials Series. Before you start your 112-55 preparation you may struggle to get all the crucial DSE materials like 112-55 syllabus, sample questions, study guide.

But don't worry the 112-55 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the 112-55 syllabus?
- How many questions are there in the 112-55 exam?
- Which Practice test would help me to pass the 112-55 exam at the first attempt?

Passing the 112-55 exam makes you EC-Council DevSecOps Essentials (DSE). Having the DSE certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

## EC-Council 112-55 DSE Certification Details:

Exam Name	EC-Council DevSecOps Essentials (DSE)
Exam Code	112-55
Exam Price	\$299 (USD)
Duration	120 mins
Number of Questions	75
Passing Score	70%
Schedule Exam	<a href="#">ECC Exam Center</a>
Sample Questions	<a href="#">EC-Council DSE Sample Questions</a>
Practice Exam	<a href="#">EC-Council 112-55 Certification Practice Exam</a>

## 112-55 Syllabus:

Topic	Details
Application Development Concepts	<ul style="list-style-type: none"> <li>- History of Application Development</li> <li>- Evolution of Application Development Methodologies</li> <li>- Introduction to Application Architectures</li> <li>- Introduction to the Application Development Lifecycle</li> <li>- Application Testing and Quality Assurance</li> <li>- Application Monitoring, Maintenance, and Support</li> </ul>
Application Security Fundamentals	<ul style="list-style-type: none"> <li>- What is Secure Application Development</li> <li>- Need for Application Security</li> <li>- Common Application Security Risks and Threats</li> <li>- OWASP Top 10</li> <li>- Application Security Techniques</li> <li>- Secure Design Principles</li> <li>- Threat Modeling</li> <li>- Secure Coding</li> <li>- Secure Code Review</li> <li>- SAST and DAST Testing</li> <li>- Secure Configurations</li> <li>- Educating Developers</li> <li>- Role of Risk Management in Secure Development</li> <li>- Project Management Role in Secure Application Development</li> </ul>
Introduction to DevOps	<ul style="list-style-type: none"> <li>- Introduction to DevOps</li> <li>- DevOps Principles</li> <li>- DevOps Pipelines</li> <li>- DevOps and Project Management</li> </ul>
Introduction to DevSecOps	<ul style="list-style-type: none"> <li>- Understanding DevSecOps</li> <li>- DevOps vs. DevSecOps</li> <li>- DevSecOps Principles</li> <li>- DevSecOps Culture</li> <li>- Shift-Left Security</li> <li>- DevSecOps Pipelines</li> <li>- Pillars of DevSecOps</li> <li>- DevSecOps Benefits and Challenges</li> </ul>
Introduction to DevSecOps Management Tools	<ul style="list-style-type: none"> <li>- Project Management Tools</li> <li>- Integrated Development Environment (IDE) Tools</li> <li>- Source-code Management Tools</li> <li>- Build Tools</li> <li>- Continuous Testing Tools</li> </ul>
Introduction to	<ul style="list-style-type: none"> <li>- Continuous Integration Tools</li> </ul>

Topic	Details
DevSecOps Code and CI/CD Tools	<ul style="list-style-type: none"> <li>- Infrastructure as Code Tools</li> <li>- Configuration Management Tools</li> <li>- Continuous Monitoring Tools</li> </ul>
Introduction to DevSecOps Pipelines	<ul style="list-style-type: none"> <li>- Role of DevSecOps in the CI/CD Pipeline</li> <li>- DevSecOps Tools</li> <li>- Embracing the DevSecOps Lifecycle</li> <li>- DevSecOps Ecosystem</li> <li>- Key Elements of the DevSecOps Pipeline</li> <li>- Integrating Security into the DevOps Pipeline</li> </ul>
Introduction to DevSecOps CI/CD Testing and Assessments	<ul style="list-style-type: none"> <li>- Implementing Security into the CI/CD Pipeline and Security Controls</li> <li>- Continuous Security in DevSecOps with Security as Code</li> <li>- Continuous Application Testing for CI/CD Pipeline Security</li> <li>- Application Assessments and Penetration Testing</li> </ul>
Implementing DevSecOps Testing & Threat Modeling	<ul style="list-style-type: none"> <li>- Integrating Security Threat Modeling in Plan Stage</li> <li>- Integrating Secure Coding in Code Stage</li> <li>- Integrating SAST, DAST, and IAST in Build and Test Stage</li> <li>- Integrating RASP and VAPT in Release and Deploy Stage</li> </ul>
Implementing DevSecOps Monitoring Feedback	<ul style="list-style-type: none"> <li>- Implementing Infrastructure as Code (IaC)</li> <li>- Integrating Configuration Orchestration</li> <li>- Integrating Security in Operate and Monitor Stage</li> <li>- Integrating Compliance as Code (CaC)</li> <li>- Integrating Logging, Monitoring, and Alerting</li> <li>- Integrating Continuous Feedback Loop</li> </ul>

## EC-Council 112-55 Sample Questions:

Question: 1

In the context of application architectures, what does the term 'scalability' refer to?

- a) The ability to function without errors
- b) The capacity to increase or decrease performance and cost in response to changes in application and system processing demands
- c) The complexity of the user interface
- d) The security measures integrated into the application

**Answer: b**

**Question: 2**

Why is the use of Infrastructure as Code (IaC) tools important in DevSecOps?

- a) To manually set up and manage infrastructure.
- b) To increase the time required to provision infrastructure.
- c) To automate the provisioning and management of infrastructure using code.
- d) To eliminate the need for version control in infrastructure setups.

**Answer: c**

**Question: 3**

What is a key characteristic of modern application architectures compared to traditional ones?

- a) Reduced scalability and adaptability
- b) Longer development cycles
- c) Increased dependency on monolithic structures
- d) Emphasis on modularity and microservices

**Answer: d**

**Question: 4**

Why is threat modeling important in secure application development?

- a) It is only useful after a breach has occurred.
- b) It helps in identifying, evaluating, and mitigating potential security threats early in the development process.
- c) It focuses exclusively on physical security threats.
- d) It decreases the understanding of potential security issues.

**Answer: b**

**Question: 5**

How does integrating security into the CI/CD pipeline benefit DevSecOps?

- a) It ensures security measures are only considered during post-deployment.
- b) It embeds security practices throughout the software development lifecycle, enhancing security without slowing down operations.
- c) It encourages ignoring security during early stages of development.
- d) It isolates security practices from the rest of the development process.

**Answer: b**

**Question: 6**

Which pillar of DevSecOps emphasizes ongoing assessment and adaptation of security practices?

- a) Continuous Integration
- b) Continuous Delivery
- c) Continuous Monitoring
- d) Continuous Development

**Answer: c**

**Question: 7**

Which methodology introduced the concept of continuous integration and continuous deployment (CI/Cd)?

- a) Waterfall
- b) Agile
- c) Spiral
- d) DevOps

**Answer: d**

**Question: 8**

What is the primary goal of integrating security threat modeling in the plan stage of DevSecOps?

- a) To identify potential security threats and vulnerabilities early in the development lifecycle.
- b) To postpone security considerations until the testing phase.
- c) To focus solely on external threats, ignoring internal security risks.
- d) To implement threat modeling only after deployment.

**Answer: a**

**Question: 9**

Which development methodology emphasizes customer collaboration over contract negotiation?

- a) Agile
- b) Waterfall
- c) V-model
- d) Spiral

**Answer: a**

**Question: 10**

How does Compliance as Code (Cac) facilitate regulatory compliance in DevSecOps?

- a) By manually tracking compliance requirements.
- b) By embedding compliance checks into the automation pipelines, ensuring continuous adherence to regulatory standards.
- c) By eliminating the need for compliance monitoring.
- d) By focusing only on compliance at the end of the development cycle.

**Answer: b**



## Study Guide to Crack EC-Council DSE 112-55 Exam:

- Getting details of the 112-55 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the 112-55 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the EC-Council provided training for 112-55 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the 112-55 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on 112-55 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

### Reliable Online Practice Test for 112-55 Certification

Make EduSum.com your best friend during your EC-Council DevSecOps Essentials exam preparation. We provide authentic practice tests for the 112-55 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual 112-55 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the 112-55 exam.

**Start Online practice of 112-55 Exam by visiting URL**

**<https://www.edusum.com/ec-council/112-55-ec-council-devsecops-essentials>**