

DevOps Institute DSOF

**DEVOPS INSTITUTE DEVSECOPS FOUNDATION CERTIFICATION
QUESTIONS & ANSWERS**

Exam Summary – Syllabus – Questions

DSOF

DevOps Institute Certified DevSecOps Foundation (DSOF)

40 Questions Exam – 65% Cut Score – Duration of 60 minutes

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Table of Contents

Know Your DSOF Certification Well:	3
DevOps Institute DSOF DevSecOps Foundation Certification Details:	3
DSOF Syllabus:	4
DevOps Institute DSOF Sample Questions:	5
Study Guide to Crack DevOps Institute DevSecOps Foundation DSOF Exam:	8

Know Your DSOF Certification Well:

The DSOF is best suitable for candidates who want to gain knowledge in the DevOps Institute DevSecOps. Before you start your DSOF preparation you may struggle to get all the crucial DevSecOps Foundation materials like DSOF syllabus, sample questions, study guide.

But don't worry the DSOF 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 DSOF syllabus?
- How many questions are there in the DSOF exam?
- Which Practice test would help me to pass the DSOF exam at the first attempt?

Passing the DSOF exam makes you DevOps Institute Certified DevSecOps Foundation (DSOF). Having the DevSecOps Foundation certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

DevOps Institute DSOF DevSecOps Foundation Certification Details:

Exam Name	DevSecOps Foundation
Exam Code	DSOF
Exam Fee	USD \$240
Exam Duration	60 Minutes
Number of Questions	40
Passing Score	65%
Format	Multiple Choice Questions
Books / Trainings	ONLINE LEARNING
Schedule Exam	DevOps Institute
Sample Questions	DevOps Institute DevSecOps Foundation Exam Sample Questions and Answers
Practice Exam	DevOps Institute Certified DevSecOps Foundation (DSOF) Practice Test

DSOF Syllabus:

Topic	Details
Cyber Threat Landscape (CTL)	- Tactics, techniques and procedures (TTPs) describe how threat agents orchestrate and manage attacks. Threat Models optimize security by identifying objectives and vulnerabilities such as OWASP top ten, before defining counter-measures. Continuous Delivery practices are engaged to realize continuous governance, risk management and compliance.
Realizing DevSecOps Outcomes	- Security is built into the value stream efficiently with empowered development teams implementing features securely, shift-left security testing, tools for automated feedback. Culture improvements instead of policy enforcements ensure security and software engineers are continuously cross-skilling and collaborating.
DevSecOps Practices	- Security is integrated into people, process, technology and governance practices. Continuous security practices for DevSecOps are implemented in onboarding processes for stakeholders. Security practices and outcomes are monitored and improved using data-driven decision making and response patterns. Lean and value stream thinking ensure that security does not cause waste, delays or constraints for flow.
Responsive DevSecOps Model	- Security is made continuously adaptive and auditable by breaking security silos, cultivating a symbiotic relationship between security and other business units. Security specific practices and integrated toolsets as code (such as security scans) enable automated security KPIs and observable security practices into the DevOps value stream.
Getting Started	- Value Stream Mapping establishes where security activities and bottlenecks currently happen. Collaborative design of a target value state map addresses security requirements, communication and automation improvements. Scope of the design includes practices for Artifact Management, Risk Management, Identity Access Management, Secrets Management, Encryption, Governance, Risk and Compliance, Monitoring and Logging, Incident response and learning.

Topic	Details
DevSecOps Stakeholders	- Gaps between traditional waterfall security cultures and fast-paced DevOps cultures, are removed by building collaboration and trust. Through improving credibility, reliability and empathy while reducing self-interest. Decisions are based on advice from everyone affected and people with expertise using systems thinking. Shared metrics assure adaptable governance using discipline, with automation, transparency and accountability.
Pipelines & Continuous Compliance	- Security test and scanning tools are integrated into the CI/CD pipeline to finding known vulnerabilities (published CVEs) and common software weaknesses (CWEs). Repetitive security tasks are automated such as configurations, Fuzz testing and long running security tasks. Compliance as Code helps in automating compliance requirements to foster collaboration, repeatability, and continuous compliance.
Learning Using Outcomes	- Continuous DevSecOps learning programs are implemented to meet evolving security requirements for the organization and individuals using strategies such as lunch and learns, mentoring, professional education, employee learning plans, structured training classes, Dojos, retrospective learning, gamification, and DevOps Institute SKILup Days.

DevOps Institute DSOF Sample Questions:

Question: 1

Which of the following are best practices for secure DevSecOps pipelines?

(Select two)

- a) Implementing least privilege access controls
- b) Using automated secrets management solutions
- c) Hardcoding API keys in source code for easy access
- d) Disabling logging to prevent sensitive data leaks

Answer: a, b

Question: 2

The process of ensuring security is a shared responsibility across all teams in DevSecOps is called _____.

- a) Security culture transformation
- b) Manual security enforcement
- c) Security avoidance
- d) Compliance-only security

Answer: a

Question: 3

How should organizations introduce security into their DevOps pipelines?

- a) By delaying security implementations to avoid disrupting development
- b) By limiting security testing to production environments
- c) By conducting security audits only at the end of development
- d) By integrating security tools into CI/CD processes

Answer: d

Question: 4

Why is real-time incident response important in a Responsive DevSecOps Model?

- a) It delays security patches until a full investigation is completed
- b) It replaces the need for security automation tools
- c) It minimizes the impact of security breaches and reduces recovery time
- d) It ensures that only security teams handle security incidents

Answer: c

Question: 5

Why is executive leadership support crucial for DevSecOps adoption?

- a) It removes the need for compliance in security strategies
- b) It ensures that security is handled only by IT teams
- c) It eliminates the need for automated security testing
- d) It helps align security objectives with business goals and provides necessary resources

Answer: d

Question: 6

Who are the key stakeholders in a DevSecOps environment?

- a) Only security teams, as they are responsible for security
- b) Only developers, as they write the application code
- c) Developers, security teams, operations, and business leaders
- d) Only operations teams, as they maintain infrastructure

Answer: c

Question: 7

How can DevSecOps teams proactively identify security vulnerabilities?

(Select two)

- a) Disabling logging to prevent excessive data collection
- b) Avoiding security testing in production environments
- c) Implementing continuous security monitoring
- d) Conducting regular vulnerability scanning and penetration testing

Answer: c, d

Question: 8

In DevSecOps, the process of integrating security tools and practices into DevOps workflows from the beginning is called _____.

- a) Continuous delivery
- b) Shifting security left
- c) Reactive security
- d) Static testing

Answer: b

Question: 9

What is the role of developers in DevSecOps?

- a) Writing secure code and integrating security best practices into development workflows
- b) Delegating security responsibilities entirely to the security team
- c) Ignoring security concerns to focus solely on functionality
- d) Manually reviewing all security logs and compliance reports

Answer: a

Question: 10

A security framework that continuously adjusts security controls based on real-time data is known as _____ security.

- a) Adaptive
- b) Static
- c) Manual
- d) Scheduled

Answer: a

Study Guide to Crack DevOps Institute DevSecOps Foundation DSOF Exam:

- Getting details of the DSOF 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 DSOF 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 DevOps Institute provided training for DSOF 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 DSOF 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 DSOF practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for DSOF Certification

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