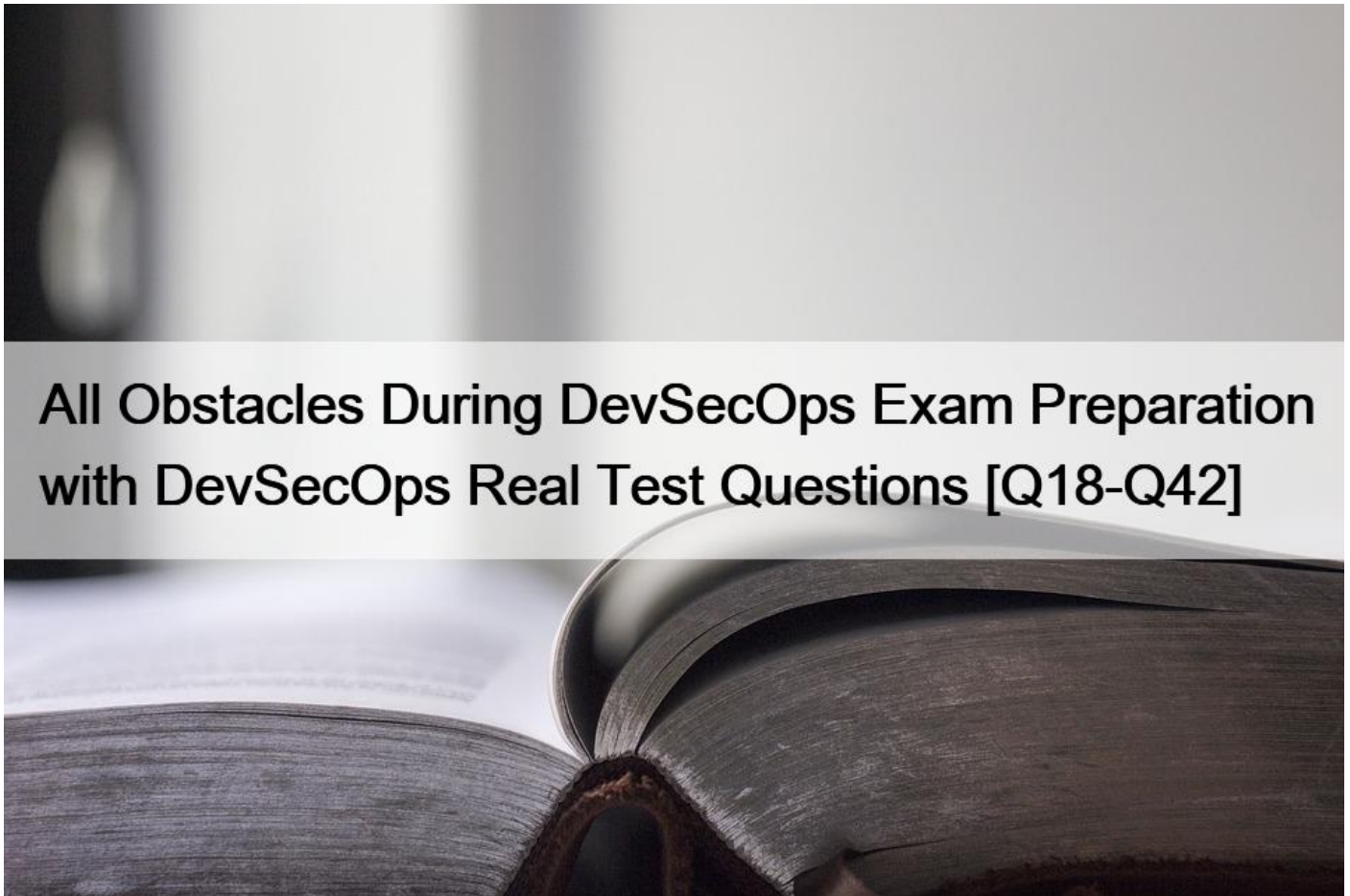# All Obstacles During DevSecOps Exam Preparation with DevSecOps Real Test Questions [Q18-Q42

All Obstacles During DevSecOps Exam Preparation with DevSecOps Real Test Questions Fully Updated Free Actual Peoplecert DevSecOps Exam Questions

Peoplecert DevSecOps Exam Syllabus Topics:

TopicDetailsTopic 1- Learn about the Importance of Core Application Security Design Principles- How DevOps and Security teams can coexist, and the three Layers of DevSecOpsTopic 2- Importance of the three ways, the five ideals of DevOps, and how to define DevSecOps- Types of Attacks, and Adversaries and their WeaponsTopic 3- Threat Modeling, Clean Code and Rugged DevOps, Naming Conventions- Informal Learning, Security Standards, Best Practices, and RegulationsTopic 4- Learn what DevOps is, it's key principles and concepts, the business and IT challenges it tries to address- Pair Programming and Peer ReviewsTopic 5- Learn about the Critical Nature of Security Education, Security Champions, Formal Learning- Understand how security is implied in DevOpsTopic 6- Learn about Technical Debt Reduction, Measurement and Adjustment, and DevSecOps as Culture- The Foundation for DevSecOps

Q18. When of the following BEST describes now developers and organizations can use the Open web Security Project (OWASP) top ten security risks tor web applications?

* It provides strict guidance on the compliance regulations of web application design.
* It provides a starting place for awareness, education and development of test models
* It provides audit assessment tools to determine if a web application is NIST compliant.
* It provides a check list for designing applications using microservices architecture

Q19. Which of the following BEST describes the goal of the security principle of accountability and non-repudiation?
* Neither the sender nor the recipient of information or activity can later deny the transaction took place
* Trust between two parties is enhanced by a set of practices that validate integrity of data transmissions
* Corporate reputation is maintained when practicing good authentication and data validation procedures
* Confidence between consumer and provider is achieved when users manage passwords *i a defined way

Q20. When of the following BEST describes a benefit of immutable objects?
* Deployments are more predictable
* Feature changes are less risky
* Releases are completed faster
* Changes are more successful

Q21. Which of following BEST describes the types of identity-confirming credentials in four-factor authentication?

1. Recognition

2. Ownership

3. Knowledge

4. inherence
* 1 and 2
* 3 and 3
* 3 and 4
* 1 and 4

Q22. When of the following BEST describes now the security principle of validation of a user’s access and actions differ within a DevSecOps mindset versus a more traditional approach to this principle?
* The ad of validation is at the point of access
* The act of validation is at the point of request
* The act of validation is continuous and ongoing
* The act of validation focuses on credentials.

Q23. Which of the following BEST describes an example of technical or design dew when designing for defensibility?
* Not including the addition of security controls in the definition of done
* Not establishing all the product requirements prior to the first iteration
* Not prioritizing the set of critical customer feature in the current sprint
* Not developing comprehensive documentation and training material

Q24. When of the following statements BEST describes penetration testing?
* A coordinated cyber attack to check simulated vulnerabilities
* A planned cyber attack to check for actionable vulnerabilities
* A coordinated cyber attack to check for planned vulnerabilities
* A simulated cyber attack to check for exploitable vulnerabilities

Q25. An organization does not allow servers to be upgraded.

The scenario BEST describes which of the following?
* Mutable infrastructure
* Data integrity
* immutable infrastructure
* Data security

Q26. An organization is developing a web-based application using a representational state transfer (REST) web-based architecture that’s based on an HTTP protocol.

When of the following BEST describes the key elements of a REST request model?1

1. Client side software

2. Microservice design

3. Object oriented

4. Server-side API
* 1 and 2
* 2 and 3
* 3 and 4
* 1 and4

Q27. Which of the following BEST describes the goats of phishing?

1. Update web browser

2. Install risky malware

3. Steal key user data

4. Push new products
* 1 and 2
* 2 and 3
* 3 and 4
* 1 and 4

Q28. Which of the following BEST describes a key characteristic of a lesson learned that ensures it will be used to reduce or eliminate the potential foe failures and future mishaps?
* It is valid in factual and technical correctness
* It is a confirmed historical act or outcome
* The majority of stakeholders believe the data to be true
* A third party has identified the past activity as significant

Q29. Which of the following BEST describes continuous deployment?
* A software release process that uses automated testing and autonomous deployment
* A coding approach where branches are merged to a master branch multiple times a day
* A rapid incident response plan for increased visibility and mitigation of failure

* A set of practices to ensure code can be deployed rapidly and safely to production

Q30. When of the following BEST describes the type of data that requires both the sender and receiver to have encrypt/decrypt capacities?
* Data in database
* Data in local files
* Data in email message
* Data in memory card

Q31. When of the following is BEST described as "a benefit of using a standard naming convention"?
* Sortability
* Abstraction
* indexation
* Readability

Q32. Which of the following BEST describes a public key cryptography architect?
* A person sends a message that is encrypted by using their private key, and the receiver must also use that private key to decipher the message.
* Messages are encrypted into cipher text and then are deciphered upon receipt by using a pair of public keys.
* Messages are encrypted into cipher text and then are deciphered upon receipt by using a pair of secure private keys.
* A person sends a message that is encrypted by the use of a public key, and the receiver can decipher the message using their private key.

Q33. When of the following BEST describes a type of firewall?
* Computer-based
* System-based
* User-based
* Cloud-based

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