

[Mar-2023] The Best PeopleCert DevOps Study Guide for the DevOps-SRE Exam [Q10-Q28]



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DevOps-SRE certification guide Q&A from Training Expert BraindumpsIT

Peoplecert DevOps-SRE Exam Syllabus Topics:

TopicDetailsTopic 1- Learn how to coordinate a launch, manage your releases- Building the SRE PracticeTopic 2- Service Level Objectives (SLO), Error Budgets, Service Level Agreements (SLA)- Connection between SRE and Customer Reliability Engineering (CRE)Topic 3- Build a successful deployment pipeline- Core SRE Principles and PracticesTopic 4- Understand what production readiness review and configuration management are- Understand clear Incident Escalation PathsTopic 5- Incident Management Procedures, and Blameless Postmortems- What Is Site Reliability Engineering (SRE)Topic 6- Learn about the DevOps Teams, the key characteristics and skills of an SRE- SRE in Business Continuity

QUESTION 10

Reliability is a key pillar to digital experience monitoring and the management of incidents.

Which of the following describes the BEST type of reliability monitoring strategy in SRE?

- * A strategy that uses traditional and familiar monitoring tools rather than advanced artificial intelligence
- * A strategy that instruments observability and provides monitoring insights across an components and layers
- * A strategy that focuses on monitoring and discovering useful patterns and the performance of all active networks
- * A strategy that harnesses advanced technologies to measure, analyze, and maintain the fitness of applications

QUESTION 11

Which or the following BEST describes a business continuity plan?

- * The way me organization maintains operations during a disaster
- * The way mat data, flies applications, and systems are restored
- * The activity of returning a configuration item back to normal
- * The management of risks that seriously affect the organization

QUESTION 12

Which of the following is BEST described as the role responsible to maintain the live incident state document?

- * The logistics specialist
- * The communications lead
- * The planning specialist
- * The incident commander

QUESTION 13

Which scenario BEST illustrates how stability and agility can be achieved with simplicity?

- * An SRE team is adopting easy to understand change procedures to streamline the process
- * An SRE team is releasing a major update by automating continuous and small deployments
- * An SRE team is creating procedures, practices and tools that render software more reliable
- * An SRE team is protecting reliability by using processes and procedures to control updates

QUESTION 14

Which of me following BEST defines a service level indicator (SLI)?

- * A subjective measure of the consequences if the level of service is not achieved
- * A subjective assessment of the performance aspects of the level of service required
- * A quantitative target value for aspects of the level of service that are provided
- * A quantitative measure of some aspect of the level of service that is provided

QUESTION 15

Following a major outage, an analysis of the outage is conducted. This BEST describes an example of which of the following?

- * A follow-up culture
- * A major incident culture
- * A postmortem culture
- * A problem culture

QUESTION 16

Which of me following BEST describes an advantage of a container-based structure?

- * The portability created by containers enables software to run independently of the host operating system

- * The lightweight nature of containers requires fewer developers to actually create the software code
- * Software runs much more efficiently in containers because of the* ability to run on virtual machines
- * The security of applications in containers is simplified because they share the security of the host system

QUESTION 17

Microservices are independent services that are developed, deployed, and maintained separately. Which of the following BEST justifies the use of this application architecture?

- * Modernizing and refactoring legacy applications
- * Modernizing the user interface of the core system
- * Creating a simple, lightweight business application
- * Building a basic product, fast, as a proof of concept

QUESTION 18

Which of the following BEST illustrates the role of a launch coordination engineer?

- * A server engineer who is focused on rolling out a dynamically scaled application hosting environment
- * A software developer focused on building an efficient application startup and shutdown performance
- * A software engineer who acts as a consultant and liaison between the parties involved in a launch
- * A site reliability engineer who is focused on stabilizing manual tuning and event monitoring activities

QUESTION 19

Which of the following is the BEST description of a customer reliability engineer (CRE)?

- * They take a software engineering approach to redesign all cloud services
- * They use deep engineering expertise to improve the cloud provider's services
- * They work with the cloud provider's SRE team to ship and build new features
- * They integrate with the customer's operations team to share responsibilities

QUESTION 20

Which of the following communication and collaboration practices BEST contribute to the effectiveness of the SRE team?

- * Project managers share limited data only upon request.
- * Data is flowing freely within and around the SRE team
- * Data in SRE should be managed separately from others.
- * Team members should manage their own data discretely.

QUESTION 21

Which scenario BEST illustrates the swarming concept used during incident management?

- * An incident analyst route escalates by assessing a consolidated list of next-level support teams and their area of expertise
- * A high-level specialist support team constantly reviews their incoming incident queue to respond instantly to escalations
- * A mid-level support team continually monitors escalated incidents to assign teams to ensure they are making progress
- * A group of specialist teams meet and review a queue of escalated incidents to determine who should work on which one

QUESTION 22

Identify the missing word(s) in the following sentence.

Site reliability engineering is a _____ approach to IT operations.

- * ….structural engineering….
- * ….security engineering….
- * ….software engineering….
- * ….simulation engineering….

QUESTION 23

Which of the following BEST identifies a desired objective of the production readiness review (PRR)?

- * To ensure the service is ready for an SRE team to take over support and care for it
- * To improve the reliability of the service in the development and testing environment
- * To validate the service meets international quality standards and frameworks
- * To ensure the service owner transitions operational accountability to the SRE team

QUESTION 24

“Problem-solving with a group of people with different skillsets”

Which of the following concepts is BEST inferred by the above statement?

- * Coordination
- * Collaboration
- * Communication
- * Cooperation

QUESTION 25

Which of the following BEST describe the characteristics of a product team?

1. They are small and collaborative
 2. They have cross-functional skillsets
 3. They do not share responsibilities.
 4. They discourage any feedback
- * 1 and 2
 - * 2 and 3
 - * 3 and 4
 - * 1 and 4

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