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Exam DevOps-SRE

PeopleCert DevOps Site Reliability Engineer (SRE)

Version: 3.0

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Question No : 1

When of the following BEST completes the definition of a canary release?

A new set of features 6 released…..

A. using a roiling wave technique
B. first to a small group of users
C. to one small group after another
D. first to a trial test environment

Answer: B

Question No : 2

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

Answer: B

Question No : 3

Which of the following BEST describes capacity planning?

A. Monitoring the percentage of capacity of resources being used over a time period
B. Activities performed to manage provider resources and provide multiple services
C. Activates used to create a plan that manages resources to meet service demand
D. Determining the maximum amount that any resource can accommodate or deliver

Answer: D

Question No : 4

Which or the following B6ST identifies a desired objective of the production reachless review (PRR)?

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

Answer: C

Question No : 5

Which of the following is the MOST accurate description of Kubemetes?

A. A proprietary system developed to automate the integration, building, testing and deployment of application containers
B. An independent platform mat enables organizations to implement continuous integration and delivery practices
C. A platform used to manage containers in a cloud environment and also includes automated scaling and failover
D. An open-source operating system on which containerized applications can be run monitored and managed efficiently

Answer: C

Question No : 6

Which or the following BEST describes a business continuity plan?

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

Answer: A

Question No : 7

When outages are repetitive and similar they become a form of toll.

Which or the following describes the MOST compelling reason to adopt advanced technologies and artificial intelligence (AI)?

A. To increase reliability by reducing MTTR and MTRS
B. To increase the mean time to repair services (MTTR)
C. To increase the mean tune to restore services (MTRS)
D. To increase reliability and achieve perfect MTRS

Answer: A

Question No : 8

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

Site reliability engineering is a_____approach to IT operations.

A. ....structural engineering....
B. ....security engineering....
C. ....software engineering....
D. ....simulation engineering....

Answer: C

Question No : 9

Which TWO of the following are BEST described as traditional escalation paths?

1. Functional

2. Hierarchical

3. Cyclical

4. Logical

A. 1 and 2
B. 2 and 3
C. 3 and 4
D. 1 and 4

Answer: A

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

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

Answer: D

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

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

Answer: B

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

A. The portability created by containers enables software to run independently of the host operating system
B. The lightweight nature of containers requires fewer developers to actually create the software code
C. Software runs much more efficiently in containers because of the* ability to run on virtual machines

D. The security of applications in containers is simplified because they share the security of the host system

Answer: A

Which of the following terms is BEST described by the definition below?

The probability that the system will meet certain performance standards and yield correct output for a specific time.

A. Availability
B. Reliability
C. Durability
D. Throughput

Answer: B

The value of data-driven measurements can be MOST accurately explained by which of the following?

A. An analysis and understanding of data helps to ensure fact-based decision-making
B. The garnering of data will provide an the necessary facts to enable better decisions
C. Data mining enables an organization to determine the legitimacy of all metrics
D. Objectives can only be appropriately designed when based upon actual data

Answer: A

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

A. A follow-up culture
B. A major incident culture
C. A postmortem culture
D. A problem culture