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The PeopleCert DevOps-SRE certification exam is designed to test the knowledge and skills of IT professionals who are interested in becoming a DevOps Site Reliability Engineer. PeopleCert DevOps Site Reliability Engineer (SRE) certification is for individuals who have experience in DevOps and want to specialize in SRE. DevOps-SRE exam covers a wide range of topics, including infrastructure automation, monitoring, incident management, and service reliability engineering.

The PeopleCert DevOps-SRE (PeopleCert DevOps Site Reliability Engineer) exam is designed to validate the skills and knowledge required to manage and maintain complex systems at scale using DevOps and SRE (Site Reliability Engineering) practices. DevOps-SRE Exam is ideal for professionals who want to prove their expertise in designing and implementing reliable and resilient systems for their organizations. DevOps-SRE exam covers a wide range of topics, including DevOps principles and practices, automation, monitoring, incident management, and service level agreements.

DevOps Site Reliability Engineering is an emerging discipline that combines software development and IT operations. It is focused on improving the reliability, scalability, and performance of software systems. Site Reliability Engineers use a range of tools and techniques to automate the deployment, monitoring, and maintenance of applications and infrastructure.

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Peoplecert PeopleCert DevOps Site Reliability Engineer (SRE) Sample Questions (Q38-Q43):

NEW QUESTION # 38

"Problem-solving with a group of people with different skillsets"

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

- A. Coordination
- B. Cooperation
- C. Communication

- **D. Collaboration**

Answer: D

NEW QUESTION # 39

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

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

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

Answer: D

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

SRE defines toil as "manual, repetitive, automatable, tactical work tied to running a service" (SRE Book - Eliminating Toil).

Repetitive outages are specifically noted as a form of operational toil. The SRE Book and SRE Workbook emphasize adopting automation, intelligent tooling, and machine-learning-assisted systems to reduce toil and decrease Mean Time to Repair (MTTR) and Mean Time to Restore Service (MTRS). The books state: "Reducing MTTR directly increases system reliability more effectively than attempting to eliminate all failures." (SRE Book - Chapter: Managing Incidents).

AI and advanced automation help detect issues faster, classify patterns, trigger automated remediation, and reduce human intervention-delivering reliability gains through faster repair rather than perfect uptime.

Option A is the only option aligned with SRE's reliability philosophy.

Options B and C incorrectly suggest increasing MTTR/MTRS.

Option D refers to "perfect MTRS," which is impossible and contradicts SRE's acceptance of failure.

Thus, A is correct.

References:

Site Reliability Engineering, Chapter: "Eliminating Toil," "Managing Incidents." The Site Reliability Workbook, ML/automation case studies.

NEW QUESTION # 40

Which of the following is the definition for Application Performance Management (APM)?

- A. The highly automated communications process by which measurements are made and other data collected at remote or inaccessible points and transmitted to receiving equipment for monitoring
- B. The use of a hardware or software component to monitor system resources and performance of a computer system
- **C. The monitoring and management of performance and availability of software applications**
- D. Ways for engineers to communicate quantitative data about systems

Answer: C

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

Application Performance Management (APM) refers to a set of tools and practices used to monitor and manage the performance, behavior, and availability of software applications. Although APM is not defined exclusively in the Google SRE Book, it is described within the broader context of monitoring and observability.

In the SRE Workbook, under Monitoring:

"Application monitoring tools provide insights into the performance, latency, availability, and behavior of applications to help engineering teams maintain reliability." Industry-standard APM frameworks (including Google Cloud Operations Suite, formerly Stackdriver) define APM as:

"The monitoring and management of application performance and availability." Why the other options are incorrect:

* A describes telemetry, not APM.

* C describes system monitoring (infrastructure), not application performance monitoring.

* D refers to communication of metrics, not the monitoring of application performance.

Therefore, B is the correct definition.

References:

SRE Workbook, "Monitoring"

NEW QUESTION # 41

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

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

Answer: B

NEW QUESTION # 42

In which of the following SRE adoption models is reliability a 'first class citizen'?

- A. Platform
- **B. Full**
- C. Consulting
- D. Embedded

Answer: B

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

In the Full SRE model, reliability becomes a first-class citizen because SREs own the complete operational responsibility for the service and apply SRE principles end-to-end. The Google SRE Book describes several adoption models (Consulting, Embedded, and Full), and only the Full SRE model has SREs fully accountable for reliability outcomes.

From the Site Reliability Engineering Book, Chapter "SRE Engagement Models":

"In the Full SRE model, the SRE team is responsible for end-to-end reliability. Reliability becomes a first- class objective, supported through SLOs, error budgets, and systematic reduction of toil." The Full model includes:

- * Full ownership of reliability
- * Enforcement of SLOs
- * Error budget policies
- * Engineering-driven improvement

Other models:

- * Consulting # SRE gives guidance but doesn't own reliability
- * Embedded # temporary embedding to train teams, not full ownership
- * Platform # focuses on shared tooling, not service ownership

Thus, D. Full is correct.

References:

Site Reliability Engineering Book, "Engagement Models"

SRE Workbook, "Adopting SRE in Your Organization"

NEW QUESTION # 43

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