

New Peoplecert DevOps-Foundation Dumps Ppt - DevOps-Foundation Reliable Exam Questions



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Peoplecert DevOps-Foundation Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">Sharing, Shadowing and Evolving: This section of the exam measures the skills of IT operations specialists and covers the collaborative and adaptive elements of DevOps in enterprise settings. It explores leadership, typical barriers and risks, and outlines how organisations can evolve their DevOps practices through continuous learning, peer shadowing, and experience-based transformation.
Topic 2	<ul style="list-style-type: none">Automation, Architecting DevOps Toolchains: This section of the exam measures the skills of IT operations specialists and covers key automation principles within the DevOps toolchain. It focuses on CICD pipelines, Infrastructure as Code, containerisation, cloud-native architecture, platform engineering, and emerging technologies like Machine Learning and Generative AI in DevOps contexts.
Topic 3	<ul style="list-style-type: none">Exploring DevOps: This section of the exam measures the skills of DevOps engineers and covers the foundations of DevOps, including its emergence as a critical discipline in the digital era. It introduces learners to the basic purpose, evolution, and significance of DevOps in modern software and infrastructure environments.
Topic 4	<ul style="list-style-type: none">Key DevOps Practices: This section of the exam measures the skills of DevOps engineers and covers core DevOps practices including Continuous Integration, Continuous Testing, Continuous Delivery, and Continuous Deployment. It explores concepts such as Site Reliability Engineering, DevSecOps, Value Stream Management, Platform Engineering, and modern practices like ChatOps and observability.

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PeopleCert DevOps Foundation v3.6 Exam Reliable Exam Questions

Actual IT field is leaping up day by day and more people are pursuing it as a career than ever. Due to these reasons, candidates find it difficult to land their dream job and often face difficulty in finding the right career opportunities. But to overcome this issue, the DevOps-Foundation Exam is introduced by Peoplecert that provides candidates with a sustainable platform to examine their true capabilities and surf through their desired opportunities.

Peoplecert PeopleCert DevOps Foundation v3.6 Exam Sample Questions (Q77-Q82):

NEW QUESTION # 77

The goal of which role is the creation of ultra-scalable and highly reliable software systems?

- A. Software engineer
- B. Site reliability engineer
- C. Site resilience engineer
- D. Product Owner

Answer: B

Explanation:

The Site Reliability Engineer (SRE) role originated at Google and is now widely recognized. SREs apply software engineering principles to IT operations to create systems that are scalable, reliable, and highly available. Their responsibilities include:

- * Designing reliability into systems (SLIs, SLOs, SLAs)
- * Automating operational tasks to reduce toil
- * Building monitoring and alerting systems
- * Performing capacity planning and disaster recovery exercises

A (Site resilience engineer) is not a standard industry term. C (Software engineer) focuses on developing applications but not specifically on operational reliability. D (Product Owner) is a role in Agile frameworks that manages product backlog and priorities, not system reliability.

Thus, the correct answer is B - Site Reliability Engineer.

References:

PeopleCert DevOps Foundation v3.6 - Roles in DevOps

Google SRE Book - Principles and Practices

NEW QUESTION # 78

What is the ideal structure for a DevOps Team?

- A. There is no ideal structure for a DevOps Team
- B. A permanent cross-functional team led by a DevOps Engineer
- C. An expanded Scrum Team that includes members from security, QA and Ops
- D. A cross-functional 'tiger team' for short-term projects

Answer: A

Explanation:

PeopleCert DevOps Foundation v3.6 emphasizes that there is no single "ideal" team structure for DevOps.

The optimal structure depends on organizational size, maturity, product complexity, and culture.

While cross-functional teams (as described in A and C) are common in mature DevOps environments, and temporary tiger teams (B) may be used for rapid initiatives, the key is flexibility. Some organizations integrate DevOps practices into existing teams, while others create dedicated platform teams, guilds, or enablement teams.

The focus should be on removing silos, fostering collaboration, and aligning around value streams—not adhering to a rigid structure.

References:

PeopleCert DevOps Foundation v3.6 - Team Structures

Team Topologies by Skelton & Pais - Team Patterns in DevOps

NEW QUESTION # 79

Which two measures together BEST show shared success across technology teams?

- A. Mean Time to Repair (MTTR) and change failure rate
- B. Employee retention and Net Promoter Score
- C. Deployment frequency and change lead/cycle time
- D. **Throughput and stability**

Answer: D

Explanation:

The two best measures to show shared success across technology teams are throughput and stability:

- * Throughput(deployment frequency, lead time): Measures how fast teams deliver value.
- * Stability(change failure rate, MTTR): Measures how reliably systems operate.

Why these two?

Focusing on both ensures teams deliver quickly and safely. High throughput without stability causes outages; stability without throughput slows business.

Other options:

- * Deployment frequency + change lead/cycle time: Both are throughput measures, missing stability.
- * MTTR + change failure rate: Both are stability, missing throughput.
- * Employee retention and NPS: People measures, not delivery.

Extract-style reference:

"High performers in DevOps exhibit both high throughput (deployments per day) and high stability (low failure rates, fast recovery), proving it's possible to achieve both."

-Accelerate: The Science of Lean Software and DevOps, Ch. 2

PeopleCert DevOps Foundation v3.6: Shared success is about flow and reliability, not just one or the other.

NEW QUESTION # 80

Why are Lean tools and practices critical to DevOps?

- A. They help ensure that teams are organized into collaborative communities
- B. **They help identify waste and assist in the creation of improvement practices**
- C. They help developers identify requirements for minimum viable products and services
- D. They help ensure that core (soft) skills were taught to software developers

Answer: B

Explanation:

Lean tools and practices are foundational to DevOps because they help organizations systematically identify and eliminate waste, optimize value delivery, and continuously improve processes.

* Lean thinking focuses on value stream mapping, reducing delays, bottlenecks, over-processing, handoffs, rework, and unnecessary tasks—core to making DevOps successful.

* Option D, "They help identify waste and assist in the creation of improvement practices," perfectly captures this focus.

Extract-style reference:

"Lean enables teams to identify value and non-value-added activities and to use continuous improvement techniques such as Kaizen, value stream mapping, and removing waste."

-DevOps Handbook

PeopleCert DevOps Foundation v3.6: Lean tools like Value Stream Mapping, 5S, and Kaizen are cited as critical enablers for optimizing the flow and improving IT and business alignment.

NEW QUESTION # 81

IT Operations have created a set of centralized platforms and tooling services that any dev team can use to be more productive using guidance from The DevOps Handbook.

Which of the following key characteristics does it have?

- A. **All of the above**
- B. A deployment pipeline that automatically runs code quality and security scanning tools
- C. A shared version control repository with pre-blessed security libraries
- D. Deploys applications into known good environments with production monitoring

Answer: A

Explanation:

A centralized platform in DevOps provides standardized, reusable services to development teams, improving productivity and reducing duplication. Characteristics include:

- * A: Centralized version control with approved security libraries promotes consistent and secure coding practices.
- * B: Automated pipelines that include quality and security scans ensure compliance and quality are built-in, not bolted on.
- * C: Deployment to validated environments with monitoring enables quick detection and resolution of issues.

Since all three characteristics (A, B, C) are described in PeopleCert and The DevOps Handbook as best practices, D-All of the above-is correct.

References:

PeopleCert DevOps Foundation v3.6 - Platform Engineering
The DevOps Handbook- Internal Platforms and Standardization

NEW QUESTION # 82

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