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Exam : **C5050-300**

Title : Foundations of IBM DevOps V1

Version : DEMO

1.A utility company wants to transform to a DevOps and agile organization that can deliver multiple changes to their applications in production every day.
Currently, they follow a waterfall development approach. They are organized into business, development and operations silos. They typically code using Java and COBOL and their test and staging environments are manually provisioned. They have to wait many days for test environments to be available and root cause analysis is rarely performed. Changes are often rolled back due to defects found in production and there is no way for users to provide feedback.
Which problem should be addressed first?
A. Align the stakeholders around common goals, KPIs and shared objectives.
B. Re-educate the developers to code in modern languages like Node / Ruby / Python.
C. Perform mandatory root-cause-analysis on all defects.
D. Setup awebpage where users can log defects and improvement requests.
Answer: A

2.Which volume of the Information Technology Infrastructure Library (ITIL) should be an integral part of every stage of the ITIL service management framework?
A. ITILService Design
B. ITIL Service Operations
C. ITIL Continual Service Improvement
D. ITIL Service Strategy
Answer: C

3.After executing assessments and workshops, it has been determined that 80% of developments time is related to waiting for responses from various departments. What should the organization do to fix these bottlenecks?
A. Create a global enablement plan. Once each professional has more expertise they will be able to do their job faster and improve the overall productivity.
B. Automate the development and operation process with continuous delivery tools.
C. Create highlyspecialized SWAT teams for requirements management, testing and deployment.
D. Change to a dedicated cells approach, with self-sufficient teams composed of several skills.
Answer: B

4.Which statement describes a security consideration introduced by adopting DevOps principles?
A. Adopting DevOps creates an environment that is inherently more secure because developers use cloud native development tools for their development.
B. It is the most efficient way to test the security of the application in production since pre-production environments will lack the necessary components to accurately validate the security posture.
C. Adoption of DevOps practices introduces complications for implementing and auditing standardized security controls,presenting issues such as constantly changing assets and continuous deployment.
D. By design, DevOps combines the role of developer and operator of an application removing the need for separation of duties which reduces the level of risk introduced in theenvironment.
Answer: C

5.According to the IBM DevOps Reference Architecture, in which phase is artifact management a

capability?

A. Package

B. Deliver

C. Code

D. Manage

Answer: D