Scaled Agile SAFe-DevOps Practice Questions

Shared by Brennan on 26-10-2026

For More Free Questions and Preparation Resources

Check the Links on Last Page

Question 1

Question Type: MultipleChoice

What can impede the progress of a DevOps transformation the most?

Options:

A- Lack of funding for CI/CD pipeline tools
B- When various groups in the organization have different directions and goals
C- When there is no DevOps team
D- When teams use frequent retrospectives

Answer:

B

Explanation:

According to the SAFe DevOps Practitioner 6.0 study guide1, one of the main challenges of a DevOps transformation is when various groups in the organization have different directions and goals. This can create silos, conflicts, and inefficiencies that hinder the collaboration and integration needed for continuous delivery. For example, some groups may prioritize speed over quality, while others may prioritize security over innovation. Some groups may resist change and adopt outdated practices, while others may embrace new technologies and methodologies. These differences can lead to misalignment, duplication, and waste of resources that slow down the delivery pipeline and reduce the value to customers. Therefore, having a common vision, culture, and set of technical practices that support the SAFe CALMR approach to DevOps is essential for overcoming this challenge.

Question 2

Question Type: MultipleChoice

What does Value Stream Mapping help reveal in the Continuous Delivery Pipeline?

Options:

A- Who is responsible for optimizing the Value Stream
B- Where automation is needed

C- Bottlenecks to the flow of value
D- DevOps practices that will improve the Value Stream

Answer:

C

Explanation:

According to the SAFe DevOps Practitioner 6.0 study guide and handbook, Value Stream Mapping helps reveal bottlenecks to the flow of value in the Continuous Delivery Pipeline. This means that Value Stream Mapping helps teams identify and eliminate any activities or processes that slow down or stop the delivery of value to customers.The handbook states that 'Value Stream Mapping helps reveal bottlenecks to the flow of value in the Continuous Delivery Pipeline.'1Therefore, Value Stream Mapping helps teams optimize their value stream and improve their delivery performance.

Question 3

Question Type: MultipleChoice

What is true about the Critical Flow Properties portion of the DevOps Transformation Canvas?

Options:

A- It captures the people who need to improve the flow properties
B- It captures the flow properties that are most in need of improvement
C- It captures the lowest priority improvement items
D- It captures the work-in-process (WIP) limits that should be applied to the Value Stream

Answer:

B

Explanation:

According to the SAFe DevOps Practitioner 6.0 study guide1, the Critical Flow Properties portion of the DevOps Transformation Canvas captures the flow properties that are most in need of improvement. Flow properties are the characteristics of a value stream that affect how well it delivers value to customers. The Critical Flow Properties portion identifies the flow properties that have the most impact on customer satisfaction and business outcomes, and

prioritizes improvement actions accordingly. The Critical Flow Properties portion is based on data from monitoring systems, customer feedback, and business value analysis. Therefore, it captures the flow properties that are most in need of improvement for each value stream.

Question 4

Question Type: MultipleChoice

Who should be consulted first when calculating the % Complete and Accurate?

Options:

A- The people responsible for the next step
B- The lead developer
C- End users
D- Testers

Answer:

A

Explanation:

The people responsible for the next step should be consulted first when calculating the % Complete and Accurate (%C&A) metric. The %C&A metric is a measure of the quality of the work output from a process step. It indicates the percentage of time that the downstream customers receive work that is acceptable as is, without any rework or errors. To calculate the %C&A metric, the people responsible for the next step need to inspect the work output from the previous step and determine whether it meets the quality standards and expectations. They also need to provide feedback to the previous step on the defects or issues they find and how they affect the value stream.By consulting the people responsible for the next step, the %C&A metric can reflect the actual customer satisfaction and the potential waste in the process1

Question 5

Question Type: MultipleChoice

Which statement describes a measurable benefit of adopting DevOps practices and principles?

Choose the correct option from below list

Options:

A- It results in faster lead time, and more frequent deployments
B- It identifies key Value Streams
C- It guarantees an increase in profits and decrease in downtime
D- It creates a highly functional, cross-team culture

Answer:

A

P2P exams

Explanation:

One of the measurable benefits of adopting DevOps practices and principles is that it results in faster lead time and more frequent deployments. Lead time is the time it takes from the moment a change is requested until it is delivered to the customer. Frequent deployments are the number of times a change is deployed to production. Both of these metrics indicate the speed and efficiency of the DevOps process, as well as the ability to respond to customer needs and feedback.According to the State of DevOps Report 2020, high-performing DevOps teams have 208 times faster lead times and 106 times more frequent deployments than low-performing teams

Question 6

Question Type: MultipleChoice

P2P exams

Which technical practice incorporates build-time identification of security vulnerabilities in the code?

Options:

A- Dynamic code analysis
B- Penetration testing
C- Application security
D- Threat modeling

Answer:

A

Explanation:

According to the SAFe DevOps Practitioner 6.0 study guide and handbook, dynamic code analysis is a technical practice that incorporates build-time identification of security vulnerabilities in the code. This means that the code is scanned for potential security risks during the compilation or execution phase, rather than during the testing phase.The handbook states that 'Dynamic code analysis is a technique that identifies security vulnerabilities in the code during compilation or execution.'1Therefore, dynamic code analysis helps teams detect and fix security issues early in the development process.

P2P exams

Question 7

Question Type: MultipleChoice

Why is hypothesis evaluation important when analyzing data from monitoring systems in the Release on Demand aspect?

Options:

A- It helps define the minimum viable product (MVP)
B- It helps operations teams know where to apply emergency fixes
C- It helps quickly create balanced scorecards for stakeholder review
D- It helps link objective production data to the hypothesis being tested

P2P exams

Answer:

D

Explanation:

According to the SAFe DevOps Practitioner 6.0 study guide1, hypothesis evaluation is important when analyzing data from monitoring systems in the Release on Demand aspect because it helps link objective production data to the hypothesis being tested. Hypothesis evaluation is the process of measuring and comparing the actual outcomes of a hypothesis with the expected outcomes based on customer feedback and business value. Hypothesis evaluation helps DevOps teams to validate or invalidate their hypotheses, learn from their mistakes, and improve their solutions. By linking objective production data to the hypothesis being tested, DevOps teams can see how well their solutions are delivering value to customers and achieving their goals.

Question 8

Question Type: MultipleChoice

What is trunk-based development?

Options:

A- Each developer maintains a separate branch
B- Teams with similar dependencies create one single branch for the team's work
C- All teams committing their code into one trunk
D- Every team works in their own trunk

Answer:

C

Explanation:

Trunk-based development is a version control management practice where all developers work on the same trunk of shared code. The trunk is always in a releasable state, which means that at least once a day, developers must integrate their changes to the trunk. This is accomplished through short-lived feature branches related to project tasks. Trunk-based development is a common practice among DevOps teams and part of the DevOps lifecycle since it streamlines merging and integration phases. It also enables continuous integration, which is the practice of merging all development versions of a code base several times a day. Trunk-based development has several benefits, such as:

It reduces the complexity and conflicts of merging long-lived branches

It improves the quality and consistency of the code by enforcing frequent testing and validation

It accelerates the delivery and deployment of new functionality by minimizing the transaction cost and risk

It fosters a culture of collaboration and transparency among developers

Question 9

Question Type: MultipleChoice

What are two benefits of DevOps? (Choose two.)

Options:

A- Less frequent deployments
B- More lead time
C- Less time spent on new work
D- Fewer defects
E- Less time spent fixing security issues

Answer:

D, E

Explanation:

Two benefits of DevOps are fewer defects and less time spent fixing security issues. DevOps is a mindset, culture, and set of technical practices that supports the integration, automation, and collaboration needed to effectively develop and operate a solution. DevOps helps break down organizational silos and develop a Continuous Delivery Pipeline --- a high-performance innovation engine capable of delivering market-leading solutions at the speed of business. DevOps has many benefits for the enterprise, such as:

Fewer defects -- DevOps improves the quality and consistency of the solution by enforcing frequent testing and validation throughout the solution lifecycle. DevOps applies various testing techniques and tools, such as unit testing, integration testing, acceptance testing, performance testing, and security testing, to verify that the solution meets the functional and nonfunctional requirements and standards. DevOps also enables early detection and resolution of defects, by implementing fast and frequent feedback loops within and across the value stream. DevOps reduces the cost and risk of defects, by shifting quality left and building quality in, rather than inspecting quality out.

Less time spent fixing security issues -- DevOps enhances the security and compliance of the solution by integrating security practices into the value stream. DevOps applies the DevSecOps approach, which emphasizes the importance of proper information security practices in the pursuit of continuous delivery. DevSecOps involves applying automated tools and processes to detect and respond to security threats and vulnerabilities in the development and production environments, and ensuring compliance with security policies and standards. DevSecOps also involves collaborating with security teams and stakeholders, to foster a culture of shared responsibility and awareness for security.DevSecOps reduces the time and effort spent on fixing security issues, by shifting security left and building security in, rather than bolting security on8

Question 10

Question Type: MultipleChoice

Value stream mapping metrics include calculations of which three Metrics? (Choose three.)

Options:

A- Total Process Time
B- Release Frequency
C- Rolled % Complete and Accurate
D- Outage Frequency
E- Emergency Change %
F- Activity Ratio

P2P exams

Answer:

A, C, F

Explanation:

Value stream mapping metrics include calculations of three metrics: total process time, rolled % complete and accurate, and activity ratio. Value stream mapping is a lean technique to analyze, design, and manage the flow of materials and information required to bring a product or service to a customer. It uses a system of standard symbols to depict various work streams and information flows, and to identify value-adding and non-value-adding activities. Value stream mapping metrics are used to measure the efficiency and effectiveness of a production process, and to identify areas for improvement. Some of the common value stream mapping metrics are:

Total process time: the sum of the process times for all the activities in the value stream. It measures how long it takes to complete a unit of work from start to finish.

Rolled % complete and accurate: the percentage of units that are completed and accurate at each step of the value stream, multiplied across all the steps. It measures the quality and reliability of the process output.

Activity ratio: the ratio of value-adding time to total lead time.It measures the proportion of time spent on activities that create value for the customer, versus activities that do not

Question 11

Question Type: MultipleChoice

What is the recommended way to prioritize improvement items for the DevOps transformation?

Choose the correct options from below list

Options:

A- Minimum marketable feature
B- Weighted Shortest Job First
C- Lean business Case
D- Minimum Viable Product

Answer:

B

Explanation:

The recommended way to prioritize improvement items for the DevOps transformation is to use Weighted Shortest Job First (WSJF). WSJF is a prioritization model that considers the cost of delay, job size, and economic value of each improvement item.It helps to identify the most urgent and valuable items that can be delivered in the shortest amount of time

Question 12

Question Type: MultipleChoice

Which two security skills are part of the Continuous Integration aspect? (Choose two.)

Options:

A- Security board review
B- Application security
C- SOX compliance analysis
D- Network security practices
E- Penetration testing

Answer:

B, E

Explanation:

Two security skills that are part of the Continuous Integration aspect are application security and penetration testing. Application security is the practice of protecting the software applications from malicious attacks, unauthorized access, data breaches, and other threats. It involves applying security principles and techniques throughout the software development lifecycle, such as secure coding, code analysis, code review, security testing, and security monitoring.Application security helps to ensure that the software meets the security requirements and standards, and that it does not introduce any vulnerabilities or risks to the system or the users910

Penetration testing is the practice of simulating real-world attacks on the software applications to identify and exploit any security weaknesses or flaws. It involves using various tools and methods to probe, scan, attack, and bypass the security defenses of the software, such as firewalls, encryption, authentication, and authorization. Penetration testing helps to evaluate the security posture and resilience of the software, and to provide recommendations for improvement or remediation.Penetration testing is usually performed by external or independent experts, who have the permission and authorization to conduct the tests

P2P exams

To Get Premium Files for SAFe-DevOps Visit

https://www.p2pexams.com/products/safe-devops

For More Free Questions Visit

https://www.p2pexams.com/scaled-agile/pdf/safe-devops

