



## **Salesforce**

### **Exam Questions Development-Lifecycle-and-Deployment-Designer**

Salesforce Certified Development Lifecycle and Deployment Designer

**NEW QUESTION 1**

Universal Containers is in the process of testing their integration between salesforce and their on-premise ERP systems. The testing team has requested a sandbox with up to 10,000 records in each object to benchmark the integration performance. What is the fastest approach an Architect should recommend?

- A. Spin off a partial copy sandbox using a sandbox template with all the objects required for testing the integration.
- B. Spin off a Developer pro sandbox, migrate the metadata and load the data using data loader.
- C. Spin off a full copy sandbox with all the objects that are required for testing the integration.
- D. Spin off a Development sandbox, migrate the metadata and load the data using data loader.

**Answer: A**

**NEW QUESTION 2**

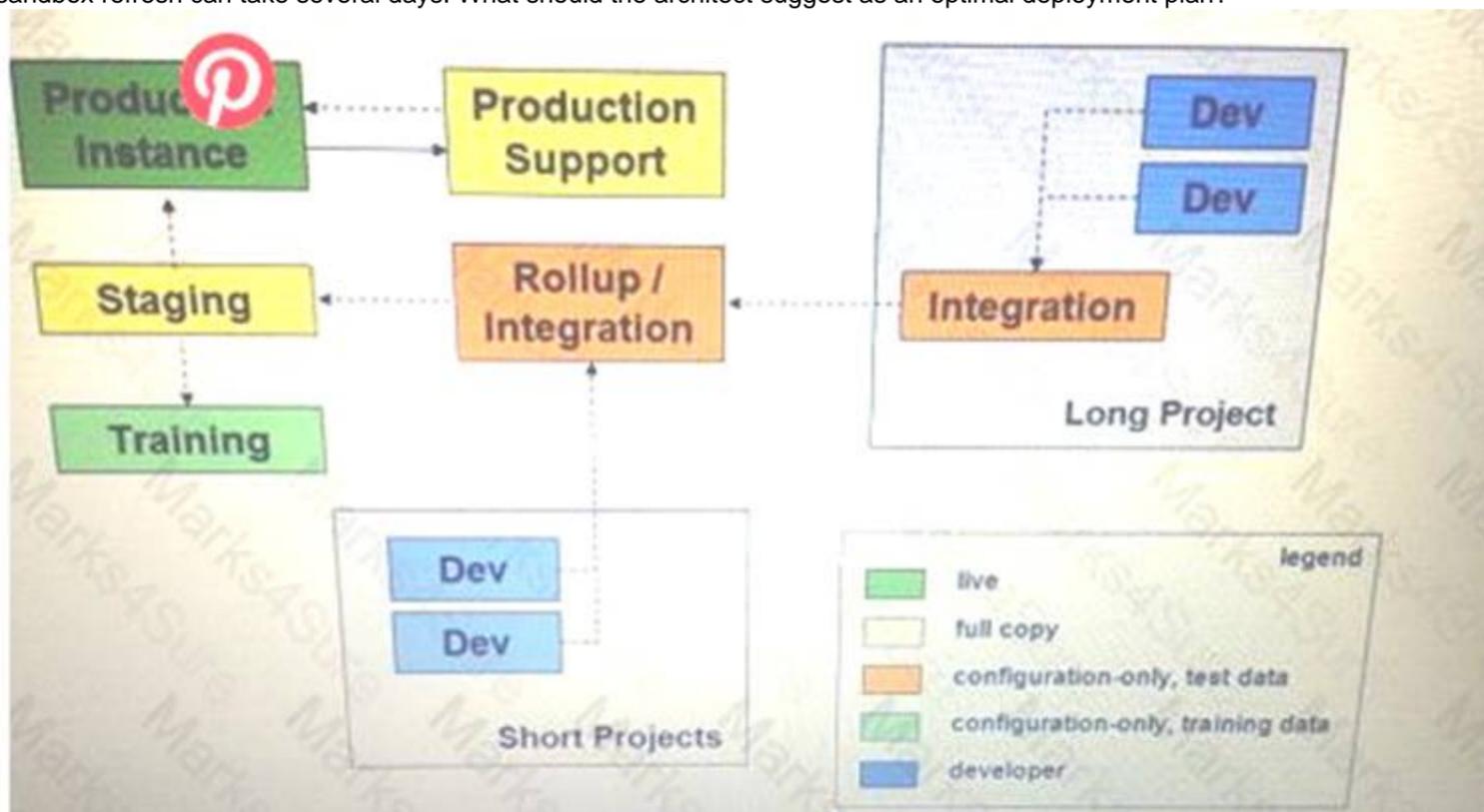
Which are two key benefits of fully integrating an agile issue tracker with software testing and continuous integration tools? Choose 2 answers?

- A. Developers can see automated test statuses post code commit on a specific user story.
- B. Developers can collaborate and communicate effectively on specific user stories.
- C. Developers can observe their team velocity on the burn chart report in the agile tool.
- D. Developers can use the committed code's build status directly on the user story record.

**Answer: AD**

**NEW QUESTION 3**

The release will be deployed over a weekend, one week after Salesforce updates the production environment (e.g., from Winter to Spring). UC has found that a full sandbox refresh can take several days. What should the architect suggest as an optimal deployment plan?



- A. Two weeks before go -live, deploy to Staging and then refresh the Staging and Production support sandboxe
- B. Deploy from Staging to Production at go-live
- C. Approximately six weeks before go -live, ensure the sandbox will be on the release previe
- D. One week before go live, deploy to Stagin
- E. Deploy from Staging to Production at go-live
- F. One month before go -live, deploy to Staging and to Production Suppor
- G. Deploy from Production Support to Production at go-live
- H. One week before go -live, initiate the Staging sandbox refresh and then immediately deploy to Staging. Deploy from Staging to Production at go-live

**Answer: B**

**NEW QUESTION 4**

Universal Containers operates from North America and does business within North America. UC has just acquired a local company in Asia to start operating from Asia. Currently, these two business units operate in two different languages. Both units have different sales processes and have to comply strictly with local laws. During the expansion phase, UC would like to focus on innovation over standardization. What should an architect recommend given the scenario?

- A. Opt for Multi-org strategy, standardized sales process, common rules, and same locale across orgs.
- B. Opt for Single-org strategy, standardized sales process, common rules, and same locale for all business units.
- C. Opt for Single-org strategy, standardized sales process, common rules, and business unit-specific locale
- D. Opt for Multi-org strategy, each org have its own sales process, common rules and operate in locale

**Answer: D**

**NEW QUESTION 5**

Universal Containers has a large call center that has a limited inventory and must ensure there is product availability before an Opportunity is marked as Closed. Custom Apex has been implemented to check inventory levels before an Opportunity is saved. What should an architect consider before recommending

Performance testing?

- A. Number of unit tests
- B. Number of Apex Hammer failures
- C. Number of debug log entries
- D. Number of concurrent transactions

**Answer:** D

#### NEW QUESTION 6

Universal Containers requires its developers to develop and test code in one sandbox per developer before deploying to a common sandbox for code review. Which deployment strategy should be used in this environment?

- A. Refresh the developer's sandbox, develop changes, refresh the common sandbox, deploy to the common sandbox, test changes
- B. Refresh the developer's sandbox, develop changes, test changes, refresh the developer's sandbox, deploy to the common sandbox
- C. Refresh the developer's sandbox, develop changes, refresh the developer's sandbox, deploy to the common sandbox, test changes
- D. Refresh the common sandbox, develop changes, refresh the developer sandbox, deploy to the common sandbox, test changes

**Answer:** A

#### NEW QUESTION 7

Universal Containers is planning to release simple configuration changes and enhancements to their Sales Cloud. A Technical Architect recommend using change sets. Which two advantages would change sets provide in this scenario? Choose 2 answers

- A. An easy way to deploy related components.
- B. The ability to deploy a very large number of components easily.
- C. A simple and declarative method for deployment.
- D. The ability to track changes to component.

**Answer:** AC

#### NEW QUESTION 8

Universal containers has proposed using a Developer Edition org to stage changes to their Customer Community, which includes multiple custom Visualforce pages and components. Which three risks should a Technical Architect consider in this strategy? Choose 3 answers

- A. Code changes cannot be deployed from a Developer Sandbox to Production.
- B. Developer Edition orgs have limited user counts and low data volume limits, which will make User Testing difficult.
- C. Developer Edition orgs cannot have sandboxes, which will make team development difficult.
- D. Developer Edition orgs do not run on production servers and will not perform well during testing.
- E. Changes Sets cannot be used to deploy from Developer Edition to Production which will make deployment more complex

**Answer:** BCE

#### NEW QUESTION 9

An Architect is working on a Universal Containers project, and due to security concerns they cannot provide the Architect with production access. Instead, a central release management team will be responsible for performing production deployments for all development teams. How should an Architect leverage the Metadata API to ensure any metadata components necessary to deploy the project's functionality are properly communicated to the release management team?

- A. Create a change set in each sandbox and download the package.xml file for the release management team
- B. Provide a spreadsheet of all components and utilize the metadata API's readMetadata call
- C. Provide the Release Management team a copy of the audit trail from the sandbox you wish to deploy from
- D. Send a package.xml file with associated metadata in a .zip file to the Release Management team

**Answer:** D

#### NEW QUESTION 10

Universal Containers has asked the salesforce architect to establish a governance framework to manage all of those Salesforce initiatives within the company. What is the first step the Architect should take?

- A. Implement a comprehensive DevOps framework for all initiatives within Universal Containers
- B. Establish a global Center of Excellence to define and manage Salesforce development standards across the organization
- C. Identify relevant Stakeholders from within Universal Containers to obtain governance goals and objectives
- D. Implement a project management tool to manage all change requests on the project

**Answer:** C

#### NEW QUESTION 10

Universal Containers (UC) has been following the Waterfall methodology to deliver customer apps in Salesforce. As the business is growing at scale and with demand to incorporate features and functionality at faster pace, UC is finding the Waterfall approach is not an optimal process, and intends to transition towards an agile development methodology. Which are the two strengths of using an agile development methodology? Choose 2

- A. Careful documentation is done at each step of the process so a target body of knowledge is available for inspection.
- B. There are many small releases of functional code, allowing stakeholders to see and touch the work in progress.
- C. All elements of the build are fully understood before work begins, reducing risk of unpleasant surprises.
- D. The project requirements in later phases are expected and accommodated by the process, by design.

**Answer:** BD

#### NEW QUESTION 14

Universal Containers has a complex deployment coming up. The deployment will include several Apex classes which depend on custom settings that hold important configuration. How should an Architect manage this deployment?

- A. Script the deployment of all functionality via the Force.com Migration Tool
- B. Manually deploy and populate custom settings in production using a change set
- C. Create a custom metadata type and include this in your deployment to production
- D. Manually deploy and populate the custom settings in production prior to the Apex Class deployment

**Answer: C**

#### NEW QUESTION 16

What sandbox type would be appropriate for diagnosing reports of poor performance when accessing certain Visualforce pages?

- A. Partial copy Sandbox.
- B. Developer Sandbox.
- C. Full Sandbox
- D. Developer Pro Sandbox.

**Answer: C**

#### NEW QUESTION 21

UC's scale of Salesforce deployment has increased over time, leading to complexities. UC is finding too many bugs in the deployed code, which has become a challenge to the delivery team. The team wants to reduce the amount of bugs by ensuring all the developed code is reviewed, tested, and validated in the upstream deployment process. Which three development practices will be best suited to address UC's concerns? Choose 3

- A. Use continuous integration with automation testing.
- B. Encourage the development team to be self-organizing.
- C. Enable developer teams to do peer code review.
- D. Incorporate test-driven deployment into the project structure.
- E. Enable a short and timely feedback loop with customers

**Answer: ACD**

#### NEW QUESTION 22

An architect is working on a project that relies on functionality that cannot be deployed via the Metadata API. What is the best practice for making sure these components are deployed successfully?

- A. Generate and deploy a change set that enables the required settings
- B. Generate and install a managed package that enables the required settings
- C. Utilize the metadata API's deployAllComponents call
- D. Document deployment steps for any components that cannot be automatically deployed

**Answer: D**

#### NEW QUESTION 23

The development team members need access to a tool to manage requirements and the testing team needs access to a tool to manage defects. Additionally, stakeholders are requesting ad-hoc status reports. What tool should an Architect recommend to support the project?

- A. Spreadsheets
- B. Code Repository
- C. Wave
- D. Port management

**Answer: D**

#### NEW QUESTION 25

Which two groups are responsible for the creation and execution of Release Management processes? Choose 2 answers

- A. Steering Committee
- B. End Users
- C. Dev/Build Team (Missed)
- D. Center of Excellence (Missed)

**Answer: CD**

#### NEW QUESTION 30

Universal Containers (UC) is considering updating their Salesforce Release Management process. Which three best practices should UC consider for Version Control? Choose 3 answers

- A. Maintain separate developer branches for minor and major releases.
- B. Automation is a must with various application branches in the repository.
- C. Maintain unrestricted access to the release sandboxes for all changes being deployed.
- D. Maintain a single repository for application with individual branches for projects.
- E. Maintain a single entry point for production from the master branch.

**Answer:** ADE

**NEW QUESTION 32**

Universal Containers has multiple projects being developed in parallel. One of the projects is in the testing phase and the testing team found a list of issues on the items that will be deployed to production. As the project deadline is short, the customer team proposes that the fixes be done in the test sandbox and then deployed to production. What should be the Architect recommend?

- A. Recommend the customer team's proposal to fix the issues in the testing env and deploy them to production.
- B. Recommend fixing the issues in the development environment and deploying the changes to production.
- C. Recommend fixing the issues in the development sandbox, migrating them to testing, and deploy to production after testing.
- D. Recommend fixing the issues in the test environment and migrating the changes to the development sandbox.

**Answer:** C

**NEW QUESTION 36**

Universal Containers has just initiated a project to implement partner community. The application will be deployed into a production environment currently in use by a large Salesforce user base. The project manager has insisted that the development and testing team use a single developer sandbox. What is the risk with this approach?

- A. Tester will encounter platform limits due to developer sandbox capacity limits.
- B. Testers will experience functional changes throughout testing due to not having isolation from development.
- C. Testers will hit governor limits due to large volume of users in the developer sandbox.
- D. Refreshing the developer sandbox will take significant time.

**Answer:** B

**NEW QUESTION 37**

Universal Containers (UC) deploys major releases on a monthly schedule. In recent months, the team has noticed the deployment time has increased two-fold from 2 hours to 4 hours. The team wants to get back to reasonable deployment times. Which three issues could be affecting their deployment times? Choose 3 ans

- A. The number and complexity of Apex tests will have a large impact on the deployment time.
- B. Some components profiles, custom junction objects, and fields take longer to process than others.
- C. The deployments are being scheduled during off peak hours, which is not the best time.
- D. Users are working in the org during deployment locking can affect users and the deployment.
- E. The team is highly constrained with pre-deployment and post-deployment changes.

**Answer:** ABD

**NEW QUESTION 42**

Which two environments are appropriate for creating a managed package? Choose 2 answers

- A. Developer Pro Sandbox Org
- B. Partner Developer Edition Org
- C. Production Org with LMA
- D. Developer Edition Org

**Answer:** BD

**NEW QUESTION 46**

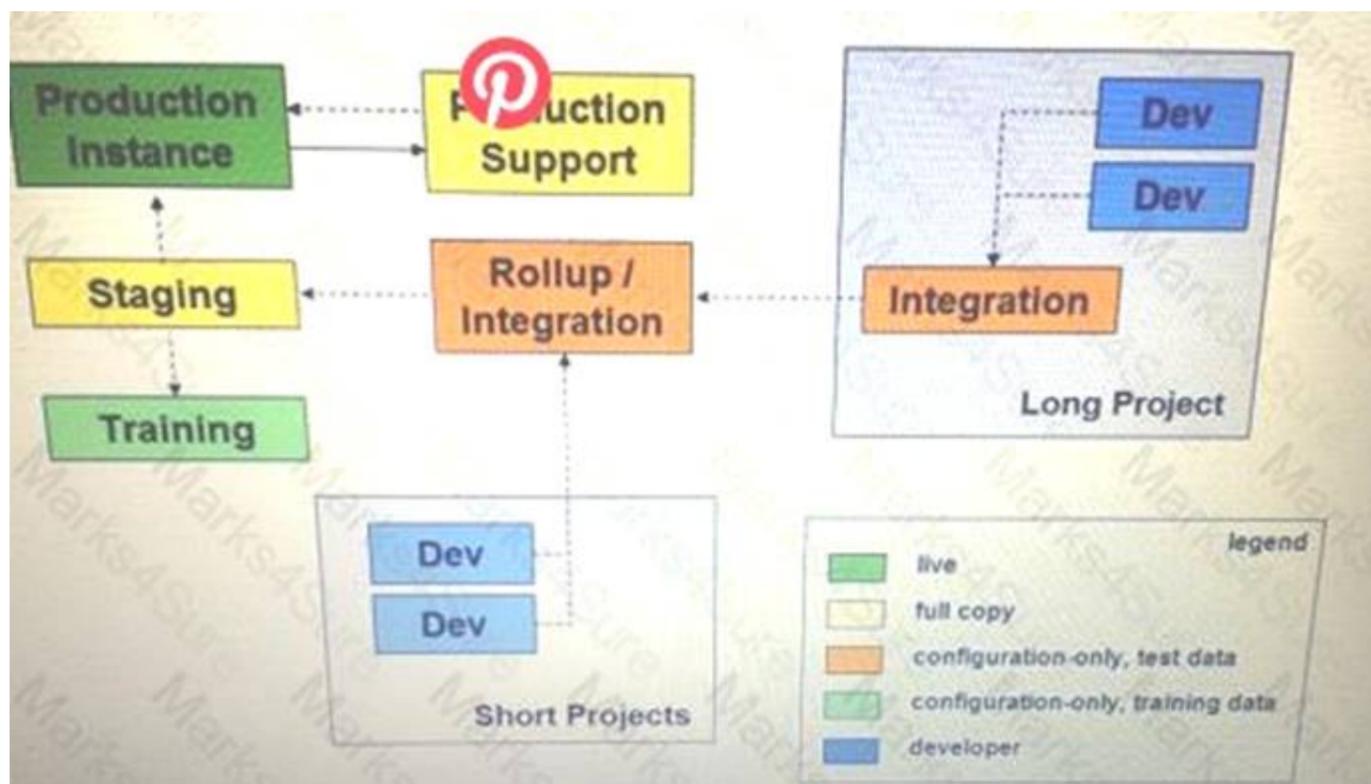
Universal Containers (UC) is implementing Salesforce and wants the custom code to be unit tested for all the adverse conditions. Which two best practices should an Architect recommend while implementing Test Classes? Choose 2 answers

- A. Execute test classes under various profiles
- B. Test classes should not create custom setting data.
- C. Test classes must use existing data in the environment.
- D. Test data must have positive as well as negative data.

**Answer:** AD

**NEW QUESTION 51**

Which statement is true for the Staging sandbox in the following diagram?



- A. When created or refreshed, the Staging sandbox is a full replica of Production
- B. The Staging sandbox is automatically refreshed on a schedule set by the administrator
- C. Salesforce major releases (e.g., Winter to Spring) always occur in Staging and Production at the same time
- D. The Staging environment can only be updated once every two weeks

Answer: A

**NEW QUESTION 53**

Why does Salesforce prohibit Stress Testing against Production?

- A. There is not enough CPU
- B. It is a shared environment
- C. It is blocked by data center infrastructure
- D. It causes Internet congestion

Answer: B

**NEW QUESTION 55**

Universal Containers (UC) is developing a custom Force.com application. The following tools are used for development, the Force.com IDE for developing apps. Git as a source control system and a Git repository, and the Force.com Migration Tool for updating sandboxes from source control. UC's current branching strategy calls for two main branches: 1) Master 2) Develop Three supporting branches: 1) Feature 2) Release 3) Hotfix Consider that the branching strategy is in parallel as follows Feature |Develop |Release |Hotfix |Master What is the recommended practice strategy that Developers should adopt for Development?

- A. Developers work off of the Feature branch, which is pulled from the Master branch and the Feature branch is then merged with the Develop branch.
- B. Developers work off of the Feature branch, which is pulled from the Develop branch, and the Feature branch is then merged with the Develop branch.
- C. Developers work off of the Feature branch, which is pulled from the Release branch, and the Feature branch is then merged with the Develop branch.
- D. Developers work off of the Feature branch, which is pulled from the Develop branch, and the Feature branch is then merged with the Hotfix branch.

Answer: B

**NEW QUESTION 57**

Universal Containers (UC) development team is using an Agile tool to track the status of build items, but only in terms of stages. UC is not able to track any effort estimates, log any hours worked, or keep track of remaining effort. For what reasons should UC consider using the agile tool for effort tracking?

- A. Allows the organization to track the Developers work hours for salary compensation purposes.
- B. Allows the management team to make critical timeline commitments based solely on developer estimates.
- C. Allows the Developer to compare their effort, estimates and actuals to better adjust their future estimates.
- D. Allows the management team to manage the performance of bad developers who are slacking off.

Answer: C

**NEW QUESTION 61**

As a part of technical debt cleanup project, a large list of metadata components has been identified by the business analysts at Universal Containers for removal from the Salesforce org. How should an Architect manage these deletions across sandbox environments and production with minimal impact on other work streams?

- A. Generate a destructivechanges.xml file and deploy the package via the Force.com Migration Tool
- B. Perform deletes manually in a sandbox and then deploy a Change Set to production
- C. Assign business analysts to perform the deletes and split up the work between them
- D. Delete the components in production and then refresh all sandboxes to receive the changes

Answer: A

#### NEW QUESTION 66

Universal Containers has just initiated a project to implement a custom container tracking application with a large development team. The project manager is concerned that the large number of developers in a single developer pro sandbox could lead to challenges with code being overwritten. Which two methods should be used to mitigate this risk? Choose 2 answers

- A. Provide each developer their own sandbox developer org and implement a code repository and continuous integration to merge code into the developer pro sandbox (Missed)
- B. Replace the developer pro sandbox with a Partial copy sandbox
- C. Use a single sandbox and strictly coordinate development across shared components, and implement a code repository to allow developers to merge code into a common repository (Missed)
- D. Provide each developer their own sandbox developer org, and implement managed packages to deploy to the merge

**Answer:** AC

#### NEW QUESTION 71

Universal Containers (UC) is planning for a huge data migration from a home grown on-premise system to Salesforce as part of their Service Cloud Implementation. UC has approximately 5 million customers, 10 million contacts, and 30 million active cases. Which are the three key areas that should be tested as part of Data Migration? Choose 3 answers

- A. Case association with correct contact and Account.
- B. Case assignment rules and escalation rules.
- C. Case Ownership along with associated entitlement and milestones.
- D. Data transformation against the source system.
- E. Page Layout assignment to the profiles

**Answer:** ACD

#### NEW QUESTION 76

Universal Containers (UC) is working on a project to support environmental cleanup projects with specially designed containers. To support this project, UC is developing a portal for regulatory agencies to use for tracking and reporting of the containers, and these regulatory requirements are well-defined. Many non-regulatory requirements have not been defined yet. The project is on a strict budget and timeline. Which two approaches should UC consider to meet regulatory requirements and to satisfy the needs of end users? Choose 2 answers

- A. Initiate a waterfall project and start building the features of the solution based on regulatory requirement
- B. In parallel, gather the remaining non-regulatory requirements for the solution, then go back and reconcile the two sets of requirements and re-work the solution as necessary
- C. Initiate an Agile project, beginning with a "sprint 0" to scope and estimate the project and to build the product backlog
- D. Identify the minimum viable product
- E. Initiate building the solution based on the backlog, and co-create the design with the project stakeholders
- F. Initiate a waterfall project by gathering the remaining requirements and completing the architecture and design
- G. Initiate the build/test processes with frequent reviews by the stakeholder
- H. On build completion, perform acceptance testing and validate compliance with regulatory requirements
- I. Initiate an Agile project based on the known requirements, begin building immediately, and work through remaining requirements as they come up
- J. Budget and timeline will not be a factor with an Agile methodology

**Answer:** AC

#### NEW QUESTION 80

Universal Containers is starting a Center of Excellence (COE). Which two user groups should an Architect recommend to join the COE?

- A. Call Center Agents
- B. Program Team
- C. Executive Sponsors.
- D. Inside Sales Users.

**Answer:** BC

#### NEW QUESTION 81

Universal Containers' developers are working on a Visualforce page in a sandbox when an administrator adds a new field to Production. Which two approaches could an architect suggest to an administrator that would assist the developers in their development process? Choose 2 answers

- A. Use a Change Set to deploy the changes from Production to the sandbox, to ensure that changes made in production are reflected in the sandbox that the developers are working on (Missed)
- B. Use Salesforce-to-Salesforce to deploy the changes from Production to the sandbox, to ensure that changes made in production are reflected in the sandbox that the developers are working on
- C. Manually replicate the same changes in the developer sandbox to ensure that changes made in production are reflected in the sandbox that the developers are working on
- D. Refresh the developer sandbox to ensure that changes made in production are reflected in the sandbox that the developers are working on (Missed)

**Answer:** AD

#### NEW QUESTION 84

Universal Containers is building a new complex integration to a legacy system. The legacy system is also going through a major upgrade. Senior leadership has committed to the board that the combined programs will be completed on time. What is the risk with this plan?

- A. The deadline is scheduled during a Salesforce release
- B. The project team has decided to use the Waterfall methodology
- C. The legacy system team is using an Agile methodology

D. Multiple work -streams with dependencies could impact the go-live

**Answer:** D

#### NEW QUESTION 87

Universal Containers has several concurrent projects building new functionality, fixing bugs, and modifying existing functionality. Management would like features to be available to users as quickly as possible, even if the entire project is incomplete. What should an Architect recommend to maintain quality?

- A. Require developers to deploy completed code and unit tests directly to production
- B. Deploy all functionality together to ensure all functionality works together without error
- C. Use a spreadsheet to track approved changes that should be released with change sets
- D. Utilize automated source control, test, and build systems to test and deploy to production

**Answer:** D

#### NEW QUESTION 92

Which are two characteristics of an effective communication plan? Choose 2 answers

- A. Requesting feedback for outstanding architectural questions
- B. Consistent communication to a pre -defined list of stakeholders
- C. Reporting project status, timelines, and impacts
- D. Communication to stakeholders on a "need -to -know" basis

**Answer:** BC

#### NEW QUESTION 94

Universal Containers is in the final stages of building a new application to track custom containers. During a review of the application, a business subject Matter Expert mentioned that it would be nice to be able to track additional container types beyond what was originally scoped during the plan and design phase. Which two actions should be performed to mitigate the risk? Choose 2 answers.

- A. Escalate and communicate to stakeholders the risk and mitigate it by allocating additional resources to support the new requirement based on stakeholders input.
- B. Have a discussion with the business subject Matter Expert and communicate that the Salesforce has limitations in supporting such a feature to mitigate the risk.
- C. Escalate and communicate to stakeholders the risk and mitigate it by extending the timeline of the project to support the new requirement based on stakeholders input.
- D. Have a discussion with the business subject Matter Expert and communicate that a new developer environment will be needed to mitigate the risk.

**Answer:** A

#### NEW QUESTION 96

A Salesforce contractor has built an application for Universal Containers (UC) .The contractor will need to deploy multiple times from the contractor's own Salesforce to UC's Salesforce environments. Ultimately, UC has full control of the application's code, including its intellectual property

- A. Eclipse IDE
- B. Unmanaged Package
- C. Change Sets.
- D. Managed Package

**Answer:** B

#### NEW QUESTION 98

Universal Containers (UC) has a large user base (>300 users) and was originally implemented eight years ago by a Salesforce Systems Integration Partner. Since then, UC has made a number of changes to their Visual force pages and Apex classes in response to customer requirements, made by a variety of Vendors and internal teams. Which three issues would a new Technical Architect expect to see when evaluating the code in the Salesforce org? Choose 3 answers

- A. Multiple triggers on the same object, making it hard to understand the order of operations.
- B. Multiple unit test failures would be encountered.
- C. Broken functionality due to Salesforce upgrades.
- D. Duplicated logic across Visual force pages and Apex classes performing similar tasks.
- E. Custom built JSON and String manipulation Classes that are no longer required.

**Answer:** ADE

#### NEW QUESTION 102

Universal Containers (UC) has a recruiting application using Metadata API version 35, and deployed it in production last year. The current Salesforce platform is running on API version 36.A new field has been introduced on the object Apex page in API version 36. A UC developer has developed a new Apex page that contains the new field and is trying to deploy the page using the previous deployment script that uses API version 35. What will happen during the deployment?

- A. The deployment script will pass because the new field is backward compatible with the previous API version 35.
- B. The deployment script will fail because the new field is not known for the previous API version 35.
- C. The deployment script will pass because the new field is supported on the current platform version.
- D. The deployment script will fail because the platform doesn't support the previous API version 35.

**Answer:** B

#### NEW QUESTION 103

Universal Containers business users often observe that newly released features are resulting in other previously existing and stable functionality being broken. Which approach should an Architect recommend to prevent regression?

- A. Utilize the developer console to run test suites for the affected functionality
- B. Utilize unit and functional test automation as part of a continuous integration strategy
- C. Utilize Salesforce Apex Hammer to automatically test all functionality
- D. Freeze development of new features and re -architect the system to remove the bugs

**Answer: B**

**NEW QUESTION 107**

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