

Salesforce.Premium.Development Lifecycle and Deployment Architect.30q - DEMO

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Time Limit: 120 min



Exam Code: Development-Lifecycle-and-Deployment-Architect
Exam Name: Salesforce Certified Development Lifecycle and Deployment Architect
Website: <https://VCEup.com/>
Team-Support: Support@VCEup.com

QUESTION 1

Universal Containers (UC) operates globally from different geographical locations. UC is revisiting their current org strategy. Which three factors should an Architect consider for a single strategy? Choose 3 answers

- A. Increased ability to collaborate.
- B. Tailored implementation.
- C. Centralized data location.
- D. Consistent processes across the business.
- E. Fewer inter Dependencies.

Correct Answer: ACD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 2

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.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 3

Universal Containers (UC) is implementing Service Cloud for their contact centers for 3000 users.

They have ~10 million customers. The average speed response time expected is less than 5 seconds with 1,500 concurrent users. What type of testing will help UC measure the page response time?

- A. Unit Testing.
- B. Load testing.
- C. System Integration Testing.
- D. Stress Testing.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 4

Universal Containers is considering developing a client application using the Metadata API for managing deployments to multiple Salesforce orgs. Which two use cases describe the usage of Metadata API? Choose 2 ans

- A. Perform CRUD operations o manage records in the organization.
- B. Migrate configuration changes between two organizations.
- C. Migrate data changes between two organizations using a csv file.
- D. Export current customization in the organization as an xml file.

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 5

Universal Containers has a stable continuous integration process and all stakeholders are happy. However, user testing takes long time, as data has to be setup. What should an Architect do to address this problem?

- A. Include automated sample data during deployment.
- B. Advise the project manager to assign more users to create test data.
- C. Test data creation is outside the scope of continuous integration.
- D. Train business users to create test data more efficiently.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 6

A Salesforce Administrator has initiated a deployment using a change set. the deployment has taken more time than usual. What is the potential reason for this?

- A. The change set includes changes to permission sets and profiles.
- B. The change set includes Field type changes for some objects.
- C. The change set includes new custom objects and custom fields.
- D. The change set performance is independent of included components.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 7

Universal Containers has three types of releases in their release management strategy: daily, minor (monthly), and major (quarterly). A user has requested a new report to support an urgent client request. What release strategy would an Architect recommend?

- A. Utilize the major release process to create the report directly in production bypassing the full sandbox.
- B. Utilize the minor release process to create the report directly in production bypassing the full sandbox.
- C. Utilize the major release process to create the report in a full sandbox and then deploy it to production.
- D. Utilize the daily release process to create the report directly in a full sandbox and then deploy it to production.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 8

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

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 9

There has been an increase in the number of defects .Universal Containers (UC) found the root cause to be decreased in quality if code. Which two options can enforce code quality in UC's continuous integration process? Choose 2 answers

- A. Introduce manual code review before deployment to the testing sandbox.
- B. Introduce manual code review before deployment to the production org.
- C. Increase the size of the testing team assigned to the project.
- D. Introduce static code analysis before deployment to the testing sandbox.

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 10

Universal Containers is in the process of testing their integration between salesforce and their onpremise 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.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 11

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.

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 12

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.

Correct Answer: ADE

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 13

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.

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 14

Universal Containers (UC) innovative apps division is releasing an application which can be installed in their trading partners Salesforce environment. The partners can then build on top of the application with process builders and triggers so the container booking process can be integrated with the trading partners own processes. What is the recommended mechanism for releasing the application?

- A. Zip file deployable by Force.Com Migration Tool.
- B. Unmanaged Package.
- C. Change Sets.
- D. Managed Package.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 15

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.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 16

Universal Containers has multiple project teams building into single org. The project teams are concerned with design conflicts and ensuring a common design process. What should an Architect recommend to prevent this conflict?

- A. Create a Center of Excellence Charter document.
- B. Create Design Standard for Governance.
- C. Create a backup system using GIT Repositories.
- D. Create a Release Management process.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 17

Universal Containers (UC) has used Salesforce for the last 6 years with 50% custom code. UC has recently implemented continuous integration. UC wants to improve old test classes whenever new functionality invalidates tests. UC also wants to reduce the deployment time required. What should Architect recommend?

- A. Do not execute any test classes in sandboxes and Production.
- B. Do not execute test classes in sandboxes and all test classes in Production.
- C. Test classes cannot be executed in sandboxes.
- D. Execute all test classes in sandboxes and selected test classes in Production.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 18

When replacing an old legacy system with Salesforce, which two strategies should the plan consider to mitigate the risks associated with migrating data from the legacy system to Salesforce? Choose 2 answers?

- A. Identify the data relevant to the new system, including dependencies, and develop a plan/scripts for verification of data integrity.
- B. Migrate users in phases based on their functions, requiring parallel use of legacy system and Salesforce for certain period of time.
- C. Use a full sandbox environment for all the systems involved, a full deployment plan with test data generation scripts, and full testing including integrations.
- D. Use a full sandbox environment and perform test runs of data migration scripts/processes with real data from the legacy system.

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 19

Universal Containers (UC) is using Salesforce for their sales organization. The sales users have created several dashboards using multiple running users. The admins have also added a few workflow rules that send email notifications to some sales users. What should an Architect consider while planning the deployment of such components? Choose 2 answers

- A. If the username in the source org doesn't exist in the target org, the deployment will continue and Salesforce will automatically create the username in the target org.
- B. User fields are ignored during metadata deployments and all such users need to be manually created in the target org before starting the deployment.
- C. If the username in the source org doesn't exist in the target org, the deployment will stop until the usernames are resolved or removed.

D. User Fields are preserved during metadata deployments and Salesforce attempts to locate a matching user in the target org during deployment.

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 20

Universal Containers (UC) works with different partners and has few admin resources that take care of the day-to-day deployment tasks. As a result, UC would like to find a way to automate the deployments using Metadata API. Which two limitations of Metadata API should be considered when using Metadata API-based Deployments? Choose 2 answers

- A. Deploy up to 10,000 files, but retrieve more than 10,000 files.
- B. Maximum size of deployed .zip file is 400MB.
- C. Maximum Size of deployed .zip file is 39MB.
- D. Deploy and retrieve up to 10,000 files at once.

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 21

Universal Containers (UC) has integrated with their on-premise billing system using Salesforce Connect. The data is configured using an External Object in sandbox. UC wants to deploy the external object to production using the Metadata API and would like to know what Metadata types to choose for deployments to production. Which two options are valid metadata types related to deployment of external objects? Choose 2 answers.

- A. In change sets, external objects are included in the custom object component.
- B. In the Metadata API, the External Object metadata type represents external objects.
- C. In change sets, external objects are included in the External Object component.
- D. In the Metadata API, the Custom Object metadata type represents external objects.

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 22

Universal Containers (UC) has a huge volume of metadata that cannot be deployed at once. What is the recommended strategy for UC to be successful with the deployment?

- A. Identify metadata dependencies, create logical groupings, and deploy in the right order.
- B. Use a continuous integration tool such as Jenkins to deploy in the right order.
- C. Sort and group the metadata alphabetically and deploy them in the same order.
- D. Use a combination of the Ant migration tool and change sets for deployment.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 23

Universal Containers wants to implement a release strategy with major releases every four weeks and minor releases every week. Major releases follow Development, System Testing (SIT), User Acceptance Testing (UAT) and Training. Minor releases follow Development and User Acceptance Testing (UAT) stages. What represents a valid environment strategy consideration for UAT?

- A. Minor releases use Partial copy and Major releases use Full copy
- B. Minor and Major releases use separate Developer pro
- C. Minor releases use Developer and Major releases Full copy
- D. Minor and Major releases use same Full copy.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 24

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.

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 25

Universal Containers (UC) is implementing Service Cloud UC's contact center receives 100 phone calls per hour and operates across North America ,Europe and APAC regions. UC wants the application to be responsive and scalable to support 150 calls considering future growth. what should be recommended test load consideration

- A. Testing load considering 50% more call volume.
- B. Testing load considering half the call volume.
- C. Testing load considering 10xthe current call volume.
- D. Testing load considering current call volume.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 26

Universal Containers has recently acquired another business that uses Salesforce extensively. UC wants to merge their Salesforce Orgs to effectively sell and service customer under one business.

Traditionally, UC has followed an agile development methodology to deliver Salesforce functionality.

With the merging businesses, UC is convinced that adopting a Waterfall development methodology is the best approach. Which are two positive aspects of using a Waterfall development methodology?

- A. Changes late in the process are expected and can be handled by integrating them into the requirements specs.
- B. Complex processes that will need to be built are thoroughly understood and documented before coding begins.
- C. Milestones, timelines and estimates tend to be more accurate and predictable due to the upfront due diligence.
- D. The costs of starting the project are low since much of the design work is pushed to later stages of the process.

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 27

Universal Containers has three types of releases in their release management strategy: daily, minor (monthly), and major (quarterly). A user has requested a new report to support an urgent client request. What release strategy would an Architect recommend?

- A. Utilize the major release process to create the report directly in production bypassing the full sandbox.
- B. Utilize the minor release process to create the report directly in production bypassing the full sandbox.
- C. Utilize the major release process to create the report in a full sandbox and then deploy it to production.
- D. Utilize the daily release process to create the report directly in a full sandbox and then deploy it to production.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 28

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

Correct Answer: BCD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 29

Universal Containers (UC) has two major releases every year and the team always run into longer deployment times. In which 2 ways can UC reduce deployment time? Choose 2 answers?

- A. Use recent deployment validations and the quick deploy feature.
- B. Deploy components in groups to reduce deployment time.
- C. Specify the test to run by using RunSpecifiedTests test level.
- D. Validate the deployment before migrating components to production.

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 30

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.

Correct Answer: ABD

Section: (none)

Explanation

Explanation/Reference:

Explanation:

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