



**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

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.

**Answer:** A

#### NEW QUESTION 3

Which two project situations favor an Agile methodology? Choose 2 answers

- A. A digitization project to update an existing customer -facing process and enable quick adjustments (Missed)
- B. A project to be executed by a third party, with a fixed and formal scope, budget, and timeline
- C. An environment with a heavy investment in DevOps capabilities for rapid testing and deployment (Missed)
- D. A project with well-defined requirements and complex interactions between front- and back -end systems

**Answer:** BC

#### NEW QUESTION 4

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.

**Answer:** D

#### NEW QUESTION 5

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 6

Universal containers have recently replaced a custom service center application with Salesforce Service Cloud. Administrators are now confused about which fields and classes are actively being utilized and how future implementations can be maintained. Choose 2 answers

- A. Create an adoption plan for end users using Salesforce dashboards and reports.
- B. Create a design standard requiring integration to use declarative configurations patterns
- C. Create a governance process requiring all projects to create project deliverable documentation.
- D. Create a standard method for deprecating classes and fields using design standards.
- E. Create a governance framework focused on high-level business strategy and goals.

**Answer:** CD

#### NEW QUESTION 7

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 8

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 9

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.

**Answer:** ACD

#### NEW QUESTION 10

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 10

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 10x the current call volume.
- D. Testing load considering current call volume.

**Answer:** A

#### NEW QUESTION 15

What are two roles a project Steering Committee plays in determining what methodologies are used? Choose 2 answers

- A. Enforcing that corporate project stage gates are part of the chosen methodology
- B. Designing a methodology that will meet a particular project's requirements
- C. Approving deviations from the chosen methodology, when required to address project issues
- D. Setting the criteria for selecting Agile or Waterfall methodology to be used on internal projects

**Answer:** AD

#### NEW QUESTION 18

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 21

Due to several issues, Universal Containers wants to have better control over the changes made in the production org and to be able to track them. Which two options will streamline the process? Choose 2 answers

- A. Make all code/configuration changes directly in the production org.
- B. Allow no code/configuration changes directly in the production.org
- C. Use the Force.com IDE to automate deployment to the production.org
- D. Use Metadata API to automate deployment to the production.org

**Answer:** BD

#### NEW QUESTION 24

Universal Containers has dozens of independent user acceptance and functional teams that need to test independently in isolation, and on current production data that was modified within the last week. Which Sandbox type should a Technical Architect recommend?

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

**Answer:** D

#### NEW QUESTION 29

Universal Containers (UC) is implementing a governance framework and has asked the Architect to make recommendations regarding release planning. Which two decisions should the Architect make when planning for releases? Choose 2 answers

- A. How to test existing functionality to ensure no regressions are introduced.
- B. Whether Salesforce will wait to upgrade the pod until after a UC release is complete.
- C. How to roll back to the previous Salesforce release if there are issues.
- D. When to test a new UC feature release if there are issues.

**Answer:** C

#### NEW QUESTION 30

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. 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.

**Answer:** D

#### NEW QUESTION 33

Universal Containers (UC) is planning for a huge data migration as part of their Service Cloud implementation. UC, has approximately 15million customers, 30 million contacts, and 30 million active cases. Which two key areas of UC's data migration test plan should be included? Choose 2 answers

- A. API's to be used for data migration.
- B. Success criteria for data migration.
- C. Target Salesforce Server and Source system IP address.
- D. Manual and Automated data validation approaches.

**Answer:** AB

#### NEW QUESTION 38

Universal Containers (UC) is considering updating their Salesforce Production Deployment as a part of their Release Mgmt process. Which three best practices should UC consider for Production Deployment? Choose 3 ans.

- A. Announce the maintenance window ahead of time.
- B. Define a rollback strategy.
- C. Lert all users on the day of deployment.
- D. Schedule releases with Salesforce upgrades.
- E. Temporarily suspend configuration changes in production.

**Answer:** ABE

#### NEW QUESTION 40

Universal Containers is validating an outbound change set from the Developer Sandbox to the production org. Which two locking behaviors will occur during a deployment? Choose 2 answers

- A. The production org will be locke
- B. Administrators cannot modify metadata during this time
- C. The sandbox org will be locke
- D. Administrators cannot modify metadata
- E. The production org will be locke
- F. Users can only Read data during this time
- G. The production org will be locke
- H. Users will still be able to Read/Write data to the org

**Answer:** AD

#### 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 47

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 49

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.

**Answer:** A

#### NEW QUESTION 52

Universal Containers has multiple minor and major releases in a year .Minor releases have sample configuration changes, while major releases involve large number of complex code components. What is the deployment tools should an architect recommend for both types of releases?

- A. Change sets for minor releases and Force.com IDE for major releases.
- B. Change sets for both minor releases and major releases.
- C. Change sets for minor releases and metadata API for major releases.
- D. Force.com IDE for minor releases and metadata API for major releases.

**Answer:** C

#### NEW QUESTION 53

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

- A. Design the right sandbox strategy for the release.
- B. Release sign-off is only required for Production.
- C. Regression testing is mandatory for each release.
- D. Maintain a pre/post deployment checklist for each release.
- E. Publish a release calendar for each phase of the release.

**Answer:** ADE

#### NEW QUESTION 58

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 59

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 62

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 64

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.

**Answer:** BC

#### NEW QUESTION 65

What are three necessary components for establishing a governance framework? Choose 3 answers

- A. Automated Testing
- B. Requirements Management
- C. Change Control Log
- D. Documentation Repository
- E. Continuous Integration

**Answer:** ACD

#### NEW QUESTION 68

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 70

An Architect has been working on a large project for the past 6 months. This project must be live by the end of the current month. Which two planning techniques should the Architect use to ensure all metadata changes deploy smoothly and on time? Choose 2 answers

- A. Ensure all code that is being deployed is checked into source control
- B. Validate the final deployment package against production prior to go-live
- C. Create a new sandbox and perform a test deployment to that environment
- D. Upload a change set from sandbox to production as early as possible

**Answer:** AB

#### NEW QUESTION 72

Universal Containers are using Salesforce for Order Management and has integrated with an in-house ERP system for order fulfillment. There is an urgent requirement to include a new order status value from the ERP system into the Order Status pick list in Salesforce. Which are two considerations when addressing the above requirement? Choose 2 answers

- A. Existing Apex test classes may start failing in Production.
- B. Implement the change in the sandbox, validate, and release to Production.
- C. The change can be performed in Production, as it is a configuration change.

D. Integration with the ERP system may not function as expected.

**Answer:** CD

#### NEW QUESTION 74

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