Salesforce Development Lifecycle & Deployment Architect

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.

Answer(s): A C D

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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.

Answer(s): C

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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.

Answer(s): B

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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.

Answer(s): B D

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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.

Answer(s): A

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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.

Answer(s): A

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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.

Answer(s): D

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8. Universal Containers operates from North America and does business within North Americ

> A. 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?

> B. Opt for Multi-org strategy, standardized sales process, common rules, and same locale across orgs.

> C. Opt for Single-org strategy, standardized sales process, common rules, and same locale for all business units.

> D. Opt for Single-org strategy, standardized sales process, common rules, and business unit-specific locale

> E. Opt for Multi-org strategy, each org have its own sales process, common rules and operate in locale

Answer(s): D

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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.

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10. 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.

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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.

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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.

Answer(s): A D E

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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.

Answer(s): B D

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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.

Answer(s): D

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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.

Answer(s): C

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16. Universal Containers has multiple project learns 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.

Answer(s): B

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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. 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(s): D

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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 Salesforec? 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.

Answer(s): B D

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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 rues 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.

Answer(s): C D

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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 400M

C. Maximum Size of deployed .zip file is 39MB.

D. Deploy and retrieve up to 10,000 files at once.

Answer(s): C D