

### DEVELOPMENT-LIFECYCLE-AND-DEPLOYMENT-ARCHITECT<sup>Q&As</sup>

Salesforce Certified Development Lifecycle and Deployment Architect

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#### **QUESTION 1**

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 throughput testing due to not having isolation form 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.

Correct Answer: B

#### **QUESTION 2**

Universal Containers CUC) has multi-cloud architecture in a single org. The Sales Cloud dev team is working in a Dev Pro sandbox (DevProl) of delivering a release In three months. The business requirements from Service Cloud warrant a quicker release in four weeks, but need part of the Sales Cloud work that is completed in DevProl. The decision of using a separate Dev Pro sandbox (DevPro2) is still pending. The DevProl was upgraded to preview for next salesforce major release two weeks ago.

What should an Architect recommend?

- A. Ask the second work stream team to work on the same DevProl sandbox.
- B. Clone the DevPro1 sandbox and name It DevPro2 for the second work stream to work on the Service Cloud requirements.
- C. Push back on the requirements because adding another work stream will bring some risks with it.
- D. DevPro1 cannot be cloned because it is on a different version from Production. Just create a new DevPro2, and migrate metadata from DevPro1.

Correct Answer: B

#### **QUESTION 3**

UC\\'sscale 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 bugys 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

- 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

Correct Answer: ACD

#### **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.

Correct Answer: D

#### **QUESTION 5**

Universal Containers uses multiple Salesforce orgs for its different lines of business (LOBs). In a recent analysis, the architect found that UC could have a more complete view of its customers by gathering customer data from different orgs.

What two options can an architect recommend to accomplish the customer 360-degree view?

Choose 2 answers

- A. Implement a Complete Graph multi-org strategy by allowing each org to connect directly to every other, reading and writing customer data from the orgs where it has been originally created.
- B. Migrate from multi-org to single-org strategy, consolidating customer data in the process.
- C. Implement a Single Package multi-org strategy by developing and deploying to all orgs a managed package which reads and consolidates customer 360-degree view from the different orgs.
- D. Implement a Hub-and-Spoke multi-org strategy by consolidating customer data In a single org, which will be the master of customer data, and using integration strategies to let the LOBs orgs read and write from it.

Correct Answer: CD



#### **QUESTION 6**

Universal Containers (UC) is midway through a large enterprise project. UC is working in an agile model, and currently has four-week iterations, with a branching strategy supporting this approach. UC operates in a strict regulatory environment, and has dedicated teams for security, QA, and release management. The system is live with users, and a serious production issue is identified at the start of a sprint, which is narrowed down to a bug in some Apex code.

Which three approaches should an architect recommend to address this bug? Choose 3 answers

- A. Investigate potential data impacts.
- B. Fix the bug in a hotfix branch.
- C. Wait until the next release to deploy the fix.
- D. Attempt to fix the bug directly in production.
- E. Seek stakeholder approval for the hotfix.

Correct Answer: ABE

#### **QUESTION 7**

Universal Containers is reviewing its environment strategy. They have identified a need for a new hotfix environment to resolve any urgent production issues.

Which two sandbox types would be appropriate to use as the hotfix environment?

Choose 2 answers

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

Correct Answer: CD

#### **QUESTION 8**

Cloud Kicks (CK) is launching a new sneaker line during the upcoming holiday season and needs to do a thorough batch data testing before Go-Live. CK is using Salesforce unlimited edition. What two sandbox types should the architect recommend for batch data testing?

Choose 2 answers

A. Developer Pro sandbox



- B. Partial Copy sandbox
- C. Developer sandbox
- D. Full sandbox

Correct Answer: BD

#### **QUESTION 9**

Universal Containers (UC) has a large backlog of work. They have noticed that despite their best efforts, valuable enhancements and updates are not being completed because they do not have the bandwidth to get them done. Many of these items are low effort and would not require experienced resources.

What should the architect recommend that will minimize additional costs and allow UC to accomplish more from the

- A. UC should hire a partner to complete the needed backlog items.
- B. UC should eliminate low-value items from the backlog.
- C. UC should hire additional resources to reduce the backlog.
- D. UC should start a citizen development program.

Correct Answer: D

#### **QUESTION 10**

Universal Containers (UC) has a customized repository that represents lots of different apps or projects. UC currently is trying to shift from the org development model to the package development model to manage changes. In the org

development model, each developer starts their work within their own personal sandbox.

When it comes to choosing development environments, what should a Salesforce architect recommend?

Start using scratch orgs because a developer can spin up a scratch org to start a new project, start a new feature branch, or start automatedTesting.

- A. Start using scratch orgs that tracks all of the changes automatically and proceed with a staggered approach since scratch orgs can coexist With other models.
- B. Keep developing in the dev sandboxes because scratch orgs are not within the code deployment path.
- C. Keep developing in the dev sandboxes, so that the developers feel no impact at all as they are used to the sandbox development.

Correct Answer: A



#### **QUESTION 11**

Northern Trail Outfitters (NTO) recently acquired Eastern Trail Outfitters (ETO). NTO\\'s sales leadership team had hands-on experience with the ETO\\'s Sales Optimization app and have given the feedback that the app would benefit NTO\\'s sales team.

Which option should the architect recommend for having ETO\\'s Sales Optimization app in NTO\\'s Salesforce org in the shortest possible time?

- A. Create a managed package of the app and deploy in NTO\\'s org.
- B. Create an unmanaged package of the app and deploy in NTO\\'s org.
- C. Create users in ETO\\'s org and provide access to NTO\\'s sales team.
- D. Create a core team and build the Sales Optimization app in NTO\\'s org.

Correct Answer: C

#### **QUESTION 12**

Universal Containers (UC) had implemented two full sandboxes. One, known as Stage, is used for performance, regression testing, and production readiness check. The other is used primarily for user acceptance testing (UAT). Both full

sandboxes were refreshed two months ago. Currently, UC is targeting to start user acceptance testing in two weeks, and do production release in four weeks. An admin also realized Salesforce will have a major release in six weeks.

UC needs to release on the current Salesforce version, but also wants to make sure the new Salesforce release does not break anything

What should an architect recommend?

- A. Refresh Stage now, and do not refresh UAT. This way, Stage will be on preview and UAT will not.
- B. Use the Sandbox Preview Guide to check if there is any necessary action needed. UC might have to prepare, refresh, and redeploy to UAT.
- C. Visit trust.salesforce.com to figure out the preview cutoff dates, if the dates had passed, work with support to get on the preview instance.
- D. Refresh Stage from UAT now. After preview cutoff, use the upgraded one for regression test, use the non-upgraded one for user acceptance Test.

Correct Answer: B

#### **QUESTION 13**

Universal Containers (UC) had been using change sets for deploying all of the modifications to its Sales Cloud apps. After multiple business units joined the single Salesforce instance, there is a need to evaluate which development model is



the most suitable for UC.

The IT management has shown a particular interest in finding out more about the package development model.

As an architect, which two statements can be made to articulate the differences between the change set model and package development model?

Choose 2 answers

- A. In package development, the source of truth is the metadata in the package project, which makes it easy to integrate to a version controlSystem.
- B. A change set can be retrieved from the developer\\'s workbench as a package, then pushed into the version control system to achieve the Versioning control.
- C. In change set development, the source of truth is a combination of the metadata already in the environment and the content of your change Set.
- D. In package development, the best practice is to consider the dependencies and build the dependencies into the package so it can be deploye In any other target orgs.

Correct Answer: AC

#### **QUESTION 14**

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

#### **QUESTION 15**

In 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



Correct Answer: AB

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