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Salesforce Certified

Development Lifecycle and

Deployment Architect

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Salesforce

Exam Development-Lifecycle-and-Deployment-Architect

Salesforce Certified Development Lifecycle and Deployment Architect (SP23)

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Question No : 1

A team has completed a sprint and intends to deploy these changes after business approval, but they will immediately begin the next sprint.

What strategy should an architect recommend?

A. The first task of the new sprint must be the deployment approval. After that, the other tasks of the sprint can be performed in the environments and Git.
B. Using Git, create a release branch from the develop branch. All fixes must be made in therelease branch. After deployment, merge release with develop.
C. Commit upcoming changes to the features branch without merging into the develop branch. Deploy from the develop branch and then merge new sprint features into the develop branch.
D. Migratethe current code to the UAT sandbox. Begin new sprint development in the Dev sandbox. Make fixes in the UAT environment and deploy UAT for production after business approval.

Answer: B

Question No : 2

Universal Containershas started building a customer Lightning community that contains a few dozen Aura components. The development team lead has come to the Salesforce architect about questions regarding testing the Lightning components.

What two knowledge points can the architect pass to the development team lead?

Choose 2 answers

A. The testing of the JavaScript part of the Aura component can be tested in the Jest framework and the Apex controllers can be tested using test classes.
B. Install the Lightning test serviceAppExchange package to enable the Aura component testing.
C. There is a $T test helper object that can be used to create the instance of the Lightning component, and it is promise enabled.
D. The testing can be viewed in the lightning.force.com/c/jasminetests.app URL. The page loads and runs Jasmine test and writes pass/fail information to the screen.

Answer: A,B

Question No : 3

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 anddeploy them in the same order.
D. Use a combination of the Ant migration tool and change sets for deployment.

Answer: A

Question No : 4

Universal Containers (UC) is embarking on a large program of work, with different projects and different vendors. UC created a center of excellence (COE) that is struggling with scope creepbetween the different projects.

What role should the architect suggest be added to the COE?

A. Scrum master
B. Release managers
C. Product owner
D. Change managers

Answer: A

Question No : 5

Universal Containers is working on the next phase of development for their Salesforce implementation involving a large amount of custom development. Which two strategies should be considered to address a critical production issue occurring in the middle of development? Choose 2 answers

A. Createseparate branches for current development and production bug fixes and deploy the fix with current development when ready
B. Utilize one branch for both development and production bug fixes to avoid out-of-sync branches and simplify deployment
C. Utilize asource control system to allow separate branches for current development and production bug fixes
D. Refresh a sandbox for replication of the issue and testing the use -case scenarios once the code is fixed

Answer: C,D

Question No : 6

Universal Container has multiple departments who use Salesforce and request changes: Sales, Service, Back Office, Marketing, etc. Each of these departments makes independent purchase decisions for AppExchange apps, field requests, and page layouts, resulting in low adoption and under -useof standard Salesforce capabilities. What mechanism should a Technical Architect recommend to increase use of standard Salesforce functionality?

A. Change Control Board
B. Requirements Traceability Matrix
C. Center of Excellence
D. Project ManagementOffice

Answer: C

Question No : 7

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: B,C

Question No : 8

The CTO at Universal Containers decidedto implement the Scrum framework for its agile teams, and communicated a set of Scrum principles to the company.

Which describes a Scrum principle?

A. Deliver working software, so if a software component is working, avoid changing it.
B. Respect otherteams by not doing their work (a developer should not test the software).
C. Create transparency by being honest and clear about timing, planning, and obstacles.

D. Embrace change by working on a different scope every day.

Answer: C

Question No : 9

NorthernTrail Outfitters (NTO) has well-defined release management processes for both large and small projects. NTO's development team created a workflow and a trigger for the changes in its opportunity renewal process.

What should the architect recommend for release planning of these changes?

A. Plan this as a patch release and align with the Salesforce patch release.
B. Plan this as a major release and align with a Salesforce major release.
C. Plan this as a minor release with training and change management.
D. Plan this an interim release after checking with Salesforce support.

Answer: C

Question No : 10

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 theright 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 ofthe release.

Answer: A,D,E

Question No : 11

Universal Containers (UC) has multiple teams with major projects working

concurrently in their own developer sandboxes. After deploying to production, a bug is

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discovered. Due to tight timelines, the development team has suggested correctingthe bug in the user acceptance testing (UAT) environment, which is a full copy sandbox.

What should the architect recommend?

A. UC should spin up a new sandbox to use as a hot fix environment. Once the bug is corrected, the change should be applied to production and downstream environments.
B. The fix should be made in the developer environment where the project work was done. Once the fix has been made, it should go through a full deployment/testing process and adhere to the normal project cadence.
C. Since the issue was found in production, it should be treated as a change request and go
into the backlog as an enhancement.
D. Correcting the bug in UAT is ideal. Since UAT is a full copy, it will be the fastest location to fix and test the resolution.

Answer: A,C

Question No : 12

Universal Containers (UC) development team is developing a managed package for

AppExchange. The productteam has finished developing and testing, and wants to submit a

Security Review. However, the product manager has concerns on the few errors from the

Checkmarx code scanner.

How should the product team proceed?

A. Review the Checkmarx errors. If there is no need to fix, mark them as false positive and attach explanation, then submit.
B. Leave them to the Salesforce security review team, they would catch it if those are true problems.
C. Leavee a partner support case, the partner manager will engage Salesforce support resources to help.
D. Review the Checkmarx errors and fix all of them before submitting security review. Salesforce security review team will reject the request if any error remains.

Answer: A

Question No : 13

Universal Containers (UC) environmentmanagement architect is using the package

development model for deployment to different orgs.

Which metadata changes does the architect need to track manually?

A. No manual tracking required. All changes are automatically tracked.
B. All metadata changes for the release.
C. Changes to components not yet supported by source tracking.
D. Only the changes made via the Setup UI.

Answer: A

Question No : 14

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 Sandboxtype should a Technical Architect recommend?

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

Answer: D

Question No : 15

What are the three considerations that the architect should recommend for Change Set

deployment?

Choose 3 answers

A. Change Sets cannot be automated..
B. Change Sets cannot be validated before deployment
C. Change Sets cannot be used for orgs affiliated with same production org.
D. Change Sets cannotbe rolled back.
E. Change Sets cannot be reused between Production Salesforce orgs.

Answer: A,D,E

Question No : 16

Universal Containers has five development teams. The performanceof the teams has

been good, but the number of bugs has been increasing. After each sprint, they need more time to

understand the code and make changes.

What are two ways to improve the performance?

Choose 2 answers

A. Define a team that willanalyze/approve all changes.
B. Define and follow code standards.
C. Sprint review process.
D. Version control system to identify who is generating the bugs.

Answer: B,C

Question No : 17

Universal Containers has developed teams working on multiple projects. They are exploring a source control tool to track and manage their code/config. What two benefits does a source control tool provide?Choose 2 ans

A. Provide the ability for distributed teams to work in isolation.
B. Provides automated code/configuration deployments.
C. Provides the ability to backup code/configuration changes.
D. Provides the ability to automatically identify issuesin code/configuration.

Answer: A,C

Question No : 18

Universal Containers (UC) has multiple development teams that work on separate streams of work, with different timelines. Each stream has different releases of code and config, and thedelivery dates differ between them.

What is a suitable branching policy to recommend?

A. Leaf-based development
B. Trunk-based development
C. GitHub flow
D. Scratch-org-based development

Answer: C

Question No : 19

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

Answer: C,D

Question No : 20

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.

Answer: A,B,E

Question No : 21

Universal Containers has just initiated a project involving a large distributed development and testingteam. 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 tool

Answer: D

Question No : 22

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

Question No : 23

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: B

Question No : 24

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

Answer: B,D

Question No : 25

Whenreplacing 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 environmentfor 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: B,D

Question No : 26

Ursa Major Solar (UMS) has used Aura components significantly in its Salesforce

application development. UMS has established a robust test framework and the development

team follows the Salesforce recommended testing practices. UMS team uses Salesforce's test tool To check for common accessibility issues.

In which twoenvironments the UMS team can call Aura accessibility tests?

Choose 2 answers

A. JSTEST
B. ACCTEST
C. WebDriver Test
D. AuraDriver Test

Answer: A,C

Question No : 27

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 tomitigate 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 subjectMatter 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 anew developer environment will be needed to mitigate the risk.

Answer: A,C

Question No : 28

Universal Containers has asked the salesforce architect to establish a governance framework to manage all of those Salesforce initiativeswithin 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

Question No : 29

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? Choose3 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 morecomplex

Answer: B,C,D

Question No : 30

Universal Containers is about to begin the release of a major project. To facilitate this, they have several sandboxes to make their deployment train. These sandboxes are a mix of preview and non-preview instances.

What should the architect recommend?

A. Refresh all non-preview sandboxes during the release preview window.
B. Refreshall non-preview sandboxes when the release management team has time.
C. No advice needed, mixing instance types is important for regression testing.
D. Contact support to rollback the release when Salesforce upgrades the sandboxes,

Answer: A

Question No : 31

Universal Containers (UC) is looking at implementing a large number of features using an AppExchange product. This product uses Sobjects to store and configure important business

logic within the application.

Which two options should an architect recommend, as the source of truth for storing this

reference data?

Choose 2 answers

A. Store the records insandboxes and production.
B. Store the records in a version control system.
C. Use a third-party product to manage these records.
D. Attach CSV files to the user stories in a project management system.

Answer: A,C

Question No : 32

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?