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Salesforce

Exam Questions Development-Lifecycle-and-Deployment-Architect

Salesforce Certified Development Lifecycle and Deployment Architect (SU22)

NEW QUESTION 1
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 2
Universal Containers (UC) is a large enterprise with a complex system landscape. UC is currently rolling out new infrastructure and strategies around Salesforce DevOps. Some of the key feature's UC is looking to support is rollback of metadata after a deployment, and the backup and restore of data to help recover from deployment issues, system bugs, or outages in their downstream systems.
Regulations in the industry mean that UC must be able to provide strategies to recover and rollback from issues. The regulator has discovered UC is not currently providing these, and must do so as soon as possible to remain compliant.
What should an architect advise?

A. Salesforce backs up all data and will restore it for customers on request.
B. Evaluate third-party and AppExchange products.
C. Advise stakeholders that rollback is not possible for Salesforce.
D. Custom build a feature rollback and data restore tool for Salesforce

Answer: B

NEW QUESTION 3
Universal Containers requires that all sandboxes that have not been recently refreshed must also receive the newest changes to production. This must be done before any functionality from that environment can be moved to production. Which deployment tool would allow this deployment process to be managed in an automated fashion?

A. Workbench
B. Force.com Migration Tool
C. Change Sets
D. Force.com IDE

Answer: B

NEW QUESTION 4
Universal Containers CUC) has developed extensions of Salesforce Service Cloud for the use of its customer service teams using the change set development model.
Recently, UC acquired a company that develops extensions of an AppExchange app. The development team of the acquired company uses the org development model. The Universal Containers CTO wants both teams to work on a single org and follow the same set of processes.
Which development model should the architect recommend to be used by the consolidated development team?

A. Org development model, because the acquired company's team is already using it, and it is better than the change set development model.
B. Package development model, because it allows packages to be created and deployed using declarative (point-and-click) development tools, without writing code.
C. Package development model, so teams can build release artifacts that can be tested and released independently from artifacts for other projects.
D. Change set development model, because UC is already using it, so it will face less resistance.

Answer: C

NEW QUESTION 5
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.

Answer: B

NEW QUESTION 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 -use of 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 Management Office

Answer: C

NEW QUESTION 7
Universal Containers is having trouble aligning releases between major, minor, and Salesforce seasonal releases.
What should an architect recommend?

A. Gate all release decisions at the center of excellence.
B. Create a release calendar, train and align all the teams.
C. Share the test plans between the teams on each release type.
D. Create a spreadsheet of metadata changes and reconcile the overlaps.

Answer: B

NEW QUESTION 8
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 Productio
E. Just create a new DevPro2, and migrate metadata from DevPro1.

Answer: B

NEW QUESTION 9
Universal Containers has 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 service AppExchange 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 UR
E. The page loads and runs Jasmine test and writes pass/fail information to the screen.

Answer: AB

NEW QUESTION 10
Universal Containers' developers are working on a Visualforce page in a sandbox when an administrator adds a new field to Production. Which two approaches could an architect suggest to an administrator that would assist the developers in their development process? Choose 2 answers

A. Use a Change Set to deploy the changes from Production to the sandbox, to ensure that changes made in production are reflected in the sandbox that the developers are working on
B. Use Salesforce-to-Salesforce to deploy the changes from Production to the sandbox, to ensure that changes made in production are reflected in the sandbox that the developers are working on
C. Manually replicate the same changes in the developer sandbox to ensure that changes made in production are reflected in the sandbox that the developers are working on
D. Refresh the developer sandbox to ensure that changes made in production are reflected in the sandbox that the developers are working on

Answer: AD

NEW QUESTION 10
Northern Trail Outfitter's development team has built new features for its sales team in
the Asia-Pacific region. While testing the Apex classes, the developers are constantly hitting the governor limits.
What should the architect recommend during the review to address this issue?

A. Use test.startTest() and test.stop Test() methods to reset governor limits.
B. Use an AppExchange product which can temporarily increase the governor limits.
C. Use the auto reset property to automatically reset governor limits during off-hours.
D. Use test.setLimit() and test.resetLimit() methods to reset governor limits.

Answer: A

NEW QUESTION 11
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 theVersioning 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.

Answer: AC

NEW QUESTION 13
Universal Containers has many backlog items and competing stakeholders who cannot agree on priority. What should an architect do to overcome this?

A. Facilitate the design of a prioritization model with the stakeholders.
B. Organize a sprint planning meeting with the Scrum team.
C. Take over prioritization for the stakeholders.
D. Allow the delivery teams to pick the best work for the business.

Answer: A

NEW QUESTION 14
Universal Containers (UC) maintains its Salesforce org using its internal tools and processes for managing its application lifecycle. The UC team has been facing challenges on their development processes in their recent two releases. The architect has recommended the UC team to follow the org development model to address the challenges faced.
Which two characteristics of the org development model will help UC address the challenges? Choose 2 answers

A. Automated deployment
B. Automated defect fixing
C. Automated sandbox provisioning
D. Automated change tracking

Answer: AD

NEW QUESTION 19
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 21
What are three advantages of the package development model? Choose 3 answers

A. Improving team development and collaboration.
B. Eliminating the need of using change set, which should no longer be used as it can get messy working with package development models.
C. Facilitating automated testing and continuous integration.
D. Significantly reducing the need for manually tracking changes.
E. Providing its own source control, so the source can be deployed In any sandbox orgs.

Answer: ABC

NEW QUESTION 24
Universal Containers has automated its deployment process using Metadata API. However, they found that Metadata API doesn't support all the components yet. What should be done to address this?

A. Deploy unsupported components manually before/after deployment.
B. Use AppExchange products to deploy unsupported components.
C. Use change sets for deploying all the unsupported components.
D. Use the force.com IDE for deploying the unsupported components.

Answer: A

NEW QUESTION 26
Universal Containers has a complex deployment coming up. The deployment will include several Apex classes which depend on custom settings that hold important configuration. How should an Architect manage this deployment?

A. Script the deployment of all functionality via the Force.com Migration Tool
B. Manually deploy and populate custom settings in production using a change set
C. Create a custom metadata type and include this in your deployment to production
D. Manually deploy and populate the custom settings in production prior to the Apex Class deployment

Answer: C

NEW QUESTION 29
Cloud Kicks is considering using an automated testing tool to help manage deployments between environments.
When should the architect recommend the use of an automated testing tool?

A. Automated tests should be run when branches are merged.
B. Automated tests should be run dally in all Developer Orgs.

C. Automated tests should be run only when merging into Full or Partial Copy sandboxes.
D. Automated tests should be run daily in all Developer Orgs, and when branches are merged.

Answer: C

NEW QUESTION 30
Universal Containers is adopting Scrum as an agile methodology and wants to choose a software tool to support the adoption. What three key features of an agile development support tool should an architect look for? Choose 3 answers

A. Sprint backlog management
B. Email notifications when work is created or changed
C. Product backlog prioritization
D. Work (for example, user stories or tasks) assignment
E. Kanban board

Answer: CDE

NEW QUESTION 35
Universal Containers has 80% code coverage. Despite the creation of a test plan for each sprint, the number of defects is large.
What two items should the architect recommend to reduce defects? Choose 2 answers

A. The test script should be used to define the test classes.
B. The code coverage should be increased to 95%.
C. The test analyst who creates the test plan must also create the test classes.
D. The acceptance criteria should have more details.

Answer: AD

NEW QUESTION 36
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 37
At any given time, Universal Containers has 10 Apex developers building new functionality and fixing bugs. Which branching strategy should an Architect recommend that mitigates the risk of developers overwriting others changes?

A. Have all developers build new functionality in new branches, but fix bugs in the HEAD
B. Have all developers work in the same branch, continuously testing for regressions
C. Have developers work in separate branches and merge their changes in a common branch for testing
D. Don't use source contro
E. Rely on Salesforce's built-in conflict detection mechanism

Answer: C

NEW QUESTION 38
Universal Containers CUC) is using Salesforce Performance Edition. They are planning to host weekly training sessions for the next four weeks. Each training will be five days long and a new set of trainees will attend every week. UC wants to train these users on samples of production data and delete all the data generated during the training session at the end of the week.
What optimal option should a technical architect recommend?

A. Refresh a Partial Copy sandbox every weekend and load data needed using data loader.
B. Refresh a Partial Copy sandbox every weekend and include an appropriate sandbox template.
C. Refresh a Developer Pro sandbox every weekend and load data needed using data loader.
D. Refresh a Developer Pro sandbox every weekend and include an appropriate sandbox template.

Answer: B

NEW QUESTION 40
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 dirctly in production bypassing the full sandbox.
B. Utilize the minor release process to create the report dirctly 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 42

Northern Trail 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

NEW QUESTION 45
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: CD

NEW QUESTION 48
Universal Containers has just completed several projects, including new custom objects and custom fields. Administrators are having difficulty maintaining the application due to not knowing how objects and fields are being used. Which two options should an Architect recommend? Choose 2 answers

A. Create Design standards to require help text on all custom fields and custom objects.
B. Create Design standards to consistently use the description field on custom objects.
C. Create Design standards with a document to store all custom objects and custom fields
D. Create Design standards to require all custom fields on all custom object page layouts
E. Create Design standards to consistently use the description field on custom fields.

Answer: BE

NEW QUESTION 50
Universal Containers (UC) has gone through a global organization restructuring and process review during the last year, which triggered a review of its Salesforce org strategy. After thorough analysis of its org and global customers, UC decided to start a project to merge its Salesforce orgs, going from a multi-org to a single-org strategy.
In this scenario, what are three benefits going to a single-org strategy? Choose 3 answers

A. Lower administration overhead costs.
B. Improved Chatter collaboration across different business units.
C. Consolidating the business processes would be simplified.
D. Automatically unify data model among all lines of business.
E. Easier to get a 360-view of the customer.

Answer: ABE

NEW QUESTION 54
Universal Containers has just initiated a project involving a large distributed development and testing team. 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

NEW QUESTION 58
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 63
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

Answer: AB

NEW QUESTION 68
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: B

NEW QUESTION 72
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 issues in code/configuration.

Answer: AC

NEW QUESTION 74
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 in sandboxes 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: AC

NEW QUESTION 77
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 81
What advice should a technical architect provide in a Change Advisory Board meeting?

A. Functionality meets the business needs.
B. Solution is usable by the business.
C. Solution is technically sound.
D. Troubleshooting strategies for deployment issues

Answer: D

NEW QUESTION 82
Universal Containers (UC) is a high-tech company using SFDX tools and methodologies for its Salesforce development. T UC has moved some of its code and configuration to Unlocked Packages.
Which two best practices should an architect recommend to support UC's new package development strategy? Choose 2 answers

A. Version control does not need to be used, as packages manage all the code and configuration.
B. Test developed packages in test environments before installing to production.
C. Move everything in the existing codebase to a single monolithic package.
D. Consult the metadata coverage report to identify features supported by packages.

Answer: AB

NEW QUESTION 85
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: CD

NEW QUESTION 87

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.

Answer: C

NEW QUESTION 91

Universal Containers (UC) has a recruiting application using Metadata API version 35, and deployed it in production last year. The current Salesforce platform is running on API version 36.A new field has been introduced on the object Apex page in API version 36. A UC developer has developed a new Apex page that contains the new field and is trying to deploy the page using the previous deployment script that uses API version 35. What will happen during the deployment?

A. The deployment script will pass because the new field is backward compatible with the previous API version 35.
B. The deployment script will fail because the new field is not known for the previous API version 35.
C. The deployment script will pass because the new field is supported on the current platform version.
D. The deployment script will fail because the platform doesn't support the previous API version 35.

Answer: B

NEW QUESTION 94

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 two environments the UMS team can call Aura accessibility tests? Choose 2 answers

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

Answer: AC

NEW QUESTION 95

Universal Containers are concerned that after each release, reports and dashboards seem to roll back to previous versions. Executives spend many hours crafting these dashboards to perfectly meet their needs, and are now questioning the Salesforce platform's ability to save things, even data records.
What can the Salesforce architect advise to stop the rollbacks from happening?

A. Use a third-party data warehouse.
B. Remove the executive's ability to change reports, and only allow developers to do that.
C. Ensure report metadata is exported daily and that it is merged into the developer branches before the next release.
D. Back up all the reports just before the release, then reimport them after the release,

Answer: C

NEW QUESTION 96

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 cannot be rolled back.
E. Change Sets cannot be reused between Production Salesforce orgs.

Answer: ADE

NEW QUESTION 98

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 to mitigate 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 subject Matter 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: AC

NEW QUESTION 103
Universal Containers CUC) is working with Salesforce CPQ, which uses configuration SObjects to drive business logic.
What are two best practice recommendations an architect should propose to allow UC to deploy CPQ features as part of their CI/CD process?
Choose 2 answers

A. Use a third-party product.
B. Build an Apex framework to deploy CPQ records.
C. Use an open source SFDX plugin and version control.
D. Use data loader to deploy CSV files.

Answer: BD

NEW QUESTION 104
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 106
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