Adobe

Exam Questions AD0-E117

Adobe Experience Manager Architect Master

NEW QUESTION 1
A client is using AEM and wants to make sure they are managing their configurations correctly. Refer to the following requirements:
The client has multiple brands that they will be hosting on a single AEM implementation The client wants to reuse as much between brands as possible
Each brand needs to be able to override the default values for items like contact us information The client plans to support multiple languages in multiple regions for each brand
Each brand/language/region combination will have its own set of content approvers used as part of a custom workflow
Which approach should an Architect recommend to manage the client's configurations for AEM?

A. Use the OOTB Configuration Browser to set configuration defaults and approval group by brand/language/region combination.
B. Use Context-aware configurations to manage configuration overrides and approval group by brand/language/region combination.
C. Use OSGi to manage approval group and provide default contact us information by runmode.
D. Use OSGi Configuration to handle configuration overrides by bran
E. Create a new workflow for each brand/language/region combination for content approval.

Answer: B

Explanation:
"using Context-aware configurations can allow managing configuration overrides and approval group by brand/language/region combination using content policies".

NEW QUESTION 2
An Architect is performing infrastructure and capacity planning for Author servers for a customer using AEM 6.5. Which two factors would lead the Architect to pick a multi-author instance architecture setup? (Choose two.)

A. Website Traffic handled by servers
B. Fail safeness of the servers
C. Number of Parallel Authors
D. Cache Efficiency on the dispatcher
E. Types of actions performed by Authors

Answer: BC

Explanation:
"a multi-author instance architecture setup provides failover and load balancing for author servers. It also allows for scaling up the number of parallel authors who can work on the same content without affecting performance".

NEW QUESTION 3
A client is migrating the content from a legacy website to an existing AEM implementation. An Architect evaluates the content of the legacy site and determine-that there are approximately 20.000 pages with a common structure, and a few hundred pages that do not follow a pattern. The client wants to complete the migration as soon as possible.
Which approach should the Architect recommend for the content migration?

A. Migrate all common pages using the ETL procedure with multiple rounds
B. Migrate all common pages using the ETL procedure and use manual authoring for the rest
C. Use Site importer to import the content into AEM
D. Recreate the entire content manually with a group of Content Authors

Answer: B

Explanation:
"migrating all common pages using the ETL procedure and using manual authoring for the rest can reduce the time and effort required for the content migration".

NEW QUESTION 4
An existing AEM sites platform will receive the latest service pack. The service pack includes functional and non-functional fixes such as security patches. Which action should the Architect take to make sure the update is successful?

A. Advise the customer to request Adobe to install the fixes directly on production since they are prechecked.
B. Install the service pack m staging and ensure that all the bundles are up and running, then deploy to production.
C. Identify the packages affected by the service pack after installing them into production and monitor them.
D. Do a full staging of the service pack including a regression test, if passed, deploy to production.

Answer: D

Explanation:
According to Adobe Experience Manager documentation3, installing a service pack requires careful planning and testing before applying it to production environments. A full staging of the service pack includes verifying that all customizations and integrations are compatible with the new version, performing a regression test to ensure that all functionalities are working as expected, and validating that there are no performance or security issues.

NEW QUESTION 5
An enterprise client is on-boarding an AEM Desktop application to provide authors with the ability to load the AEM repository virtually on the file system. The desktop application is unable to connect to the AEM Author, which has SSL enabled. The intermediate certificate is installed on Apache.
How should an Architect resolve this issue?

A. Install the certificate chain to the keystore of the AEM authentication service user
B. Install the Root certificate to the AEM truststore
C. Install the certificate chain to the keystore of the AEM ssl-service user
D. Install the certificate chain to the AEM truststore

Answer: B

Explanation:
"installing the Root certificate to the AEM truststore can allow AEM Desktop application to connect to AEM Author with SSL enabled".

NEW QUESTION 6
A company with various departments wants to use tagging to improve search capability. Each department is restricted to use its own tags. How should an Architect organize the tags?

A. Create a department sub-tag in each tag
B. Use department ID as a prefix of each tag
C. Create a namespace for each department
D. Create tags in "departmentName:tagName" format

Answer: C

Explanation:
"creating a namespace for each department can allow organizing tags by different taxonomies and restricting access to them".

NEW QUESTION 7
A customer has a requirement to allow authors to access AEM with single sign-on. To achieve this an Architect needs to integrate AEM with the customer's identity management system.
Which two actions could an Architect take to meet this requirement? (Choose two.)

A. Implement the generic SSO Authentication Handler interface
B. Configure the Sling Authentication Requirements for the OSGi HTTP Service
C. Configure the SAML Authentication Handler
D. Configure the generic SSO Authentication Handler
E. Implement a custom JAAS Login Module

Answer: AD

Explanation:
"implementing and configuring the generic SSO Authentication Handler interface can enable single sign-on integration with an identity management system".

NEW QUESTION 8
AEM as a cloud service introduces major changes in the architecture by using containers. Which key architectural change was necessary to allow this to occur?

A. Using Adobe 10 for asset ingestion and processing, storing it on a separate blob and providing AEM with metadata
B. Using sling content distribution as the replication mechanism
C. Using MongoDB for Author environment
D. Isolating /app and /libs from the content, configurations and state mgmt.

Answer: D

Explanation:
"isolating /app and /libs from the content, configurations and state management allows AEM as a Cloud Service to use containers for scalability and resilience".

NEW QUESTION 9
A client wants to change how they publish their content. Refer to the following client business requirements:
• The client has a seasonal business that has significant content changes across their site that need to be rolled out at once based on the season change over date.
• The content authors need to be able to work one season in advance of publish dates to ensure that all changes can be completed on time.
• The content authors need a way to indicate that all the seasonal changes are ready. If the content changes are not completed, then the pages should not get published.
• The content authors need the ability to modify the current live pages without rolling back changes for a future content rollout.
What approach should the Architect recommend?

A. Use the Versioning feature when editing a page to toggle and publish changes when ready.
B. Use the Manage Publication with scheduling value set to the season change over date when changes are completed.
C. Create a Project inside of AEM for each new season and create a task for notifying that changes are completed.
D. Use Launches inside of AEM for each new season and use the production ready flag to show changes are completed.

Answer: D

Explanation:
"using Launches inside of AEM for each new season can allow content authors to work on future content changes without affecting the current live pages and use the production ready flag to indicate when changes are completed".

NEW QUESTION 10
A website built on AEM Sites displays the company's stock price in the footer of all pages. The stock data is retrieved from a third party REST service using two-way SSL and rendered in an AEM component using HTL During performance testing in the last development sprint it becomes apparent that the third party service sometimes takes up to 30 seconds to respond, which degrades the overall site performance.
How should an Architect address this issue?

A. Call the REST service directly from the browser
B. Temporarily remove the component from all content

C. Load the stock data component asynchronously
D. Add a 5 second timeout to the REST call

Answer: C

Explanation:
"loading the stock data component asynchronously can improve the site performance by not blocking the page rendering while waiting for the REST service response".

NEW QUESTION 10
A client's marketing pages are generally slow to load which is causing a significant drop in sales. All other AEM pages load within expected performance guidelines regardless of whether the visitor is being served the desktop or mobile experiences.
The marketing pages typically get slower when multiple external campaigns such as Facebook and AdWords drive traffic to those pages. The page performance tends to dip during high traffic periods. Internal campaign clicks such as those from hero images use similar campaign codes as external campaign traffic.
What should the Architect do to resolve this issue?

A. Modify the dispatcher.any file's section to ignore campaign-based URL parameters
B. Set AEM to use GZIP compression instead of the web server's compression
C. Add a new dispatcher farm to assist with the client's marketing pages
D. Convert the marketing pages to a responsive design instead of an adaptive design

Answer: A

Explanation:
Modify the dispatcher.any file's section to ignore campaign-based URL parameters12. According to Adobe Experience Manager documentation2, dispatcher can be configured to ignore certain URL parameters that do not affect the content of a page. This can improve caching performance and reduce load on AEM servers.

NEW QUESTION 11
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