

## Exam Questions AD0-E104

Adobe Experience Manager Architect

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#### NEW QUESTION 1

A multi-regional retail company has been using a featured product component on their home page with static content. As part of the enhancement the retail company wants to leverage Adobe Target to personalize the featured product displayed only to the users in one region. There is plan to apply this enhancement to additional regions in the near future. It is required to keep the featured product component backward compatible without updating the site content. Which option should the Architect recommend?

- A. Introduce personalization logic to the "featured product" component
- B. Introduce component versioning and proxy component pattern
- C. Use sling:superResourceType and editable templates
- D. Use the out-of-the-box ecommerce component

**Answer:** B

#### NEW QUESTION 2

Which two elements of Adobe Experience Cloud are utilized in integrating AEM with other Adobe solutions? (Choose two.)

- A. Experience Cloud Core Service
- B. Adobe Target
- C. Adobe Primetime
- D. Adobe Mobile SDK
- E. Adobe Creative Cloud

**Answer:** BE

#### NEW QUESTION 3

Which two tools should be recommended to do stress testing of an AEM application? (Choose two.)

- A. jMock and Mockito
- B. junit and Mockito
- C. Hobbes.js
- D. Adobe Tough Day
- E. Apache JMeter

**Answer:** DE

#### NEW QUESTION 4

A customer is using an AEM 6.4 core image component for their website. They have an additional requirement to render the title of the associated tags with the image. How should the Architect implement the new requirement?

- A. Using the Java-use class
- B. Using annotations
- C. Using a Sling Model
- D. Using HTL

**Answer:** C

#### NEW QUESTION 5

Why is online/offline compaction necessary?

- A. Purges workflow histories
- B. Cleans files in the segment store
- C. Reduces the size of stored assets
- D. Cleans up unused properties and nodes

**Answer:** B

#### NEW QUESTION 6

A customer has a large MSM setup with more than 30 languages and 150 websites: The content authors are frequently updating the master content. MSM is configured with the "Push on modify" rollout configuration so that any changes are immediately pushed to all live copies. The customer is complaining that they encounter performance issues on the AEM Author. What should the Architect do?

- A. Configure MSM to use "Standard rollout config" with the "On Modification" trigger
- B. Configure MSM to use "Push on modify (shallow)"
- C. Configure MSM to use "Standard rollout config"
- D. Remove the referencesUpdate action from the "Push on modify"

**Answer:** C

#### NEW QUESTION 7

When should AEM MongoMK be chosen over TarMK on Author instances?

- A. To make maintenance easy

- B. To scale read access
- C. To scale instances horizontally
- D. To store more revisions

**Answer:** C

#### NEW QUESTION 8

A customer wants to implement an AEM solution to serve localized content to several regional websites. Which AEM capability should the Architect recommend?

- A. Use translation connector and translation workflows
- B. Use translation connector and i18N API
- C. Use i18N API and Multi Site Manager
- D. Use translation connector and Multi Site Manager

**Answer:** D

#### NEW QUESTION 9

How should OSGI configurations be deployed in AEM?

- A. As an XML file
- B. As text files
- C. Using the OSGI config console
- D. As a package

**Answer:** D

#### NEW QUESTION 10

A customer needs to pre-define filtering criteria that can be used on an asset search results in the AEM DAM. What should the Architect recommend?

- A. Add predicates to Search Rail in Search Forms
- B. Overlay Filter Component in Search Results Page
- C. Extend Global Search Field to include filtering criteria
- D. Implement filters using Query Builder API

**Answer:** C

#### NEW QUESTION 10

Why must Service Users be created?

- A. To allow mapping OSGi services to users
- B. To allow administration access to users
- C. To restrict mapping OSGi services to groups
- D. To restrict mapping OSGi services to admins

**Answer:** D

#### NEW QUESTION 11

An author makes changes to a page. The old version still appears on the site. The Author needs to troubleshoot by bypassing the Dispatcher and accessing the AEM page directly through the Publish instance. What should the author do?

- A. Modify the AEM Job Processing OSGI configuration
- B. Adjust the allowedClients of the dispatcher
- C. Use CURL to do a manual dispatcher flush
- D. Add a query parameter to the page URL

**Answer:** D

#### NEW QUESTION 13

A customer is preparing to migrate an AEM instance running with S3 Datastore. Why should an offline backup be done?

- A. Offline backup can be done in a much shorter time
- B. Online backup does not require a shutdown, so some changes might be missed
- C. Online backup only backs up the file system
- D. Offline backup triggers revision cleanup, which can reduce backup size

**Answer:** D

#### NEW QUESTION 17

A customer's article search page queries using a XPath expression from a very large number of article pages on AEM. The page takes a long time to respond regardless of the number of results. What is causing this issue?

- A. XPath expression based queries
- B. Dispatcher cache is not properly configured

- C. Rendering logic is not optimized for large results
- D. Indexing is not configured

**Answer:** D

#### NEW QUESTION 19

A company wants to train smart tags to recognize a new tag using Adobe Sensei technology. What is the minimum number of images that must be uploaded to meet this requirement?

- A. 10
- B. 50
- C. 100
- D. 30

**Answer:** D

#### NEW QUESTION 21

What has the highest precedence for evaluation of the access control list?

- A. User principals
- B. Last in multi-group permission
- C. Group principals
- D. First in multi-group permission

**Answer:** A

#### NEW QUESTION 22

A customer's implementation leverages Content Services. The JSON response is not accessible via the dispatcher. Which two configurations should the Architect verify? (Choose two.)

- A. Modify ACLs through User Management
- B. Modify URL re-write rules on the dispatcher
- C. Allow JSON content type headers in dispatcher configuration
- D. Allow JSON extension in dispatcher configuration
- E. Modify Allow/Deny rules on the dispatcher

**Answer:** DE

#### NEW QUESTION 26

A customer wants to cache a few secured pages served from AEM. What should the Architect do?

- A. Use CDN for caching secured pages
- B. Enable permission-sensitive caching with an Auth Handler
- C. Cache secured pages on a different dispatcher server
- D. Add Cache-Control header with optimal expiration time

**Answer:** B

#### NEW QUESTION 31

What should an Architect recommend to lower website response times for international audiences?

- A. Enable TTL-based caching on Dispatcher
- B. Enable TTL-based caching on HTTP proxy
- C. Enable TTL-based caching on CDN
- D. Enable TTL-based caching on Publisher

**Answer:** C

#### NEW QUESTION 32

Which method should be used to extend an existing AEM component for 6.2 and above?

- A. Use Sling Resource Merger to cross define the structures required
- B. Add new dialog boxes and code to the original component
- C. Copy the entire component structure from libs to apps and make changes
- D. Modify the Sling Resource Type on the original component

**Answer:** A

#### NEW QUESTION 35

A customer recently launched a new marketing campaign with large number of dynamic pages. The environment has a typical 1:1 deployment using two publish and two dispatchers.

The customer experiences performance degradation due to several factors: Dynamic marketing campaign pages

- Significant number of additional components on each dynamic page
- Increased concurrent traffic to the site

What should an Architect recommend to improve performance?

- A. Add additional Publish instances
- B. Add additional dispatchers
- C. Increase Publish server disk capacity
- D. Configure dispatcher caching

**Answer:** A

#### NEW QUESTION 40

In which two formats is AEM able to export Experience Fragments to Adobe Target? (Choose two.)

- A. HTML
- B. CSV
- C. XML
- D. JavaScript
- E. JSON

**Answer:** AE

#### NEW QUESTION 45

A customer has 2TB of DAM assets on-premise.

Which deployment model should an Architect recommend to increase AEM server performance?

- A. File datastore with default serialization
- B. S3 datastore with binary less serialization
- C. File datastore with binary less serialization
- D. S3 datastore with default serialization

**Answer:** B

#### NEW QUESTION 47

A customer has a limited number of authors and plans a multi-regional deployment architecture. The customer has the following requirements:

- High performance for regional end users
- Flexibility to scale performance horizontally as needed
- High availability and failover switch

Which installation should the Architect suggest?

- A. Single author instance with TarMK farm
- B. MongoMK with Cold Standby
- C. TarMK with Cold Standby
- D. Farm of one-to-one mapping of single author instance with single publisher instance

**Answer:** C

#### NEW QUESTION 48

A node in the JCR has no dedicated access control list. How should permissions be determined for this node?

- A. CRX applies default user/group permissions to the node
- B. CRX ascends the tree until a node with ACLs is found and applies user/group permissions
- C. CRX ascends the tree and aggregates all permissions to a node
- D. CRX descends the tree until a node with permissions is found and applies user/group permissions

**Answer:** D

#### NEW QUESTION 49

A news agency editor wants to publish news articles to an intermediate Publish (preview) instance for internal review before publishing the article to production Publish instance.

Which two steps should the Architect recommend? (Choose two.)

- A. Create a separate live copy to preview content
- B. Set up a new replication agent for preview server
- C. Create a closed user group (CUG) for editors
- D. Create a custom publish workflow
- E. Create a reverse replication agent on preview server

**Answer:** AB

#### NEW QUESTION 51

An AEM client also licenses Adobe Audience Manager and wants to provide content authors with the ability to create targeted experiences based on Audience Manager segments.

What should the Architect do to meet this requirement?

- A. Import Audience Manager segments via the OSGi bundle
- B. Configure the Adobe Target cloud configuration
- C. Apply the Audience Manager pixel in the AEM template header
- D. Enable the Experience Cloud ID Service

**Answer:** B

**NEW QUESTION 53**

A customer wants an image to be automatically tagged every time an image is uploaded to the DAM. What should an architect recommend?

- A. Enable smart tagging in the DAM Upload Asset offloading workflow
- B. Run the DAM Smart Tag workflow
- C. Configure enhanced Smart Tagging
- D. Configure smart tagging in the DAM Update Asset workflow

**Answer:** D

**NEW QUESTION 57**

An author wants to run the workflow that will train AEM to recognize custom tags on images. What must be done before running this workflow?

- A. The image must be manually tagged with the desired tags
- B. At least 30 images must be uploaded to the DAM
- C. Enable "Enable Smart Tagging" on the folder properties, add images to that folder
- D. The name of the image must match the desired tag

**Answer:** C

**NEW QUESTION 59**

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