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Adobe Certified Expert - Adobe Experience Manager Architect

Exam A

QUESTION 1
A client currently licenses AEM, Abode Target, and Adobe Analytics.

The client wants to increase organizational efficiencies by enabling content producers to have the ability to create personalized experiences in AEM. They want the results to be captured in Adobe Analytics.

Which implementation strategy should the Architect recommend?

A. Configure a replication agent that points to Adobe Target and use Adobe Launch for Analytics tags on the AEM Site
B. Place Adobe Target and Analytics tags onto your AEM Site
C. Place Analytics tags on your AEM Site and the Visual Experience Composer in Target
D. Use Targeting Mode in AEM and use Analytics for Target (A4T) as the reporting source.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.adobe.com/content/help/en/target/using/experiences/offers/aem-experience-fragments.html

QUESTION 2
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 or 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. Convert the marketing pages to a responsive design instead of an adaptive design
B. Set AEM to use GZIP compression instead of the web servers compression

C. Add a new dispatcher farm to assist with the clients marketing pages

D. Modify the dispatcher.any files section to ignore campaign-based URL parameters

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3

Which option should an Architect recommend to integrate Adobe Analytics with the AEM Author instance?

A. Adobe Analytics SDK

B. Adobe Analytics Cloud Configuration

C. Adobe Launch

D. Dynamic Tag Management (DTM)

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://helpx.adobe.com/experience-manager/using/integrate-digital-marketing-solutions.html

QUESTION 4

A customer with an international website has authors all over the world who work on content. Each day, a high amount of content changes are done through page editing, workflows, and translations.

Performance of the AEM Author starts off fine but degrades over time. Monitoring shows the available disk space is steadily decreasing. A health check shows that the daily maintenance jobs did not finish.

What two actions should the Architect do to resolve the issue? (Choose two.)

A. Run version and workflow purging

B. Recommend running offline Tar compaction

C. Recommend running online Tar compaction

D. Extend the daily window for online revision cleanup

E. Increase the allocated memory to AEM

Correct Answer: CE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
How does AEM provide the page model to a Single Page Application (SPA)

A. The SPA requests the HTML from AEM usimg HTL or JSP
B. The SPA requests the structure through the DOM
C. The SPA requests the page model from the Content Services.
D. The SPA page model is provided in client libraries.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.adobe.com/content/help/en/experience-manager-64/developing/headless/spas/spa-overview.html

QUESTION 6
Which solution is required to use segments from Adobe Analytics in AEM in authoring mode?

A. Adobe Launch
B. Adobe Target
C. Adobe Experience Cloud ID Service
D. Adobe Audience Manager

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.bounteous.com/insights/2019/05/20/guide-integrating-aem-adobe-target/

QUESTION 7
What infrastructure setup should an Architect recommend for the publishing tier when performance is a key metric?

A. AEM publisher with RDBMS
B. AEM publisher with MongoDB
C. AEM publisher in cold standby
D. AEM publisher with TarMK

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.adobe.com/content/help/en/experience-manager-64/assets/administer/performance-tuning-guidelines.html

QUESTION 8
A customer is using AEM 6.4. The Architect is defining "daily" runbook tasks.

Which task must be part of the list?

A. Version Cleanup
B. Offline compactionC. Audit Log Purge
D. Online compaction

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 9
Which format can content services export to out of the box (OOTB)?

A. CSV
B. HTML
C. TEXT
D. JSON

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://helpx.adobe.com/cz/experience-manager/6-4/mobile/using/rendering-and-delivery.html

QUESTION 10
How should an Architect reduce the time needed to index content?

A. Set the queryPaths property
B. Convert any property index to a lucene index
C. Set the include or excludePaths properties
D. Set the reindex property to true

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.adobe.com/content/help/en/experience-manager-64/deploying/deploying/oak-run-indexing-usecases.html

QUESTION 11
A developer makes changes to CSS in the client library and deploys the code. The page as seen by the end user does not change.

What should the Architect do to solve this situation permanently?

A. Deploy CSS code inside Adobe Launch
B. Configure Dispatcher Flush Agent in resource only mode
C. Use manual curl command to invalidate cache
D. Use curl command as part of CI script to invalidate cache

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.adobe.com/content/help/en/experience-manager-learn/getting-started-wknd-tutorial-develop/client-side-libraries.html **QUESTION 12**

Which deployment scenario should be used to achieve scalability for site visitor read access?

A. Oak Cluster with MongoMK across Multiple DataCenter
B. Single TarMK Instance
C. TarMK Farm
D. Oak Cluster with MongoMK in Single DataCenter

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 13
An Architect is creating an index to optimize data retrieval from AEM. The Architect implements a Property index instead of a Lucene index.

What is an advantage of the Property index?

A. Property indexes support uniqueness constraints
B. Lucene indexes are supported after AEM version 6.3
C. Property indexes are faster than Lucene indexes
D. Property indexes offer more features than Lucene indexes

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.adobe.com/content/help/en/experience-manager-64/deploying/practices/best-practices-for-queries-and-indexing.html

QUESTION 14
What defines the current policies applied for a node, which is set locally or inherited from parent nodes?

A. Local Access Control Policies
B. Effective Access Control Policies
C. Global Access Control Policies
D. Applicable Access Control Policies

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.adobe.com/content/help/en/experience-manager-64/developing/devtools/developing-with-crxde-lite.html

QUESTION 15
Which use case should be used for experience fragments?

A. Creating collections of fragments
B. Exporting a banner to Adobe Target
C. Defining a content model
D. Exporting a list of images to dynamic media

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.adobe.com/content/help/en/experience-manager-64/authoring/authoring/experience-fragments.html

QUESTION 16
A Slack channel needs to be updated in real time when an Asset is changed in AEM.

How should an Architect accomplish the task?

A. Use a JMS event

B. Use a JCR event listener

C. Use a Sling Job

D. Use an Adobe IO event

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://medium.com/adobetech/monitoring-aem-asset-updates-with-adobe-i-o-events-9c2a8395880d

QUESTION 17
A content author creates an article page in AEM. A notification must be sent to a third-party system.

An Architect needs to make sure there are multiple attempts to deliver the notification in the event the third-party system is temporarily unavailable.

How should the Architect meet this requirement?

A. Sling Pipes

B. Sling Jobs

C. Event Handlers

D. Event Listeners

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18
A client needs to serve customer support-related video content to site visitors. They have videos hosted in the DAM, Facebook, YouTube and Vimeo.

Which video player solution should the client use?

A. Use the AEM Dynamic Media component for all videos

B. Use the out-of-the-box AEM HTML5 Video component

C. Push all DAM videos to YouTube and use the video component

D. Create a new video component to support the required formats

Correct Answer: D
Section: (none)
Explanation
Explanation/Reference:
Reference: https://www.slideshare.net/ManishaBano2/vimeo-integration-2

QUESTION 19
A component needs to retrieve data from the repository and render it on a page using a Sling Model. When the page is published, the component does not render properly for anonymous users.

What should an Architect do to resolve this issue?

A. Use a system user
B. Add everyone to a group with read access
C. Add read access for everyone on the node
D. Use an admin session

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 20
Why must Service Users be created?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 21
Any content and styling changes to a template must be reflected on all pages including previously created pages using the template.
Which solution should be used to meet this requirement?

A. Editable templates
B. Static templates
C. Style system
D. Template policies

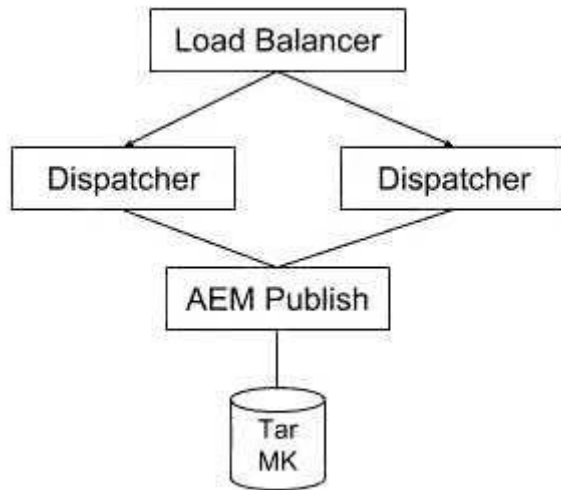**Correct Answer:** A
Section: (none)
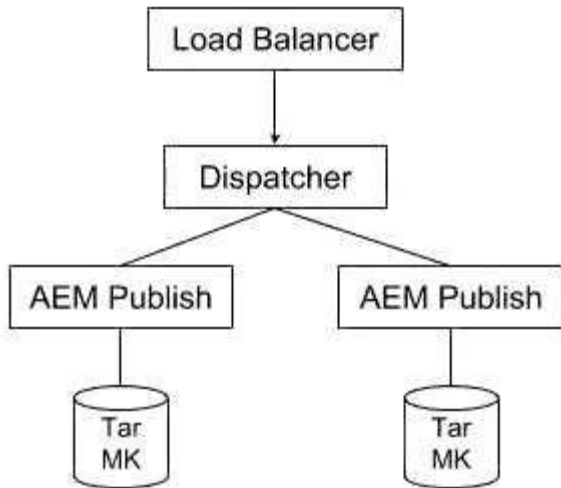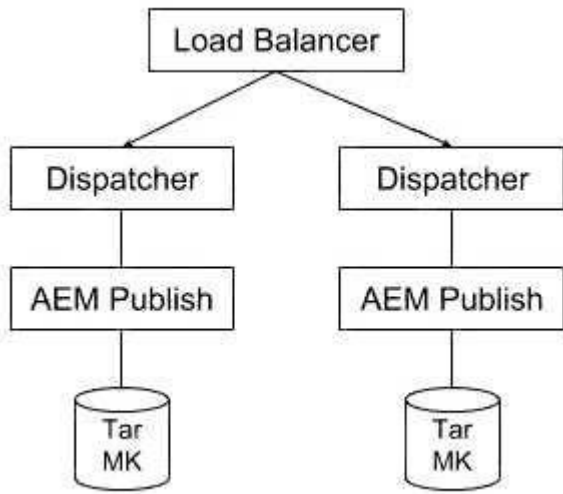**Explanation**

Explanation/Reference:
Reference: https://docs.adobe.com/content/help/en/experience-manager-64/authoring/siteandpage/templates.html
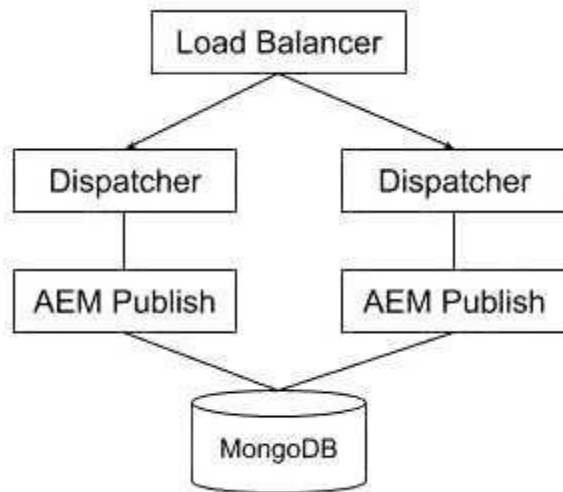
QUESTION 22
Which architecture should the Architect recommend for performance and failover?

A.

B. C.

D.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
A customer wants an image to be automatically tagged every time an image is uploaded to the DAM.

What should an Architect recommend?

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

Correct Answer: B
Section: (none)
Explanation

QUESTION 24
Which AEM pre-deployment action should the Architect do after final UAT testing but prior to a live production launch?

A. Understand migration requirements
B. Execute relevant AEM licensing and maintenance agreements
C. Stress test all Dispatchers and Publish instances
D. Forecast overall visitor traffic

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25
A customer wants to upgrade their AEM instance from 6.3 to 6.4 using the "In-Place" method. The goal is to eliminate the need to migrate content and recreate user permissions.

What are two disadvantages of doing an "In-Place" upgrade instead of a "Clean Install and Migrate" approach? (Choose two.)

A. Possibility that the upgrade significantly corrupts an otherwise working implementation
B. High probability that the upgraded system inherits existing platform errors/configuration issues
C. In-Place upgrades may not display the correct AEM version number after upgrades
D. The Dispatcher .stat file needs to be recreated
E. Eliminates the need to migrate content, partially implementations with large DAM repositories

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 26

A client's site does not show the latest page content for some site visitors. The client has two data centers with each configured with a Dispatcher connected to two Publish machines. The site load issue only occurs intermittently for visitors from one of the data centers.

Which step should the Architect take to resolve the issue?

A. Review the log files on the Author instances to determine if there are any template errors
B. Check the Publish instance(s) attached to the Dispatcher associated to the impacted data center
C. Disable caching on all impacted data centers Dispatchers to force the Publish machines to serve the page content
D. Check the SSL certificate on the impacted data center's load balancer.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27
When doing an AEM Online Backup, what should be configured to minimize the performance impact of the instance?

A. Use a directory for the TargetPath so that the image of the entire repository can be created.
B. Set the TargetPath to a filename with the extension .zip to save time from additional compression.
C. Run Datastore Garbage Collection or Revision Cleanup concurrently to reduce the backup size.
D. Configure the Delay option to zero so that the backup can be performed at full speed to finish sooner.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://helpx.adobe.com/experience-manager/6-3/sites/administering/using/backup-and-restore.html

QUESTION 28
A client needs to roll back published pages to a previous version in instances where content errors were uncovered. Previous versions of every published page should be made available for the authors to roll back if needed.

Which solution should an Architect recommend?

A. Create editable template to autosave page versioning
B. Modify the Page Activation workflow to include a versioning step
C. Restore individual page versions from the AEM backup file
D. Update the dispatcher.any file to force versioning of all pages

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference: