

Adobe

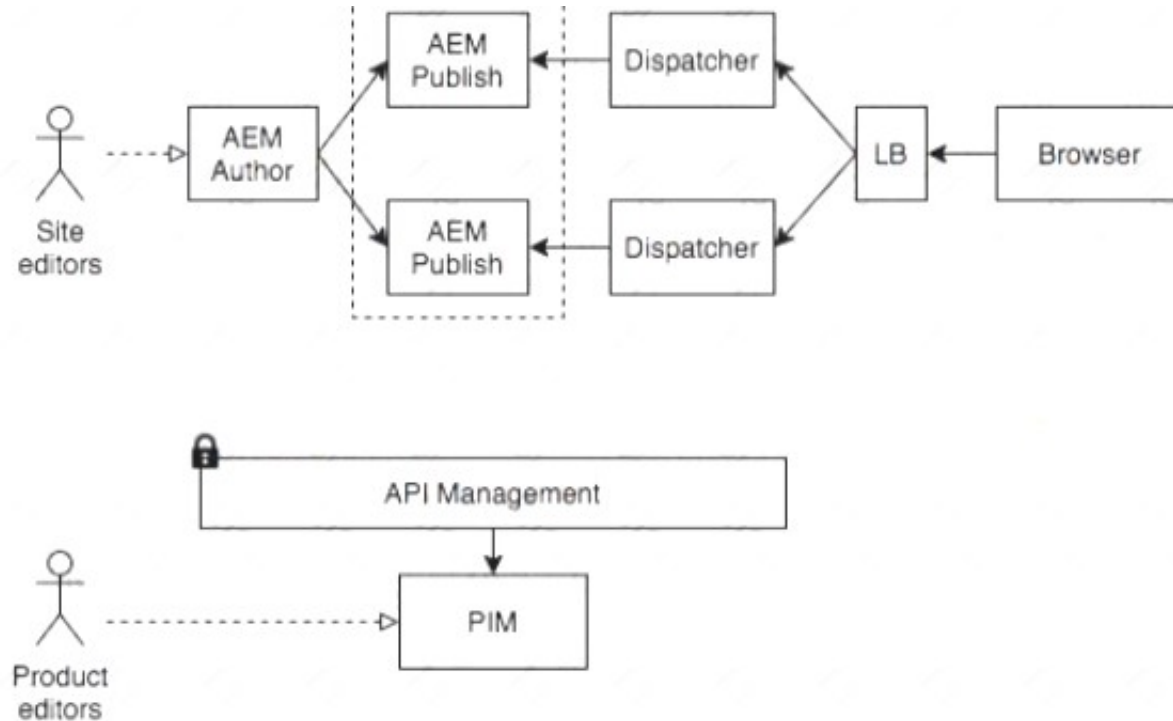
Exam Questions AD0-E117

Adobe Experience Manager Architect Master



NEW QUESTION 1

Refer to the exhibit.



A customer with an existing AEM implementation wants to enrich product pages with technical data coming from their PIM system. The PIM system sits behind an API Management solution that publicly exposes the PIM API's as RESTful web services with basic authentication as the security mechanism. Data consistency with the PIM and secure access to the APIs are key elements of the integration. How should the Architect set up the integration between AEM and the PIM?

- A. Integrate the AEM Publishers directly with the API Management solution
- B. Use a client-side integration with AJAX from the browser to the API Management
- C. Import the technical data into the AEM Author and replicate to Publishers
- D. Convert the technical data to Content Fragments and expose using Content Services

Answer: A

Explanation:

Integrate the AEM Publishers directly with the API Management solution. According to Adobe Experience Manager documentation¹, a direct integration between AEM and PIM can enable marketers and creative professionals to manage eCommerce-related product data and photography within AEM. A direct integration can also ensure data consistency with the PIM and secure access to the APIs using basic authentication²³. Option A is the only diagram that shows how AEM Publishers can directly communicate with the API Management solution.

NEW QUESTION 2

An AEM Sites implementation is migrating from on-premise to AEM as a Cloud Service. Previously, the application was deployed in a single package for both code and access policy nodes. After initial deployment and testing in the new infrastructure, it is reported that user permissions are not working as expected. What change should the Architect make to address this issue?

- A. Update package metadata to use MergePreserve for handling access policy nodes
- B. Move access policy nodes to a dedicated package and install manually
- C. Refactor access policy nodes to Apache Sling JCR Repoint scripts in the same package
- D. Document permissions and request the Customer Success Engineer to configure

Answer: C

Explanation:

Refactor access policy nodes to Apache Sling JCR Repoint scripts in the same package¹. According to Adobe Experience Manager documentation²³, access policy nodes are used to control who can access a policy-protected document. However, they are not supported by AEM as a Cloud Service and need to be refactored using Apache Sling JCR Repoint scripts.

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 AEM customer is designing a new website. The design shows that images are very prominent on the website but there is a concern about the big variety of aspect ratios used. Images can potentially be used on different places and components on the website. The customer is looking for a maintainable solution to limit

the amount of content editing work when adding the assets to the pages.
Which solution should an Architect recommend?

- A. Integrate with Dynamic Media (Scene 7) and enable smart cropping
- B. Use inline cropping feature of the image component on the pages
- C. Use the cropping feature on the asset in the AEM DAM
- D. Integrate with Dynamic Media (Scene 7) and enable smart imaging

Answer: D

Explanation:

“integrating with Dynamic Media (Scene 7) and enabling smart imaging can optimize the image delivery for different devices and screen sizes without requiring manual cropping”.

NEW QUESTION 5

A retail customer with an international presence and both in-store and online sales needs a new assets platform. The customer decides to use AEM assets. The customer's sites will continue to run on their proprietary CMS for websites.

The customer wants to be able to scale the platform for spikes in user traffic such as on local sales or online marketing campaigns. Under some circumstances, the customer also has a higher load of editors for a certain period of time.

Which architecture should an Architect use for this business case?

- A. An AEM Publish instance on Adobe Managed Services with auto scaling
- B. An AEM as a Cloud Service Sites with Dynamic Media
- C. An AEM Assets setup on Adobe Managed Services with Cloud Manager
- D. An AEM as a Cloud Service Assets setup using the combined CDN for delivery

Answer: D

Explanation:

“using AEM as a Cloud Service Assets setup using the combined CDN for delivery can provide scalability, performance, and security for asset delivery”.

NEW QUESTION 6

Users report cases where data inaccuracies are present in an AEM component that relies on AEM Search functionality. The AEM platform utilizes Lucene as its main search engine.

How should an Architect resolve this issue?

- A. Add search indexes to Lucene search engine
- B. Change the search engine to Property Search
- C. Scale up server resources to meet demands
- D. Migrate search engine to an external Solr instance

Answer: A

Explanation:

“adding search indexes to Lucene search engine can improve the performance and accuracy of AEM Search functionality”.

NEW QUESTION 7

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 8

A customer has an international presence and a strong brand image. The customer considers the exceptional quality images used for both print and on the website to be essential for its business. The customer uses AEM 6.5 managed services with a configuration of 2 dispatchers, 2 publishers, and 1 author.

The original images can weigh up to 500Mb with videos weighing even more. Renditions are generated after files are uploaded to AEM DAM by the Design team so the Authoring team can use them on the website.

The teams report issues with platform stability and slowness. Visitors report that images look pixelated on some screens and pages are very slow to load.

Which two actions should the Architect take to resolve these issues? (Choose two.)

- A. Train the design team to upload smaller assets and save the originals elsewhere
- B. Allocate more memory to ImageMagick and FFmpeg
- C. Optimize renditions for the different viewports used by the visitors
- D. Split AEM Assets and Sites in two different stacks and use Connected Assets

E. Add more dispatchers and publishers to the AEM configuration

Answer: CD

Explanation:

“optimizing renditions for different viewports can improve the image quality and page load speed for visitors. Splitting AEM Assets and Sites in two different stacks and using Connected Assets can reduce the load on the author server and improve platform stability”.

NEW QUESTION 9

An AEM Architect is moving existing content from an on-premise AEM to an AEM Cloud Service instance using the Content Transfer Tool. As part of the initial source preparation, the Architect is going to run the offline compaction on the on-premise AEM.

What other two actions should the Architect do to the on-premise AEM before proceeding with the extraction phase? (Choose two.)

- A. Validate that all replication agents are disabled
- B. Verify that wipe mode is enabled
- C. Stop all bundles using the AEM Web Console
- D. Verify that free disk space is at least 1.5x the JCR size
- E. Run datastore consistency check via oak-run

Answer: AE

Explanation:

According to Adobe Experience Manager documentation¹, before using the Content Transfer Tool, it is recommended to disable all replication agents on the source AEM instance to prevent any content changes during the migration process. It is also recommended to run a datastore consistency check via oak-run too² to ensure that there are no missing or corrupted binaries in the source AEM instance.

NEW QUESTION 10

An AEM client requests that an Architect to establish non-functional KPIs. The Architect needs to avoid impacting user experience, asset processing, and download speed while doing this.

How should the Architect measure the performance properly to establish target metrics?

- A. Tail the Access Log and look for long-running queries
- B. Use the Free Request Log Analyzer Command Line Tool
- C. Use JMeter for end-to-end tests
- D. Use the OOTB Explain Query Tool

Answer: C

Explanation:

“using JMeter for end-to-end tests can measure the performance of AEM pages and components under different load scenarios”.

NEW QUESTION 10

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