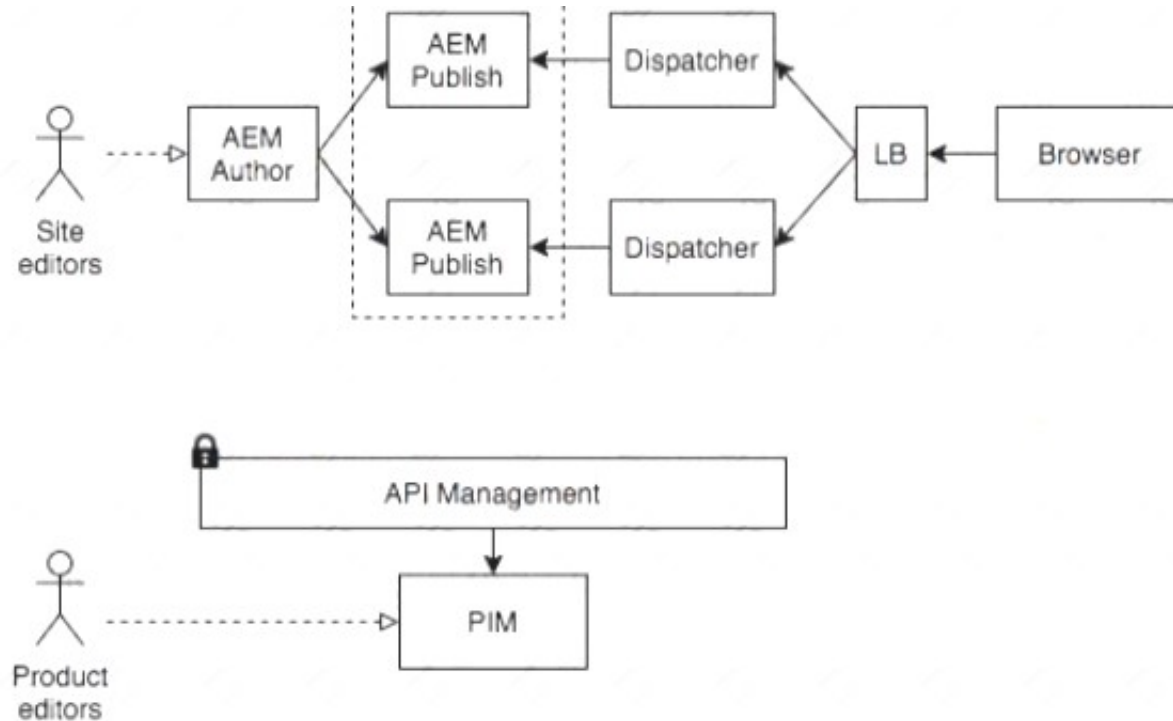# Adobe

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
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 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 large retail customer is building their ecommerce platform on AEM. Several third-party vendors sell products through their site. Those vendors need to review and verify the content close to production before the content goes live and the customer wants to provide them a restricted environment.
Which approach should the Architect recommend?

A. Give third-party vendors access to the Author Server
B. Use the Preview Capabilities of AEM Author Server
C. Export content as PDF and share with the vendors
D. Add a Publish (preview) Server and provide access

Answer: D

Explanation:
According to Adobe Experience Manager documentation1, a publish (preview) server is a publish instance that is used for previewing content before it goes live on the production server. This can be useful for verifying content with third-party vendors or other stakeholders who need restricted access.

NEW QUESTION 6
A client recently purchased the Smart Content Service and is considering using the Enhanced Smart Tagging feature. As part of the process, the client recently created a new tagging taxonomy that has not been applied to any assets yet. An Architect needs to demonstrate the feature on a subset of the client's assets before using on all assets.
How should the Architect proceed?

A. Add sample assets to a new folder, tag assets in folder, then enable Smart Tagging via the folder properties
B. Add sample assets to a new folder, tag assets in folder, then run the Smart Tags Training workflow
C. Enable Smart Tagging via the folder properties for a single folder of assets, then run the Smart Tags Training workflow
D. Enable Smart Tagging via the folder properties for a single folder of assets

Answer: C

Explanation:
"to use Enhanced Smart Tagging, the Architect needs to enable Smart Tagging via the folder properties for a single folder of assets, then run the Smart Tags Training workflow to train the model with the new tagging taxonomy".

NEW QUESTION 7
A large AEM enterprise site is implementing authentication and requires a true optimal load balancing across the site's multi AEM publish instances. Which approach should an Architect take to meet this requirement?

A. Configure Sticky Connections
B. Configure the Dispatcher to run with a Dedicated System Usei
C. Enable Encapsulated Token Option
D. Enable Round Robin processing in Dispatcher configuration

Answer: C

Explanation:
"enabling Encapsulated Token Option can provide optimal load balancing across multiple AEM publish instances by using a token-based authentication mechanism".

NEW QUESTION 8
A customer's photo gallery site uses query parameters to filter photo search results. The site experiences high AEM Publish server load when users filter photos on the site. The customer would like to identify the cause of this issue.
What should the Architect investigate first?

A. ignoreUrlParams configuration in dispatcher.any
B. Dispatcher load balancing configuration
C. Cache-Control Headers in dispatcher.any
D. Volume of assets being loaded at a time

Answer: C

Explanation:

"Cache-Control Headers in dispatcher.any control how long the dispatcher caches responses from the publish server. If these headers are not configured properly, the dispatcher may cache stale or dynamic content, resulting in high server load and poor performance".

NEW QUESTION 9
A large digital agency has 10 TB of assets in their DAM where renditions for each Asset must be created without affecting performance for the authors. Which capability should the Architect recommend to meet the requirements?

A. Reduce the number of AEM Asset versions
B. Create AEM multi-threaded workflow
C. Use AEM Asset Offloading
D. Update dispatcher configuration to cache Assetsa

Answer: C

Explanation:
"AEM Asset Offloading allows for delegating asset processing tasks such as rendition generation to a separate AEM instance or service. This reduces the load on the author servers and improves performance for authors".

NEW QUESTION 10
During development the AEM Publisher server keeps crashing randomly. The deployment included a new static FAQ component that was used in the websites Contact Us page. An Architect investigates to find the root cause for the random failures, and notices the following parameters:
• The server slows down when requests are sent to the Contact us page
• The number of requests to the page were very few
• Heap dump shows a large number of instances of the FAQ component What is likely causing this issue?

A. The page was not cached in the Dispatcher.
B. The component triggers a traversal query.
C. The JVM garbage collection is not running.
D. The component has a cyclic dependency to itself

Answer: D

Explanation:
According to Adobe Experience Manager documentation3, a cyclic dependency occurs when a component includes itself either directly or indirectly through another component. This can cause an infinite loop of rendering and consume excessive memory resources, leading to server crashes. To avoid this issue, components should not include themselves or other components that include them

NEW QUESTION 10
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. Disable caching on all impacted data centers Dispatchers to force the Publish machines to serve the page content
B. Check the Publish instance(s) attached to the Dispatcher associated to the impacted data center
C. Check the SSL certificate on the impacted data center's load balance.
D. Review the log files on the Author instances to determine if there are any template errors

Answer: B

Explanation:
"checking the Publish instance(s) attached to the Dispatcher associated to the impacted data center can help identify if there are any replication or caching issues that prevent the latest page content from being served"

NEW QUESTION 15
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 Multi Site Manager
B. Use il8N API and Multi Site Manager
C. Use translation connector and il8N API
D. Use translation connector and translation workflows

Answer: A

Explanation:
According to Adobe Experience Manager documentation, translation connectors are used to integrate AEM with third-party translation services to orchestrate the translation of AEM content. Multi Site Manager (MSM) is used to create and manage multiple websites that share common content and structure.
https://experienceleague.adobe.com/docs/experience-manager-cloud-service/content/sites/administering/reusing

NEW QUESTION 19
A customer is migrating from their On-Premises AEM 6.4 instances to AEM as a Cloud Service. Next to the required code refactoring, a content migration of approximately 100,000 pages needs to be performed. The customer wants the content freeze period to be limited so that editors can continue to do content actions as long as possible.
Which two recommendations should the Architect make for the migration of the content pages? (Choose two.)

A. Migrate the content using Lazy Content Migration approach
B. Upscale the memory of the On-Premise AEM instance
C. Migrate content deltas using a query-based packaging tool
D. Ensure sufficient storage space on the On-Premise AEM instance

E. Migrate the content using the Content Transfer Tool

Answer: AE

Explanation:
"migrating the content using Lazy Content Migration approach can reduce the content freeze period by only migrating referenced content" and "migrating the content using the Content Transfer Tool can automate and validate the migration process".

NEW QUESTION 22
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 too2l to ensure that there are no missing or corrupted binaries in the source AEM instance.

NEW QUESTION 27
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