

DUMPS ARENA

Adobe Experience Manager Architect Master

Adobe AD0-E117

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QUESTION NO: 1

During an optimization session, a client using AEM 6.5 mentions that they face challenges with their AEM Author setup. The client has significant repository growth and can see an increased amount of TAR files in the segmentstore on disk. When editors are working, they see that workflows take up more time. The purging of workflows works as expected. Which two optimizations should an Architect suggest to take into and further investigate? (Choose two.)

- A. Leverage workflow offloading for all workflows
- B. Configure the Maximum Parallel Jobs
- C. Increase the maxFileSize of the TAR segmentstore
- D. Leverage Transient Workflows where possible
- E. Execute an offline tar compaction twice a day

ANSWER: A D**Explanation:**

[Leverage workflow offloading for all workflows and Leverage Transient Workflows where possible](#)¹²³. According to Adobe Experience Manager documentation², workflow offloading is a technique that distributes processing tasks among AEM instances in a topology. This can improve performance and scalability of AEM author instances by using dedicated instances for executing workflows. [Transient workflows are workflows that do not persist any data or history and are automatically purged after completion](#)³. This can reduce repository growth and improve workflow efficiency.

QUESTION NO: 2

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
- Add more dispatchers and publishers to the AEM configuration

ANSWER: C D**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”.

QUESTION NO: 3

A customer has a website with 10,000 pages and wants to improve performance. Which option should be used?

- A. Specify a wildcard allow rule in the invalidate section
- B. Advise to use URL parameters instead of sling selectors
- C. Decrease .stat file level from the default
- D. Increase .stat file level from the default

ANSWER: D**Explanation:**

“increasing .stat file level from the default can improve performance by reducing the number of requests to AEM publish instances”.

QUESTION NO: 4

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”.

QUESTION NO: 5

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”.

QUESTION NO: 6

A media company surveys the end users of their AEM Sites website. The survey identifies that it is difficult to locate content on the site due to lack of relevancy and slow performance when navigating through the large volume of content.

To address both issues, the business team suggests integrating an innovative taxonomy product to the company s AEM implementation. The product is new on

the market and the development team has no experience with the technology.

Which two steps should an Architect recommend to evaluate this new feature? (Choose two.)

- A. Develop the integration as proof of concept with sample content
- B. Test usability of the feature with selected business users
- C. Develop the integration and deploy it to 50% of the production AEM instances
- D. Develop the integration as proof of concept with full production content
- E. Test usability of the feature with selected end users

ANSWER: A E**Explanation:**

“developing a proof of concept with sample content allows for testing the feasibility and performance of the integration without affecting production data. Testing usability with selected end users allows for validating the relevancy and user satisfaction of the feature”.

QUESTION NO: 7

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: B C

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”.

QUESTION NO: 8

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: A E

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 tool2](#) to ensure that there are no missing or corrupted binaries in the source AEM instance.

QUESTION NO: 9

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 brand. 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”.

QUESTION NO: 10

During the implementation of a public-facing website based on AEM as a Cloud Service, the customer raises an additional requirement to have a commenting functionality for end users implemented on the pages.

What should the Architect do to make the design a future proof solution?

- A.** Save comments in JCR and leverage Sling Distribution to synchronize comments between publishers
- B.** Integrate a third-party solution to store comments externally
- C.** Use MongoDB as provided with AEM as a Cloud Service to store the comments
- D.** Save comments in JCR and leverage reverse replication to synchronize comments via author

ANSWER: B

Explanation:

“integrating a third-party solution to store comments externally can provide a future proof solution that does not depend on AEM as a Cloud Service limitations or changes”.