

AD0-E117 Dumps

Adobe Experience Manager Architect Master

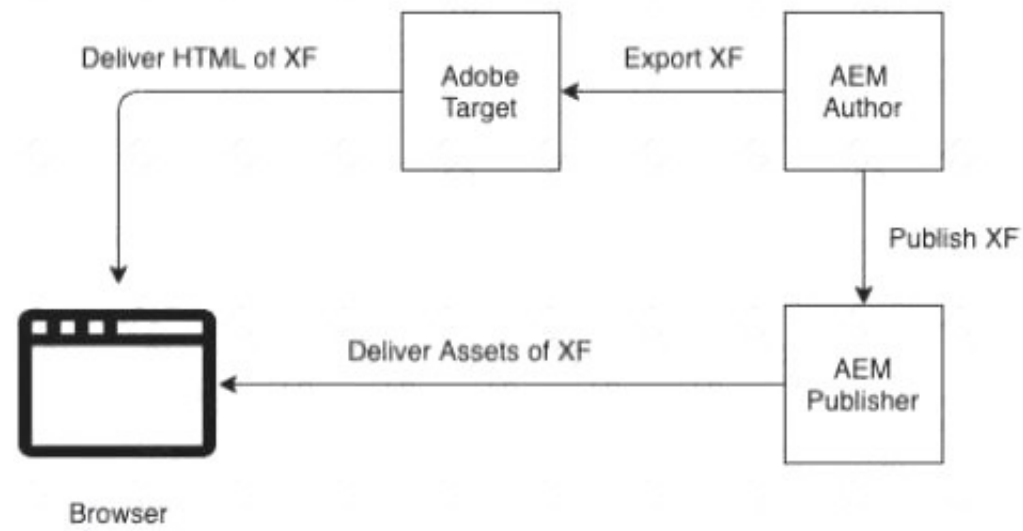
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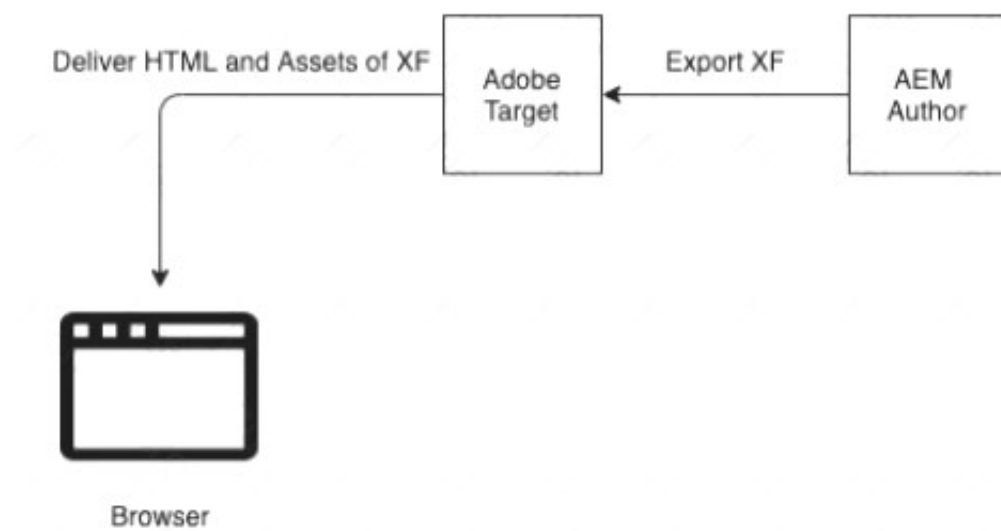
NEW QUESTION 1

A financial sector client is using AEM 6.5 on premise. The creative team needs to create the content for the various marketing campaigns that are scheduled. The client wants to use Experience Fragments (XF) to accelerate content creation for marketing purposes.

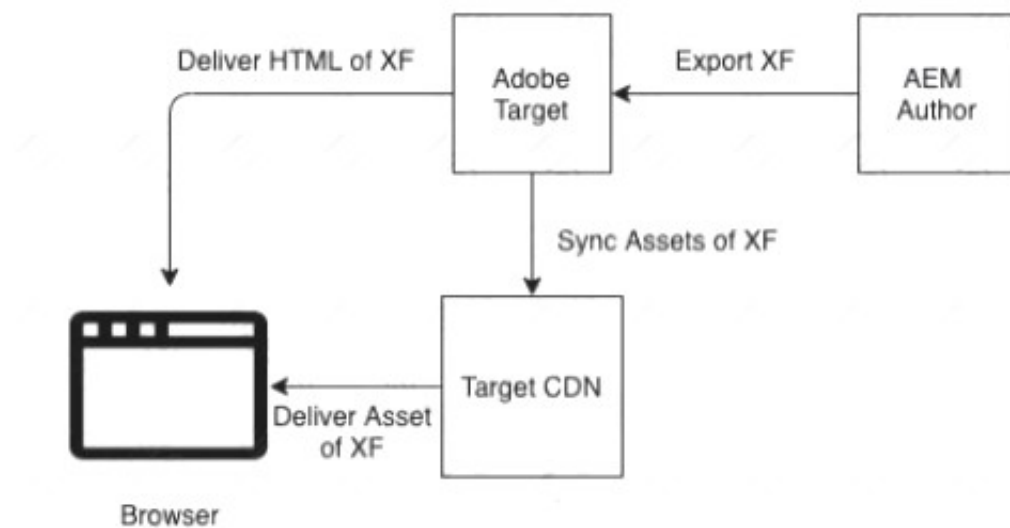
Which Data flow diagram should an Architect use to communicate requirements to the client network team? A)



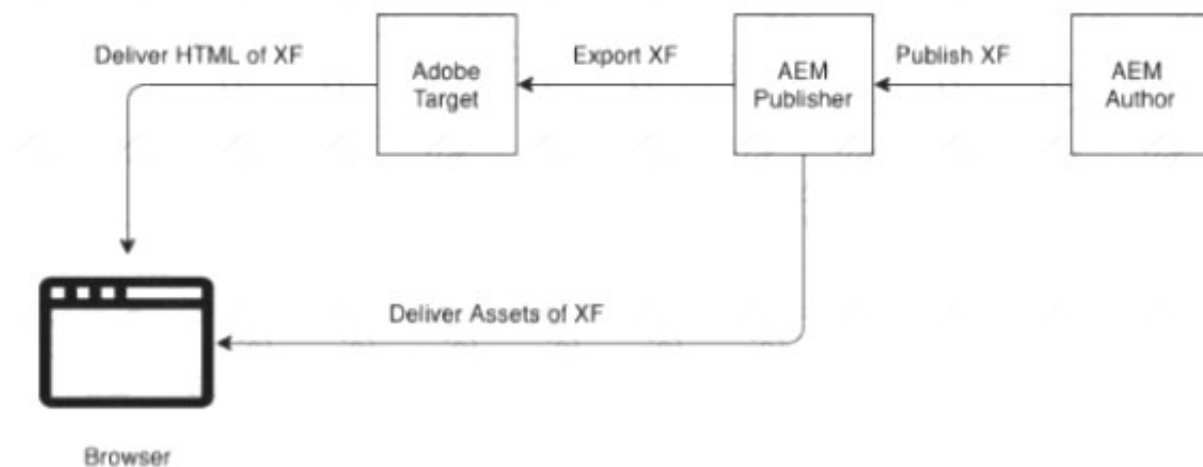
B)



C)



D)



- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: B

Explanation:

A data flow diagram (DFD) is a graphical representation of the flow of data through a system. It shows how data is input, processed, stored, and output in a

system. A DFD can be used to communicate requirements to the client network team by showing them how data flows between different components and entities in the system.

NEW QUESTION 2

An Architect needs to design a deployment process without downtime for end users. The system architecture contains an AEM author, two AEM publishers, two publish Dispatchers, and a centrally managed load balancer. The publishers serve some content that cannot be cached. Which two actions should the Architect take to meet these requirements? (Choose two.)

- A. Connect each publish Dispatcher to one AEM publish
- B. Use each publish Dispatcher to load-balance to both AEM publishers
- C. Deploy software packages by replicating them from author to publishers
- D. Configure the centrally managed load balancer to connect directly to the AEM publisher that is not being dedKyed to
- E. Deploy software package to AEM Publishers one by one

Answer: BE

Explanation:

“using each publish Dispatcher to load-balance to both AEM publishers can provide high availability and fault tolerance. Deploying software packages to AEM Publishers one by one can avoid downtime for end users”.

NEW QUESTION 3

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 4

A customer wants to migrate their AEM environment from an on-premise infrastructure to a public cloud to improve performance. The customer currently hosts many assets (images, videos, documents) in the DAM. Approximately 10 business users frequently upload new assets and update existing assets. Editors then use these assets on the sites.
What should an Architect do as part of this migration?

- A. Move to a shared datastore and enable binary less replication
- B. Set up Connected Assets to share the DAM assets in the sites
- C. Set up a horizontally scalable AEM environment on MongoDB
- D. Run online revision cleanup before moving to the new storage format

Answer: D

Explanation:

“running online revision cleanup before moving to the new storage format can reduce the size of the repository and improve performance”.

NEW QUESTION 5

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: BC

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”.

NEW QUESTION 6

A customer is about to go live with a new website on AEM on prem. The DNS (www.domam.com) already points to the load balancer of the AEM environment and final sanity checks are being performed. The website was tested in lower environments without SSL On production, the website is served over https. During sanity testing, all requests result in a 404.

While investigating this issue, an Architect determines the following:

- The requests land on port 443 on the load balancer where SSL is terminated and an HTTP header X-Forwarded-Proto is set

- The website Sling Mapping is created beneath /etc/map/http/www.domain.com.80
 - The URLs on the website are externalized with http in the absolute links
- Which two actions should the Architect take to resolve this problem? (Choose two.)

- A. Ensure the Sling Mapping exist at /etc/map/https/www.domain.com.80
- B. Ensure the Sling Mapping exist at /etc/map/httpj)mwp<.domain.com.443Configure the Adobe Granite SSL Connector Factory with the correct SSL port
- C. Configure Apache Felix Http Service SSL Filter to use the correct SSL forward header
- D. Ensure the Sling Mapping exist at /etc/map/https/www.domain.com.443

Answer: BC

Explanation:

“the Sling Mapping should match the protocol and port of the incoming request, which in this case is https and 443. The Apache Felix Http Service SSL Filter should be configured to use the X-Forwarded-Proto header to detect if the request is secure or not”.

NEW QUESTION 7

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 withselected end users

Answer: AE

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”.

NEW QUESTION 8

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 9

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 10

An existing AEM sites platform will receive the latest service pack. The service pack includes functional and non-functional fixes such as security patches. Which action should the Architect take to make sure the update is successful?

- A. Advise the customer to request Adobe to install the fixes directly on production since they are prechecked.
- B. Install the service pack m staging and ensure that all the bundles are up and running, then deploy to production.
- C. Identify the packages affected by the service pack after installing them into production and monitor them.
- D. Do a full staging of the service pack including a regression test, if passed, deploy to production.

Answer: D

Explanation:

According to Adobe Experience Manager documentation³, installing a service pack requires careful planning and testing before applying it to production environments. A full staging of the service pack includes verifying that all customizations and integrations are compatible with the new version, performing a regression test to ensure that all functionalities are working as expected, and validating that there are no performance or security issues.

NEW QUESTION 10

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 14

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 User
- 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 16

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 18

A company is implementing a new e-commerce site that is expected to get seasonal and flash-sale induced traffic peaks from all over the world. It is projected that a minute of downtime could cause excessive lost revenue. The company management wants to keep resource utilization to optimal levels without experiencing degradation to avoid introducing bugs in the system.

The Architect needs to choose between AEM 6.5 and AEM as Cloud Service.

What are the two most critical non-functional requirements the Architect must consider? (Choose two.)

- A. Scalability
- B. Availability
- C. Reliability
- D. Maintainability
- E. Usability

Answer: AB

Explanation:

According to Adobe Experience Manager documentation³, AEM as Cloud Service provides scalable and resilient architecture that can handle traffic peaks and ensure high availability. AEM 6.5 requires manual scaling and backup strategies to achieve the same level of performance and reliability.

NEW QUESTION 20

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”.

NEW QUESTION 25

A new AEM Sites implementation includes a component that lists the 10 most recently published PDF documents in AEM Assets. The component works as expected during development and passes QA testing. The business starts to use it while entering content and uploading assets in preparation for go-live. A few days later, the component's PDF list is empty.

What is the most likely cause of the issue?

- A. A PDF with too large file size has been uploaded.
- B. The component is missing a matching Oak index.
- C. The component is missing the HTL display context to escape the PDF title.
- D. A PDF with incorrect MIME type has been uploaded.

Answer: B

Explanation:

“the component is missing a matching Oak index that can efficiently query the PDF documents by their last modified date”.

NEW QUESTION 28

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 31

In a client's test environment AEM QA Testers from multiple groups and regions are testing and making requests to the AEM application. Due to the sheer number of hosts making connections, an Architect needs a quick and easy way to allow any hosts to make requests to the AEM application.

Which approach should the Architect take to meet this requirement for this non-production environment?

- A. Add GET as a Filter Method in the Apache Sling Referrer OSGi Configuration
- B. Use Allowlists instead of Blocklists in the Dispatcher Configuration
- C. Restrict Clients that can flush the cache in the Dispatcher Configuration
- D. Enable Allow Empty in the Apache Sling Referrer OSGi Configuration

Answer: D

Explanation:

“enabling Allow Empty in the Apache Sling Referrer OSGi Configuration can allow any hosts to make requests to the AEM application without checking the referrer header”.

NEW QUESTION 34

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 36

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 37

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 38

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