



**Exam Code:** AD0-E117

**Exam Name:** Adobe Experience Manager Architect Master

**Website:** [www.VCEplus.io](http://www.VCEplus.io) - [www.VCEup.com](http://www.VCEup.com)

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Question No: 1

A news agency editor wants to publish news articles to an intermediate Publish (preview) instance for internal review before publishing the article to production Publish instance.

Which two steps should the Architect recommend? (Choose two.)

- A. Create a closed user group (CUG) for editors
- B. Create a reverse replication agent on preview server
- C. Create a separate live copy to preview content
- D. Set up a new replication agent for preview server
- E. Create a custom publish workflow

Answer: B, C

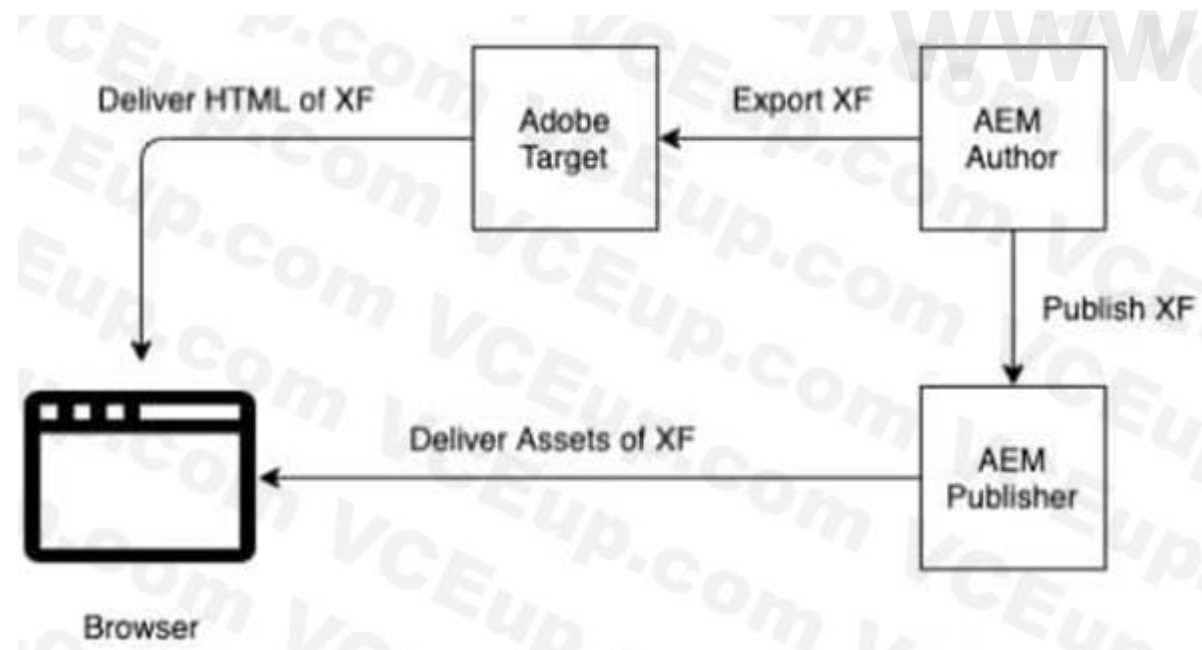
Explanation:

Question No: 2

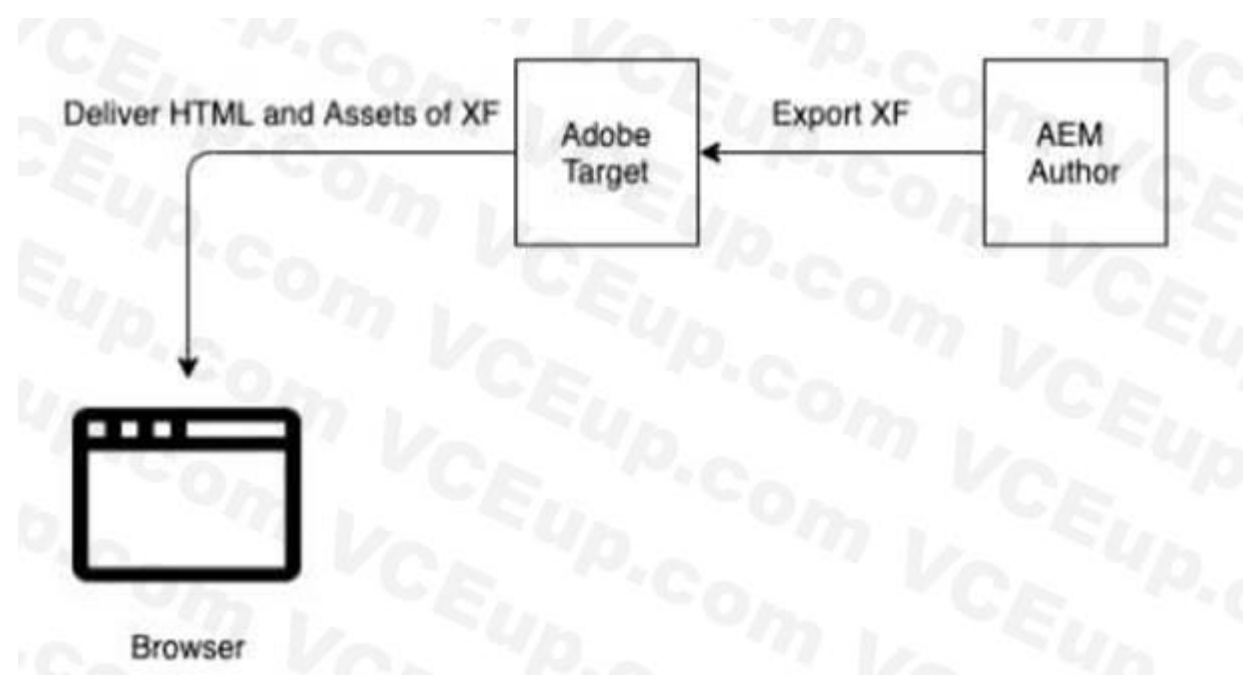
A financial sector client is using AEM 6.5 on premise. The creative team needs to create the content for the various marketing campaigns that are scheduled. The client wants to use Experience Fragments (XF) to accelerate content creation for marketing purposes.

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

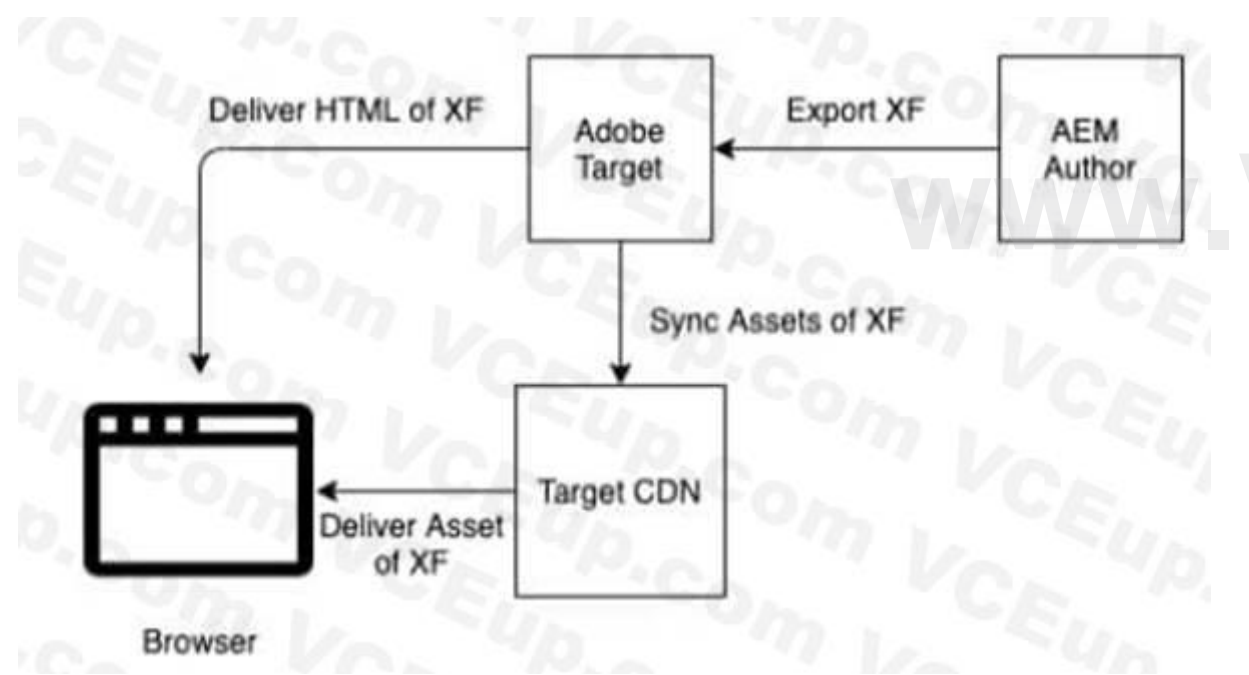
A)



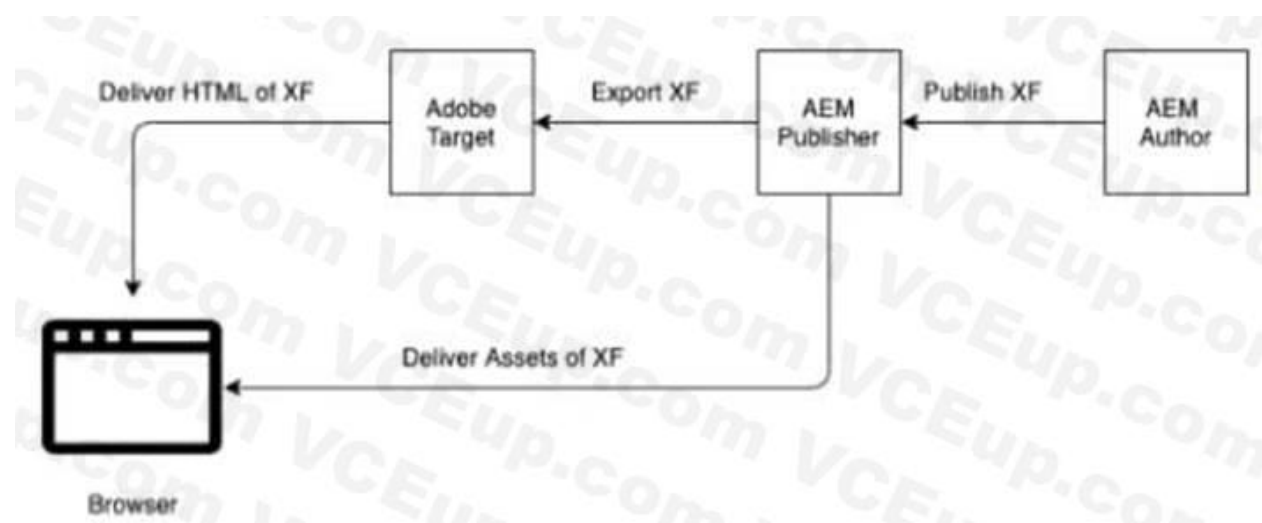
B)



C)



D)



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

Answer: C

Explanation:

Question No: 3

A user is part of the Employees LDAP group synchronized with AEM. The same user is added to the authors group in AEM. The user is then removed from the Employees group on the LDAP server.

What is the result during the next synchronization with AEM?

- A. The user is removed from both the Employees and the AEM authors groups
- B. The user is removed from the authors group but not the Employees group in AEM
- C. The user is removed from the Employees group but not the authors group in AEM
- D. The user is not removed from either the Employees and the AEM authors groups

Answer: A

Explanation:

Question No: 4

A client designs a new experience for one of their brand sites with the following parameters:

- The new experience should behave like a desktop application
- There is a lot of dynamic content in the app
- SEO and initial page load are a top concern for the client
- The client's marketing team needs to be able to author the content with a WYSIWYG editor Which approach should the Architect use to meet these requirements?

- A. Use AEM as a headless CMS
- B. Use the traditional server side components on the website
- C. Use the SPA Editor SDK with Server Side Rendering
- D. Create a set of API-driven components

Answer: D

Explanation:

Question No: 5

A client is in the discovery process for building a React native app, which is a single codebase that runs natively on iOS and Android. The goal is to reduce development costs. The client wants to reduce content creation costs in the new react Native app by reusing as much of the marketing content already publish in their AEM instance.

What should the Architect recommend to meet this requirement?

- A. Experience Fragments
- B. OSGi Bundles
- C. Sling Resource Resolution
- D. Content Fragments

Answer: C

Explanation:

Question No: 6

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:

Question No: 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 with selected end users

Answer: B, D

Explanation:

Question No: 8

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, D

Explanation:

Question No: 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 Assets

Answer: B

Explanation:

Question No: 10

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

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• 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.443 Configure 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: A, C

Explanation:

Question No: 11

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
- D. Add more dispatchers and publishers to the AEM configuration

Answer: A, D

Explanation:

Question No: 12

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:

Question No: 13

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: C, D

Explanation:

Question No: 14

An enterprise client is on-boarding an AEM Desktop application to provide authors with the ability to load the AEM repository virtually on the file system. The desktop application is unable to connect to the AEM Author, which has SSL enabled. The intermediate certificate is installed on Apache.

How should an Architect resolve this issue?

- A. Install the certificate chain to the keystore of the AEM authentication service user
- B. Install the Root certificate to the AEM truststore
- C. Install the certificate chain to the keystore of the AEM ssl-service user
- D. Install the certificate chain to the AEM truststore

Answer: B

Explanation:

Question No: 15

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: D

Explanation:

Question No: 16

A customer has a requirement to allow authors to access AEM with single sign-on. To achieve this an Architect needs to integrate AEM with the customer's identity management system.

Which two actions could an Architect take to meet this requirement? (Choose two.)



- A. Implement the generic SSO Authentication Handler interface
- B. Configure the Sling Authentication Requirements for the OSGi HTTP Service
- C. Configure the SAML Authentication Handler
- D. Configure the generic SSO Authentication Handler
- E. Implement a custom JAAS Login Module

Answer: A, D

Explanation:

Question No: 17

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: B

Explanation:

Question No: 18

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: B

Explanation:

Question No: 19

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: C

Explanation:

Question No: 20

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:

Question No: 21

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: D

Explanation:

Question No: 22

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:

Question No: 23

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:

Question No: 24

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: A

Explanation:

Question No: 25

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:

Question No: 26

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: C

Explanation:

Question No: 27

AEM as a cloud service introduces major changes in the architecture by using containers. Which key architectural change was necessary to allow this to occur?

A. Using Adobe 10 for asset ingestion and processing, storing it on a separate blob and providing AEM with metadata

B. Using sling content distribution as the replication mechanism

C. Using MongoDB for Author environment

D. Isolating /app and /libs from the content, configurations and state mgmt.

Answer: D

Explanation:

Question No: 28

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: A

Explanation:

Question No: 29

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: B, D

Explanation:

Question No: 30

A website built on AEM Sites displays the company's stock price in the footer of all pages. The stock data is retrieved from a third party REST service using two-way SSL and rendered in an AEM component using HTL. During performance testing in the last development sprint it becomes apparent that the third party service sometimes takes up to 30 seconds to respond, which degrades the overall site performance.

How should an Architect address this issue?

- A. Call the REST service directly from the browser
- B. Temporarily remove the component from all content
- C. Load the stock data component asynchronously
- D. Add a 5 second timeout to the REST call

Answer: C

Explanation:

Question No: 31

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: C

Explanation:

Question No: 32

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: C

Explanation:

Question No: 33

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?

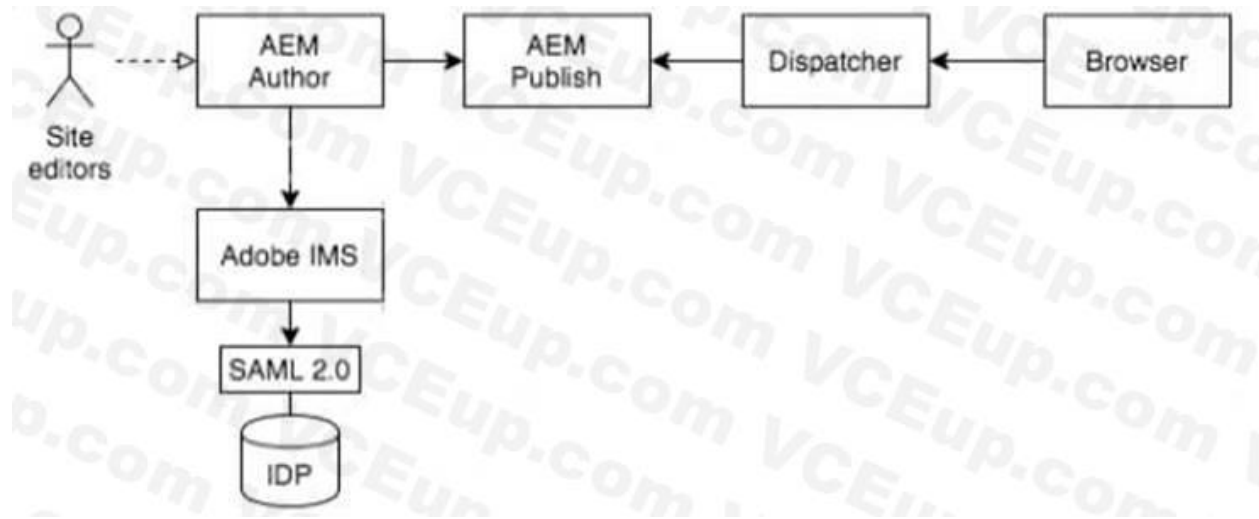
- A. Migrate all common pages using the ETL procedure with multiple rounds
- B. Migrate all common pages using the ETL procedure and use manual authoring for the rest
- C. Use Site importer to import the content into AEM
- D. Recreate the entire content manually with a group of Content Authors

Answer: D

Explanation:

Question No: 34

Refer to the exhibit.



A customer has SSO on its AEM Author environment using Adobe IMS, which is integrated with the customer's IDP using SAML. The customer plans to roll out a new secured website on AEM where SSO authentication is required for end users. The end user accounts are also managed in the customer's existing IDP.

How should the Architect set up the authentication for the website?

- A. Integrate AEM Publisher using SAML with Adobe IMS
- B. Set up CUG and use User Synchronisation from Author to Publisher
- C. Integrate AEM Publisher using SAML directly with the IDP
- D. Integrate AEM Publisher using OAuth with Adobe IMS

Answer: A

Explanation:

Question No: 35

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: A

Explanation:

Question No: 36

A client is modernizing some of their AEM sites to go from static to editable templates so they can use the latest features around has the following parameters:

- The client currently has a dozen static templates that they want to move to editable templates.

- The existing pages use the parsys paragraph system for storing components.
- Each page based on one of the static templates has its own custom properties tab that is unique for that template type.
- The client wants template authors to be able to create the editable templates.

Which approach should an Architect use to meet these requirements?

A.

1. Use a new page component for editable templates based on the core components page component
2. Migrate page properties to respective components dialogues

B.

1. Use a new page component for editable templates based on the core components page component
2. Convert page properties to policies

C.

1. Use the same page components for editable templates
2. Use a new template type for each static template

D.

1. Use the same page components for editable templates
2. Create a new editable template based on each of the existing page components

Answer: D

Explanation:

Question No: 37

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 and 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. Modify the dispatcher.any file's section to ignore campaign-based URL parameters
- B. Set AEM to use GZIP compression instead of the web server's compression
- C. Add a new dispatcher farm to assist with the client's marketing pages
- D. Convert the marketing pages to a responsive design instead of an adaptive design

Answer: D

Explanation:

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Question No: 38

AEM Site users report that the web content pages render very slowly. An Architect notices that the CPU usages of the AEM Publish instances are spiking and reviews the following entry in the log:

[Fri Nov 27 23:11:00 2019] [I] [pid 16004 (tid 140134145820416)] Current cache hit ratio: 47.94 % What should the Architect do to increase the dispatcher cache ratio and prevent the AEM Publish CPU usage spikes?

- A. Review and optimize the Dispatcher cache configuration
- B. Add additional AEM instances to the Publish Farm
- C. Create a cron job that will delete the dispatcher cache on a regular basis
- D. Add additional dispatcher servers

Answer: C

Explanation:

Question No: 39

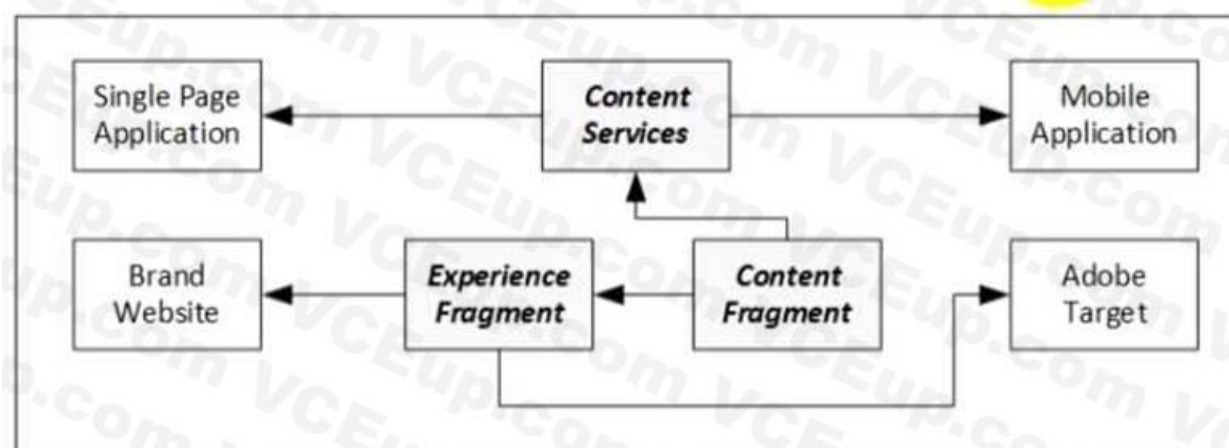
A media company wants to use AEM as content hub for multiple customer touch points:

- Brand-specific marketing websites hosted on AEM Sites
- Single Page Applications using headless content
- Native mobile applications
- Content offers in Adobe Target

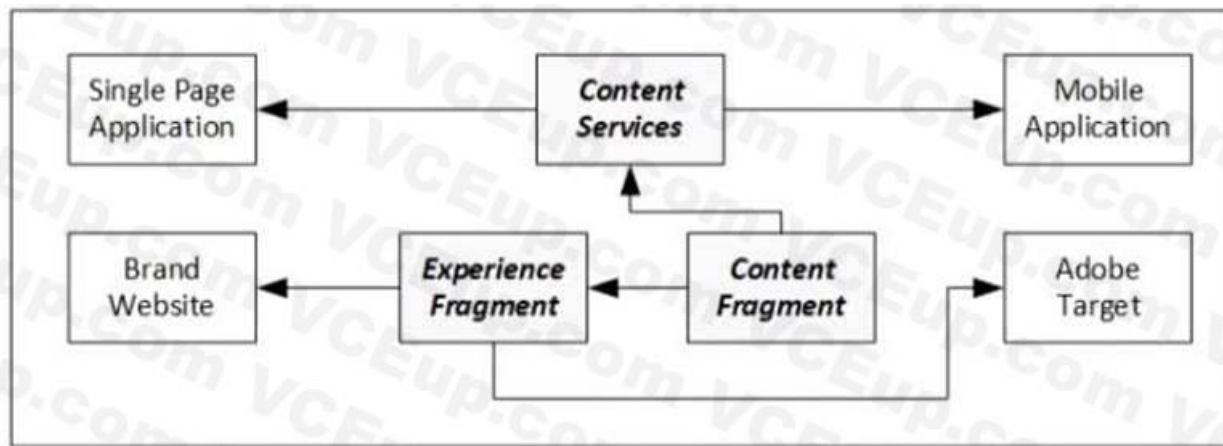
The company wants to manage its content efficiently with its small editor staff. Text should be entered and reviewed only once, then reused for all touch points.

How should an Architect incorporate these requirements into a solution that leverages AEM Sites features?

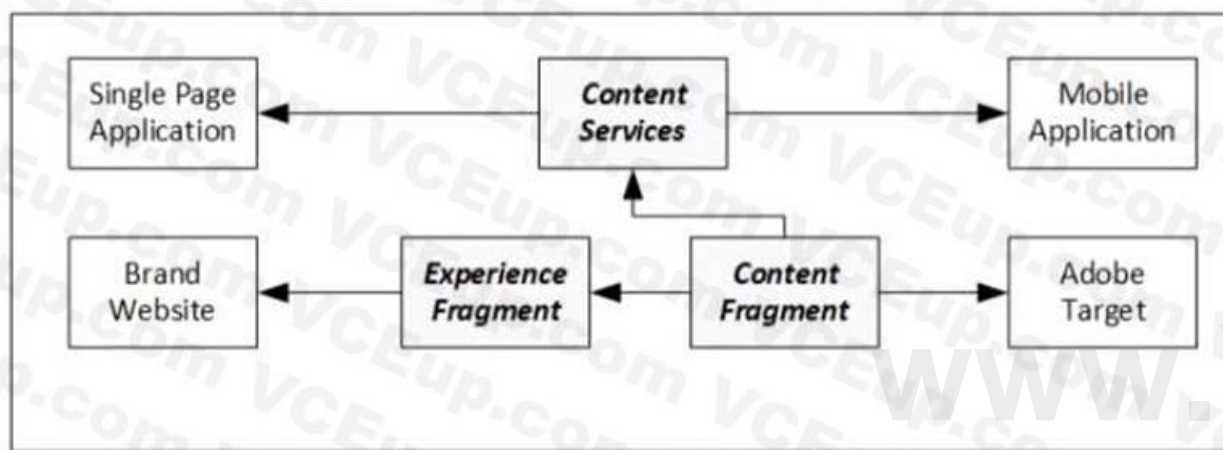
A)



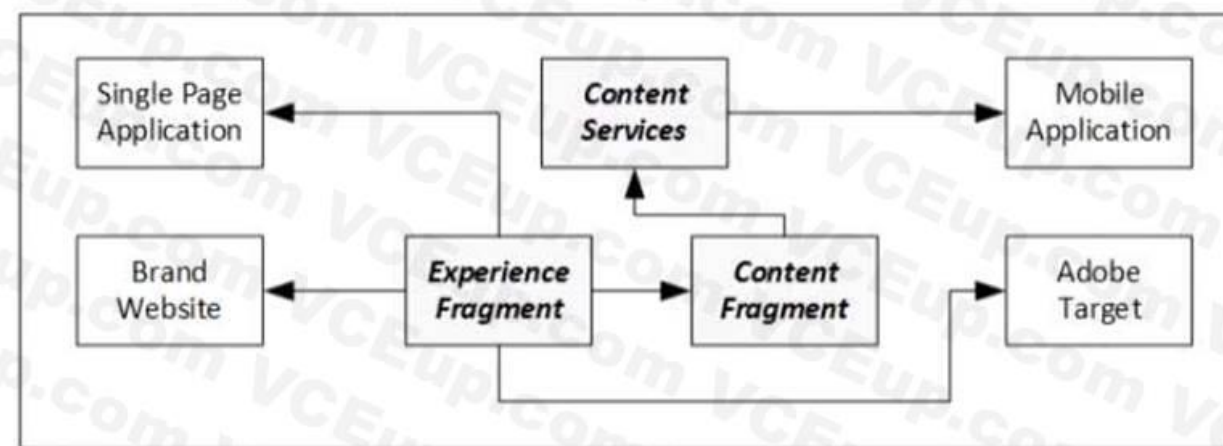
B)



C)



D)



A. Option A

B. Option B

C. Option C

D. Option D

Answer: D

Explanation:

Question No: 40

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:

Question No: 41

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: A, E

Explanation:

Question No: 42

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 i18N API and Multi Site Manager
- C. Use translation connector and i18N API
- D. Use translation connector and translation workflows

Answer: C

Explanation:

Question No: 43

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: B, D

Explanation:

Question No: 44

A client has an existing AEM site using components that proxy AEM WCM Core Components. The site uses simple page authoring without referenced content. The client wants to create a new experience on another marketing channel. The plan is to use as much of the existing page content as possible to avoid refactoring the current content and to maintain consistency across channels.

Which AEM capability should an Architect use to meet these requirements?

- A. Experience Fragments
- B. Content Fragments
- C. Assets API
- D. Sling Model Exporter

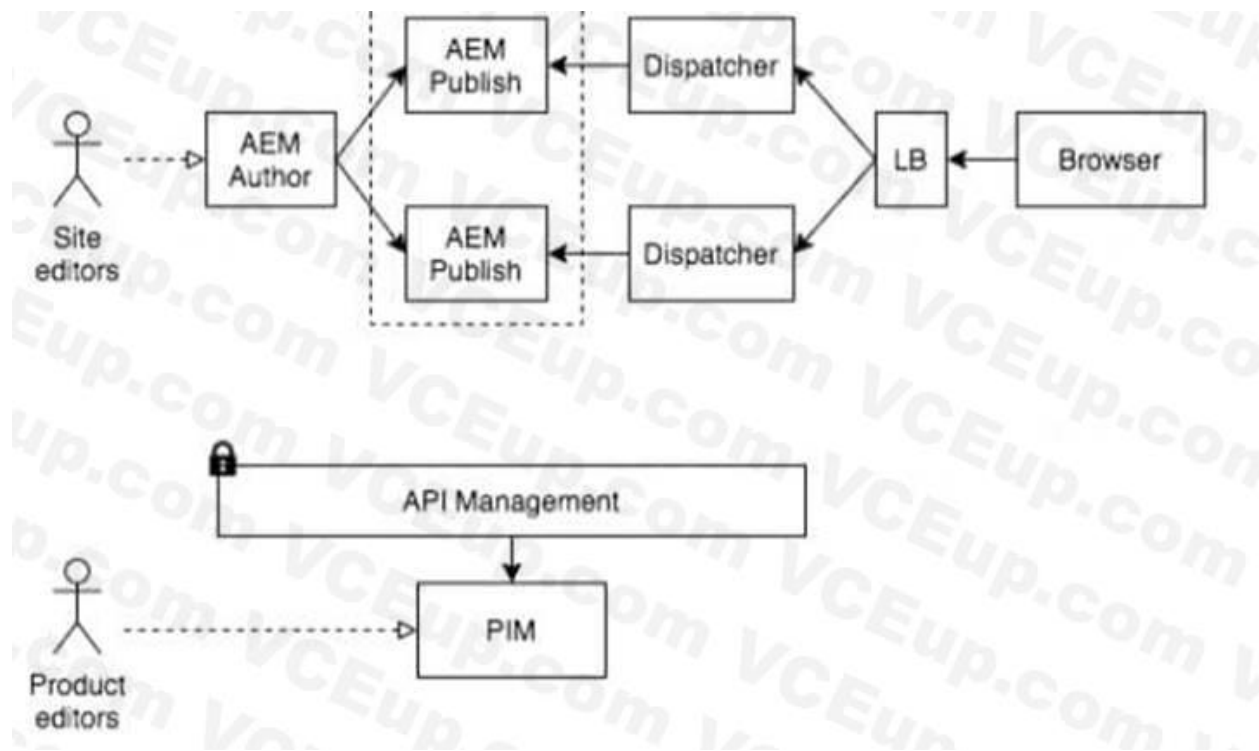
Answer: B

Explanation:

Question No: 45

Refer to the exhibit.

[www.VCEplus.io](http://www.VCEplus.io)



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:

Question No: 46

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: B, D

Explanation:

Question No: 47

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:

Question No: 48

A client using AEM 6.5 on-premise is experiencing an unsustainable repository growth of 100Gb a day. After investigation, an Architect finds out that the DAM is causing this issue. Each image uploaded to the DAM triggers the creation of approximately 100 renditions, necessary by business to consume in different channels and systems. The client also complains about stale content reported by site visitors happening randomly in pages where article-related components are present.

How should the Architect address these issues?

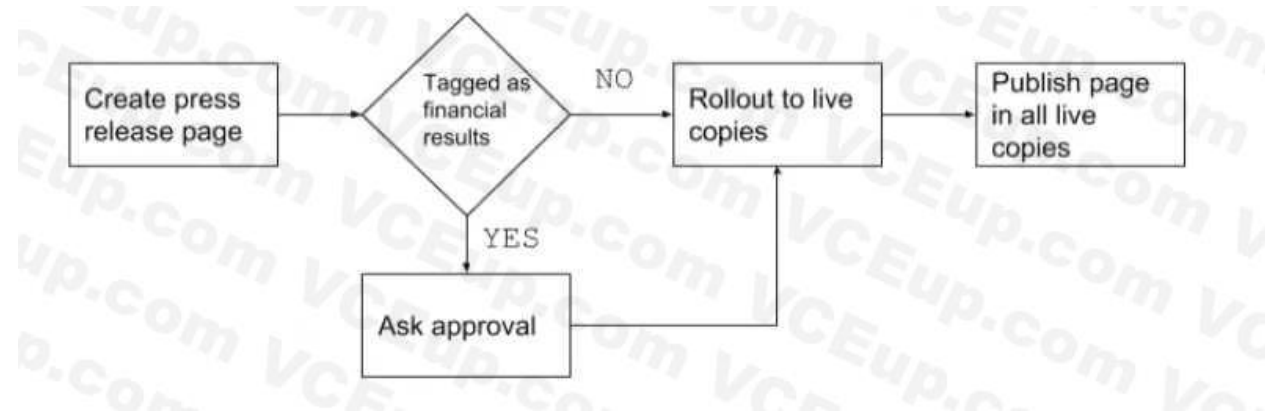
- A. Leverage AEM Adaptive Image Servlet, cache image variations in Dispatcher, and reimplement article-related components to use AJAX to load the content
- B. Split WCM and DAM in separate instances, set up Connected Assets, and re-implement articlerelated components to use AJAX to load the content
- C. Leverage AEM Adaptive Image Servlet cache image variations in Dispatcher, and implement a cache TTL in Dispatcher
- D. Split WCM and DAM in separate instances, set up Connected Assets, and implement a workflow to purge all pages affected by an article change in Dispatcher

Answer: B

Explanation:

Question No: 49

A customer wants to simplify and automate publishing press pages and defines the following flows:



What should the Architect recommend?

- A. Create a custom workflow
- B. Advise the customer to use Launches
- C. Implement a Sling event listener that triggers on page creation
- D. Configure MSM with the "Activate on Blueprint activation" option

Answer: B

Explanation:

Question No: 50

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 in 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: C

Explanation: