

EMC

Exam E20-475

Content Management Systems Architecture Exam

Version: 5.0

[Total Questions: 231]

Question No : 1

In which list are the following storage platforms correctly matched with the storage technologies?

Network Attached Storage (NAS) Storage Area Network (SAN) Content Addressable Storage (CAS)

- A. Symmetrix/NAS Celerra/SAN Centera/CAS Clariion/SAN
- B. Symmetrix/SAN Celerra/NAS Centera/CAS Clariion/SAN
- C. Symmetrix/NAS Celerra/CAS Centera/SAN Clariion/SAN
- D. Symmetrix/CAS Celerra/NAS Centera/SAN Clariion/SAN

Answer: B

Question No : 2

After an upgrade from a pre 5.3 version to 5.3 or 6, what can you do to remove the Verity Full-text Index components?

- A. You delete the Verity Full-text Index components via Documentum Administrator after the upgrade.
- B. The Content Server upgrade procedure deletes the Full-text. Just the empty/fulltext/Verity directory needs to be deleted in the DOCUMENTUM directory.
- C. You do not delete the Verity Full-text Index. The new Fast Full-text installation needs the data for migration.
- D. You delete the Documentum type dmi_tdk_index and the Full-text data in DOCUMENTUM/data directory.

Answer: B

Question No : 3

A client is undergoing a server consolidation initiative using Virtualization. Which server can be virtualized with the least effort?

- A. Content Server
- B. Full-text Index Server
- C. Documentum Transformation Services
- D. Application Server

Answer: D

Question No : 4

Your new Documentum Repository is only used between 07:00 and 19:00 and can be offline during the night. The single filestore is expected to grow significantly, and the system will be backed up directly to tape. You decide to use daily Full Cold Backup to optimize the restore process and help reduce the restore time if the system has to be restored from backup. What is a potential problem with this backup strategy?

- A.** The backup window is finite, so the system backup could eventually overrun the window.
- B.** The database and the Content Stores will need to be resynchronized after the system is restored from backup.
- C.** The restore time will not be minimized because you are restoring from a full backup, not an incremental backup.
- D.** Users may make changes to the system before the backup is complete.

Answer: A

Question No : 5

You are using the standard Webtop Client in the production environment for about 2000 users. Eighty percent of them are heavy users. The CPU utilization of your Content Server machine is above 90% during busy hours. You plan to implement additional customizations for image management. How would you test the performance of the new heavily customized Webtop ?

- A.** You should test the new customized Webtop with your superuser account on a separate environment with minimum hardware.
- B.** When the new implementation is finished, roll it out to your production environment and check with the users about how it is performing at busy hours.
- C.** The performance testing should be done on a test environment that closely matches the production environment before rolling it out on the production system.
- D.** If your current production environment with the standard Webtop works well, you do not need to test the performance of the new implementation.

Answer: C

Question No : 6

A batch ingest workload was measured to consume two CPU secs per document on a dual core CPU. What will the approximate average CPU utilization be on a server with two dual core CPUs if 7,000 documents are processed in the hour?

- A. 25%
- B. 50%
- C. 75%
- D. 100%

Answer: D

Question No : 7

You have a Highly Available (HA) environment with two Content Servers and two LDAP servers. How do you provide failover for LDAP functionality?

- A. create two LDAP server configurations with the same name but point them to different LDAP servers
- B. create two LDAP server configurations with different names; set one configuration as failover for the other one
- C. create the primary LDAP config on one server and the secondary LDAP config on the other; set the secondary config to inactive
- D. create an LDAP configuration pointing to one LDAP server; specify the other LDAP server as the failover host for that configuration

Answer: D

Question No : 8

A customer wants to implement a High Availability (HA) Full-text Index Server configuration in a Windows/SQL Server environment. Two Full-text Index Servers will be deployed. A Round-Robin type load balancer will direct query requests to the servers.

Which concern would you raise to the client?

- A. Query performance may vary dramatically depending upon which Full-text Index Server users are connected to.
- B. Users may get inconsistent results for the same query, since the Full-text indices are not guaranteed to be consistent between the two servers.
- C. Failover for queries is seamless due to the presence of the load balancer. However, Index

Agents must be failed over manually to ensure the continued indexing of new content.

D. Failover will not be seamless unless the session persistence feature of the load balancer is enabled.

Answer: B

Question No : 9

Which network issues need to be considered when planning for a global Documentum deployment?

A. latency, reliability, and geographic location

B. latency, bandwidth, and reliability

C. geographic location, distance, and latency

D. reliability, bandwidth, and distance

Answer: B

Question No : 10

Your client has a centralized repository with 100 million objects. Eighty percent of these are emails with an average size of 2k. The other 20% are office documents, with an average size of 100k. All of the content is stored on a NAS. However, for compliance purposes you client wants to transfer all email content to a Center A. They have asked you to design a solution to efficiently perform the migration. Which solution meets the client's requirements?

B. create a new content addressable storage object; using Content Storage Services (CSS), create a migrate content job; identify only the email objects to be migrated in the DQL of the job; specify the NAS as the source store and the Centera as the target store; schedule the job to run in a window each evening until all the content is migrated

C. create a new content addressable storage object; develop a multi-threaded routine that queries the repository for email objects and executes the migrate content method with the CA store as the target; incrementally migrate batches of content by executing this routine during off-peak hours

D. put the repository in read-only mode so users can still access content; compress (zip) all of the content into a single file maintaining the exact file path and FTP it from the NAS device to the Centera; uncompress (unzip) the file on the Centera; create a new content

addressable storage object in the repository that points to the Centera; update a_storage_type attribute of the email objects to point to the new CA store

A. put the repository in read-only mode so users can still access content; copy all of the content via a multi-threaded FTP from the NAS device to the Centera, maintaining the exact file path; create a new content addressable storage object in the repository that points to the Centera; update a_storage_type attribute of the email objects to point to the new CA store

Question No : 11

A customer has given you a requirement to restrict superuser access to a specific cabinet in a repository. What do you use to accomplish this?

- A.** Multidimensional Access Control Lists (MACLs)
- B.** Access Control Lists (ACL) to set superuser with no access
- C.** Documentum Information Rights Manager Services (IRM)
- D.** Documentum Records Manager Services (RM)

Answer: A

Question No : 12

A client is using a three-tiered storage infrastructure (SAN, NAS, and CAS) and wants to implement policies that automatically migrate content after 30 days to the second tier, and then after 90 days to the third tier. What is the minimum additional software needed to accomplish this objective?

- A.** Content Storage Services (CSS)
- B.** Retention Policy Services (RPS)
- C.** RPS and CSS
- D.** Centera SDK and CSS

Answer: A

Question No : 13

You are planning the upgrade of your Content Server software with Branch Office Caching Service (BOCS) on a remote site. The repository has approximately one million objects

with 400 GB of content and 350 GB of full-text indexes. The BOCS cache has 20 GB of content.

What must be backed up before starting with the upgrade?

- A. content, full-text index, and database
- B. content, full-text index, and BOCS cache
- C. full-text index, database, and BOCS cache
- D. content, database, and BOCS cache

Answer: A

Question No : 14

Documents deposited into repository A are replicated to repository B . A replication job is scheduled to run every hour. Documents are not directly deposited to repository B . Which statement is true?

- A. Repository B is a backup copy of repository A with a Recovery Point Objective (RPO) of one hour.
- B. If repository A fails and is restored to the last backup, you must restore repository B to the same point-in-time.
- C. If repository A fails, documents in repository B cannot be viewed.
- D. If repository A fails, a full replication must be run upon its repair to maintain consistency.

Answer: B

Question No : 15

A production center is 1,200 miles away from its Disaster Recovery (DR) site. Both sites are configured independently for High Availability (HA). DVDs are sent overnight to keep the DR site up-to-date. Which statement is true?

- A. The Content Servers at each site must be configured as Active/Passive HA.
- B. The HA Recovery Point Objective (RPO) at either site CANNOT be less than 24 hours.
- C. The HA Recovery Point Objective (RPO) at the DR site CANNOT be less than 24 hours.
- D. The HA Recovery Point Objective (RPO) for each site can be the same and less item than 24 hours.

Answer: D

Question No : 16

Repository A is served by three Content Servers running on three different machines. What is required to provide a High Availability (HA) service?

- A. All three Content Servers must project to two or more Connection Brokers.
- B. The client dfc.properties file must reference two or more Connection Brokers.
- C. All three machines must have a Connection Broker.
- D. The Content Servers must project to Connection Brokers on different machines than they are on.

Answer: B

Question No : 17

What is the preferred governance model for the beginning of a Service Oriented Architecture (SOA) project?

- A. federated
- B. replicated
- C. centralized
- D. mirrored

Answer: C

Question No : 18

You are using hot backup, and your database and filestores are backed up at different times during the night. You have been asked to provide an overview of the process required to ensure a consistent repository following a restore of the Content Server from backup. What is the correct process?

- A. restore the database from the last overnight backup, then run Filescan to resynchronize
- B. restore the database to a point in time just before the backup time of the filestore, then run Filescan to resynchronize
- C. restore the database to a point in time just after the backup time of the filestore, then run the Filescan to resynchronize
- D. restore the dm_sysobject and dmr_content tables in the database from the most recent

backup to resynchronize

Answer: B

Question No : 19

During a team status meeting, you, the architect, mention that you are working on sizing the client's new repository using the Documentum Sizing Tool. Your team's System Administrator says, "That is not necessary. I have asked about the size of the repository during installation and we can take care of that there." How do you respond to your System Administrator?

- A.** The results of the Documentum Sizing Tool will only determine if the repository size during installation will be small, medium, or large.
- B.** The results of the Documentum Sizing Tool will aid in current and future capacity planning.
- C.** The results of the Documentum Sizing Tool will aid in capacity planning, while the repository size during installation will allocate filestore disk space for content.
- D.** The results of the Documentum Sizing Tool are completely independent of the repository size during installation.

Answer: B

Question No : 20

You have a Content Server installed on UNIX and users set up in a Windows NT domain.

How would you set up the authentication so that it requires minimal changes to the existing environment and is cost effective?

- A.** There is no need to change anything. The default authentication would first attempt to authenticate the user on the UNIX operating system and then automatically fallback to the Windows domain.
- B.** You migrate the NT domain users to Active Directory and set up the repository to synchronize users with Active Directory.
- C.** You edit the existing `dm_check_password` and customize it to authenticate the UNIX users on the Windows domain.
- D.** You migrate the NT domain users to an LDAP server and set up the repository to synchronize users with LDAP server.

Answer: C

Question No : 21

A customer wants you to restrict access of a user to specific documents in the repository.

This user belongs to a group that has delete permission on the documents. How do you accomplish this?

- A. use Multidimensional Access Control Lists (MACLs); Trusted Content Service configuration required
- B. use Access Control Lists (ACLs) to set the user with no access
- C. install and configure Documentum Information Rights Manager Services (IRM)
- D. customize Webtop to restrict access to the document

Answer: A

Question No : 22

Upon going live, a system has been overwhelmed by user demand. The memory and processor usage is spiking to such high levels that the system is unusable at times. What configuration technique would be used until the hardware resources can be improved?

- A. upgrade data center cabling to allow full network bandwidth
- B. turn on persistent caching so the client browsers make fewer application requests
- C. decrease the repository session count for the application to prevent too many logins
- D. raise the maximum concurrent sessions allowed in the Content Server to reduce load on the application server

Answer: C

Question No : 23

What is the recommended method for migrating Web Content Management (WCM) Page Builder templates, blueprints, managed links, and associated content from a production environment to a testing environment?

- A. archive and install a DocApp
- B. perform a repository-to-repository copy operation through WebPublisher
- C. execute cabinet dump and load
- D. use a deep export/import through WebPublisher

Answer: A