

100% Money Back **Guarantee**

Vendor: EMC

Exam Code: E20-370

Exam Name: Networked Storage - CAS Implementation

Version: Demo

QUESTION 1

With which traditional solutions is Centera designed to compete?

- A. DAS
- B. NAS
- C. SAN
- D. Tape and Optical Storage

Correct Answer: B

QUESTION 2

What is the minimum number of Gen4LP nodes required to support CPP protection?

- A. 4
- B. 8
- C. 16
- D. 32

Correct Answer: B

QUESTION 3

Which method does CUA use to write files 74 KB in size or less to EMC Centera?

- A. Bundled
- B. CDF, BLOB
- C. Containerized
- D. Embedded BLOBs

Correct Answer: D

QUESTION 4

A customer implemented an EMC Centera and performed acceptance testing by writing 4 TB of data to the EMC Centera. After acceptance testing is complete the customer successfully issued delete calls to all the data. The next day the customer observes that the free space on the EMC Centera has NOT significantly changed after the deletion.

How is this possible?

- A. A purge command must be issued to reclaim the space
- B. Garbage collection has not yet swept the data
- C. Reflections have consumed the space
- D. Retention has been set

Correct Answer: B

QUESTION 5

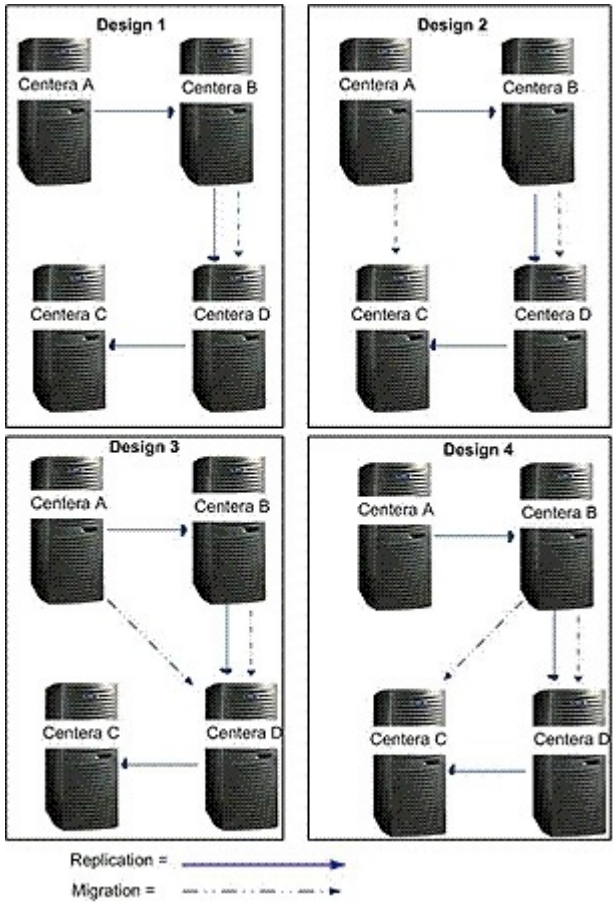
Click the Exhibit button

During the design phase of a C2C migration it is discovered that both the production and DR EMC Centeras have been offline for numerous, long periods of time due to customer power issues.

The production EMC Centera cannot be considered to have a good copy of data. Which design will ensure a good copy of data on the new EMC Centeras given the following conditions?

- EMC Centera A is the old production EMC Centera
- EMC Centera B is the old DR EMC Centera
- EMC Centera C is the new production EMC Centera

EMC Centera D is the new DR EMC Centera



- A. 1
- B. 2
- C. 3
- D. 4

Correct Answer: C

QUESTION 6

You have just completed a C2C install and must run a health report on both EMC Centera clusters. Which commands will you run on each cluster in the C2C utility?

- A. c2c> start healthc2cHealth>run
- B. c2c > diagnose healthc2cHealth>run
- C. c2c> healthc2cHealth>run
- D. c2c> check healthc2cHealth>run

Correct Answer: C

QUESTION 7

A customer received an email from EMC Centera indicating that a disk drive failed in node c001n05. Which process indicates that the data has been properly protected?

- A. Disk regeneration
- B. Disk triage
- C. Node regeneration
- D. Node regeneration timeout settings

Correct Answer: A

QUESTION 8

What type of content is typically stored on Centera?

- A. Dynamic
- B. Fixed
- C. OLTP
- D. Transactional

Correct Answer: D

QUESTION 9

Which type of backups are supported by CBRM?

- A. Incremental, Full, Automatic, Manual
- B. Incremental, Full, Differential, Automatic
- C. Incremental, Full, Differential, Continuous
- D. Incremental, Full, Differential, Date Range

Correct Answer: D

QUESTION 10

A customer has an existing Gen4 cluster and purchased new Gen4LP nodes. Which requirement must be confirmed for the LP nodes to be successfully added?

- A. All nodes in the cluster must have the same drive sizes
- B. CentraStar code must be at 3.1.3 or later
- C. CentraStar code must be patched to sp3
- D. LP nodes must be access nodes in a heterogeneous cluster

Correct Answer: B

QUESTION 11

On which platforms should the CBRM Client be installed to do EMC Centera backup with Symantec NetBackup?

- A. Solaris
- B. Windows
- C. Windows and Aix
- D. Windows and Solaris

Correct Answer: B

QUESTION 12

A customer has a CE+ EMC Centera for archiving all financial information. The financial information is written with a 1-year retention period. The customer is undergoing an audit by regulatory agencies and has been instructed NOT to delete any archived financial information.

Which feature can be used to temporarily override retention settings and deny any application requests to delete an object?

- A. Audited Deletes
- B. Event Based Retention Classes
- C. Litigation Hold
- D. Privileged Deletes

Correct Answer: C

QUESTION 13

Which parameter is mandatory in the RES-File?

- A. Backup Thread_Count
- B. CBRM Server IP
- C. Cluster_ID
- D. EMC Centera IP

Correct Answer: D

QUESTION 14

You have questions regarding file systems and alerts you have received. You want support to dial in to your Dell 2950 CUA directly via a modem. What must you do to allow this?

- A. Log in as gwsetup, go to bash prompt, and issue /usr/sbin/modem enable
- B. Log in as gwsetup, go to bash prompt, and issue sudo /usr/local/storigen/set_serial_mode modem
- C. Log in as gwsetup, go to configuration options, select Toggle modem
- D. Nothing, the modem connection is enabled

Correct Answer: B

QUESTION 15

What is the maximum number of application clients supported by CUA?

- A. 2
- B. 4
- C. 6
- D. unlimited

Correct Answer: D

QUESTION 16

When creating an EMC Centera profile to use for CUA 4.0, which management role must be enabled?

- A. Audit
- B. Compliance
- C. Monitor
- D. Replication

Correct Answer: C

QUESTION 17

When configuring Enhanced Availability mode on two CUAs, what configuration must be done on only the active CUA?

- A. Adding an access profile
- B. Copying the PEA file
- C. Directory structure setup
- D. IP addressing

Correct Answer: C

QUESTION 18

What is the purpose of the Centera SDK?

- A. Allows developers to integrate applications to Centera

- B. Allows EMC service access to internal system resources
- C. Allows users to access data on a Centera using standard mount points or mapped drives
- D. Helps manage and balance distribution of content within Centera

Correct Answer: D

QUESTION 19

When mapping profiles for CUA 4.0 to use, it is recommended to map one cluster profile. For what is this profile used?

- A. Backup
- B. CIFS
- C. Default
- D. Restore

Correct Answer: D

QUESTION 20

What are the minimum effective grants needed to set Litigation Hold on the clips?

- A. -----h-
- B. -----w--
- C. -----wh-
- D. --q---w--

Correct Answer: A

QUESTION 21

Which types of applications are a good fit for CAS?

- A. E-mail archiving
- B. File Sharing
- C. Server Backups
- D. Transactional Databases

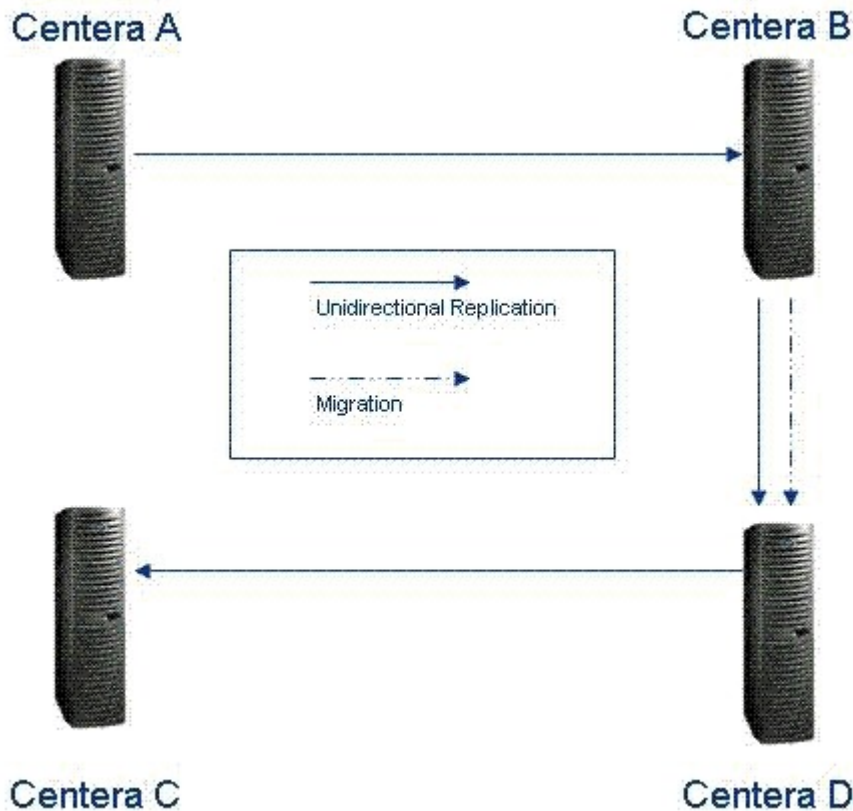
Correct Answer: C

QUESTION 22

Click the Exhibit button

A customer is replacing both existing Gen3 clusters (EMC Centera A and EMC Centera B) with new Gen4 clusters (EMC Centera C and EMC Centera D).

In the exhibit where must chain replication be configured for this migration design?



- A. EMC Centera A, EMC Centera B, EMC Centera C, and EMC Centera D
- B. EMC Centera B
- C. EMC Centera B and EMC Centera D
- D. EMC Centera D

Correct Answer: C

QUESTION 23

What is the purpose of Centera Universal Access (CUA)?

- A. Interfaces non-native applications with Centera
- B. Provides an alternative data replication option for DR
- C. Provides optional encryption / decryption for objects stored on Centera
- D. Provides a centralized server for Centera management tools

Correct Answer: D

QUESTION 24

When planning a migration which tool should be used to calculate the time needed to migrate the customer's data?

- A. C2C Projection Reporter
- B. EMC Centera Viewer Built in Replication Calculator
- C. Integrity Check report
- D. LOE Estimation tool

Correct Answer: D

QUESTION 25

The storage-strategy is set to Performance Partial and CPP. All objects written to the EMC Centera are greater than 10 MB in size. The threshold is at the default setting. You notice that single instancing does

not work for these objects.

What might be the reason?

- A. "M" naming scheme is used by the application
- B. Application uses embedded BLOBs
- C. Collision avoidance flag is set on the application server
- D. Size of the parity slices is smaller than the threshold

Correct Answer: C

QUESTION 26

Shortly after starting replication on a new site, the customer encounters a major network issue and informs you that the network to Site 2 will be down for up to 4 days.

What recommendation would you make to the customer about their replication?

- A. Leave replication paused until the network returns, then do a restore.
- B. Leave replication paused until the network returns, then do a resume.
- C. Stop replication until the network is back in operation, then do a migration.
- D. Stop replication until the network is back in operation, then do a restore.

Correct Answer: B

QUESTION 27

On a Gen4 EMC Centera, how can the nodes be unlocked?

- A. Use the buttons on the LCD front panel display
- B. Use the buttons on the LCD rear panel display
- C. Use the CLI and issue command set security unlock
- D. Use the CLI and issue command unlock nodes

Correct Answer: C

QUESTION 28

What type of profile must be created for a C2C migration?

- A. Access
- B. Anonymous
- C. Cluster
- D. Replication

Correct Answer: C

QUESTION 29

A customer has a large number of files stored on a EMC NAS file server and wants to archive the data onto a long-term storage system.

Which policy-based application would allow the customer to leverage tiered storage and migrate data from short-term to long-term storage platforms?

- A. CUA
- B. EMC Diskxtender
- C. EMC Emailxtender
- D. Intercom 4995

Correct Answer: B

QUESTION 30

You want to implement Enhanced Availability incorporating two physical sites. The active CUA and primary EMC Centera are in site A; the standby CUA and secondary EMC Centera are in site B.

In a properly configured environment, which ports will be open on the network firewall between the two sites?

- A. 3218, 3682, 4543, 80, 22
- B. 3218, 7227, 23
- C. 3218, 7227, 3682, 80, 22
- D. 3218, 7227, 3862, 80

Correct Answer: C

QUESTION 31

Click the Exhibit button

How many clips still need to be migrated?

```
Compare Report
Wed Mar 21 15:16:50 UTC 2007
Status: COMPLETE Wed Mar 21 15:16:50 UTC 2007

Section 1, Reconciliation Information for source and target clusters

Command Center Messages:

No messages from the Command Center.

Source Cluster:

Source Customer: Site A
Source Site ID: <no ID>
Source Cluster ID: b86ee252-1dd1-11b2-adbe-d1ff76ce0
Source Cluster Serial Number: APM00060601
Total C-Clips: 976411
Common C-Clips: 974661
Unique C-Clips: 1750

Unique C-Clip breakdown

Audit C-Clips: 1716 ==> Action Required <==
Replication C-Clips: 0 ==> No Action Required <==
Target Reflection C-Clips: 1 ==> Action Required <==
Unknown C-Clips: 0 ==> Action Required <==
```

- A. 0 clips
- B. 1 clip
- C. 1,716 clips
- D. 1,717 clips

Correct Answer: A

QUESTION 32

EMC completed a C2C migration for a customer. Which C2C tool is used to determine a successful migration?

- A. C2C migration tool "compare" mode
- B. C2C migration tool "diagnose" mode
- C. C2C migration tool "health" mode
- D. C2C migration tool "migrate" mode

Correct Answer: A

QUESTION 33

The principle cluster node in an EMC Centera fails and remains offline. How will a new principle cluster node be assigned?

- A. Highest online System ID
- B. Lowest online System ID
- C. Next highest node number in the cube
- D. Next lowest node number in the cube

Correct Answer: B

QUESTION 34

Which EMC Centera tool allows a PEA file to be tested?

- A. EMC Centera CLI
- B. EMC Centera Console
- C. EMC Centera Verify
- D. EMC Centera Viewer

Correct Answer: C

QUESTION 35

You have installed the c2c utility and connected to the node running the command center. How is the smtp server configured?

- A. setconfig email_host <IP of the SMTP server>
- B. setconfig mail_host <IP of the SMTP server>
- C. setconfig smtp_host <IP of the SMTP server>
- D. updateconfig smtp_host <IP of the SMTP server>

Correct Answer: C

QUESTION 36

When installing CUA 4.0 on Centera Gen 4 node which node do you want to configure as a CUA?

- A. Access Node
- B. Spare Node
- C. Storage Node
- D. Storage on Access node

Correct Answer: B

QUESTION 37

Which C2C component is installed on an access node, collects statistical information, and interacts with all the C2C clients?

- A. Command Center component
- B. Data Migration component
- C. Diff component
- D. Mining component

Correct Answer: A

QUESTION 38

A customer wants to create a profile that can be used to manage the creation of pools/profiles and the ability to lock/unlock nodes. The customer does not want to log in as the administrator.

Which Management role does the profile need?

- A. Access Control
- B. Audit
- C. Compliance
- D. Configuration

Correct Answer: A

QUESTION 39

When configuring EMC Centera replication, which port number should you add to the end of the replication IP addresses?

- A. 1828
- B. 3218
- C. 3228
- D. 3682

Correct Answer: B

QUESTION 40

A customer has an EMC Centera at 3.1.3 CentraStar and is running compliance mode CE+ but has a need to attach to the cluster with EMC Centera Viewer. How can this be accomplished?

- A. Assign an IP address to a storage node and attach to it
- B. This cannot be done
- C. Use the CE+ enabled version of EMC Centera Viewer
- D. Via the access nodes (MOPI)

Correct Answer: A

QUESTION 41

Which operating system does EMC Centera Console support?

- A. AIX
- B. HP-Ux
- C. Linux
- D. Windows

Correct Answer: D

QUESTION 42

What is the cause of the time lag on a successful replication test when using the EMC Centera Verify tool?

- A. Asynchronous replication
- B. Built-in replication delay in CentraStar
- C. C-Clips being queued for replication
- D. Replication is paused

Correct Answer: B

QUESTION 43

A user states that their AIX application can NOT access the mountpoint they just created on the CUA. Which menu choice on the CUA Setup Utility > Configuration Options is most appropriate to help in this situation?

- A. Configure Centera Universal Access
- B. Configure FTP Access

- C. Modify CIFS Configuration
- D. Modify NFS Configuration

Correct Answer: D

QUESTION 44

Which file on the CUA allows customized information to be added to a CDF?

- A. custom_access.txt
- B. custom_metadata.txt
- C. custom_pool.txt
- D. custom_profile.txt

Correct Answer: B

QUESTION 45

Your customer wants to maximize storage space on an EMC Centera. Which Protection Scheme and Storage Strategy combination should you choose?

- A. CPM and Capacity
- B. CPM and Performance
- C. CPP and Capacity
- D. CPP and Performance

Correct Answer: C

QUESTION 46

A customer decided to add another application that does not natively incorporate EMC Centera's API and they decide to repurpose a spare Gen4LP node into a CUA.

What must they make sure of before implementing?

- A. Application server integrating to the CUA must have OnAlert installed
- B. Application server must have the latest EMC Centera SDK
- C. EMC Centera must be running CentraStar 3.1.3 or later
- D. Node must remain in the cabinet

Correct Answer: C

QUESTION 47

A customer wants to implement an IP Access Control List to allow only a single server to be able to access a CIFS share on a CUA.

What is the entry to enable the restriction?

- A. hosts allow = 192.168.0.0/255.255.255.0
- B. hosts allow = 192.168.1.10
- C. hosts allowed = 192.168.1.10
- D. hosts allowed = 192.168.1.10/255.255.255.0

Correct Answer: B

QUESTION 48

EMC Centera A and EMC Centera B are configured for unidirectional replication with Replicate Delete enabled. An object is written to EMC Centera A, then a delete is issued immediately before it can be replicated to EMC Centera B.

Where will a reflection be present?

- A. Both EMC Centera A and EMC Centera B
- B. EMC Centera A only
- C. EMC Centera B only
- D. Neither EMC Centera A or EMC Centera B

Correct Answer: B

QUESTION 49

An EMC Centera running CentraStar 3.x uses virtual pools that are configured with pool quotas. What will occur when the quota of a virtual pool is reached?

- A. Alert will be sent, but data can still be archived to that pool
- B. Cluster will be put into read-only mode, so no data can be written
- C. Data being archived to that pool will be written to the default pool
- D. Data can no longer be archived to that pool

Correct Answer: A

QUESTION 50

Up to how many CentraStar 3.1.2 clusters and up to how many domains may be monitored in EMC Centera Console 2.1?

- A. 4 clusters, 1 domain
- B. 4 clusters, 4 domains
- C. 8 clusters, 1 domain
- D. 8 clusters, 8 domains

Correct Answer: D

QUESTION 51

Which object within the EMC Centera contains only the archive data?

- A. API
- B. BLOB
- C. CA
- D. SDK

Correct Answer: B

QUESTION 52

You are merging two PEA files. Which section must be copied to create the merged PEA file?

- A. defaultkey
- B. key
- C. pea
- D. name

Correct Answer: B

QUESTION 53

Which Pool and Profile capabilities must be granted to the History Manager to access the Console Archive Cluster?

- A. read + query + monitor + exist
- B. read + write + delete
- C. read + write + delete + monitor
- D. write + clipcopy + monitor + read

Correct Answer: C

QUESTION 54

Click the Exhibit button

You are asked to return to a recent implementation where you tested access to the EMC Centera with EMC Centera Verify and the customer's finance PEA file. The customer tells you that there are still objects on the two clusters even though you deleted all your test data.

It is clear that this is test data, but why did EMC Centera Verify fail to clean up?

```
Config# show profile detail finance
Centera Profile Detail Report
-----
Generated on Wednesday 7 march 2007 15:46:11 CEST
Profile Name:                finance
Profile Enabled:             yes
Profile Secret Persistency Format: obfuscated
IP Restrictions:             <no restrictions>
Data Access Capabilities:
  Profile-metadata Capability: off
  Home Pool:                 default
  Compliance Role:          on
  Profile Type:             Access
  Cluster Mask:             r-ge-cw--h
  Granted Rights in Application Pools:
  Pool Name      Pool Mask  Granted   Effective
-----
  default        rdgeDcw-  rdgeDcw-  r-ge-cw-
  kvs            r-----w-  r-----w-  r-----w-
-----
  Scratchpad Pool Mapping:      -
  Active Pool Mapping:         -
Cluster Management Roles:      none
```

- A. EMC Centera Verify cannot delete test data.
- B. kvs pool does not allow deletes.
- C. The cluster is in Governance Edition mode.
- D. The cluster mask does not allow deletes.

Correct Answer: D

QUESTION 55

In the EMC Centera Console, there is a single domain named Default with one EMC Centera in the domain. The customer wants to rename this Default domain to "ABC."

How can this be done?

- A. In the EMC Centera Console, highlight the Default domain name, right-click and select Rename from the menu
- B. In the EMC Centera Console, under the edit menu, select Rename from the menu
- C. The domain name cannot be renamed
- D. Using the EMC Centera CLI, rename the domain Default ABC

Correct Answer: C

QUESTION 56

A new pool is created and an application writes C-Clips to it. ALL of the clips in the pool are then deleted and the pool is no longer being used. You attempt to delete the pool itself but you are unable to.

Why can it not be deleted?

- A. CDFs still exist in the pool
- B. Pools can never be deleted after they are created
- C. Pools cannot be deleted after they have been assigned as a home pool
- D. Reflections still exist in the pool

Correct Answer: D

QUESTION 57

An email archiving application writes the same 1 MB attachment 20 times to EMC Centera. The EMC Centera is set to storage strategy capacity, CPM, and running CentraStar 3.1.0.

After this ingest is finished, the customer claims SIS is not working because these ingests took more than 40 MB of metadata capacity on the cluster.

How can this be explained?

- A. Detection and elimination of identical BLOBs is a background process and is not immediate
- B. SIS has to be done by the application server when archiving emails
- C. Storage strategy capacity needs CentraStar 3.1.3 to work correctly
- D. Threshold is set incorrectly, thus all objects are stored with GM naming schemes

Correct Answer: A

QUESTION 58

Which CLI command will configure an EMC Centera to perform a hard stop if the regeneration buffer threshold is exceeded?

- A. set capacity regenerationbuffer
- B. set cluster regeneration
- C. set cluster regenerationbuffer
- D. set regeneration threshold

Correct Answer: A

QUESTION 59

A customer's application uses the SDK to communicate to EMC Centera. A system environmental variable is recommended to point the application to the appropriate PEA file to use.

What is the system environmental variable name?

- A. APPLICATION_CONFIGURATION_PEA
- B. CENTERA_API_PEA
- C. CENTERA_PEA_FILE
- D. CENTERA_PEA_LOCATION

Correct Answer: D

QUESTION 60

Writing a 300 KB file to EMC Centera using CPM creates four objects. How many objects would be created if EMC Centera was in default CPP mode with the default threshold?

- A. 6
- B. 7
- C. 8
- D. 9

Correct Answer: D

QUESTION 61

An EMC Centera disk failed and was replaced by an EMC Service Representative. Two days later the customer expresses concern because the disk still showed in the EMC Centera Viewer as not having any data on it.

How can this be explained to the customer?

- A. Data was fully reprotected to other disks in the cluster before the disk was replaced
- B. Garbage collection has purged overprotected data from the newly installed disk
- C. Regenerations are progressing but have not yet completed
- D. Regenerations have not yet started to reprotect the data onto the newly replaced disk

Correct Answer: A

QUESTION 62

You are dialed in to the modem of an EMC Centera that is connected to a Storage Only node.

What is the default IP address that you will use to connect to that cluster under EMC Centera Viewer?

- A. 10.255.0.1
- B. 10.255.10.0
- C. 10.255.1.1
- D. 10.255.10.1

Correct Answer: A

QUESTION 63

Which CLI command is used to test email notification?

- A. notify
- B. set cluster notification
- C. test email
- D. test notification

Correct Answer: A

QUESTION 64

When using a replication profile and PEA file, on which cluster is the PEA file created and on which cluster is it specified using the set cluster replication command?

- A. Both create and specify on the source
- B. Both create and specify on the target
- C. Create on the source, specify on the target
- D. Create on the target, specify on the source

Correct Answer: D

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