



**Vendor:** EMC

**Exam Code:** E20-017

**Exam Name:** Information Availability Design Specialist Exam  
for Data Center Architects

**Version:** DEMO

### QUESTION 1

Which element of a Time-State model represents an IT service failure?

- A. Engineering time
- B. Scheduled downtime
- C. Standby time
- D. Unscheduled downtime

**Answer: C**

### QUESTION 2

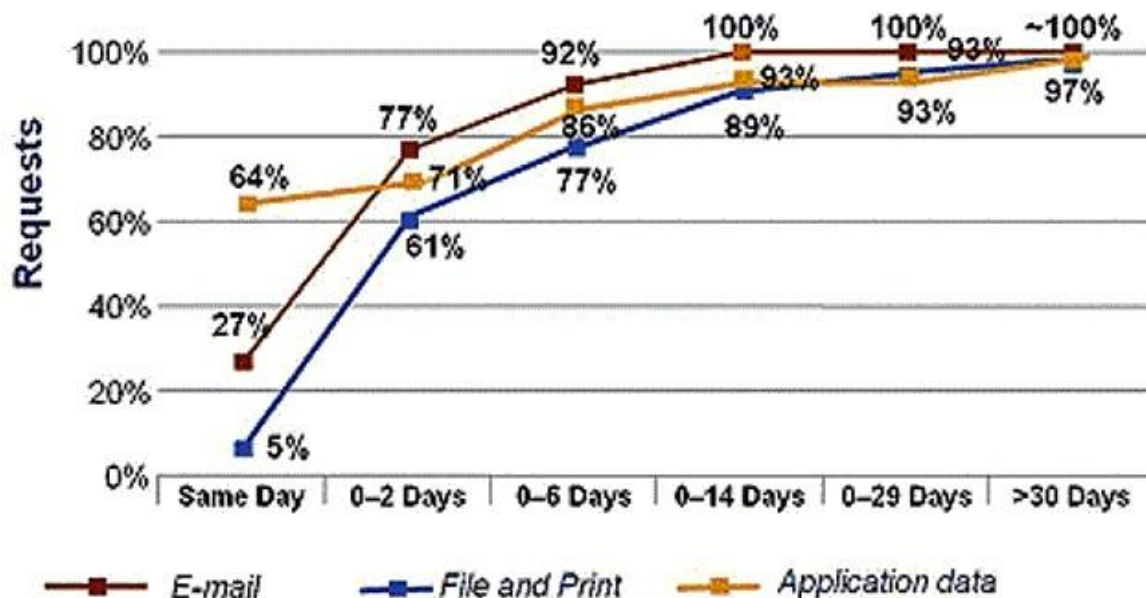
What defines archival data?

- A. Fixed primary data
- B. Short-term data image
- C. System recovery data
- D. Volatile copy of data

**Answer: B**

### QUESTION 3

Refer to the Exhibit. You are designing a new backup and recovery solution. You have determined that a disk-aware backup-to-disk solution will be used as the primary destination for backups. Once backups reach a specific retention period on disk, they will be moved to tape. To satisfy 90% of the e-mail restore requests from disk, what is the minimum required retention period?



- A. 2 days
- B. 7 days
- C. 14 days
- D. 15 days

**Answer: C**

**QUESTION 4**

When designing the required number of replication links for array-based remote replication, what is the recommended utilization range per link?

- A. 30% - 50%
- B. 50% - 70%
- C. 70% - 90%
- D. 90% - 100%

**Answer: A**

**QUESTION 5**

Which technology is most commonly used with NAS point-in-time copies?

- A. Copy on first write
- B. Copy on any access
- C. Copy on first access
- D. Copy on first read

**Answer: D**

**QUESTION 6**

Drag and Drop question.

What are the correct sequences of steps in a Data Classification (DC) process?

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Steps	Steps in Sequence
Define Schemes	Step 1
Define Rules	Step 2
Define Classes	Step 3
Define Perspectives	Step 4

**Answer:**

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Steps	Steps in Sequence
Define Schemes	Define Perspectives
Define Rules	Define Schemes
Define Classes	Define Classes
Define Perspectives	Define Rules

**Explanation:**

<http://www.emc.com/collateral/hardware/white-papers/h1017-data-classification-storage-optimization-wp.pdf> (page 5 to 6)

**QUESTION 7**

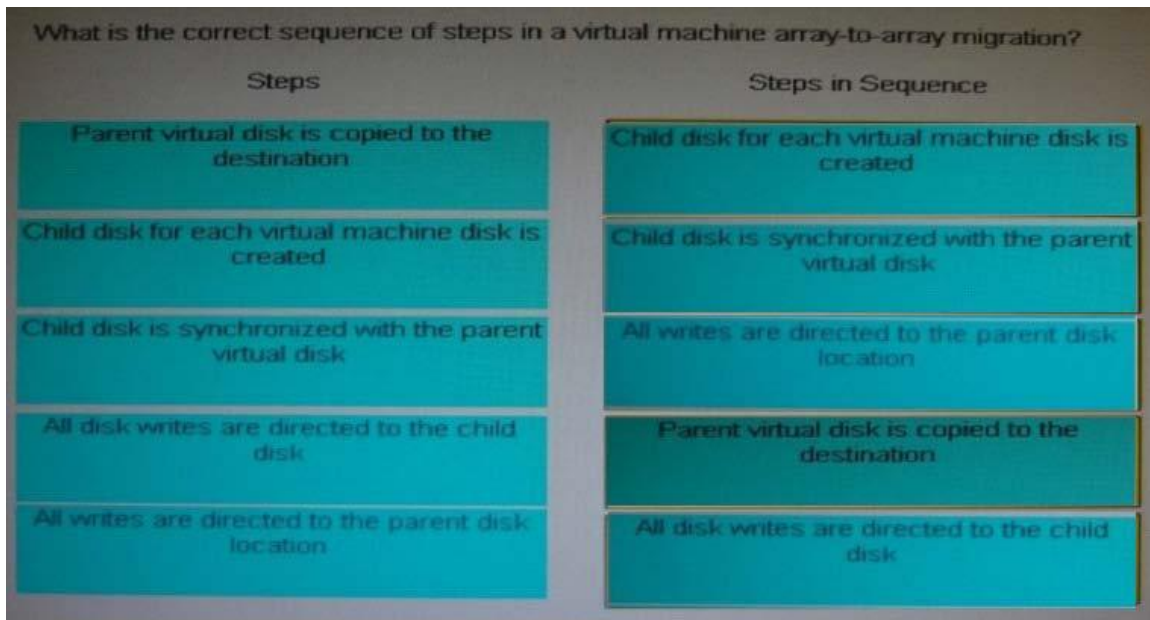
Drag and Drop question.

What is the correct sequence of steps in a virtual machine array-to-array migration?

What is the correct sequence of steps in a virtual machine array-to-array migration?

Steps	Steps in Sequence
Parent virtual disk is copied to the destination	Step 1
Child disk for each virtual machine disk is created	Step 2
Child disk is synchronized with the parent virtual disk	Step 3
All disk writes are directed to the child disk	Step 4
All writes are directed to the parent disk location	Step 5

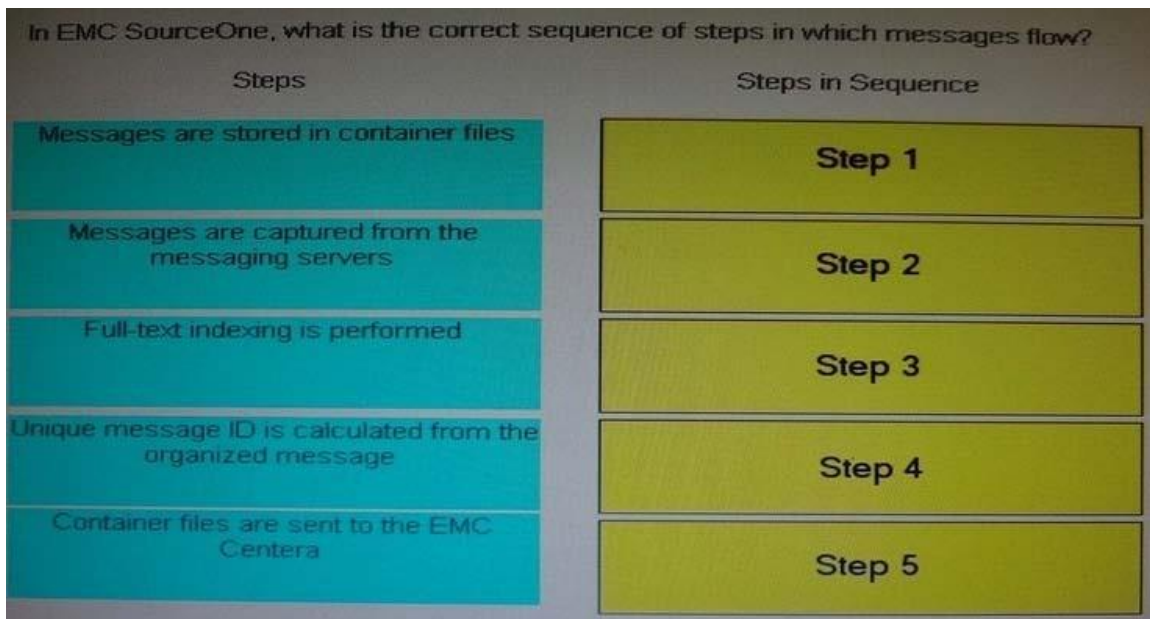
**Answer:**



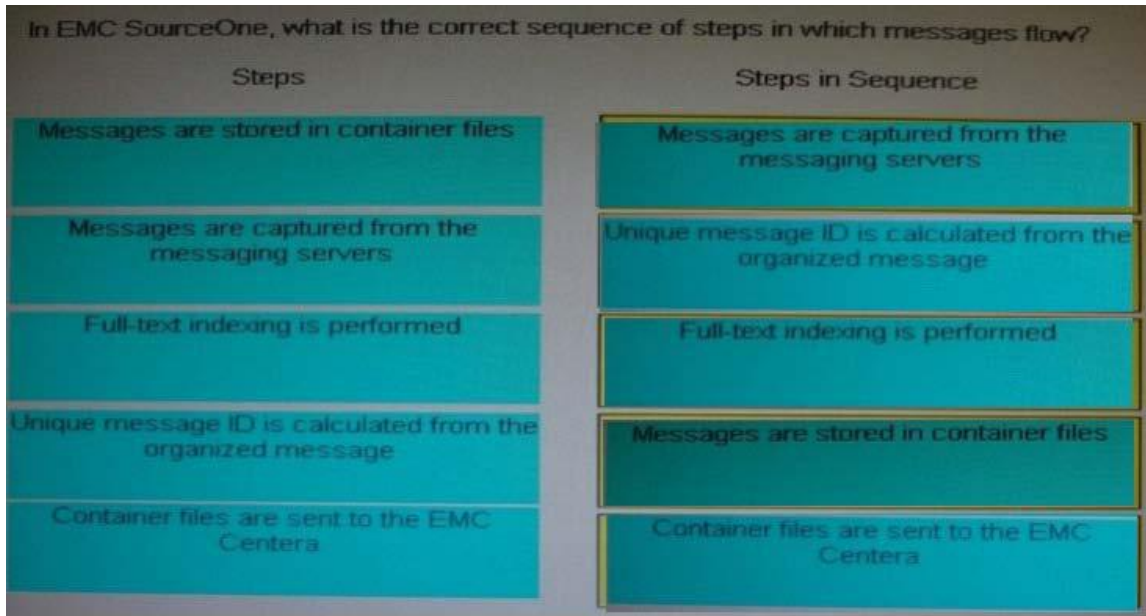
#### QUESTION 8

Drag and Drop question.

In EMC SourceOne. What is the correct sequence of steps in which messages flow?



Answer:



#### QUESTION 9

A company wants to replace its physical tape library with a virtual tape library (VTL). To deploy the VTL, the company spends \$300,000 for the hardware costs and \$60,000 for the implementation charges. Once the data is migrated from the physical tape library to the VTL, the physical tape library will be decommissioned for a cost of \$50,000. The company will gain \$60,000 per month due to this VTL implementation. What is the return on investment (ROI) in one year and the break-even point for the company's initial investment?

- A. 35%; Month 6
- B. 35%; Month 7
- C. 76%; Month 6
- D. 76%; Month 7

**Answer: D**

#### QUESTION 10

A company has a shared pre-staged infrastructure at an alternate site. This approach enables the company to rebuild systems and applications in the event of a disaster. What is the term for this strategy?

- A. Hot site
- B. Manual failover site
- C. Cold site
- D. Warm site

**Answer: A**



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