COHESITY

Cohesity Implementation Professional - SmartFiles Exam Preparation Guide

Introduction

The Cohesity Implementation Professional - SmartFiles exam focuses on ensuring individuals are knowledgeable in Cohesity SmartFiles implementation concepts and terminology. The exam also requires the successful candidate to demonstrate the ability required to administer and monitor the Cohesity Data Cloud platform. This exam covers Cohesity concepts and administration for file and object services. The exam also covers reporting, replication, archival, and using file and object services for storing various kinds of data. A Cohesity Implementation Professional - SmartFiles digital badge will be provided upon successful completion of this exam.

Target Audience

The target audience for the Cohesity Implementation Professional - SmartFiles exam include all technical and semi-technical roles such as:

- File and object storage administrators, operators, or help desk staff
- System administrators
- Professional services
- Cohesity and partner employees in roles such as pre-sales, services, support, etc.

Products Covered

Products covered in this exam include:

- Cohesity Data Cloud platform
- Cohesity SmartFiles
- Cohesity DataProtect
- Cohesity CloudArchive
- Cohesity Replication
- Cohesity CloudTier

Recommended Training, Knowledge, and Hands-On Experience

- Familiarity and experience with standard file & object services concepts
- Familiarity with Cohesity UI
- Familiarity with relevant documentation (e.g., manuals, documents, industry standards recommended)
- Cohesity SmartFiles Administration course
- Cohesity Data Security Administration course
- 3-6 months experience on Cohesity SmartFiles

Recommended Study Materials

- Cohesity Data Cloud and SmartFiles User Guides
- Cohesity Data Cloud and SmartFiles Technical Guides
- Cohesity Data Cloud Release Notes
- Cohesity Support Portal, including the Knowledgebase

Exam Domains/Topics

Section 1 - SmartFiles Administration Concepts (28.33%)

- Identify the protocols supported by Cohesity Views
- Describe the workflow used to create a Cohesity View
- Describe the Storage Domains settings for Views
- Describe how to encrypt data on Cohesity Views
- Describe the default behavior for Cohesity View quotas
- Identify the configuration features of Cohesity Views
- Describe the different Cohesity View QoS policies
- Describe how to administer Cohesity Views
- Describe how to protect Cohesity Views
- Identify Cohesity SmartFiles use cases

Section 2 - Marketplace Application Integration (16.67%)

- Identify what is needed to enable Cohesity Marketplace application support
- Describe the Cohesity Marketplace applications that can be integrated with Cohesity Views
- Describe how to search for data on Cohesity Views
- Describe how and why the Cohesity Marketplace applications Spotlight and Insight can be implemented with Cohesity Views
- Describe the steps needed to enable file services audit logs
- Describe how to troubleshooting file services audit logs
- Identify the procedures used to enable antivirus protection on a Cohesity View

Section 3 - NAS Migration and Tiering Concepts (16.67%)

- Identify the purpose of external NAS tiering jobs
- Identify the use cases for the external NAS tiering feature
- Describe the process used to migrate NAS data to a Cohesity View
- Describe how to administer data that has been tiered from a NAS to a Cohesity View

Section 4 - Disaster Recovery Concepts (18.33%)

- Describe Cohesity File Services archival options
- Identify Cohesity File Services disaster recovery options
- Describe Cohesity File Services failover options

Section 5 - Security and Compliance (20%)

- Demonstrate the ability to limit access to a share using allowlists or granular permissions
- Identify the allowlist requirements for access to SMB shares
- Identify the features of Cohesity Views that can be used to secure client data
- Describe Cohesity View protocol security options
- Identify which Cohesity View protocols are read-only versus read/write by default
- Identify the three different types of security parameters that can be configured on a Cohesity View
- Describe Cohesity View WORM compliance options
- Describe Cohesity View file auditing capabilities

Recommended Preparation

In addition to the recommended training, reference study materials, and hands-on experience, this document includes a practice exam to help candidates prepare for the Cohesity Certified Implementation Professional - SmartFiles Certification Exam.

Exam Details

Cohesity exams are delivered and proctored through a third-party testing center, with both onsite and remote testing options available. Onsite testing is available in specific locations.

Register for the exam

Certification Track	Cohesity Implementation Professional
Specialty	Cohesity Certified Implementation Professional - SmartFiles
Credential	Cohesity Certified Implementation Professional - SmartFiles
Exam Number and Title	COH125 - Cohesity Certified Implementation Professional - SmartFiles
Prerequisite Exams or Certifications	None
Exam Duration	90 minutes
Fee	$200 (USD)
Expiration	2 years
Retake Policy	The exam can be attempted once every 14 days
Language	English
Age requirement	None
Passing Score	60%

Cohesity Implementation Professional - SmartFiles – Practice Exam Questions and Answers

Below are practice questions similar to those found on the certification exam. Please note that these practice exam questions are provided to give candidates a general idea of the type, look, and feel of the questions on the proctored certification exam. Answers to the questions can be found at the bottom of the document.

The list of exam domains/topics and the recommended study materials offer much more detailed information regarding exam content. Performance on these practice questions does not guarantee similar results or passing marks on the actual certification exam(s).

Cohesity Implementation Professional - SmartFiles – Practice Exam Questions

Question 1:

Using the Cohesity UI, you enable compression on a Storage Domain and use the default setting of Inline Compression. In this scenario, which statement is correct?

A. Compression is performed on the client before data is written to the Storage

B. Compression is performed after data has been written to the Storage Domain

C. Compression is performed as data is written to the Storage Domain

D. Compression occurs on the client and again when data is written to the Storage Domain

Question 2:

Which two concepts allow for Cohesity to minimize the amount of data stored on disk? (Choose two.)

A. Global deduplication

B. Change block tracking

C. Compression

D. Encryption

Question 3:

When creating a new Cohesity View, which category can provide Swift access?

A. File Shares

B. Object Services

C. Backup Target

D. Protected View

Question 4:

Which firewall port needs to be opened for Cohesity S3 View access?

- A. Firewall port 3000 (TCP, incoming and outgoing to cluster)
- B. Firewall port 3000 (TCP, incoming to cluster)
- C. Firewall port 3000 (TCP, outgoing to cluster)
- D. Firewall port 3000 (UDP, incoming to cluster)

Question 5:

Which statement is correct about Cohesity Marketplace applications?

- A. You can have several instances of the same application running simultaneously.
- B. A user who is assigned the built-in "Operator" privilege can manage and launch apps.
- C. You can only have a single instance of an app running at any one time.
- D. A user assigned the built-in "Operator" privilege can launch apps but cannot manage them.

Question 6:

You are asked to move data files larger than 25 MB that have not been accessed in the last six months from your primary NAS to Cohesity. The end result should allow a symbolic link to remain on the original primary NAS to avoid readdressing file locations.

- A. Recover the primary NAS into a new Cohesity View.
- B. Create a new Cohesity Data Tiering Job using the specific parameters.
- C. Use the Cohesity Insight app to migrate the data based on provided parameters.
- D. Create a NAS Protection Group.

Question 7:

A customer requires fast ingest speeds for a small number of tiering jobs from their primary NAS to Cohesity using External NAS Tiering. Which option can satisfy this requirement?

- A. Change to the maximum file size for tiering.
- B. Set the QoS Policy to Backup SSD.

- C. Set the schedule to run hourly.
- D. Select the "Do not create symbolic links after migration." option.

Question 8:

When archiving a Cohesity View's data, which three External Targets are explicitly shown in the Cohesity UI? (Choose three.)

- A. NAS
- B. Alibaba Cloud
- C. QStar
- D. Azure
- E. IBM Cloud

Question 9:

You want to use Cohesity CloudRetrieve to recover a file that exists on a protection snapshot that was archived to a cloud External Target by a different Cohesity cluster. CloudRetrieve's search can take up to several hours to complete. What would you do to speed up the search in this scenario?

- A. Specify the file name and the cluster name to narrow the results.
- B. Specify the folder name and cluster name to narrow the results.
- C. Specify the Protection Policy name and cluster name to narrow the results.
- D. Specify the Protection Group name and cluster name to narrow the results.

Question 10:

Which statement is true about adding a Legal Hold to selected objects in a Protection Run?

- A. The Protection Run gets the Legal Hold propagated to all replicated and archived objects.
- B. The Protection Run does not get the Legal Hold propagated to archived backup snapshots.
- C. The Protection Run does not get the Legal Hold propagated to all replicated and archived objects.
- D. The Protection Run does not get the legal hold propagated to replicated backup snapshots.

Cohesity Implementation Professional - SmartFiles – Practice Exam Answers

Sample Question 1	C
Sample Question 2	A, C
Sample Question 3	B
Sample Question 4	B
Sample Question 5	A
Sample Question 6	B
Sample Question 7	B
Sample Question 8	A, C, D
Sample Question 9	D
Sample Question 10	D

Learn more information contact academy@cohesity.com

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