Cohesity SmartFiles Administration

The Cohesity SmartFiles Administration class is a two-day, instructor-led technical course focused on teaching IT professionals how to best utilize Cohesity SmartFiles 6.6 to store, protect, and search their data.

The SmartFiles Administration Training Course teaches common workflows and can be tailored to address desired customer use cases.

After an overview of the Cohesity Data Cloud platform interface and its features, students will be introduced to new concepts realized with Cohesity's revolutionary platform.

SmartFiles Administration Training

Course Objectives

By the end of this course the learner should be able to:

- Identify key Cohesity SmartFiles features
- Recognize the key use cases enabled by SmartFiles
- Create, protect, archive and recover Cohesity View's data
- Migrate existing data to a Cohesity View
- Review workflows and troubleshooting

Intended Audience

- NAS/Storage Administrators
- System Administrators
- Cohesity Administrators

Prerequisite Skills

- Prior experience managing NAS or other File and Object Services
- Basic System Administration skills (Linux, Windows, VMware)
- Basic Layer 2 Networking and familiarity with Cloud/S3 storage

Training Prerequisites

- Cohesity Platform Foundations eCourse

Key Benefits

- Instructor-led demonstrations of common workflows including 'Creating and Protecting Cohesity Views' and 'External NAS Tiering'
- Hands-on labs for 'Creating and Protecting Views', 'Migrating SMB and NFS NAS data to a Cohesity View', and 'Replicating and Archiving a Cohesity View'

Course Syllabus

Course Introduction
- Lab Environment Overview
- Course Overview

SmartFiles Overview
- Cohesity Data Cloud platform Overview
- What is Cohesity SmartFiles?
- SmartFiles Use Cases

Storage Domains
- Overview of Storage Domains
- Storage Domain Configuration Options

Views
- Overview
- View creation workflows
- Advanced Settings

Views Protection, Recovery, and Cloning
- View Data Protection Workflows and Configuration Settings
- View Recovery Workflows
- View Cloning Workflows

NAS Data Migration
- Overview of NAS Migration and its Use Cases
- NAS Data Migration Workflows

NAS Data Tiering
- Overview of NAS Data Tiering and its Use Cases
- NAS Data Tiering Workflows (Up-tiering and Down-tiering Data)

Long Term Retention and Disaster Recovery
- CloudArchive and Replication Overview
- CloudArchive Workflows and Configuration Options

- CloudRetrieve
- Replication Workflows and Configuration Options

CloudTier
- Overview of Cohesity CloudTier and Key Terms
- Configuration
- Considerations

Cohesity Marketplace Apps
- Overview
- Requirements
- Enabling Apps Management and Apps Installation
- Cohesity Spotlight
- Cohesity Insight
- ClamAV

Security
- Platform Encryption
  - Data-At-Rest Encryption
  - Data In-Flight Encryption
- Access Management
  - Authentication and RBAC
  - Active Directory Integration
  - View Authentication and Permissions
  - Protocol Specific Security Options
- Data Compliance
  - DataLock
  - File DataLock
  - Legal Hold
  - Cloning a View as a DataLock View

Operations, Monitoring and Troubleshooting
- Advanced Configurations
  - Networking
- Auditing
  - Cluster Audit Logs
  - File Services Audit Logs
- Reporting
  - Overview
  - Storage/Capacity Reporting
  - Protection Group Reporting
  - Object Reporting
  - Status Reporting
- Troubleshooting Tools Overview
  - Cohesity Documentation & Support
  - GUI Tools
  - CLI Tools
- Troubleshooting Examples
- Troubleshooting Checklist

References
- SmartFiles Documentation and Whitepapers

Close and Q&A
- Questions and Answers
- Overview of the Certification Exam (optional)
- Survey Completion
- Additional Feedback