

VEDITHTECH

Professional:

Course Overview

Commvault Administrative Training course is inclined towards the professionals that are responsible for day to day administration and management of Commvault Simpana Software.

This course is designed with all aspects of essential concepts, in detail knowledge and best practices for the user security and management, system settings, policy configuration and use, media and library management. The course also explains the in – detail concept of job management including job activity and status monitoring.

Commvault Administrative Training will help candidates to learn the effective and efficient ways of managing the data movement like backup, auxiliary copy and restore within CommCell Group.

Course Prerequisite

This training is designed and inclined towards IT Managers and key personnel with responsibility for management of Commvault software. Any person looking to start career or planning to join other Commvault software.

- The candidates should have a prior knowledge of administration level of understanding of window 2008/2012 Server.

Key Benefits

On the successful completion of this course, the candidate will be able to perform the following mentioned functionalities of Commvault Software.

- Students will able to manage CommCell Console access with appropriate permissions for users.
- Well Understanding of data retention configuration and rules for effectively managing data in protected storage.
- Students will able to perform the different functionalities like create, configure and associate policies for data storage management.
- Students will able to create a timely and effective monitoring system controlled by the COMM Serve Software.

Course Content

1. **CommCell Administration**

CommCell Administration Overview

CommCell Administration Course overview model explains the essential concepts of day to day administration and Management of CommCell Software.

Security

This Module explains the role – based Security concepts including user and the role of the user and Entity. This course describes in – detail documentation for CommCell Security.

CommCell Administrative Tasks

The Module explains about the fundamental Administrative Tasks like Job Manager Scheduler, Event Manager and Alert Subsystem, User Security and Disaster Recovery and many more.

2. Storage, Configuration and Media Management

Media Agents

This Module explains about the MediaAgent Administration and different key components like CommServe and MediaAgents in the CommCell environment.

Disk Storage

Disk Storage module describes the concepts about disk virtual library, mount paths. It also explains the functions of disk media.

Tape Storage

Tape Storage module explains the concept of physical library, functionality of tape storage with Tape Media and Media Agents.

Indexing

Indexing concept module describes the definition of indexing, operations performed under indexing module and various versions of indexing.

Deduplication

This Module explains the optimization storage space using deduplication concept. It also describes detail process of how deduplication works.

3. Storage, Policies and Retention

Storage Policies

Storage Policies is considered as the data management entity by defining the life cycle management rules. It also explains management concepts for subclients data.

Retention

This module explains data retention policies, operations that are important for managing storage. It also covers the configuration settings for data retention policy.

4. **Client Administration**

Client Tree Structure

CommCell Logical Architecture covers all aspects of Client Tree Structure and different areas of it. It also covers logical management of data concepts.

Commvault Agents

Commvault agents Module explains documentation of Backup agents, file system recovery and backup, application backup, recovery and many more.

Sub clients

This module defines subsets of Data for Backup, logical containers, Installation process of the default subclients and functionality of Sub clients.

5. **Data Protection and Recovery**

Data Protection

Data Protection module covers all concepts of Data Management and traded data protection policy of the CommCell software.

Data Recovery

This Module explains Data Recovery policy and data backup policy for clients and partners with CommCell Software.

Monitoring

CommCell Monitoring Resources

This Module Explains Monitoring System, data collection by administrators. It will also explain the process of troubleshooting, auditing and compliance.

Alerts

This Module explains all the aspects of monitoring activities like alerts of the monitoring system application.

Reports

This Module also considers a major and important key factor for the Monitoring process of the CommCell software.

6. **Virtualization**

Virtual Server Agent Backup Process

The Virtual Server Agent (VSA) for VMware that provides a unified protection and recovery for all virtual machine data in Vcenter.

Virtual Server Agent Roles

This Module covers all roles and responsibilities of virtual server agents, role like deployment, planning, backup and recovery, Integrating and many more.

Transport Modes

Transport Mode of VMware describes all the modes that are available in VMware as well as advanced transport methods like SAN, HotAdd, LAN, NAS etc.

7. Performance

Performance Overview

This Module Explains how to improve the performance of data movement operations using suggested parameters at a time.

Meeting Backup Windows

The Commvault File System agent provides unified protection and recovery for the file data system or windows client. This Module explains all the protection needs for the same.

Meeting Media Management Requirements

This Module covers all aspects of managing and establishing the media management parameters, required cleaning and configuring.

Meeting Restore Requirements

This Module helps to gain the knowledge of restoring data using the windows file system agent to determine which combination of options to meet the requirements.

Assessing Data Protection Methods

This Module covers all methods for Assessing General Data Protection, explains all the regulations and compliances with content store.

Assessing Commvault Product Features

This Module explains the different product features as Commvault brings New Products and Functionality into production and allow customers to use and evaluate.

Assessing Commvault Software Options and Configurations

This module is highly responsible for guiding on various versions of Commvault software and its options and configuration settings to improve its performance.

8. IntelliSnap

IntelliSnap Technology Overview

IntelliSnap Technology Overview explains about the Snapshot Management, Enhance data protection and recovery operations. It also explains the importance of Snapshot, challenges faced in Snapshot and many more.

Hardware Snapshot Methods

This Chapter has covered all methods of Hardware Snapshot, several advantages of Hardware Snapshot, how to choose the right method hardware snapshot.

IntelliSnap for VSA

The IntelliSnap Virtual Server Agent for VMware gives IntelliSnap backups, to create point-in-time of Snapshot for Virtual Machine Data.

IntelliSnap Configuration

This Module Explains the overall documentation of procedure for configuring the Client for IntelliSnap Configuration.

