

Commvault Professional Fundamental and Advanced

Duration: 5 days (8hrs/day)

Prerequisite: Basic understanding of data management concepts, familiarity with backup and recovery principles, and proficiency in using computer systems and software applications.

Lab Requirement: Koenig DC

Module 1 – Planning a CommCell® Architecture

- Common Technology Engine Architecture
- Planning a Sound Data Protection Strategy
- Different Type of product we have in Commvault

Module 2 – CommCell Environment Deployment

- CommCell Deployment Process
- Client Agent Deployment Methods
- Prerequisite to Install Commserver
- Commvault process Manager
- Physical Architecture of Commvault

Lab: Installing Commvault Software

Module 3 – CommCell Administration

- Accessing the Administrative Console
- Navigate the CommCell® Console
- Configure User Administration
- How to Manage Local and Domain Users
- How to manage Role and Group Permission
- CommCell® Administrative Tasks
- Daily Administrative Tasks

Lab: Accessing the Administrative Console

Lab: Navigate the CommCell® Console

Lab: Configure User Administration

Lab: Creating Client Computer Groups

Lab: CommCell® Administrative Tasks

Module 4 - Storage Configuration and Management

- Role of Media Agent
- Prerequisite to Install Media Agent
- Add and Configure Disk Libraries
- How to configure NAS library

Lab: Installing Media Agent and Joining to CommServer

Lab: Add and Configure Disk Libraries

Module 5 – Storage Policies – Concepts and Design

- Understanding Storage Policies
- CommCell® Deduplication
- Client side and media agent side deduplication
- How data written is non - deduplicated is different from deduplicated data
- Global deduplication storage policy
- About v4 and v5 deduplication
- Understanding Retention
- What is Indexing, and why we require it
- Indexing types - V1 and V2 Indexing
- Understanding Secondary Copy

Lab: Creating Our First Storage Policy

Lab: Enable and Disable Deduplication

Lab: Creating Deduplication Policy

Lab: Creating Secondary Copy

Module 6 – Client Administration

- Understand Clients
- BackupSet
- How Backup Job workflow works
- How to Perform File System Restore
- Configure Subclients
- Different type of option we have in Subclients

Lab: Configuring Clients

Lab: Configure Subclients

Module 7 – Data Protection and Recovery

- Understanding Job Management
- Restore Data
- Configure SQL Backup
- Different type of option available during SQL restore
- Understanding how VM Snapshot Works
- Different type of option available we have in VM Snapshot restore
- What us Auxiliary copy
- Different type of Auxiliary Copy that Commvault support

Lab: Creating Backups

Lab: Restoring Data

Lab: Creating SQL Backup

Lab: Configure VM snapshot backup and restore

Module 8 – Logging and Monitoring a CommCell Environment

- Understanding Monitoring Tools
- Events in Commvault
- Configuring Alerts
- Configuring Reports

Lab: Configuring Alerts

Lab: Configuring Reports

Module 9 – Disaster Recovery

- What is Disaster Recovery
- How DR Backup Works

Lab: How to perform Disaster Recovery