

COMMVAULT PROFESSIONAL

DESCRIPTION

Learn essential skills for installing and configuring Commvault® software to protect data in virtual and physical infrastructures. This 5-day course provides all the information needed to get your Commvault environment up and running including: CommServe® server configuration, MediaAgent design, agent deployment, storage configuration, and data security. The class is balanced between technical discussions using detailed diagrams and white board sessions, and hands-on labs using Education Services CVLab environment focusing on both the Admin Console and the CommCell® Console.

Prerequisites

It is recommended that you watch the [Welcome to Commvault®](#) e-Learning course. This course is included at no additional cost, as a part of the Commvault Professionals registration, and is recommended to be completed prior to attending this course.

WHO SHOULD ATTEND THIS COURSE?

This course is intended for personnel responsible for day-to-day administration and management of Commvault® software.

CERTIFICATION

Completion of this course helps you prepare for the **Commvault Certified Professional Certification**. The **Commvault Professional** exam is included free of charge as a part of the **Commvault Professional** instructor and virtual instructor-led course registration.

Commvault Certified Professional V11 2018 Exam

A Commvault Certified Professional certification validates the skills required to install, configure, and administer a CommCell® environment using both the CommCell Console and Admin Console. It proves a professional level skillset in the following areas:

- CommCell Administration – user and group security, configuring administrative tasks, conducting data protection and recovery operations, and CommCell monitoring.
- Storage Administration – deduplication configuration, disk library settings, tape library settings, media management handling, and snapshot administration.
- CommCell Implementation – CommServe® server design, MediaAgent design and placement, indexing settings, client and agent deployment, and CommCell maintenance.

CERTIFICATION EXAM SPECIFICS

- Total Questions: 40
- Time Allotment: 90 minutes
- Passing Grade: 75%

HIGHLIGHTS

Product Release

- Commvault Version 11

Delivery Methods

- Instructor-led
- Virtual Instructor-led

Duration

- Five day Instructor and Virtual Instructor-led

COURSE MODULES AND ELEARNING COURSES

CommCell® Deployment	<ul style="list-style-type: none"> • Next Generation Platform overview • Physical architecture • Logical architecture • Web console • Admin console • CommCell console • Commvault® component system requirements
Software Implementation	<ul style="list-style-type: none"> • Downloading Commvault® software • CommServe® server installation and configuration • MediaAgent installation and configuration • Ransomware risk mitigation • Role based security
Disk, Deduplication, and Cloud	<ul style="list-style-type: none"> • Storage overview • Disk library design and configuration • Cloud library configuration • Deduplication overview concepts • Transactional deduplication database • Partitioned deduplication database • Data verification
Tape Libraries	<ul style="list-style-type: none"> • Tape library design and configuration • Tape media management
Storage Policies	<ul style="list-style-type: none"> • Storage policy overview • Storage policy configuration • Storage policy administration • Global secondary copies • Retention overview • Job based retention • Additional retention settings
Servers and Server Groups	<ul style="list-style-type: none"> • Server tree structure • Server administrative tasks using the CommCell® console • Admin console concepts • Commvault agents • Agent installation methods • Server groups
File Server Solution	<ul style="list-style-type: none"> • File server solution overview • Add a solution • Data protection plans • Subclients • Filtering
Protecting Virtual Environments	<ul style="list-style-type: none"> • Virtual protection overview • Transport modes • VSA filtering • VSA application aware backup • Adding a virtualization solution • Admin console VSA tasks • VSA backup options • VSA recovery methods

Snapshots and Block Level Backups	<ul style="list-style-type: none"> • Snapshot overview • IntelliSnap® technology • Block-level backups • Snapshot configuration • Managing snapshots
Job Management	<ul style="list-style-type: none"> • Data protection overview • Job initiation methods • DASH Full and DASH Copy jobs • Scheduling and schedule policies • Managing active jobs • Data recovery operations • Data encryption • Firewall configuration and network topologies
Maintenance and Tuning	<ul style="list-style-type: none"> • Monitoring resources • Alerts • Reports • CommCell® tools • Performance tuning

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