

Commvault® Engineer

Description

Elevate your knowledge of Commvault® software and maximize your organization's investment by learning and applying infrastructure design concepts in your environment. The Commvault Engineer course focuses on a deeper understanding of topics such as:

- CommCell® design
- Storage configuration
- Cloud computing and disaster recovery
- Commvault Deduplication
- Application protection in a virtual infrastructure

This course is structured as a design and implementation project where Commvault best practices are applied to prepare the participant to optimally plan for:

- CommServe® placement
- MediaAgent scaling, deduplication engine design
- Commvault HyperScale™
- Snapshot implementation
- Virtual Server Agent configuration from the ground up
- Performance.

Emphasis is placed on VM protection, particularly for protecting virtualized applications including Microsoft Exchange, SQL and SharePoint.

Who should attend this course?

This course is intended for experienced administrators and engineers looking to elevate their knowledge in CommCell® design strategies focusing on storage design and cloud computing, Deduplication, Commvault HyperScale™, virtual data protection, and application protection.

Prerequisites

- Commvault® Professional Foundations
- Commvault® Professional Advanced

Certification

Completion of this course helps you prepare for the **Commvault Engineer 2020 Exam Certification**. The **Commvault Certified Engineer V11 2020** is included free of charge as a part of the **Commvault® Engineer** instructor and virtual instructor-led course registration.

Commvault Engineer 2020 Exam

The Commvault® Engineer Exam assesses the student's level of comprehension for:

- Configuration and management of storage policies, data retention, and protection options for protecting data
- The deployment and configuration of a Virtual Server Agent (VSA) for both physical and virtual hosts
- VSA instances, data sets and subclient configuration
- Describe how IntelliSnap® Technology is used to protect virtual

Highlights

Product Release

- Commvault Version 11

Delivery Methods

- Instructor-led
- Virtual Instructor-led

Duration

- Three day Instructor and Virtual Instructor-led

Prerequisites

- Commvault® Professional Foundations
- Commvault® Professional Advanced

Certification Exam Specifics

- Total Questions: 40
- Time Allotment: 90 minutes
- Passing Grade: 75% (30 correct answers)
- Passing the Commvault® Engineer exam with attaining Certified Professional status will certify you as a Commvault Certified Engineer 2020 environments
- Establish backup and recovery performance benchmarks

Course Modules And Self-Paced Training Courses

CommCell® Design	<ul style="list-style-type: none"> • CommCell Structure Planning • CommServe® design • MediaAgent Scaling • Indexing
Storage Design	<ul style="list-style-type: none"> • Storage infrastructure design • GridStor® technology • SAN Data Server • Cloud computing and storage • Deduplication design • Storage Policy design
Virtualization	<ul style="list-style-type: none"> • Virtualization primer • Virtual Server Agent backup process • Virtual Server Agent roles • Transport modes • Virtual Server Agent configuration
IntelliSnap® Technology	<ul style="list-style-type: none"> • IntelliSnap technology overview • Hardware snapshot methods • IntelliSnap for VSA • IntelliSnap configuration
Application Protection	<ul style="list-style-type: none"> • Application protection overview • Agent based protection • VSA application aware backup • IntelliSnap for VSA • Additional application protection methods
Performance	<ul style="list-style-type: none"> • Performance overview • Meeting backup windows • Meeting media management requirements • Meeting restore requirements • Assessing data protection methods • Assessing Commvault® product features • Assessing Commvault software options and configurations

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