

ADVANCED INFRASTRUCTURE DESIGN

DESCRIPTION

Elevate your knowledge of Commvault® software and maximize your organization's investment by learning and applying infrastructure design concepts in your environment. The Advanced Infrastructure Design course focuses on a deeper understanding of CommCell® design, storage configuration, and 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, snapshot implementation, and Virtual Server Agent configuration from the ground up. Emphasis is placed on VM protection, particularly for protecting virtualized applications including Microsoft Exchange, SQL and SharePoint.

WHO SHOULD ATTEND THIS COURSE?

Experienced administrators and engineers looking to elevate their knowledge in CommCell design strategies focusing on storage design, virtual data protection, and application protection.

PREREQUISITES

- Commvault Professional

CERTIFICATION

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

Advanced Infrastructure Design Certification Exam (V11)

The Commvault® Advanced Infrastructure Design 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 environments
- Establish backup and recovery performance benchmarks

CERTIFICATION EXAM SPECIFICS

- Total Questions: 40
- Time Allotment: 90 minutes
- Passing Grade: 75% (30 correct answers)
- Passing the Advanced Infrastructure Design exam with attaining Certified Professional status will certify you as a Commvault Certified Engineer

HIGHLIGHTS

Product Release

- Commvault Version 11

Delivery Methods

- Instructor-led
- Virtual Instructor-led

Duration

- Three day Instructor and Virtual Instructor-led

Prerequisites

- Commvault Professional

COURSE MODULES AND ELEARNING COURSES

CommCell® Environment Design	<ul style="list-style-type: none"> • CommCell design • CommServe® design • MediaAgent Scaling • Indexing Scaling
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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COMMVault.COM | 888.746.3849 | REGISTRAR@COMMVault.COM

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