COMMVAULT®
EDUCATION SERVICES

GLOBAL COURSE CATALOG

NEW AND UPDATED OFFERINGS: V11 NEW FEATURES; V11 PASSPORT E-LEARNING; ADVANCED INFRASTRUCTURE DESIGN; COMMVAULT MASTER CLASS; COMMVAULT CERTIFICATION PROGRAM EXAM PREP CLASS
WELCOME TO COMMVAULT® EDUCATION SERVICES AND THE LATEST EDITION OF THE COURSE CATALOG.

Our goal is simple – help maximize your company’s investment in Commvault® software and help you advance in your career. We achieve this through a staff of highly skilled and extremely knowledgeable instructors, each certified for their instructional and technical skills.

Our learning content is built and tested by these same experts, assuring maximum value via self-paced eLearning, instructor-led or virtual instructor-led classroom sessions. Our instructor-led and virtual instructor-led sessions provide valuable hands-on lab experience. The successful completion of these courses, along with real world experience, will lead you to validate your skills by taking part in our world class certification program.

Education Services seeks your feedback on the Education Advantage Portal and the presentation of the concepts and materials on that site and we urge you to participate in our Education Services Forum, also located on the Education Advantage Portal, simply visit: https://ea.commvault.com.

We continue to add new self-paced eLearning titles, see the ‘What’s New’ section and check back often to see new/updated titles. It is Commvault’s mission to deliver the best technical learning experience. Your feedback, collaboration and active participation shapes that ongoing effort.

We look forward to learning with you!

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WHAT’S NEW?

New And Updated Courses

V11 NEW FEATURES
Explore the exciting feature enhancements and additions to the next generation of Commvault® software. Learn about product changes and configuration options before upgrading your Commvault environment. This course focuses on feature changes including: security, indexing, deduplication, storage policies, and virtualization. In addition to this eLearning package, this course also includes the Commvault V11 Walkthrough supplemental guide. This course is available as a self-paced eLearning course (WBT) or a one-day virtual instructor-led course (vILT).

COMMVAULT® CERTIFIED PROFESSIONAL EXAM PREP
Review and prepare for the Commvault® Professional Certification exams. This course is designed to improve your readiness to attain the Version 11 Commvault Professional Certification. The course will review key subject areas of the exam and the number of questions to expect in each area. Sample questions from the actual exam will be used to review, illustrate, and clarify each of the key subject areas. Supplemental study aids and activities will be recommended to further improve your readiness to attain the latest Commvault Professional Certification.

ADVANCED INFRASTRUCTURE DESIGN
Elevate your knowledge of Commvault® software and maximize the value of 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.

COMMVAULT® MASTER CLASS
The Commvault® Master Class and Certification is designed to educate and validate the deepest level of knowledge attainable for Commvault® administrators and engineers. Knowledge gained can be applied in advanced enterprise architecture, complex troubleshooting, and more comprehensive management of day-to-day activities. Training emphasis is placed on a concentrated understanding of advanced Commvault concepts including: enterprise storage design, Web-Scale IT, Information Governance, Enterprise Operations, and application protection design strategies. Master certification assesses knowledge acquired from the master class, validates the mastery of Commvault technologies, and allows those few who complete the program to stand apart from others in the industry.

COURSE AND CERTIFICATION CHANGES FOR VERSION 11
With the introduction of the new Advanced Infrastructure Design course and Engineer level certification, Education Services is streamlining its certification path. Specialist level training and certification offered in version 10, including the Disaster Recovery and Virtual Data Management are being retired as these subjects are considered core concepts and not specialties. For a comprehensive education experience, we recommend taking Professional level and Engineer level courses to best understand these subjects in the context of a full CommCell® environment.
Quick Reference

Commvault Education Services’ mission is to ensure that Commvault® software users are equipped with the knowledge essential to optimizing their investment in Commvault® software. You have the peace of mind that comes from knowing that Commvault provides the technical training and certification required to successfully deploy and maintain a secured and data protected environment.

### BENEFITS
- Ensure you are knowledgeable about all of the features and functionality within Commvault® software products to achieve an improved return on investment
- Develop a professional skill set to become a knowledge broker within your IT department
- Derive best value from your purchased software

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Course delivery methods may vary for certain regions. For Instructor-Led and Virtual Instructor-Led course schedules and availability go to: [https://ea.commvault.com/Education/Index](https://ea.commvault.com/Education/Index).
Quick Reference

Training Course Delivery Methods
Commvault instructors will deliver comprehensive and effective training for your team, where you need it and when you need it. Our experienced registrars can help you determine the best learning solution for you. Whether you choose a standard or customized curriculum, we can bring a fully equipped classroom to you. We can utilize our network of classroom facilities, or we can provide virtual training utilizing the latest web conferencing technologies.

Instructor-Led Training (ILT)
Our instructor-led training courses are held in a classroom environment, where you can interact with your peers and our certified instructors. These courses offer a hands-on approach to learning our Commvault software, allowing you the opportunity to ask questions and interact in a learning environment.

Virtual Instructor-Led Training (vILT)
Our virtual instructor-led training provides you with the opportunity to attend a live web-cast from the comfort of your office, while providing the same hands-on lab experience as the classroom. Take advantage of learning with our certified instructors, and other peers, during an established session date and time. Virtual instructor-led training reduces your travel expenses, while still providing you with real-time interaction with our instructors and your peers.

eLearning/Web-based Training (WBT)
Our web-based training courses are modular, self-paced, and interactive, offering the flexibility to learn whenever and wherever at your convenience. Single user and site licenses are available for all eLearning courses. Yet another cost-effective option that saves time and money by eliminating employee travel.

Private Training
Training without travel. With Commvault Private Training, customers can attend classes at their own facility. A fully-customized and customer-focused alternative for up to 18 employees, private training addresses specific customer goals and requirements. The solution delivers focused content and instructor interaction, through one instructor-led course, or a combination of the Commvault® Core Fundamentals course and a specialty course. Private training optimizes team interaction, information retention, and minimizes travel, offering an extremely productive education option.

Certified Training Instructors
Our instructors are trained and certified to the highest available standards. In addition to achieving certification on our standard courses, they undergo a comprehensive and rigorous train-the-trainer program which includes further classroom study, best practice delivery training and hands-on experience working with Commvault® software.

Our instructors have direct access to Commvault support and development communities, providing them access to the most up-to-date knowledge base for Commvault® software. All instructors are required to renew their certification on each version of Commvault® software.
Training Course Offerings

V11 New Features

Methods of Delivery
- Self-paced eLearning course (WBT)
- Virtual Instructor-Led course (vILT)
- Single User License - 180 Day Access
- Site License - unlimited local access

Description
Explore the exciting feature enhancements and additions to the next generation of Commvault® software. Learn about product changes and configuration options before upgrading your Commvault environment. This course focuses on feature changes including: security, indexing, deduplication, storage policies, and virtualization. In addition to this eLearning package, this course also includes the Commvault V11 Walkthrough supplemental guide.

The Single User License includes any service pack updates to the materials during your subscription period.

Who should take this course?
This course is intended for personnel who will be responsible for conducting day-to-day Commvault® software administrative activities.

Prerequisites
The Core Fundamentals and Implementation and Maintenance courses are recommended prior to attending this course.

Certification
Completion of this course helps you prepare for the Commvault V11 Core Fundamentals and Implementation and Maintenance upgrade exams.

Upon completion of this eLearning course you will be able to:
- Compare and contrast differences between user and group security, and the new role based security.
- Comprehend the concepts of Commvault V2 indexing structure.
- Learn Commvault deduplication enhancements including In Memory DDB, Four Partition policies, and Data Verification.
- Configure global secondary policies for efficient tape management.
- Learn the new VSA methodology for VM load distribution for enhanced backup performance.

"I was able to optimize our deduplication database performance and reliability using information gained in the Commvault course. Additionally, I was able to improve the backup environment, which has made it more reliable and highly available."
Training Course Offerings

Core Fundamentals

Methods of Delivery
• 3 Day instructor-led
• 3 Day virtual instructor-led course
• Core Fundamentals (WBT) (see Training Course Packages)

Description
Discover the essential concepts, details, and best practices for user security and management, media and library management, policy configuration and retention, as well as job activity and status monitoring. This 3-day course provides an efficient and effective way to manage data movement, such as backup, archive, auxiliary copy, and restore, within a CommCell® group. Achieve a core understanding of Commvault’s data and information management system and learn about the new feature enhancements to the next generation of Commvault® software.

Who Should Take This Course?
This course is intended for personnel responsible for day-to-day administration and management of Commvault® software.

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 Core Fundamentals registration, and is recommended to be completed prior to attending the Core Fundamentals course.

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

Course Outline

Module 1: CommCell® Administration
• CommCell® Administration Overview
• Security
• CommCell® Administrative Tasks

Module 2: Storage Configuration and Management
• MediaAgents
• Disk Storage
• Tape Storage
• Indexing
• Deduplication

Module 3: Storage Policies and Retention
• Storage Policies
• Retention

Module 4: Client Administration
• Client Tree Structure
• Commvault® Agents
• Subclients

Module 5: Data Protection and Recovery
• Data Protection
• Data Recovery

Module 6: Monitoring
• CommCell® Monitoring Resources
• Alerts
• Reports

Module 7: Working with Support
Training Course Offerings

CommCell® Administration

Method of Delivery
• This is a self-paced eLearning course (WBT)
• Single User License - 90 Day Access
• Site License - unlimited local access

Description
Discover the fundamental concepts of how to successfully manage Commvault® software. This self-paced eLearning course presents operational functions related to the CommCell® Console, user and role-based security, storage configuration, policy management, and CommCell update operations. Each lesson builds on previous topics so you gain a strong understanding of CommCell administration.

Who should view this eLearning course?
This course is intended for operations and administrative personnel who are new to Commvault® software and are responsible for day-to-day administration and management of CommCell® software.

Prerequisites
It is recommended that you watch the Welcome to Commvault® eLearning course prior to viewing CommCell Administration.

Certification
This course will help you prepare for the Commvault Professional Certification.

Upon completion of this eLearning course you will be able to:
• Comprehend the various components that make up a CommCell® environment.
• Log in, navigate, and customize the CommCell console.
• Know the CommServe® DR backup process and schedule DR backup operations.
• Create and configure users, roles, and security access permissions.
• Understand the Commvault® update process and configure update operations.

Storage Configuration and Media Management

Method of Delivery
• This is a self-paced eLearning course (WBT)
• Single User License - 90 Day Access
• Site License - unlimited local access

Description
Learn to successfully store and protect your enterprise data using the Commvault® storage and media management process. This self-paced eLearning course presents methods to configure storage resources, manage media by groups, move media in and out of the library, manage content on media, and track media offsite using Vault Tracker® technology. Each lesson presents storage concepts and well-rounded initiatives for protecting data in your CommCell® environment.

Who should view this eLearning course?
This course is intended for operations and administrative personnel who are new to Commvault® software and who work with day-to-day media handling operations.

Prerequisites
It is recommended that you watch the Welcome to Commvault® eLearning course prior to viewing Storage Configuration and Media Management.

Certification
This course will help you prepare for the Commvault Professional Certification.

Upon completion of this eLearning course you will be able to:
• List the various logical and physical locations for removable media.
• Plan MediaAgent placement and data path design.
• Understand and configure the different indexing structures.
• Detect and configure disk and tape libraries.
• Conduct physical import and export operations.
• Compare and contrast the different logical media pools.
• Create and execute a basic Vault Tracker policy.
Training Course Offerings

**Storage Policies - Concepts and Design**

**Method of Delivery**
- This is a self-paced eLearning course (WBT)
- Single User License - 90 Day Access
- Site License - unlimited local access

**Description**
Explore the concepts and design of Commvault® Storage Policies and learn about the lifecycle management rules for protecting all data in your environment. This self-paced eLearning course delves into Storage Policy configuration settings, including retention, deduplication, streams, data paths, secondary copies, and snap copy. Best Practices are on hand to offer insight on storage policy design and configuration, as well as how to manage your media efficiently.

**Who should view this eLearning course?**
This course is intended for operations and administrative personnel who are new to Commvault® software and oversee the enforcement and modification of data protection policies.

**Prerequisites**
It is recommended that you watch the Welcome to Commvault® eLearning course prior to viewing Storage Policies Concepts and Design.

**Certification**
This course will help you prepare for the Commvault Professional Certification.

Upon completion of this course you will be able to:
- Comprehend the concepts of Storage Policy design for deduplication and non-deduplication enabled Storage Policies.
- Configure Storage Policies using the Storage Policy Creation Wizard.
- Configure Storage Policy primary and secondary copies.
- Optimally configure Storage Policy stream resources.
- Perform administrative tasks for data protection jobs managed by Storage Policies.

**Client Administration**

**Method of Delivery**
- This is a self-paced eLearning course (WBT)
- Single User License - 90 Day Access
- Site License - unlimited local access

**Description**
Examine the methods to configure and protect client systems and the applications that reside on them. This self-paced eLearning course provides a conceptual overview of the Client tree structure within the CommCell® browser. Each lesson provides steps that are essential for configuring the client, agent, and subclient settings in your CommCell environment.

**Who should view this eLearning course?**
This course is intended for operations and administrative personnel who are new to Commvault® software and are responsible for configuring and managing clients within a CommCell® environment.

**Prerequisites**
It is recommended that you watch the Welcome to Commvault® eLearning course prior to viewing Client Administration.

**Certification**
This course will help you prepare for the Commvault Professional Certification.

Upon completion of this course you will be able to:
- Know the client tree structure and configuration options within each component of the tree.
- Configure basic client property settings.
- Create and configure agent subclients.
- View schedules for data protection and recovery operations.
Training Course Offerings

Data Protection and Recovery

Method of Delivery
• This is a self-paced eLearning course (WBT)
• Single User License - 90 Day Access
• Site License - unlimited local access

Description
Develop a broad understanding of data protection and recovery, and review the advanced technologies used by Commvault® software. This self-paced eLearning course covers essential concepts regarding configuration and execution of data protection and recovery functions, including job types such as backup, auxiliary copies, synthetic and DASH Full, as well as job priorities. Each lesson builds on previous topics so you gain a strong understanding of why and how to protect and recover your data.

Who should view this eLearning course?
This course is intended for operations and administrative personnel who are new to Commvault® software and work with Commvault® software to support daily data protection and recovery operations.

Prerequisites
It is recommended that you watch the Welcome to Commvault® eLearning course prior to viewing Data Protection and Recovery.

Certification
This course will help you prepare for the Commvault Professional Certification.

Upon completion of this course you will be able to:
• Understand the Commvault® backup and recovery processes.
• Compare and contrast the various recovery methods available in Commvault® software.
• Configure and execute data protection and recovery operations.
• Create and configure job schedules and schedule policies.

Monitoring a CommCell® Environment

Method of Delivery
• This is a self-paced eLearning course (WBT)
• Single User License - 90 Day Access
• Site License - unlimited local access

Description
Monitor all activity within your CommCell® environment with Commvault® software’s built-in tracking capabilities. This self-paced eLearning course presents lessons on how to monitor the CommCell® environment using native monitoring tools, configure alerts, and configure various reports to view relevant information.

Who should view this eLearning course?
This course is intended for operations and administrative personnel who are new to Commvault® software and who are responsible for reporting on CommCell® activity, whether through the console or integration with third-party products.

Prerequisites
It is recommended that you watch the Welcome to Commvault® eLearning course prior to viewing Monitoring a CommCell® Environment.

Certification
This course will help you prepare for the Commvault Professional Certification.

Upon completion of this course you will be able to:
• List the various methods for monitoring a CommCell® environment.
• Use the CommCell® console to actively monitor jobs and media resources.
• Configure CommCell® alert parameters and recipients.
• Configure and schedule CommCell® reports.
Training Course Offerings

Implementation and Maintenance

Methods of Delivery
• 2 Day instructor-led
• 2 Day virtual instructor-led
• Implementation and Maintenance (WBT) (see Training Course Packages)

Description
Advance your Commvault® expertist with a review of the next generation feature enhancements to Commvault® software. Sharpen your expertise with a technical overview of architectural considerations, resource planning requirements, and installation options for deploying Commvault® software. This 2 day course provides configuration best practices and performance-enhancement techniques, as well as troubleshooting tools and processes that can help identify causes of and solutions for common problems.

This course can be delivered in combination with our 3 Day Core Fundamentals course.

Who Should Take This Course
This course is intended for operations and administrative personnel responsible for ongoing configuration and troubleshooting of Commvault® software.

Prerequisites
The Core Fundamentals course is recommended prior to attending this course.

Certification
Completion of this course helps you prepare for the Commvault® Professional Certification. The Implementation and Maintenance exam is included at no additional charge as a part of the Implementation and Maintenance course registration.

Course Outline

Module 1: Designing a CommCell® Environment
*This may also be purchased as an eLearning (WBT)
• Next Generation Platform Overview
• Storage Platform
• Data Protection Planning
• Virtual Environment Data Protection Design

Module 2: CommCell® Deployment and Configuration
*This may also be purchased as an eLearning (WBT)
• CommCell® Deployment
• Client Agent Deployment Methods

Module 3: Data Security and Network Control
*This may also be purchased as an eLearning (WBT)
• Network Control
• Firewall Configuration
• Data Encryption

Module 4: Performance Tuning
*This may also be purchased as an eLearning (WBT)
• Performance Primer
• Stream Management

Our virtual instructor-led training provides you with the opportunity to attend a live web-cast from the comfort of your office.
Training Course Offerings

Designing a CommCell® Environment

Method of Delivery
- This is a self-paced eLearning course (WBT)
- Single User License - 90 Day Access
- Site License - unlimited local access

Description
This self-paced eLearning course focuses on the Common Technology Engine (CTE) component design, a scalable deduplication design for storage, GridStor® technology, and data protection strategies for physical and virtual data protection.

Who should view this eLearning course?
This course is designed for experienced administrators and engineers who are planning to deploy a new CommCell® environment or enhance an existing environment.

Prerequisites
The Core Fundamentals course is recommended prior to attending this course.

Certification
Completion of this course helps you prepare for the Commvault® Professional Certification.

Upon completion of this course you will be able to:
- Plan placement and scalability requirements for MediaAgents.
- Design a scalable deduplication solution using different storage connection devices.
- Plan and implement a sound data protection strategy for disaster recovery, data recovery, and compliance.
- Design a virtual data protection strategy using the Virtual Server Agent (VSA).

CommCell® Deployment and Configuration

Method of Delivery
This is a self-paced eLearning course (WBT)
Single User License - 90 Day Access
Site License - unlimited local access

Description
This self-paced eLearning course provides valuable information including best practices for installing and configuring the CommServe® server, MediaAgents, basic disk and tape libraries, and client agents.

Who should view this eLearning course?
This course is designed for experienced administrators and engineers who are installing CommCell® components, detecting libraries, and configuring policies.

Prerequisites
The Core Fundamentals course is recommended prior to attending this course.

Certification
Completion of this course helps you prepare for the Commvault® Professional Certification.

Upon completion of this course you will be able to:
- Implement the processes to download Commvault® software.
- Know the procedures for deploying a new CommCell® environment.
- Install and configure the CommServe® server, MediaAgents and index caches.
- Install and configure disk and tape libraries.
- Configure deduplication-enabled storage policies.
- Know the methods for deploying client agents.
Training Course Offerings

Data Security and Network Control

Method of Delivery
- This is a self-paced eLearning course (WBT)
- Single User License - 90 Day Access
- Site License - unlimited local access

Description
This self-paced eLearning course provides valuable information on how to design and configure firewall security settings and manage Commvault® data movement over production and backup networks. Acquire the knowledge to successfully secure your data and network environment with Commvault® firewall technologies, encryption and network control. This course focuses on a conceptual understanding of the Commvault network and security design, and CommCell® configurations for firewalls, data interface pairs, network throttling, and stream management.

Who should view this eLearning course?
This course is designed for experienced administrators and engineers who are responsible for data security across production and backup networks.

Prerequisites
The Core Fundamentals course is recommended prior to attending this course.

Certification
Completion of this course helps you prepare for the Commvault Professional Certification.

Upon completion of this course you will be able to:
- Configure one-way and two-way firewalls.
- Configure proxy and gateway firewall options.
- Set network throttling for clients and client groups.
- Configure data interface pairs.

Performance Tuning

Method of Delivery
- This is a self-paced eLearning course (WBT)
- Single User License - 90 Day Access
- Site License - unlimited local access

Description
This self-paced eLearning course provides techniques to measure performance tuning that results in more efficient data protection and recovery operations. Develop strategies for improving data movement performance and gain an in-depth understanding of stream management configuration for backup to disk and tape storage.

Who should view this eLearning course?
This course is designed for experienced administrators and engineers who are interested in maximizing backup and recovery performance.

Prerequisites
The Core Fundamentals course is recommended prior to attending this course.

Certification
Completion of this course helps you prepare for the Commvault Professional Certification.

Upon completion of this course you will be able to:
- Establish backup and recovery performance benchmarks.
- Describe data readers, job streams, and device streams and how they can be configured to improve backup performance.
- Apply additional parameters to improve performance within certain environmental conditions.

“Commvault training enabled me to use functions that I was previously unaware of and to ‘tweak’ some configurations for better throughput.”
Training Course Offerings

Advanced Infrastructure Design

Method of Delivery
• This course is available as a 3-Day Virtual Instructor-Led or Instructor-Led training

Description
Elevate your knowledge of Commvault® software and maximize the value of 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 Serve 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 Take This Course?
This course is intended for personnel responsible for advanced configuration, administration, and management of Commvault® software.

Prerequisites
It is required to have attended either:
• Version 10 Core Fundamentals, and
• Implementation and Maintenance, and
• V11 New Features
or
• Version 11 Core Fundamentals, and
• Implementation and Maintenance

Certification
Completion of this course helps you prepare for the Advanced Infrastructure Design exam.

Course Outline

Module 1: CommCell® Environment Design
• CommCell design
• CommServe® design
• MediaAgent scaling
• Indexing scaling

Module 2: Storage Design
• Storage infrastructure design
• GridStor® technology
• SAN Data Server
• Cloud computing and storage
• Deduplication design
• Storage Policy design

Module 3: Virtualization
• Virtualization primer
• Virtual Server Agent backup process
• Virtual Server Agent roles
• Transport modes
• Virtual Server Agent configuration

Module 4: IntelliSnap® Technology
• IntelliSnap technology overview
• Hardware snapshot methods
• IntelliSnap for VSA
• IntelliSnap configuration

Module 5: Application Protection
• Application protection overview
• Agent based protection
• VSA application aware backup
• IntelliSnap for VSA
• Additional application protection methods

Module 6: Performance
• 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
Training Course Offerings

Disaster Recovery - Design and Implementation

Methods of Delivery
- 2 Day instructor-led
- 1 Day virtual instructor-led

Description
This course addresses topics ranging from general disaster recovery concepts and terminology to specific planning and recovery steps using tools and technologies relevant to Commvault® software. Students are instructed on ways to identify risk factors affecting all CommCell® components as well as suggested response levels and approaches that help reduce the potential impact to production environments.

Who should take this course?
This course is intended for administrators, engineers and other personnel who have completed Core Fundamentals. It is designed for those responsible for disaster recovery planning and implementation using Commvault® software.

Prerequisites
The Core Fundamentals course is recommended prior to attending this course.

Certification
- Completion of this course helps you prepare for the Commvault Specialist Certification.
- The Commvault Certified Specialist - Disaster Recovery exam is included at no additional charge as a part of the Disaster Recovery course registration.

Private training optimizes team interaction, information retention, and minimizes travel.

Course Outline

Module 1: CommCell® Planning
- Essential Commvault Components
- Bullet-Proofing the CommServe® Server
- MediaAgents, Libraries and Media Management
- Special Commvault Considerations

Module 2: Data Protection Planning
- Storage Design Options
- Protection Technologies
- Protection Methods and Frequency
- Managing Content
- Media and Stream Considerations
- Special Settings & Considerations

Module 3: Getting Back to Production
- Disaster Recovery Kit
- CommCell® Recovery Process
- Recovering CommServe Server
- Rebuilding MediaAgents
- Rebuilding Libraries
- Client Recovery
- Additional Options & Considerations

Module 4: Best Practices and Practical Experiences
- Disaster Recovery Strategies
- DR Analysis
- Disaster Levels and Effects on SLAs
- Misguided Experiences
- How Commvault can Help
- Commvault Tips and Tricks
Training Course Offerings

Virtual Data Management

Methods of Delivery
• 2 Day instructor-led
• 1 Day virtual instructor-led

Description
This course covers Commvault® software’s support for Virtualized data in VMware and Microsoft Hyper-V environments. In this instructor-led course students will learn the underlying concepts, use cases, and best practices for configuring and deploying Commvault® software’s features designed for virtual data management. The course will cover requirements, installation, and recommended configuration of Virtual Server Agents, VM Archiving Policies, IntelliSnap® feature and Virtualize Me functions. Students will be led through practical use cases and provided best practices for configuration and operation of these features in their environment.

Who should take this course?
This course is intended for administrators, engineers and other personnel responsible for installation and configuration of Virtual Server Agents, VM Archiving Policies, IntelliSnap® features and Virtualize Me functions.

Prerequisites
The Core Fundamentals course is recommended prior to attending this course.

Certification
• Completion of this course helps you prepare for the Commvault Specialist Certification.
• The Commvault Certified Specialist - Virtualization exam is included at no additional charge as a part of the Virtual Data Management course registration.

"Commvault training helped me find smarter ways of doing a lot of the things I already do on a daily basis."
Training Course Offerings

Commvault Edge® Administration

Methods of Delivery
- This is a self-paced eLearning course (WBT)
- Single User License - 90 Day Access
- Site License - unlimited local access

Description
This self-paced eLearning course is intended for administrators who will be deploying and administering the Commvault Edge® data protection feature. This course is designed as a stand-alone course for an administrator to gain knowledge on navigating the CommCell® console, configuring Commvault Edge® data security, deploying end user workstation agents, configuring backup operations and recovering end user data.

Who should view this eLearning course?
This course is intended for administrators and others who need to know how to deploy and administer the Commvault Edge® data protection feature.

Prerequisites
The Introduction to Commvault® software eLearning course is recommended prior to attending this course.

Certification
The completion of this course does not apply towards a certification level.

Upon completion of this course you will be able to:
- Configure end user security, set client owners and enable data loss prevention.
- Deploy Commvault Edge® data protection agents and configure subclient policies.
- Enable automatic backup schedules using schedule policies.
- Recover end user data using browse, find, web and mobile devices.

Help Desk Operator

Method of Delivery
- This is a self-paced eLearning course (WBT)
- Single User License - 90 Day Access
- Site License - unlimited local access

Description
This self-paced eLearning course is intended for personnel who will be responsible for conducting day-to-day Commvault® software administrative activities. This course provides conceptual explanations of CommCell® components including the CommServe® server, MediaAgents, Clients and Storage Policies. It explains the navigation and customization of the CommCell console, backup and recovery processes, how to run and schedule jobs, view job histories, and various method to recover data.

Who should view this eLearning course?
This course is intended for personnel who will be responsible for conducting day-to-day Commvault® software administrative activities.

Prerequisites
It is recommended that you watch the Welcome to Commvault® eLearning course prior to viewing Help Desk Operator.

Certification
The completion of this informational course does not apply towards a certification level.

Upon completion of this course you will be able to:
- List and explain the various components that make up a CommCell environment.
- Navigate and customize the CommCell console.
- Execute and schedule data protection and recovery operations.
- Understand the basic concepts of Storage Policies and retention.
- Manage tape media in logical and physical media pools.
- View and create reports and alerts.
Training Course Offerings

Deduplication

Method of Delivery
- This is a self-paced eLearning course (WBT)
- Single User License - 90 Day Access
- Site License - unlimited local access

Description
This self-paced eLearning course is comprised of two parts. The first part – Concepts and Design is intended for personnel working with the Commvault® Deduplication feature. This course covers concepts based on deduplication building block guidelines to plan and design a comprehensive deduplication solution for both disk and tape storage. It provides administrators with in-depth knowledge for configuring Dedicated and Global Deduplication Storage Policies, Client Side Deduplication, Tape SILO storage, DASH Full and DASH Copy operations.

Who should view this eLearning course?
This course is intended for personnel who will be working with the Commvault® Deduplication feature, including planning, design, installation, configuration, and operational tasks.

Prerequisites
The Core Fundamentals course is recommended prior to attending this course.

Certification
Completion of this course helps you prepare for the Commvault Specialist Certification.

Upon completion of this course you will be able to:
- List and explain the various components that make up the Commvault® Deduplication engine.
- Understand the Commvault® building block guidelines and minimum system requirements to properly implement and scale a deduplication solution.
- Design a Deduplication solution using Global and Dedicated Deduplication Storage Policies.

The second part of this course – Configuration and Administration covers installation, configuration, and operation tasks pertaining to Commvault® Deduplication. It also covers the associated Single Instance Library Option (SILO) storage option that extends deduplication onto tape. Additionally, the course presents recommended best practices for achieving optimum benefits from deduplication and SILO storage features.

Upon completion of this course you will be able to:
- Configure both Global and Dedicated Deduplication Storage Policies.
- Configure subclient and Storage Policy Deduplication settings.
- Identify the proper methods to protect the Deduplication Database.
- Conduct various Deduplication administrative tasks.
Training Course Offerings

Virtual Environment Protection

Method of Delivery
• This is a self-paced eLearning course (WBT)
• Single User License – 90 Day Access
• Site License - unlimited local access

Description
This self-paced eLearning course is comprised of two parts. The first part – Concepts and Design is intended for personnel planning to work with the Commvault Virtual Server Agent (VSA). This course covers concepts, design considerations and various strategies for protecting both VMware® and Microsoft® virtual environments. It provides administrators practical instruction for using the VSA, IntelliSnap® Technology, and traditional agents to provide a comprehensive protection strategy.

Who should view this eLearning course?
This course is intended for personnel who are planning to work with the Commvault Virtual Server Agent (VSA), as well as those responsible for protecting VMware® and Microsoft® virtual environments.

Prerequisites
The Core Fundamentals course is recommended prior to attending this course.

Certification
Completion of this course helps you prepare for the Commvault Specialist Certification.

Upon completion of this course you will be able to:
• Understand concepts of virtual environment protection using various agents.
• Understand the Virtual Server Agent (VSA) and how to deploy it to protect both VMware and Hyper-V environment.
• Compare and contrast the different VMware transport modes used to protect virtual machines.
• Design a complete virtual data protection strategy using VSA, IntelliSnap® technology and application agents installed in virtual machines.

The second part of this course – Configuration and Administration covers VSA configuration, backup and recovery, monitoring and best practices for protecting both VMware® and Microsoft® virtual environments. It provides administrators practical instruction on configuring hypervisor instances, backup sets, and subclients, as well as proper procedures for backing up and recovering entire virtual machines, volumes, and individual files and folders.

Upon completion of this course you will be able to:
• Properly deploy and configure the Virtual Server Agent (VSA) on both physical and virtual hosts.
• Configure VSA instances, data sets and subclients.
• Properly identify and configure virtual machines and virtual disk filters.
• Conduct virtual machine backups using the Virtual Server Agent.
• Browse and recover virtual machines, virtual disks and data within virtual machines.

Our instructors are trained and certified to the highest available standards.
Training Course Offerings

eDiscovery Compliance Search

Method of Delivery
- This is a self-paced eLearning course (WBT)
- Single User License - 90 Day access
- Site License - unlimited local access

Description
This self-paced eLearning course is intended for personnel working within a legal framework who are directly or indirectly responsible for data search and discovery. This course provides a conceptual overview of information management strategies, how Commvault® software manages information, and how information can be discovered through the web search interface. A thorough explanation of how to use the web search interface, including basic and advanced search, review sets, legal holds, export sets, and the query builder is covered. Detailed explanations for conducting searches, including real world examples for e-mail and file search, is included to provide compliance search teams with in-depth training on the Commvault® compliance web search interface.

Who should view this eLearning course?
This course is intended for personnel working within a legal framework who are directly or indirectly responsible for data search and discovery.

Prerequisites
None are required.

Certification
Completion of this course does not apply to any Commvault Certification level.

Upon completion of this course you will be able to:
- Understand and navigate the web search interface.
- Conduct basic searches and manage search results.
- Conduct advanced queries using the advanced search interface.
- Create and manage review sets, legal hold sets and export sets.

Disaster Recovery - eLearning

Method of Delivery
- This is a self-paced eLearning course (WBT)
- Single User License - 90 Day access
- Site License - unlimited local access

Description
This self-paced eLearning course addresses topics ranging from general disaster recovery concepts and terminology to specific planning and recovery steps using tools and technologies relevant to Commvault® software. Students are instructed on ways to identify risk factors affecting all CommCell® components as well as suggested response levels and approaches that help reduce the potential impact to production environments.

Who should view this eLearning course?
This course is intended for administrators, engineers and other personnel who are responsible for disaster recovery planning and implementation using Commvault® software.

Prerequisites
The Core Fundamentals course is recommended prior to viewing this course.

Certification
- Completion of this course helps you prepare for the Commvault Specialist Certification.
- The Commvault Certified Specialist - Disaster Recovery exam is included at no additional charge as a part of the Disaster Recovery course registration.
Training Course Offerings

**Snapshot Technology**

**Method of Delivery**
- This is a self-paced eLearning course (WBT)
- Single User License - 90 Day Access
- Site License – unlimited local access

**Description**
This self-paced eLearning course is comprised of two parts. The first module – Concepts and Design – covers all basic concepts of a CommCell® architecture including: using the CommCell® console, clients, and storage policies; along with snapshot concepts, how the IntelliSnap® feature integrates with hardware snapshot technology, and best practices. It provides administrators with practical knowledge on how to design a strategy for protecting application databases, file systems, and virtual environments using the IntelliSnap® feature.

Upon completion of this module, the learner will be able to perform the following key tasks:
- Compare and contrast various snapshot technologies
- List the Commvault components required to conduct and manage snapshots
- Understand best practices and use cases for implementing IntelliSnap® technology

The second part of this course – Configuration and Administration – is intended for personnel planning to configure and administer hardware snapshots using the Commvault® IntelliSnap® feature. This course covers array, storage policy, agent, and subclient configurations. It provides administrators with practical instructions on how to configure, conduct, and manage snapshots within a CommCell® environment.

Upon completion of this module, the learner will be able to perform the following key tasks:
- Step through the process of enabling subclient and storage policy for IntelliSnap® snapshot operations.
- Schedule and execute snapshot operations.
- Manage snapshots by mounting, reverting and restoring snapshot data.

Who should view this eLearning course?
This course is intended for personnel who are planning to work with Commvault® IntelliSnap features to conduct and manage hardware-based snapshots.

**Prerequisites**
The Core Fundamentals course is recommended prior to attending this course.

**Certification**
Completion of this course helps you prepare for the Commvault Specialist Certification.

**Workflow Fundamentals**

**Method of Delivery**
- 2 Day virtual instructor-led

**Description**
This course is designed to provide a basic understanding of the Commvault® Workflow engine. This course introduces concepts including common workflow activities, user interactions, data flow and variables, using Qcommands, error checking, and using XML input files. Upon completion of this course the learner will be able to construct basic workflows to control and validate job activities, modify client entity settings, and log events in the event viewer and through Email.

Who should take this course?
This course is intended for personnel who have completed the Core Fundamentals course and need to understand and utilize basic workflows for managing job activities and events.

**Prerequisites**
The Core Fundamentals course is recommended prior to viewing this course.

**Certification**
Completion of this course helps you prepare for the Commvault Specialist Certification.
Commvault® Master Class

Method of Delivery
- This is a 5 Day instructor-led course

Description
The Commvault® Master Class and Certification is designed to educate and validate the deepest level of knowledge attainable for Commvault administrators and engineers. Knowledge gained can be applied in advanced enterprise architecture, complex troubleshooting, and more comprehensive management of day-to-day activities. Training emphasis is placed on a concentrated understanding of advanced Commvault® features including: virtualization, deduplication, snapshot management, backup / archiving, retention, CTE processes, and log file analysis. Master certification assesses knowledge acquired from the master class, validates the mastery of Commvault technologies, and allows those few who complete the program to stand apart from others in the industry.

Who should take this course?
This course is intended for administrators and engineers who require a comprehensive understanding of advanced Commvault® features, including virtualization, deduplication, snapshot management, backup / archiving, retention, CTE processes, and log file analysis.

Prerequisites
- Required minimum of 18+ months working with Commvault® software.
- Required Commvault® Certified Specialist on Commvault® 10 software.

Certification
- Completion of this course helps you prepare for the Commvault® Master Certification.
- The Commvault® Master Certification Exam is included at no additional charge as a part of the Commvault® Master Class course registration.

Course Outline
Module 1: Common Technology Engine
- Course overview and objectives
- CTE Primer
- CommServe® Server
- MediaAgent and indexing
- Storage policies

Module 2: Storage Design
- Library primer
- Storage design strategies

Module 3: Deduplication
- Deduplication primer
- Deduplication database
- Partitioned DDB
- Deduplication data movement
- Aging deduplicated data
- Deduplication storage policies
- SILO storage
- Deduplication design strategies

Module 4: Snapshots
- Snapshot technologies
- Configuring and administering IntelliSnap feature
- IntelliSnap® design strategies

Module 5: Virtualization
- Virtual technology primer
- Protecting VMware®
- Protecting Hyper-V®
- Virtualization design strategies
- Module 6: Data Management

Data Movement
- Data protection and recovery process
- Job and item based retention
- Performance Tuning
- Data security
- Client and Agent Configurations
- Commvault® OnePass™ Technology
- Data and Information Management

Module 7: Course Review and Exam Prep
- Discussion on subjects and concepts covered
- Exam Prep
- Master Certification Exam
Training Course Packages

THE FOLLOWING TRAINING COURSE PACKAGES ALLOW YOU TO TAKE A SERIES OF ELEARNING COURSES AT A REDUCED PRICE.

Core Fundamentals Passport

Method of Delivery
• These are self-paced eLearning courses (WBT)
• Single User License - 90 Day Access
• Site License - unlimited local access

Description
The Core Fundamentals Passport provides you with access to the seven eLearning courses below along with eight (8) hours of connection time to the Commvault Virtual Lab (CVLab) environment. The CVLab may be accessed any number of times over the 90 day single user license access period. Connection time is automatically accumulated when accessing the CVLab:
• CommCell® Administration
• Client Administration
• Storage Policies - Concepts and Design
• Data Protection and Recovery
• Storage Configuration and Media Management
• Monitoring a CommCell® Environment
  (No substitutions)

Prerequisites
See individual course descriptions.

Implementation & Maintenance Passport

Method of Delivery
• These are self-paced eLearning courses (WBT)
• Single User License - 90 Day Access
• Site License - unlimited local access

Description
The Implementation and Maintenance Passport provides you with access to the four eLearning courses below along with eight (8) hours of connection time to the Commvault virtual lab (CVLab) environment. The CVLab may be accessed any number of times over the 90 day single user license access period. Connection time is automatically accumulated when accessing the CVLab:
• Designing a CommCell® Environment
• CommCell® Deployment and Configuration
• Data Security and Network Control
• Performance Tuning

Prerequisites
See individual course descriptions.

Commvault® v9 Passport

Method of Delivery
• These are self-paced eLearning courses (WBT)
• Single User License - 90 Day Access
• Site License - unlimited local access

Description
The Commvault® V9 Passport provides you with access to the following eLearning courses:
• Commvault® System Administration
• Commvault Help Desk Operator
• Commvault IntelliSnap® (formerly known as SnapProtect)

Prerequisites
See individual course descriptions.

Commvault® v10 Passport

Method of Delivery
• These are self-paced eLearning courses (WBT)
• Single User License - 1 Year Access
• Site License - unlimited local access

Description
The Commvault® v10 Passport provides you with access to the following eLearning courses:
• CommCell® Administration
• Client Administration
• Storage Policies - Concepts and Design
• Data Protection and Recovery
• Storage Configuration and Management
• Monitoring a CommCell® Environment
• Deduplication
• Virtual Environment Protection
• eDiscovery Compliance Search
• Snapshot Technology
• Help Desk Operator
• Performance Tuning (No substitutions)
• Designing a CommCell® Environment
• CommCell® Deployment & Configuration
• Commvault Edge®
• Data Security and Network Control
• Disaster Recovery

Prerequisites
See individual course descriptions.
Commvault® v11 Passport

Method of Delivery
- These are self-paced eLearning courses (WBT)
- Single User License - 1 Year Access
- Site License - unlimited local access

Description
The Commvault® v11 Passport provides you with access to the following eLearning courses:
- V11 New Features
- CommCell® Administration
- Client Administration
- Storage Policies
- Data Protection and Recovery
- Monitoring a CommCell® Environment
- Storage Configuration and Media Management
- Designing a CommCell® Environment
- CommCell® Deployment & Configuration
- Data Security and Network Control
- Performance Tuning
- Help Desk Operator
- Commvault Edge® Administration
- Deduplication
- Virtual Environment Protection
- Disaster Recovery
- Snapshot Technology
- eDiscovery Compliance Search

Prerequisites
See individual course descriptions.

Includes Core Fundamentals, Implementation & Maintenance, and Virtual Data Management online exams.

V11 Updates
Some titles have not yet been refreshed with the latest V11 information; as these courses become updated, you will have immediate access, via this license.

Commvault® Certified Professional Exam Prep

Method of Delivery
- 1-day virtual instructor-led training.

Description
Review and prepare for the Commvault® Professional Certification exams. This course is designed to improve your readiness to attain the Version 11 Commvault Professional Certification. The course will review key subject areas of the exam and the number of questions to expect in each area. Sample questions from the actual exams will be used to review, illustrate, and clarify each of the key subject areas. Supplemental study aids and activities will be recommended to further improve your readiness to attain the latest Commvault Professional Certification.

This course is appropriate for those attending the latest V11 Core Fundamentals and Implementation and Maintenance courses, needing additional review and assistance in preparing for the V11 Commvault Professional Certification exams. This course is also appropriate for those who hold the Version 10 Professional Certification, attended the V11 New Features course and need additional assistance and review prior to attempting the V11 Professional upgrade exam.

Prerequisites
It is required to have attended either:
- Version 10 Core Fundamentals and Implementation and Maintenance courses, along with the V11 New Features course.
  or
- Version 11 Core Fundamentals and Implementation and Maintenance course.

“Goes without saying, there was a huge impact on productivity, resources, and budget with Commvault training.”
Commvault Certification Program

Commvault’s Certification Program validates expertise and advanced knowledge in topics including Commvault Core Fundamentals, Implementation and Maintenance, and more advanced Specialist, Engineer and Master technologies. Certification is a valuable investment for both a company and the IT professional. Certified personnel can increase a company’s productivity, reduce operating costs, and increase potential for personal career advancement.

Commvault’s Certification Program offers Professional-level, Engineer-level, and Master-level certifications. This Program provides certification based on a career path, and enables advancement based on an individual’s previous experience and desired area of focus. It also distinguishes higher-level certifications such as Engineer and Master from lower-level certification as a verified proof of expertise.

Key Points

- Certification is integrated with and managed through Commvault’s online registration in the Education Advantage Customer Portal.
- Cost of certification registration is included in the associated training course.
- Practice assessments are given in class at the end of each module.
- A Commvault Certified Professional Exam Prep course is also available.
- Students may take the online certification exam(s) any time after completing the course.
- Although it is recommended to attend training prior to attempting an exam, it is not required.

OUR CERTIFICATION PROGRAMS REQUIRE HANDS-ON EXPERIENCE WORKING WITH OUR COMMVAULT® SOFTWARE. THE COMMVAULT TRAINING COURSES, BY THEMSELVES, WILL NOT PREPARE YOU TO PASS THE CERTIFICATION EXAMS REQUIRED TO ATTAIN YOUR COMMVAULT CERTIFICATION.
Commvault Certification Program

Commvault Version 11 Certification Exams

Available Commvault Version 11 Certification Exams:
- Core Fundamentals
- Implementation and Maintenance
- V11 Professional Upgrade Exam
- Advanced Infrastructure Design

Upcoming Version 11 Certification Exams:
- Virtualization Specialist (beginning June, 2016)
- Commvault Master Exam (beginning June, 2016)
- Master Exam Upgrade Test (beginning June, 2016)

Retired Exams:
- Disaster Recovery Specialist

To see the current schedule of Certification Exams, visit Commvault’s Education Advantage Portal.

Upgrading Your Certification from V10

Those individuals who are certified as a V10 Professional are eligible to take a Professional upgrade exam. There will not be individual upgrade exams for the Core Fundamentals or the Implementation and Maintenance exams.

Those individuals who are certified as a V10 Master are eligible to take the Master upgrade exam. The requirements to re-certify as a Professional are waived for this certification level.

How to Register for an Exam

There are two easy ways to register for and take an online Commvault certification exam. Choose the scenario below that best fits your situation. For questions regarding certification, contact your regional registrar.

For technical questions regarding access to examinations or certificates, contact our application support team at EA_Apps@Commvault.com.

Commvault Certified Professional, Engineer, or Master

Steps to Take

Attend a Class and Take the Free Online Exam
1. Register for any class offered in our Online Course Catalogs worldwide from the Education Services page. Each instructor-led class includes one free online exam.
2. On the start date and time of the class a link to the online exam(s) will automatically appear in your Education Advantage profile. You may start the exam(s) at any time. We highly recommend that you complete the respective class before attempting to take an exam. Each exam must be completed in a single session and only one free opportunity per exam is provided.

Purchase an Online Exam
1. Online exams are offered in our Online Course Catalogs worldwide from the Education Services page. Click on the catalog link for your area of the world.
2. Click on the Certification Exams link or corresponding tab.
3. Once you register and complete the payment process for an exam, a link to the online exam will appear in your Education Advantage profile. Detailed instructions are included in the confirmation email that is sent to you when your payment is validated.

Note: If you are paying by any payment method other than Credit Card, your registration is initially placed in an “In Progress” status. Your exam link will not become available until payment is received and your registration changed to “Confirmed” status. Confirmation should normally be received within two business days, but may take longer. Please contact your local registrar if you have not received confirmation within five business days.
Certification Levels

Commvault Certified Professional

Attaining your Commvault Certified Professional certification will add value to your company — companies employing certified professionals open less support tickets and maximize the return on their investment in Commvault® software and demonstrate your commitment by achieving formal recognition for your skills. Professional Certification is the entry point to a program of certification at increasing levels of skill and expertise.

Description

A Commvault Certified Professional certification validates the skills required to install, configure, and administer a CommCell® environment. It proves a professional level skillset in all of 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.

Prerequisite

Certification status as a Commvault Certified Professional requires passing two exams:

- Commvault® Core Fundamentals
- Implementation and Maintenance exams

Core Fundamentals Certification Exam

The Commvault® Core Fundamentals Online Exam assesses the candidate’s level of comprehension for:

- Basic user and system administration tasks for secure data management.
- Configuration and management of storage policies, data retention, and protection options for protecting data.
- Configuration and role of agents, data sets, and subclients in defining protected data requirements.
- Understanding data movement and storage options with various types of libraries and media.
- Scheduling, executing, and managing jobs for protecting and recovering data.
- Management of media both inside and outside of libraries.
- Options for restoration and recovery of data, systems, and applications.
- Monitoring, reporting, and alerting on system events.

Implementation and Maintenance Certification Exam

The Commvault® Implementation and Maintenance Online Exam assesses the candidate’s level of comprehension for:

- Planning and designing a data management solution.
- Installation requirements and best practices for software components and libraries.
- Effective and proper use of available tools for identifying and resolving problems and performance.
- Identification of performance issues and options to improve performance.
- Understanding of common problems and solutions, and the methodology for identifying and resolving problems that may occur.
Certification Levels

Commvault Certified Specialist
As you continue to build upon your Commvault® expertise, the Commvault Certified Specialist certification will demonstrate your enhanced skill set. Specialist Certification recognizes the additional experience and understanding required to work with advanced Commvault® solutions.

Description
A Commvault Certified Specialist validates advanced skills in a specific area of expertise:

- **Virtualization** — This exam validates expertise in protecting and managing virtual environments using the Commvault® Virtual Server Agent, application agents, hardware snapshots, Virtualize Me and VM lifecycle policies.

Prerequisite
Certification status as a Commvault Certified Specialist requires prior certification as a Commvault Certified Professional and passing the Virtual Data Management exam.

Commvault Certified Engineer
As you continue to enhance your Commvault® expertise, the Commvault Certified Engineer certification will be evidence of the additional experience and understanding required to design and implement advanced Commvault® solutions.

Description
A Commvault Certified Engineer certification validates advanced level skills in designing and implementing Commvault software:

- **Advanced Infrastructure Design** — this exam validates expertise in deploying medium and enterprise level CommCell® environments with a focus on storage design, virtual environment protection, and application data protection strategies.

Prerequisite
Certification status as a Commvault Certified Engineer requires prior certification as a Commvault Certified Professional and passing the Advanced Infrastructure Design exam.

"With my Commvault training, I was able to reduce my SLA from the mid-80th percentile to the high 90s."
— System Administrator
Large Enterprise Industrial Manufacturing Company
Certification Levels

Commvault Certified Master

Achieve your industry expert certification level with our Commvault Master Certification. As the leading data management software in the industry, your Master Certification will demonstrate the breadth and depth of your Commvault® expertise at the highest level.

Prerequisite
A current certification status as a Commvault Certified Professional and as a Commvault Certified Specialist.

Description
A Commvault Certified Master validates expert-level skills in specific areas of expertise. This is the highest achievable level of certification.

Certification status as a Commvault Certified Master level requires certification as both a Commvault Certified Professional and Commvault Certified Specialist, and successful completion of Master certification requirements. These Master certification requirements include attending a Master class and passing the Master Certification exam.

Additional benefits of attaining the Master Certification include:

- Opportunity to attend free, invitation-only training events
- Opportunity to attend free, early-release training courses

Whether you choose a standard or customized curriculum, we can bring a fully equipped classroom to you.

Commvault Certified Master Exam

The Commvault Certified Master Exam assesses the candidate’s level of comprehension for:

- Advanced design strategies for CommServe® server, MediaAgents and library configuration.
- Processes and log file interpretation.
- Advanced deduplication architecture, administration and troubleshooting.
- IntelliSnap® snapshot technology.
- Protecting virtualized enterprise environments.
- Advanced retention, compliance and data management concepts.
Tools and Resources

Commvault Education Advantage Profile
Commvault Education Advantage provides a 360-degree view of your completed Commvault® software-related activities and product usage data. Tallied in a user’s Commvault Profile, activity points are awarded for completion of role-based education and certifications, participation in Commvault forums and knowledge bases, interaction with Support, and participation in the Commvault webinars and product series. These Profile Points allow our users to thoroughly demonstrate their Commvault® software expertise for personal and professional growth.


Join our Members-Only Education Services Forum
Our forum allows you to ask questions, get answers, and network with like-minded peers in the world of Commvault®. With 24x7 access, it may also provide the opportunity to gain new ideas from your peers.

To access the Education Services Forum, log into your Education Advantage account, or create a new account at https://ea.commvault.com/account/login.

How to Register for a Training Course
If you have not previously registered for a course or do not yet have an account, you will need to create an individual user account with a user name and password.

If you are a manager registering multiple students for a class, you will need to create a user account with a unique e-mail address for each student who will be attending the class. Any communication concerning this course will be sent to the address(es) you provide.

2. Select a location for regional catalog.
3. Click a course name to display Course Details. Then select either the Upcoming Sessions tab or the Purchasing Option(s) tab to register for/purchase the course.
4. Click the Register link associated with the desired session or product.
5. Log into your student profile if you have previously created a user account.

How to Register for a Certification Exam
The certification exam can be conducted from any JAVA-enabled browser with pop-ups allowed. Commvault recommends Microsoft® Internet Explorer® 9 or later, but most updated JAVA enabled browsers will work.

- Follow steps 1 through 4 in the instructions in the “How to Register for a Training Course,” at left.
- The exam link is available online, within your user account, along with your registered courses.
- If you are taking an exam as part of an instructor-led course, the exam link will not be activated until the first day of class.
- If you have registered for a stand-alone online exam, then the exam content will be activated as soon as your registration is confirmed.
- Click the ribbon icon to launch the exam when you’re ready.

NOTE: Assessment exams are single, timed sessions, and you must complete the entire exam in the time allocated without closing your browser.

How to Purchase Training Courses and Certifications
Commvault Systems Training Units are designed to simplify how you purchase and use Commvault Education Products. By purchasing training units in a single transaction, you reduce the number of purchase transactions and ensure access to courseware and learning adapted to the needs of your business. The Commvault Systems Training Units program aids you in managing your training budget and monitoring training expenditures. Benefits include:

- Maintain easy, up-front budgeting. Avoid the allocation of training funds on an ad hoc basis;
- Reduce expenses and streamline procurement with a single budget and purchase order;
- Training Units are redeemable up to 12 months after purchase within an organization for any employee. These units can be used for all products in the Education Services Catalog; and
- Develop a highly Commvault-trained, satisfied, and motivated IT staff.

For complete details please visit: https://ea.commvault.com/education/TrainingUnitsCalculator
Tools and Resources

Ask the Educator On-Demand
Review our on-demand Ask the Educator series for concept overviews and introductions to Education Services. These sessions are part of our extensive program of courseware and information assets on the Education Advantage portal and focus on Commvault-centric technology topics. Each session is presented by highly experienced Commvault Educators as a practical technical summary of the featured Commvault® software functionality. Participate in our Education Services Forum to see the latest news, updates, and ask questions to the instructors directly. Logging into our Education Advantage portal is required to access our Education Services Forum.

https://ea.commvault.com/account/login
http://www.commvault.com/ask-the-educator

Customer Education Lifecycle
Before customers install Commvault® software, they should have a basic understanding of the product. This learning timeline illustrates the role of product education over the early years of owning Commvault® software — a lifecycle ranging from the pre-installation review of the “Introduction to Commvault® Software” eLearning module, to the pursuit of Master Program certifications.

https://ea.commvault.com/education

eLearning Samples
To assist with your evaluation of our eLearning modules, we have samples of our modules available for you to review and evaluate.

https://ea.commvault.com/education/eLearningSamples

Our web-based training courses are modular, self-paced, and interactive, offering the flexibility to learn whenever and wherever at your convenience.

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Certification Frequently Asked Questions

How can certification status be upgraded from V10 to V11?
The Commvault v11 certification program offers upgrade exams for Professional and Master certification status.

Must a student participate in an Instructor-Led Training class or purchase eLearning modules to qualify to take an exam?
It is strongly recommended to attend formal Commvault training and associated Certification Exam prep courses, although it is not required.

How difficult are the certification exams?
Question formats are designed to challenge participants and to prove competencies at various levels. Professional level certification requires participants to demonstrate strong knowledge of the Commvault Common Technology Engine, policy configuration and client/agent/subclient configuration. Engineer-level certification requires participants to demonstrate advanced knowledge of specific features including: Deduplication, IntelliSnap® Technology, storage configuration and Virtualization.

If a student upgrades a certification to v11, what is the cost to take the exams?
Students have one free opportunity to pass the v11 equivalent for any exam passed on previous versions through June 30, 2016.

THE VALUE OF CERTIFICATION
Commvault's Certification Program validates expertise and advanced knowledge in topics, including Commvault Core Fundamentals, Implementation and Maintenance, Preparing for Disaster Recovery, and more advanced Specialist and Master technologies.

Our data has demonstrated consistently that attaining — and maintaining — Commvault Certifications is the single most important driver of productivity and self-sufficiency.

We regularly review and analyze our customer support data, and there is a direct correlation between skill levels and certifications and the volume of support incidents opened. Certified users log a fraction of the support incidents as their non-certified counterparts.

Certification helps you to get the most out of your Commvault investment, increasing productivity, reducing down-time, and adding value to your career, as well!
How to Reach Us

YOU CAN REACH EDUCATION SERVICES BY CONTACTING YOUR ACCOUNT REPRESENTATIVE OR BY CALLING OR EMAILING THE EDUCATION SERVICES REGISTRAR. CHECK BELOW FOR ACCESS TO THE GLOBAL COURSE CATALOG AND REGIONAL CONTACT INFORMATION.

UNITED STATES
Online Course Catalog and Schedule
https://ea.commvault.com/education/
PrintableCatalogs
(866) 873-3640
registrar@commvault.com

CANADA
Online Course Catalog and Schedule
https://ea.commvault.com/education/
PrintableCatalogs
(800) 986-9360
registrarCanada@commvault.com

EUROPE, MIDDLE EAST AND AFRICA
Online Course Catalog and Schedule
https://ea.commvault.com/education/
PrintableCatalogs
+49 (0) 208 468 46 - 77
registrarEMEA@commvault.com

ASIA-PACIFIC AND JAPAN
Online Course Catalog and Schedule
https://ea.commvault.com/education/
PrintableCatalogs
APJ: + 61 2 8243 9800
Australia Toll Free: 1.300.957.328
New Zealand Toll Free: 0.800.886.072
registrarAPJ@commvault.com

CHINA
Online Course Catalog and Schedule
https://ea.commvault.com/Education/
PrintableCatalogs
8610.568 90888
registrarChina@commvault.com

INDIA
Online Course Catalog and Schedule
https://ea.commvault.com/education/
PrintableCatalogs
+914066306630
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