

Symantec Backup Exec System Recovery 8

COURSE DESCRIPTION

The Symantec Backup Exec System Recovery 8 course shows how to use Backup Exec System Recovery in combination with Backup Exec System Recovery Manager to create and implement a system backup and disaster recovery plan across an enterprise.

The course studies the product in the context of the role Backup Exec System Recovery plays in managing system backup and recovery in the enterprise environment. This approach helps you better understand the real-world application of the product in protecting desktop and server data, applications, and operating systems in a network environment.

Delivery Method

Instructor-led training (ILT)

Duration

Three days

Course Objectives

By the end of this course, you should be able to:

- Explain the purpose and functionality of Backup Exec System Recovery.
- Demonstrate how to develop a Systems Continuity Plan and explain how Backup Exec System Recovery addresses the requirements of this plan.
- Create and use disk-based recovery points to recover full systems.
- Back up and recover individual files and folders.
- Convert recovery points to virtual machines to recover systems even when hardware is not available.
- Use Backup Exec System Recovery Manager to centrally manage backup jobs across the enterprise environment.

Who Should Attend

This course is for system administrators and other technical personnel who are responsible for:

- Designing and implementing a system protection solution for their business.
- Managing server and desktop backups across the enterprise environment.
- Restoring failed systems to an operational state.
- Enabling users to recover their files and folders on demand.

Prerequisites

You should have working knowledge of network topology, TCP/IP networking, basic network administration; and a conceptual understanding of network design and best practices.

Hands-On

This course includes practical exercises that enable you to test your new skills and begin to transfer them into your working environment.

COURSE OUTLINE

Overview of Backup Exec System Recovery

- What Is Backup Exec System Recovery?
- Features of Backup Exec System Recovery
- New Features in Backup Exec System Recovery 8

Disaster Recovery Planning

- Overview of Disaster Recovery Planning
- Creating the Systems Continuity Plan
- Symantec and the SCP
- Implementing Backup Exec System Recovery in the SCP
- **Exercise:** Class discussion on determining SCP requirements by performing a thorough business needs analysis.

Installing and Configuring Backup Exec System Recovery

- System Requirements
- Installing Backup Exec System Recovery
- Installing Backup Exec System Recovery Manager
- Installing the Granular Restore Option
- Configuring Backup Exec System Recovery
- Configuring Backup Exec System Recovery Manager
- **Hands-On Labs:** Install the different components of Backup Exec System Recovery in the lab environment.

Creating Backups

- Business Requirements for Creating Backups
- Basics of Creating Recovery Points
- Creating a One Time Backup
- Defining Recurring Backups
- Managing Backup Destinations
- **Hands-On Labs:** Create a one-time local backup of a client system; create a recurring file and folder backup of a client system to local and FTP destinations; create a recurring backup of a system to local and offsite destinations; manage a backup destination.

Restoring Recovery Points

- Business Requirements for Restoring Disk-Based Backups
- Creating a Custom Symantec Recovery Disk
- Restoring a System Partition
- Restoring a Data Partition
- Remotely Restoring a Recovery Point
- **Hands-On Labs:** Restore a disk-based recovery point using the Symantec Recovery Disk; install LightsOut Restore; restore a disk-based recovery point using LightsOut Restore.

Restoring Individual Files and Folders

- Business Requirements for Restoring File and Folder Backups
- Methods for Restoring Files and Folders
- Using the "Recover My Files" Task
- Using the Recovery Point Browser
- Using Google Desktop
- Using the Granular Restore Option
- **Hands-On Labs:** Restore data using the Granular Restore Option; restore individual files and folders using the "Recover My Files" task; restore individual files and folders using the Recovery Point Browser; restore individual files and folders by mounting a recovery point.

Virtualizing Recovery Points

- Business Requirements for Virtualizing Disk-Based Backups
- Converting a Recovery Point to a Virtual Disk
- Converting a Virtual Machine to a Physical Machine
- **Hands-On Labs:** Virtualize a recovery point; use the virtualized recovery point in VMware.

Using Backup Exec System Recovery Manager

- Business Requirements for Managing Backups
- Capabilities of Backup Exec System Recovery Manager
- Managing the Download Center
- Adding Clients to Backup Exec System Recovery Manager
- Grouping Clients in Backup Exec System Recovery Manager
- Installing Indexing Server Software
- Creating an Indexed Backup Destination
- Managing Recurring Backups
- Using Backup Exec Retrieve
- Accessing Logs and Reports
- **Hands-On Labs:** Manage the Download Center; add a Backup Exec System Recovery client to Manager; install the Indexing Server software; create an indexed backup destination; manage backup schedules through Manager; use Backup Exec Retrieve to restore files and folders; review logs and reports in Manager.

Course Summary

- Review of Systems Continuity Business Requirements
- How Backup Exec System Recovery Meets the SCP Business Requirements
- Delivering the SCP
- **Exercise:** Create Backup Exec System Recovery procedures as part of a Systems Continuity Plan; discuss how Backup Exec System Recovery procedures may be applied following a disaster.