

Symantec Backup Exec 12.5 *for Windows Servers*: Administration

COURSE DESCRIPTION

The Symantec Backup Exec 12.5 *for Windows Servers*: Administration course is designed for the data protection professional tasked with backing up and restoring critical data and vaulting the media on which backup data is stored. This 5-day, instructor-led, hands-on class covers how to backup, restore, and vault data. Students will also learn how to configure storage devices, manage media, and troubleshoot Backup Exec. Students also learn to work with add-on agents and options which expand Backup Exec's core functionality.

Differences between Backup Exec 12 and previous versions are described. Additionally, differences and enhancements introduced in the Backup Exec 12.5 release are described.

Delivery Method

Instructor-led training (ILT)

Duration

5 days

Course Objectives

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

- Describe the basic functions of Backup Exec.
- Manage devices and media used by Backup Exec.
- Run basic backup jobs.
- Establish backup policies and templates.
- Restore backed-up data.
- Use advanced Backup Exec functionality, such as encryption and compression.
- Monitor activity and troubleshoot problems.
- Tune device performance and maintain the Backup Exec database.
- Protect remote servers using the appropriate Remote Agent.
- Install and use the following add-on packages:
 - Advanced Open File Option
 - Advanced Disk-Based Backup Option
 - Desktop and Laptop Option
 - Central Admin Server Option
 - Continuous Protection Server
- Integrate the Symantec Protection Network and Symantec EndPoint Protection with Backup Exec.
- Use Backup Exec to protect databases.

Who Should Attend

This course is for system administrators, system engineers, technical support personnel, consultants, network administrators, backup administrators, backup operators, and others who are responsible for installing, configuring, and administering Backup Exec 12.

Prerequisites

You should have working knowledge of administration and configuration of the Windows 2000 Server and Windows Server 2003 platforms, and you should have experience configuring server software and hardware.

Knowledge of domain security and experience with Active Directory, Windows Server 2008, and Windows Vista are recommended.

Knowledge of the following applications is beneficial, but not required:

- MS-SQL Server
- Microsoft Exchange Server
- Symantec Enterprise Vault
- Microsoft SharePoint Portal Server

Hands-On

This course includes practical exercises that enable you to test your new skills and begin to transfer them into your working environment. Additionally, assessment items at the end of each lesson test your knowledge and comprehension of the information provided.

COURSE OUTLINE

Symantec Backup Exec 12.5: Administration I

Course Introduction

- About This Course
- Symantec's Education and Support Resources
- Differences in Backup Exec 12

Backup Exec Fundamentals

- Backup Exec Architecture
- Installing a Media Server
- Running a Basic Backup Job
- Running a Basic Restore Job

Devices and Media

- Supported Devices and Media
- Configuring Devices
- Managing Devices
- Managing Media
- Media Catalogs

Backing Up Data

- Backup Job Basics
- Configuring Backup Jobs
- Running Backup Jobs
- GRT-Enabled Backups

Establishing Backup Policies

- Policies
- Templates
- Relationship Rules
- Creating a Policy-Based Backup Job

Restoring Data

- Configuring Restore Jobs
- Running Restore Jobs
- System Recovery

Advanced Functionality

- Advanced Device Management
- Advanced Media Functions
- Encryption and Compression
- Vaulting

Monitoring and Troubleshooting Backup Exec

- Monitoring Backup Exec Activity
- Controlling Backup Exec Activity
- Backup Exec Utilities

Performance Tuning and Database Maintenance

- Device Management
- The Backup Exec Database

Symantec Backup Exec 12.5: Administration II**Remote Agents**

- Remote Agent for Windows Systems (RAWS)
- Remote Agent for Linux and UNIX Servers (RALUS)
- Active Directory Recovery Agent (ADRA)

Advanced Backup Methods

- Advanced Open File Option (AOFO)
- Advanced Disk-Based Backup Option (ADBO)

Desktop and Laptop Option (DLO)

- DLO Overview
- Installing DLO
- Configuring DLO
- Additional DLO Tasks
- Advanced DLO Functions

Central Admin Server Option (CASO)

- CASO Overview
- Installing and Configuring CASO
- Backing Up Files Using CASO
- Restoring Files Using CASO
- Monitoring CASO

Continuous Protection Server (CPS)

- CPS Overview
- Installing and Configuring CPS
- CPS Jobs
- Restoring CPS Data
- Protecting CPS With Backup Exec
- Monitoring CPS Activity

Integration With Additional Symantec Solutions

- The Symantec Protection Network (SPN)
- Symantec EndPoint Protection Integration

Database Agents

- Database Agents Overview
- Installing Database Agents
- Supported Databases

Symantec Backup Exec 12.5: Database Agents**Agent for MS-SQL Server**

- MS-SQL Server Overview
- SQL Agent Overview
- Backing Up MS-SQL Server
- Restoring an MS-SQL Server Database

Agent for Microsoft Exchange Server

- Microsoft Exchange Server Overview
- Exchange Agent Overview
- Backing Up Exchange
- Restoring Exchange

Agent for Enterprise Vault

- Enterprise Vault Overview
- Using the Agent for Enterprise Vault

Agent for SharePoint Server

- SharePoint Agent Overview
- Using the SharePoint Agent with SharePoint Portal Server 2001
- Using the SharePoint Agent with SharePoint Portal Server 2003 and Windows SharePoint Services
- Using the SharePoint Agent with SharePoint Portal Server 2007 and Windows SharePoint Services 3.0

Virtual Environment Agents

- Virtualization Technologies
- Backup Exec Virtualization Agents
- Using the Agent for VMware
- Using the Agent for Microsoft Virtual Server