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## Symantec Backup Exec 2014: Administration

**Duration: 5 Days**    **Course Code: DP0147**

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### Overview:

The Symantec Backup Exec 2014: Administration course is designed for the data protection professional tasked with backing up and restoring critical data. This five-day, virtual academy, hands-on class covers how to back up and restore data, configure storage devices, manage media, and maintain the Backup Exec database.

Students also learn how to configure and work with various Backup Exec Agents, which protect applications like Microsoft Exchange, Microsoft SharePoint, and Microsoft SQL. The course also covers the Virtual Environment Agents and the Deduplication Option.

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### Target Audience:

This course is designed 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 2014.

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### Objectives:

- **By the end of this course, you will be able to:**
  - Describe the basic functions of Backup Exec 2014
  - Manage devices and media used by Backup Exec.
  - Run basic backup jobs.
  - Explain the enhancements made to the backup and restore workflows.
  - Restore backed-up data.
  - Tune device performance and maintain the Backup Exec database.
  - Protect remote servers using the appropriate Remote Agent.
  - Install, configure, and work with the Backup Exec Deduplication Option
  - Use Backup Exec to protect databases and applications.
  - Install, configure, and work with the following Backup Exec Agents:
    - Agent for Microsoft SQL Server
    - Agent for Microsoft Exchange
    - Agent for Microsoft SharePoint
    - Agent for VMware and Hyper-V
    - Agent for Active Directory
    - List the supported virtual conversion configurations.
    - Create a custom Simplified Disaster Recovery SDR disk.
    - Use Simplified Disaster Recovery SDR for disaster recovery.
    - Install, configure, and manage the Symantec Backup Exec Central Admin Server Option
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### Prerequisites:

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## Content:

### Course Introduction

- About this course
- Symantec's Education and Support resources
- Typographic conventions used in this course

### Backup Exec Fundamentals

- Data backup basics
- Symantec's backup solution offerings
- Backup Exec 2014 essentials
- Backup Exec architecture

### Installing and Licensing Backup Exec 2014

- Installing the Backup Exec server
- Installing the Backup Exec 2014 Server on Windows Server 2012 and 2012 R2
- Backup Exec 2014 Licensing
- Backup Exec 2014 Licensing Types
- Launching Backup Exec 2014
- Updating Backup Exec 2014
- Upgrading to Backup Exec 2014

### Storage Devices

#### Devices and media

- Configuring storage devices
- Managing devices
- Backup Exec 2014 additional storage support

#### Data Management

#### Managing media

- Data Lifecycle Management
- Managing tapes with media sets
- Media catalogs

#### Backing Up Data

#### Adding a Server

- Creating Backup Work Flows
- Multi-server backup definition
- Accounts and Credentials in Backup Exec
- Server Selections
- Backup Selections: Dynamic Inclusion
- Backup Selections: Resource Ordering
- Backup Selections: Excludes
- Backup Settings: Backup Methods
- Backup Settings: Additional Settings
- Backup Stage
- Job name
- Manually running backup jobs

### Restoring Data

- Restore job basics
- Restore settings
- Granular restore
- Restoring data from single backup set
- Restoring data from multiple backup sets
- Restoring data from tape
- Restoring data from backup job
- Online Disaster Recovery
- Restoring System State
- Restoring Shadow Copy Components

#### Simplified Disaster Recovery

#### Simplified Disaster Recovery fundamentals

- Simplified Disaster Recovery: Backup
- Installing the SDR disk creation wizard
- Creating an SDR disk image (.iso) file
- Recovering a server with SDR
- Windows Storage Pools and Spaces
- SDR additional options

#### Virtual Machine Conversion

#### Conversion to virtual machines fundamentals

- Virtual conversion options
- Virtual conversion workflows

#### Central Admin Server Option

#### Backup Exec 2014 CASO: Overview

- Installing CASO and MBES
- Upgrading a CASO environment to Backup Exec 2014
- BE 2014 CASO Configuration Changes
- Backing up Files using CASO
- Restoring Files using CASO>
- Monitoring CASO

#### Symantec Backup Exec 2014: Manage and Administer

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### Remote Agents

#### Introduction to Remote Agents

- Agent for Windows
- Push-installation of the Agent for Windows using the Add Server wizard
- Push-installation of the Agent for Windows to virtual machines
- Local installation of the Agent for Windows
- Managing the Agent for Windows
- Agent for Linux and Agent for Mac

#### Agent for Applications and Databases

#### Agent for Applications and Databases fundamentals

- Installing the Agent for Applications and Databases
- Applications supported by the Agent for Applications and Databases

#### Agent for Active Directory

#### Agent for Microsoft Active Directory

#### Agent for Microsoft SQL Server

- Microsoft SQL Server agent installation
- Backup Selections
- Backup Settings
- Restoring a Microsoft SQL Server database
- Unsupported Microsoft SQL Server features

#### Agent for Microsoft Exchange Server

#### Microsoft Exchange Server basics

- Agent for Microsoft Exchange Server fundamentals
- Backup Exec 2014 support for Exchange DAG
- Support for Microsoft Exchange Server 2013 GRT
- Backing up Exchange
- Restoring Exchange

### Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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