



IBM Spectrum Protect 8.1.7 Advanced Administration, Tuning, and Troubleshooting (TS627G)

Course ID #: 7000-018-ZZ-Z

Hours: 35

Course Content

Course Description:

IBM Spectrum Protect, formerly known as IBM Tivoli Storage Manager, is a data backup and recovery solution designed to help you manage your data retention, reduce the cost of storage, and provide appropriate recovery point objectives to meet any service level agreement. IBM Spectrum Protect offers improved efficiency and flexibility using object-based data management, policy driven retention, and an easy to use interface, the Operations Center. In this advanced-level course, you streamline your daily operations by implementing the latest features, such as inline data deduplication using storage containers, secure communications, and node replication. You use the Operations Center and administrative command line to manage multiple IBM Spectrum Protect servers and nodes. The hands-on exercises are performed on two Windows 2012 R2 virtual machines. This course is the second in a two-course series. It is for storage administrators familiar with the daily management of IBM Spectrum Protect, and focuses on the latest features, such as container pool storage. Basic concepts and installation are not covered in this course. TS617G, the first course in the series, IBM Spectrum Protect 8.1.6 Implementation and Administration, covers basic administration and installation.

Course Objectives:

After completing this course, you should be able to:

- Describe a multi-server IBM Spectrum Protect storage environment.
 - Manage storage containers and traditional storage pools.
 - Configure a multi-server environment.
 - Improve data protection and recovery with replication.
 - Enable advanced client functions.
 - Protect and monitor the IBM Spectrum Protect environment.
 - Use scripting to automate daily processing.
 - Optimize the IBM Spectrum Protect server and client.
 - Troubleshoot common problems.
 - Describe the other IBM Spectrum Protect family products.
- Prerequisites:
- Familiarity with enterprise content management concepts.



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Prerequisites:

IBM Spectrum Protect 8.1.6 Implementation and Administration - (TS617G)

IBM Spectrum Protect version 8.1.6 Implementation and Administration (TS617G)

Target Student:

This course is for storage administrators familiar with the daily management of IBM Spectrum Protect/Tivoli Storage Manager.

Topics:

IBM SPECTRUM PROTECT 8.1.7 ENVIRONMENT

STORAGE POOL MANAGEMENT OVERVIEW

MULTI-SITE/MULTI-SERVER MANAGEMENT

REPLICATION AND DISASTER RECOVERY

CLIENT FUNCTIONS AND MANAGEMENT

DAILY MAINTENANCE AND MONITORING

AUTOMATION AND SCRIPTING

TUNING THE SERVER AND CLIENT FOR OPTIMIZATION

TROUBLESHOOTING AND RECOVERY

IBM SPECTRUM PROTECT ADDITIONAL PRODUCTS