



## IBM Tivoli Storage Manager 5.5 Operations

**Format:** Classroom  
**Duration:** 3.0 Day(s)

### Description

In this instructor-led training course, you will learn to perform the day-to-day functions and tasks that are required for operating and maintaining IBM Tivoli Storage Manager 5.5. These tasks include managing storage pool volumes, preparing removable media, creating reports, monitoring TSM events, and protecting the TSM database, recovery log, and client data. You will learn how to create automated schedules that can be customized to maintain your organizations Tivoli Storage Manager environment. This course is delivered through lectures and lab exercises.

### Audience

This course is intended for operators who will be responsible for managing the daily operations of IBM Tivoli Storage Manager 5.5.

### Prerequisites

The following list contains the prerequisite knowledge or Tivoli product knowledge an attendee must have prior to taking the course:

- Ability to navigate through Windows applications
- Working knowledge of an Internet browser
- Basic understanding of client-server concepts
- For classes taught on an AIX platform, students should have experience using the AIX command line.

### Objectives

Upon completion of this course you will be able to:

- Describe the basic components and concepts of Tivoli Storage Manager.
- Use different interfaces to interact with Tivoli Storage Manager.
- Perform the tasks associated with protecting the TSM database, recovery log, and client data.
- Automate and schedule server functions and client sessions.
- Work with storage media and devices.
- Prepare media for offsite storage.

- Create reports using Operational Reporting and query commands.
- Describe client functions.
- Manage backup, restore, archive, and retrieve operations.
- Monitor daily operations.

### Content

Overview introduces the TSM components, concepts, daily tasks, and job roles for Tivoli Storage Manager 5.5 Extended Edition.

Administrative Interfaces presents all of the TSM administrative client interfaces and the TSM backup-archive client interfaces, and the exercises give you the opportunity to use all of the interfaces.

Storage Pool Operations describes the types of storage pools and storage pool devices. It also describes storage pool concepts including hierarchy, migration, and collocation. In the exercises you will start a storage pool migration process.

Protecting the Database and Storage Pools explains the functions of the TSM database, recovery log, and storage pools, and how to protect them with backups. In the exercises, you will perform a TSM database backup.

Managing Storage Media describes tasks and concepts associated with media management including scratch tapes, tape labeling, checkin and checkout, volume access, movement to offsite storage, expiration, reclamation, and media errors. You will also learn how to move media offsite using the Disaster Recovery Manager feature of Tivoli Storage Manager 5.5 Extended Edition. In the exercises, you will simulate moving media offsite and you will restore a damaged volume by using the offsite volume.

Scheduling and Monitoring Daily Operations explains scheduling of daily events and gives examples of how to monitor Tivoli Storage Manager. You will also learn how to use the TSM Operational Reporting tool. In the exercises you will schedule a server operation.

Backup-Archive Clients introduces the functions of the TSM backup-archive client, including backup, archive, restore, and retrieve. In the exercises you will backup a file and restore it.

Support and Resources guides you to getting help and information.