



# Pirean

Unlock Your Business Potential

IBM Tivoli

Storage Manager 5.3: Implementation for UNIX (TM50U3GB)

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## Course Summary

Format: Classroom

Duration: 5.0 Days

Price: 2125.00 GBP plus VAT, 2496.88 GBP incl VAT

### Description:

This 5-day instructor-led course provides hands-on practice in implementing a data management strategy with IBM Tivoli Storage Manager 5.3. The course begins with installing the IBM Tivoli Storage Manager 5.3 Server, backup-archive clients, and the Integrated Solution Console Administration Center.

Students create simple storage pools and subsequently learn to configure hierarchies of storage pools to manage the flow of data from disk to tape media. Next, storage pools are mapped to the data sent by client nodes through IBM Tivoli Storage Manager policies that provide the rules to implement data management service level agreements. Students define new policy domains, policy sets, management classes, backup copy groups, and archive copy groups. To authorize administrators to perform specific storage tasks, students register administrators and grant the privileges required to support specified responsibilities.

## Audience

This course is intended for System Administrators and Implementers who will be responsible for implementing an IBM Tivoli Storage Manager 5.3 solution.

## 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 a UNIX platform, students should have experience using the UNIX CLI, allocating filesystem space, and connecting devices to a UNIX server



## About Pirean

Pirean deliver effective learning strategies of every kind (from practical education sessions to industry-leading seminars) to meet changing business need and technical drivers.

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Pirean are an Authorised Independent Training Provider for IBM Software.

## Course Objectives

At the completion of this course, the students will be able to do the following:

- Identify how IBM Tivoli Storage Manager serves as a tool for data management and protection.
- Identify major components of the IBM Tivoli Storage Manager solution.
- Install the IBM Tivoli Storage Manager Administration Center.
- Install IBM Tivoli Storage Manager.
- Explain device driver installation.
- Identify process for preparing media for use in an IBM Tivoli Storage Manager managed tape library.
- Create a storage pool.
- Design and configure storage pools based on supplied customer requirements.
- Manage storage pool volumes.
- Administer IBM Tivoli Storage Manager using the Administration Center.
- Plan and implement policy management.
- Customize the Storage Manager Database and Recovery Log.
- Configure client access to the server.
- Set up client options.
- Use the include-exclude utility to control client backup processing.
- Back up, archive, restore, and retrieve data with GUI, Web client, and command line.
- Explain the benefits of IBM Tivoli Storage Manager's Operational Reporting.
- Map the IBM Tivoli Storage Manager solution to the problems encountered in a customer environment.

## Course Contents

- IBM Tivoli Storage Manager Overview (with Backup Demonstration)
- Installing IBM Tivoli Storage Manager Server and Client
- Storage Media Devices Introduction
- Managing Storage Pools and Storage Pool Volumes
- Administrative Interfaces and Privileges
- Policy Management
- Customizing the TSM Database and Recovery Log
- Protecting the Database and Storage Pools
- Client Configuration
- Backup-Archive Client Functions
- Automating Operations
- Monitoring and Event Logging
- Summary
- Appendix: Implementation Checklist and Worksheets
- Appendix: Operational Reporting Overview



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