



# Pirean

Unlock Your Business Potential

**IBM Tivoli**

**Storage Manager 5.3: Administration for UNIX (TM52U3GB)**

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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 course is designed to provide in-depth administration training with IBM Tivoli Storage Manager Extended Edition, at a skill level that is beyond the Implementation course. Through the use of reporting tools, administrators will be able to control their environment, and determine which actions to take. These tasks will vary according to the action we are trying to accomplish.

The classroom setup for this training includes installing and configuring multiple servers, server-to-server and virtual volumes. The students will participate in group problem determine exercises, and be presented with options for a tapeless backup, optimal data management, and tuning the backup-archive client and the TSM server for optimal performance.

### Audience

This course is intended for Senior System Administrators, and Business Partners who are experienced with IBM Tivoli Storage Manager Implementation.

### Prerequisites

This course is intended for Senior System Administrators, and Business Partners who are experienced with IBM Tivoli Storage Manager Implementation.:

- Experience administering IBM Tivoli Storage Manager.
- 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.

We help organisations of all sizes deliver business and technical understanding by enabling their most valuable asset, the workforce, with the right knowledge and skills to realise tangible service improvement.

From single seat learning to high-level briefings, Pirean's educators are expert in communicating to workforce members at every level the skills needed to further business opportunity and integrity.

For more information about Pirean's learning services call 0845 226 0542 or visit [www.pirean.com/learning](http://www.pirean.com/learning)

Pirean are an Authorised Independent Training Provider for IBM Software.

## Course Objectives

This course enables the attendee to build the necessary knowledge and skills to accomplish the following:

- Identify storage solutions using IBM Tivoli Storage Manager
- Describe the purpose of enterprise administration
- Establish server-to-server communications
- Work with enterprise administration and server-to-server virtual volumes functions
- Configure single administrative logon
- Exploit server-to-server virtual volumes
- Design and create backup-archive client solutions
- Configure and use multi-session backup and restore
- Configure and use subfile backup and restore
- Design storage structure for tapeless solution using large diskpools
- Configure and use online image backup and restore
- Enable and use file grouping and open file support
- Set up and use the move node data for faster restores
- Configure and use space management
- Optimize IBM Tivoli Storage Manager with performance tuning parameters
- Initiate Data Retention protection for archived data
- Describe the use of IBM Tivoli Storage Resource Manager with IBM Tivoli Storage Manager
- Prepare reports with Operational Reporting
- Use client and server trace functions
- Invoke the trace function for both the client and the server for problem determination
- Perform Tivoli Storage Manager Performance Tuning and determine Network Configuration Issues
- Perform problem determination to recover Database Mirror, Database Volumes and Storage Pool Volumes
- Group problem determination exercise to recover Database Mirror and Storage Pool Volume
- Group problem determination exercise to recover Database Volumes and Storage Pools
- Group problem determination exercise to recover the TSM Database

## Course Contents

- Enterprise Administration
- Server-to-Server Virtual Volumes
- Backup and Restore Methodology with IBM Tivoli Storage Manager
- IBM Tivoli Storage Manager Trace Functions for Problem Determination
- Optimizing IBM Tivoli Storage Manager Configurations
- IBM Tivoli Storage Manager Reporting Functions
- Related Products for IBM Tivoli Storage Manager
- Where to Find More Information



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