



Pirean

Unlock Your Business Potential

Disaster Preparation & Recovery for IBM Tivoli Storage Manager 5.3 for Admins (TM563GB)

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Course Summary

Format: Classroom

Duration: 2.0 Days

Price: 850.00 GBP plus VAT, 998.75 GBP incl VAT

Description:

This course on Tivoli Disaster Recovery Manager (DRM), a feature of IBM Tivoli Storage Manager extended edition, will help you prepare for IT disasters by teaching you how to create a disaster recovery plan, manage off-site volumes, restore systems using Tivoli Disaster Recovery Manager, and perform bare machine recovery with IBM Tivoli Storage Manager for System Backup and Recovery.

In this course you will learn and practice skills needed to implement and administer Tivoli Disaster Recovery Manager by creating a customizable disaster recovery plan to help you recover a Tivoli Storage Manager server and client. In the hands-on labs you will use the plan to back up the necessary server files, a database, and a storage pool onto removable media for offsite storage vaulting. Using Tivoli Storage Manager server-to-server communications, the plan will also be used to back up to remote virtual volumes for offsite electronic vaulting.

The course will also explore the use of additional software to create a more robust disaster recovery solution that performs a Bare Machine Recovery (BMR) using tools such as IBM Tivoli Storage Manager for System Backup and Recovery, Microsoft Windows Automated System Recovery (ASR) and Christie Bare Machine Recovery. With the student exercises, you will be given the opportunity to test your customized Disaster Recovery Plan by restoring the server files, database, storage pool, and client. You will also learn and practice the skills needed to manage the offsite disaster recovery media and to define client recovery information. After taking this course you will have developed skills to set up IBM Tivoli Disaster Recovery Manager for automatic generation of a customized disaster recovery plan, off-site and electronic vaulting of disaster recovery media, and inventory of machine information required to recover IBM Tivoli Storage Manager clients.

Audience

Experienced IBM Tivoli Storage Administrators

Prerequisites

IBM Tivoli Storage Management skill



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.

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Pirean are an Authorised Independent Training Provider for IBM Software.



Course Objectives

This course enables you to build the necessary knowledge and skills to:

- Perform initial setup requirements to use IBM Tivoli Disaster Recovery Manager.
- Create customized IBM Tivoli Disaster Recovery Manager disaster recovery plan files.
- Configure IBM Tivoli Storage Manager to use removable media for offsite storage of critical files used during disaster recovery.
- Perform routine DRM removable media management.
- Simulate a disaster and then recover an IBM Tivoli Storage Manager server and client using IBM Tivoli Disaster Recovery Manager files stored on removable media.
- Configure IBM Tivoli Storage Manager to use server-to-server communications for electronic vaulting of critical files used during disaster recovery.
- Simulate a disaster and then recover IBM Tivoli Storage Manager server and client data using the IBM Tivoli Disaster Recovery Manager files stored electronically on another server.
- Describe the Bare Machine Recovery options for IBM Tivoli Storage Manager

Course Contents

Database & Storage Pool Review

This unit takes you through the steps of backing up the IBM Tivoli Storage Manager Database, covers the requirements for IBM Tivoli Storage Manager System Recovery, and gives recommendations for the Database and Storage.

Introduction to IBM Tivoli Disaster Recovery Manager

This unit includes an overview of IBM Tivoli Disaster Recovery Manager, gives steps on planning for IBM Tivoli Disaster Recovery Manager, reviews the purpose of Stanzas in the Disaster Recovery Plan File, and details the process of breaking out a Disaster Recovery Plan File.

Setting Up and Customizing IBM Tivoli Disaster Recovery Manager

In this Unit you will set up for server recovery, customize the contents of the Disaster Recovery Plan, customizing the Management of Off-site Recovery Media, customizing the Site-specific Recovery Instructions and set up Disaster Recovery Manager for client recovery

Disaster Recovery Media Management

This unit covers the Life Cycle of Disaster Recovery Manager Media, sending volumes to vault, returning volumes from vault, and reviews recovery site considerations.

Backup and Recovery using Removable Media

This unit shows how to back up the IBM Tivoli Storage Management System, restore the IBM Tivoli Storage Manager Database, restoring an IBM Tivoli Storage Manager Storage Pool, and restore an IBM Tivoli Storage Manager Client.

Backup and Recovery using Server-to-Server Virtual Volumes

This unit gives an overview of Server-to-Server Virtual Volumes, Backing Up the IBM Tivoli Storage Manager System Using virtual volumes, restoring the IBM Tivoli Storage Manager Database using virtual volumes, restoring the Storage Pool using virtual volumes and restoring a Client.

Bare Machine Recovery

This unit explores the Bare Machine Recovery (BMR) options when integrated with IBM Tivoli Storage Manager 5.3. They are IBM Tivoli Storage Manager for System Backup and Recovery, Cristie Bare Machine Recovery and Windows Automated System Recovery

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