

IT DISASTER RECOVERY

ITM002

COURSE DESCRIPTION

The IT Disaster Recovery course is designed to equip IT professionals and organizational leaders with the knowledge and skills to develop, implement, and manage a robust disaster recovery plan. This course will cover the principles of disaster recovery, including assessing risks, designing a recovery strategy, and executing recovery plans to ensure the continuity of business operations in the event of an IT-related disaster. Participants will gain hands-on experience with disaster recovery tools, techniques, and best practices that are critical for minimizing data loss and operational downtime.

COURSE GOAL

To enhance participants' knowledge, skills, and abilities necessary to be fully prepared to lead cybersecurity initiatives and make informed decisions in safeguarding organizational infrastructure

COURSE OBJECTIVES

By the end of this course, participants will be able to:

- Understand the importance and fundamentals of IT disaster recovery.
- Identify and assess potential IT risks and vulnerabilities within an organization.
- Design and implement a disaster recovery strategy tailored to specific business needs.
- Learn effective recovery tools and techniques to minimize data loss and system downtime.
- Develop a disaster recovery plan, test its effectiveness, and establish regular maintenance practices.
- Enhance organizational resilience by incorporating disaster recovery practices into business continuity planning.

WHO SHOULD ATTEND

This course is intended for IT professionals, system administrators, network engineers, and organizational leaders involved in disaster recovery and business continuity planning. It is also suitable for anyone responsible for maintaining data integrity and ensuring business continuity within an organization. No prior disaster recovery experience is required, but a basic understanding of IT infrastructure and business processes will be helpful.

COURSE DURATION

5 Working Days

COURSE OUTLINES

- 1. Introduction to IT Disaster Recovery**
 - Overview of disaster recovery and business continuity
 - Importance of disaster recovery planning in IT
- 2. Risk Assessment and Business Impact Analysis (BIA)**
 - Identifying potential threats and vulnerabilities
 - Conducting a business impact analysis
- 3. Disaster Recovery Strategy Development**
 - Choosing a disaster recovery approach (on-premises, cloud, hybrid)
 - Identifying data backup and storage solutions
- 4. Disaster Recovery Plan Design and Implementation**
 - Creating a comprehensive disaster recovery plan
 - Assigning roles and responsibilities within the plan
- 5. Disaster Recovery Tools and Technologies**
 - Exploring common disaster recovery tools and software
 - Understanding data replication, backup, and failover technologies
- 6. Testing and Maintenance of Disaster Recovery Plans**
 - Importance of testing and drills
 - Strategies for updating and maintaining disaster recovery plans
- 7. Case Studies and Real-World Applications**
 - Analyzing successful disaster recovery implementations
 - Lessons learned from past IT disasters

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