MERCURY

Implementing IT Disaster Recovery (DR) Plan

25 – 29 April 2027
Cairo (Egypt)



Dubai - UAE: +971 4 450 5697
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Ref: 15844_335014 **Date:** 25 – 29 April 2027 **Location:** Cairo (Egypt) **Fees:** 4000 Euro

Introduction:

An IT Disaster Recovery DR Plan is critical to any organization's risk management strategy, ensuring that IT systems and data can be quickly restored during a disaster. The Implementing IT Disaster Recovery DR Plan course guides the implementation of an IT Disaster Recovery Plan, focusing on best practices, strategies, and effective methodologies for minimizing downtime and data loss. Participants will learn how to assess risks, define recovery objectives, design DR strategies, and test recovery procedures to ensure organizational resilience in the face of unforeseen events.

The Implementing IT Disaster Recovery DR Plan course provides training on creating and managing effective IT disaster recovery plans to safeguard organizational operations. Participants will explore the definition of IT disaster recovery, learn the importance of IT disaster recovery planning, and gain insight into the IT disaster recovery process, including step-by-step guidelines for developing an IT disaster recovery plan and a practical IT disaster recovery plan checklist.

This course covers IT disaster recovery strategies, frameworks, policies, and management while addressing IT disaster recovery risks and best practices. Trainees will understand what an IT disaster recovery plan entails, the role of an IT disaster recovery analyst, and how to ensure readiness with IT disaster recovery plan training. From designing a robust IT disaster recovery policy to mastering the IT disaster recovery planning process, this training equips professionals with the skills to implement and maintain a resilient IT disaster recovery framework.

Targeted Groups:

- IT Managers and Directors.
- Network and System Administrators.
- IT Security Professionals.
- Business Continuity and Risk Management Teams.
- Disaster Recovery Planners.
- Project Managers overseeing IT infrastructure.
- Senior Management and Executives.
- Consultants specializing in IT and Disaster Recovery.
- IT Support Staff and Technicians.
- Data Center and Cloud Services Teams.

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Course Objectives:

At the end of this Implementing IT Disaster Recovery DR Plan course, the participants will:

- Understand the key components of an IT Disaster Recovery Plan.
- Learn how to assess risks and determine recovery priorities.
- Develop strategies for data backup and system restoration.
- Implement business continuity and disaster recovery procedures.
- Identify industry standards and regulations for disaster recovery compliance.
- Gain skills in designing and testing disaster recovery solutions.
- Improve incident response coordination and communication.
- Ensure ongoing monitoring and updating of the DR plan.
- Learn best practices for minimizing downtime and data loss during disasters.
- Build the ability to train teams on DR plan execution and preparedness.

Targeted Competencies:

By the end of this Implementing IT Disaster Recovery DR Plan training, the participant's competencies will:

- Risk Assessment and Impact Analysis.
- IT Infrastructure Design for Resilience.
- Disaster Recovery Strategy Development.
- Business Continuity Planning.
- Data Backup and Restoration Techniques.
- IT Security and Threat Management.
- Crisis Communication and Coordination.
- DR Plan Testing and Validation.
- Compliance with Industry Standards and Regulations.
- Incident Response and Recovery Management.

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Course Content:

Unit 1: Introduction to IT Disaster Recovery DR Planning:

- Understand the importance of a DR plan in business continuity.
- Define the key concepts of disaster recovery and business continuity.
- Recognize the different types of disasters that could impact IT systems.
- Identify critical business functions and processes.
- Learn about the Disaster Recovery Lifecycle.
- Understand the relationship between IT infrastructure and business operations.
- Explore the risks of inadequate disaster recovery planning.
- Review case studies of businesses affected by poor DR planning.

Unit 2: Risk Assessment and Business Impact Analysis BIA:

- Learn how to assess the risks to IT infrastructure and data.
- Conduct a Business Impact Analysis BIA to identify critical operations.
- Understand how to prioritize business functions for recovery.
- Analyze potential financial, operational, and reputational impacts of disruptions.
- Learn how to estimate Recovery Time Objectives RTO and Recovery Point Objectives RPO.
- Identify the resources necessary for disaster recovery.
- Develop risk mitigation strategies based on assessment findings.
- Conduct a vulnerability assessment to identify potential threats.

Unit 3: Designing a Disaster Recovery Strategy:

- Understand the components of a disaster recovery strategy.
- Learn how to develop a disaster recovery plan that meets business needs.
- Explore different recovery strategies, including cloud, hybrid, and on-premise solutions.
- Identify the roles and responsibilities of stakeholders in the DR plan.
- Design backup and data restoration methods that align with RTO and RPO.
- Explore various disaster recovery tools and technologies.
- Ensure alignment of DR strategies with overall business continuity goals.
- Learn how to balance cost and recovery speed in DR planning.

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Unit 4: Implementing and Testing the DR Plan:

- Learn how to implement disaster recovery procedures across IT systems.
- Develop detailed step-by-step recovery processes for critical systems.
- Establish protocols for communication during a disaster recovery event.
- Understand how to set up backup systems, both local and remote.
- Develop testing methodologies to validate DR plans.
- Conduct simulated disaster recovery tests to ensure readiness.
- Identify common issues and gaps during testing.
- Refine and improve the DR plan based on test results.
- Document lessons learned and update DR strategies accordingly.

Unit 5: Maintaining and Updating the IT DR Plan:

- Learn the importance of ongoing monitoring and maintenance of the DR plan.
- Develop a schedule for regular reviews and updates of the DR plan.
- Keep DR plans aligned with changing business goals and IT environments.
- Implement continuous risk monitoring practices to identify emerging threats.
- Understand the need for staff training and awareness programs.
- Evaluate the performance of disaster recovery measures and technologies.
- Ensure compliance with industry standards and regulations through audits.
- Implement improvements based on evolving technologies and best practices.
- Conduct periodic reviews of DR plan effectiveness in real disaster scenarios.