



## IT Disaster Recovery Planning

**Course ID: BCP IT/DR**

**Duration:** 2 full days of instruction; 16 continuing Education Activity Points (CEAPs) may be awarded towards recertification if applicable

**Cost: 995,00 € + VAT (if applicable)**

### Description

Never before has our reliance on automation been greater. And never before have we seen so many threats that could compromise systems and data. With DRI's IT/DR course, you will learn about your responsibilities, the benefits and drawbacks of the tools and processes available to you, and how your organization can increase its preparedness. You'll come away with the skills you need to create an IT/DR project plan and gain management approval for it. If you work in business continuity, IT, security, or a related field, and have an interest in your responsibilities when it comes to IT/DR, this interactive course is for you. If it's been a while since you were last certified, this is the perfect opportunity for you to get on top of the latest developments in IT/DR. The knowledge you gain will put you at the head of the pack professionally and make you a valuable asset to your organization.

### Objective

1. Understanding the business continuity management (BCM) architecture and disciplines
2. Learning the role of IT/DR within business continuity management
3. Recognizing issues involved with recovery of technology platforms and data
4. Evaluating current and new IT/DR technologies (real, virtual, cloud, co-location, hyperconvergence, VDI, "as-a-Service" - IaaS/PaaS/SaaS/ etc., and "Software Defined" - storage/network/data center)
5. Selecting strategic alternatives for the IT/DR process
6. Building, testing, and implementing the new IT/DR process
7. Integrating the business continuity management and IT/DR functions within your entity

### Outline

#### **Introduction: IT/DR Planning with New DR Technologies**

- Definition of IT/DR Terms
- IT/DR planning with new DR technologies
- Why we create IT/DR plans
- IT/DR technologies the participant will learn
- Single and multiple site problems

#### **Module 1: How to create an IT/DR Project Plan and gain Leadership Approval**



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- Understand the DR professional's role
- Establish the need for IT/DR, based on issues, goals, and objectives
- Review new IT/DR strategies and building project plans
- Learn how to obtain management approval and funding for IT/DR
- Implementation and support
- Organize IT/DR projects by formulating goals and objectives
- Define deliverables and assign resources to tasks via project plan
- Integrate IT/DR process within the business continuity management (BCM) process

### **Module 2: Risk Assessment (RA) and Business Impact Analysis (BIA)**

- Understand the DR professional's role
- Describe what a risk assessment (RA) and business impact analysis (BIA) is and its importance to the DR process
- Identify business requirements and their interdependencies on Information Technology
- Be aware of regulatory requirements and recovery needs
- Define Recovery Objectives (RTO/RPO /RTC)
- Categorize applications into Tiers, by criticality
- Prioritize applications, servers and systems by RTO and RPO
- Define upgrades needed to obtain RTO/RPO objectives
- Class exercise: Develop a BIA subset document specifically for IT

### **Module 3: Selecting an IT/DR Strategy (Filling the Gap)**

- Understand the DR professional's role
- Know what affects IT/DR and how to prepare and respond to it
- Define the terms associated with developing and implementing IT disaster recovery strategies
- Describe the methods used in developing and implementing IT disaster recovery strategies with current and new technologies
- Develop a plan to implement and support IT/DR with the new technologies
- Complete the exercise at the end of this lesson
- Class Exercise: Develop an IT strategies document

### **Module 4: Developing IT/DR plans**

- Develop and implement an IT/DR recovery plan for a range of environments
- Class Exercise: Develop an IT/DR plan

### **Module 5: Intro to New IT/DR Technologies and How They Impact IT/DR Recovery Times**

- Understand the evolving DR professional's role
- Understand the new IT/DR Technologies and how they impact IT/DR
- Recovery times and costs
- Identify the need for IT/DR and BCM and how the new DR technologies can be employed to



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improve disaster recovery times and business continuity management

- Obtain knowledge of future business continuity and IT/DR recovery industry direction
- Learn about information security and risk management in the virtual and cloud environments
- Learn how to obtain leadership approval for defined IT/DR deliverables and time schedules
- Develop recovery teams and organizational structure
- Organize DR projects by formulating tasks and milestones leading to implementing DR plans
- Define DR monitoring, activation, and status reporting requirements
- Optimize Recovery Times in accordance to RTO, RPO, and SLAs
- Class Exercise: Define a recovery technique, formulate a recovery planning strategy and provide a cost/benefit analysis.

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**For in-person courses:**

This course will be held in-person and the exam will be held on the morning of the final day. As soon as you are finished taking the exam, you will be able to leave for the day. A computer is required for this course in order for you to take the exam. The system requirements will be sent to you via email together with information about how to access the course materials prior to the start of the course.

**For courses held online:**

All online courses are held via Teams and a computer is required for this course. The system requirements will be sent to you via email together with information about how to access the course materials prior to the start of the course. You will also be provided with instructions for how to take the exam online following the course.



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