



IT Disaster Recovery Planning

Course ID: ITDRP

Duration: 16 hours of tuition over two days; exam to verify learning at the end of the course.

Examination: there is no certification examination, only a learning verification examination. For DRI certification in Business Continuity Management, it is necessary to enroll in a BCM course, such as BCP501 or BCLE2000.

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 an 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

- 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 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.

Course delivery modes

Public courses

These courses are open to all, and are delivered online or in person: check the calendar of courses available in Italy at www.dri-italy.it

Private courses

Companies, Associations, and Public Bodies wishing to train several employees, partners or collaborators may request from segreteria@dri-italy.it a quotation for a private course, which will be delivered at the purchaser's preferred times and locations.

Contact

For more information, visit www.dri-italy.it or email to segreteria@dri-italy.it