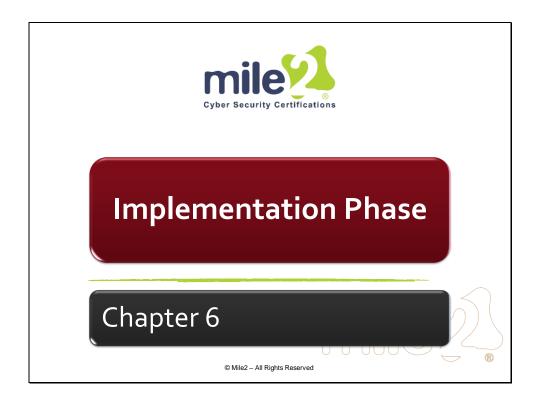
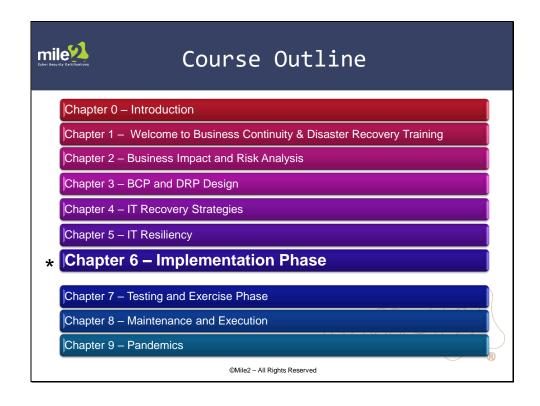
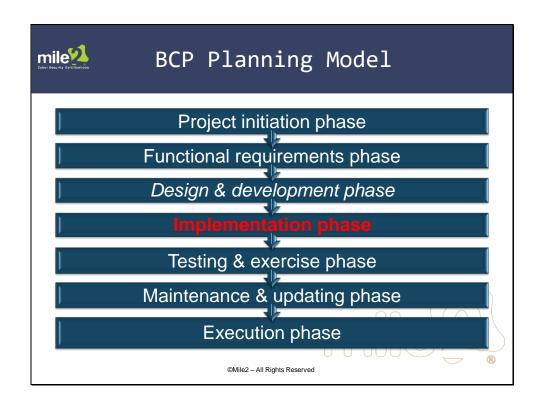
CDRE - Certified Disaster Recovery Engineer
Chapter 6 - Implementation Phase

Workbook









Chapter 6 Topics What Are We Covering?

Implementation Phase

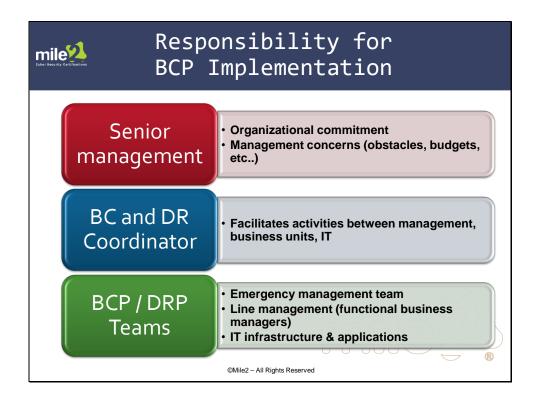
- · Assign responsibility for implementation
- · Gain consensus on BCP / DRP
- · Determine cost estimate procedures
- Acquire management approval and funding (budget)
- Procure the necessary facilities & services: hardware, software, and communications, etc..
- · Install & configure recovery site infrastructure
- · Produce detailed process documentation
- Implement operational changes & Change Control Management

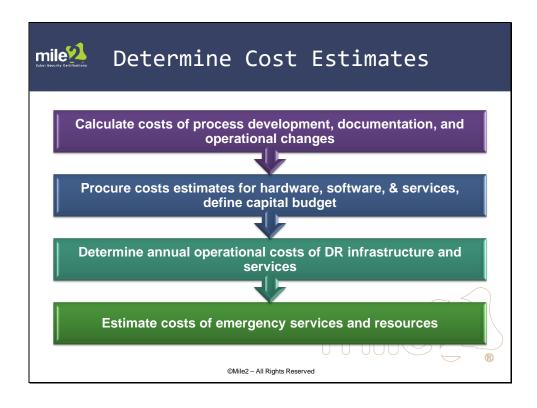
Awareness and Training



		<u> </u>		

mile Cyber Security Certific	Implementation of BCP
	Responsibility for Implementation
	Gain consensus on BC/DR procedures
	Determine cost estimates
	Acquire management approval and funding (budget)
	Procure the necessary facilities & services: hardware, software, and communications, etc
	Install & configure recovery site infrastructure
	Produce detailed process documentation
	Implement operational changes & Change Management
	Awareness & Training
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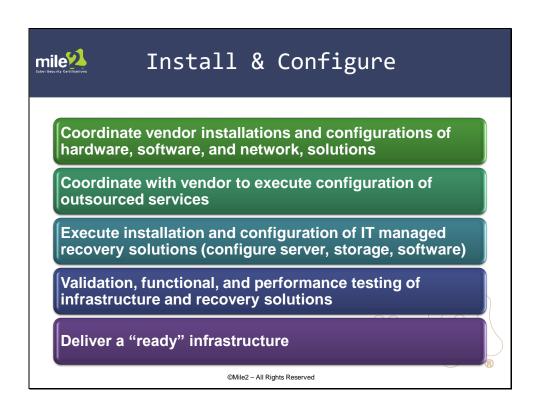


Management Approval and Funding

Present management with a BCP with acceptable scope, clear risk identification and mitigation, business supported solutions, detailed capital & operational cost estimates, and implementation timelines

Provide a message of assurance, standardization, clarity, organization and control

Be prepared to offer alternative solutions (greater or less RTO capabilities, modular plan (increase / decrease scope)





Detailed Documentation

Business process details - who, what, when, & where

Updated contact information

IT procedures

- · General recovery site / services documentation
- Core technology recovery documentation (O/S, databases, middleware, networks, etc..)
- Applications recovery documentation (start / stop, verify)
- Applications / Data Recovery order ("cookbook" step by step)
- Designed w/o dependencies on any specific person, can be handed off to other internal staff or outside consultants



Operational changes may be required to enable or support recovery capabilities

- · Document handling
- · Scheduling of Data backups and offsite vaulting
- · Staff cross-training
- Facilities and data security
- Data organization & format (where is our critical data?)
- Data organization, standardization, purging & archiving (where is the data, how much is too much to recover, what do I need?)
- Change control the BCP will become obsolete without this
- CMDB detailed information on the infrastructure is paramount
- · Stringent Change Management





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Awareness & Training

Difference between awareness and training

- Awareness is knowing or reality
- Awareness implies you have knowledge of something through alertness or observing what you see, hear, feel, etc.
- Training is a formal process or method
- Train to instruct as to make proficient or qualified

Awareness & Training mile **Components of business** continuity plan · Why a business continuity plan is **Elements of** important Awareness Who are the business continuity plan coordinators and Where BCP information can be **Training** found Program When the BCP is exercised / invoked How the BCP is exercised / invoked ©Mile2 - All Rights Reserved



Awareness

Establish Awareness Program

- Importance of an awareness program
- Benefits of an awareness program
- Critical success factors
- Getting started
- Identifying the audiences
 - General
 - Employees of critical services
 - Key contacts
- Develop a strategy
- Make it dynamic and interesting

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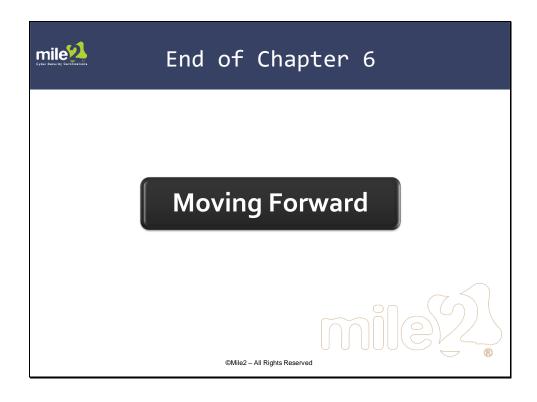


Training

Establish a Training Program

- Types of training
 - In house
 - · Internal training department
 - External
 - · Professional associations
 - Consultants
 - Conferences
 - Computer-based
 - Cross-training

Use BCP Testing outcomes for Training



Questions and Answers

Review Questions:

- 1. Business Continuity Awareness is:
 - A. Knowing or reality
 - B. A formal process or method
- 2. When assessing the level of Business Continuity Planning and Disaster Recovery Planning awareness and training which one of the following is true?
 - A. The level of awareness is constantly changing
 - B. The Risk Management program will have a negative effect on awareness
 - C. The level of awareness remains the same
 - D. The awareness and training are mapped directly to the Business Impact Analysis
- 3. Business Continuity and Disaster Recovery awareness session should be addressed to:
 - A. Management
 - B. Recovery Team Leaders
 - C. All employees
 - D. Business Continuity Coordinator(s)
- 4. Which topics are covered in a BCP Awareness and Training program?
 - A. Components of a BCP
 - B. Why a BCP is important
 - C. Who are the BCP coordinators
 - D. Where BCP information can be found
 - E. When and how is the BCP exercised and invoked
 - F. All of the above
- 5. Success characteristics of testing a plan for the first time, is to:
 - A. Start small and then expand the scope
 - B. Test the recovery of all the critical business functions and services
 - C. Test the IT recovery (e.g. Local Area Network)
 - D. Conduct a parallel test

Answer Key:

1. A

Business continuity awareness is knowing or reality.

2. A

When assessing the level of Business Continuity Planning and Disaster Recovery Planning awareness and training the level of awareness is constantly changing.

3. C

Business Continuity and Disaster Recovery awareness session should be addressed to all employees.

4. F

All of the above topics are covered in a BCP awareness and training program.

5. A

Success characteristics of testing a plan for the first time, is to start small and then expand the scope.