

What if...

What would happen if...

- A hurricane hit?
- A fire occurred?
- Power was interrupted?
 - What would you do?
 - What would a business do?

The need for a plan

- Risk of going out of business
 - Cheaper in the long-run
 - Provides order and structure
 - Required
- Better to have the plan and never use it than to never plan and be unprepared when disaster strikes.

Business Continuity Plan

- Business Continuity Plan
 - A plan that consists of the set of procedures designed to keep critical business functions up and running during and after a disaster.
- Goal
 - To prevent disruptions in business operations

BCP - Elements

- Analysis
 - Identification of risks/threats
- Response/recovery Design
 - Plan of action
- Implementation
- Testing
- Maintenance

Achieving an Effective Plan

- Obtain Top Management Commitment
- Establish a Planning Committee

- Perform a Risk Assessment

Achieving an Effective Plan

- Establish Priorities for Processing Operations
- Determine Recovery Strategies
- Perform Data Collection

Achieving an Effective Plan

- Organize and Document a Written Plan
- Develop Testing Criteria and Procedures
- Test the Plan
- Approve the Plan

Data and Systems Recovery

- Storage and Backup of Data
- Hot, Warm or Cold?
- Cloud Computing

Auditing a BCP

- 3 Step Process

1. Validating the business continuity plan
2. Scrutinizing and verifying preventive and facilitating measures for ensuring continuity
3. Examining evidence about the performance of activities that can assure continuity and recovery

Validating the BCP

- Preventive controls
- Recovery controls
 - RTO and RPO
 - BCP

Scrutiny and Verification

- Disaster recovery site
 - Accessibility
- Outsourcing

- Contracts
- Supporting equipment
- Accessibility

Examining Evidence about Performance of Activities

- Daily activities
- Backup tapes/backup logs
- Look at all components
- Operating system, database, etc.
- Verification of maintenance
- Has plan been tested? How thoroughly?
- Table top testing/complete drill

People

- Inquiry and verification
- Training programs
- Awareness campaigns

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