BCP & DRP

Presented by

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Objectives

- Idea of business continuty planning – BCP
- Relationship between BCP and DRP
- BCP implementation as per need
- Execution of DRP and BCP

Busines Continuty Planning

- Business continuity planning (BCP) addresses
  - the preservation and
  - recovery of business
  - in the event of outages to normal business operations.
- BCP counteracts
  - interruptions to business activities and
  - should be available to protect critical business processes from the effects of major failures or disasters.

Disaster Recovery Plans

- Contains procedures for
  - emergency response
  - extended backup operation
  - and post-disaster recovery
- The primary objective of the disaster recovery plan is to provide
  - the capability to process mission-essential applications, in a degraded mode,
    - and return to normal mode of operation within a reasonable amount of time.

BCP Domains

- Cyber incident response plan
- Disaster recovery planning
- Recovery of a damaged facility or components
- Occupant emergency plan (OEP)

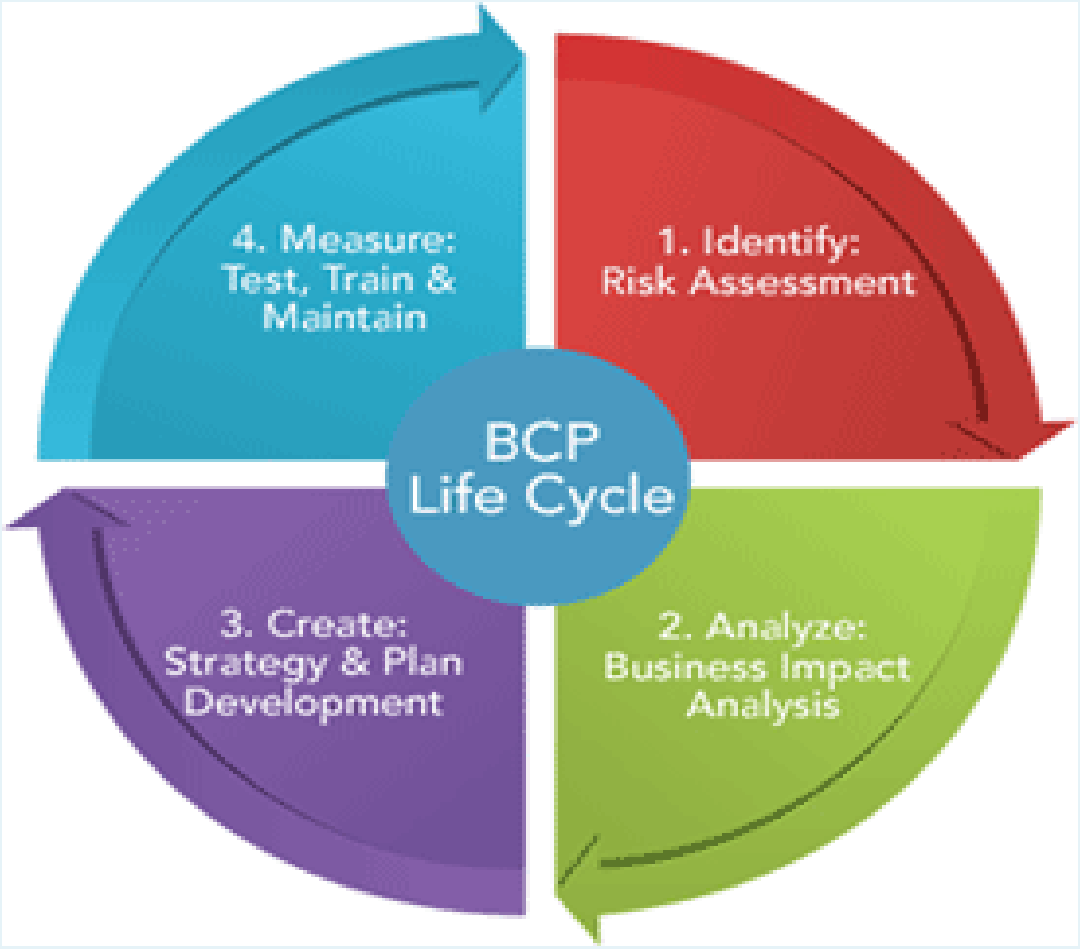
BCP Domains

- Occupant emergency plan (OEP)
  - provides the response procedures for occupants of a facility in the event of a situation
  - posing a potential threat to the health and safety of personnel, the environment, or property.

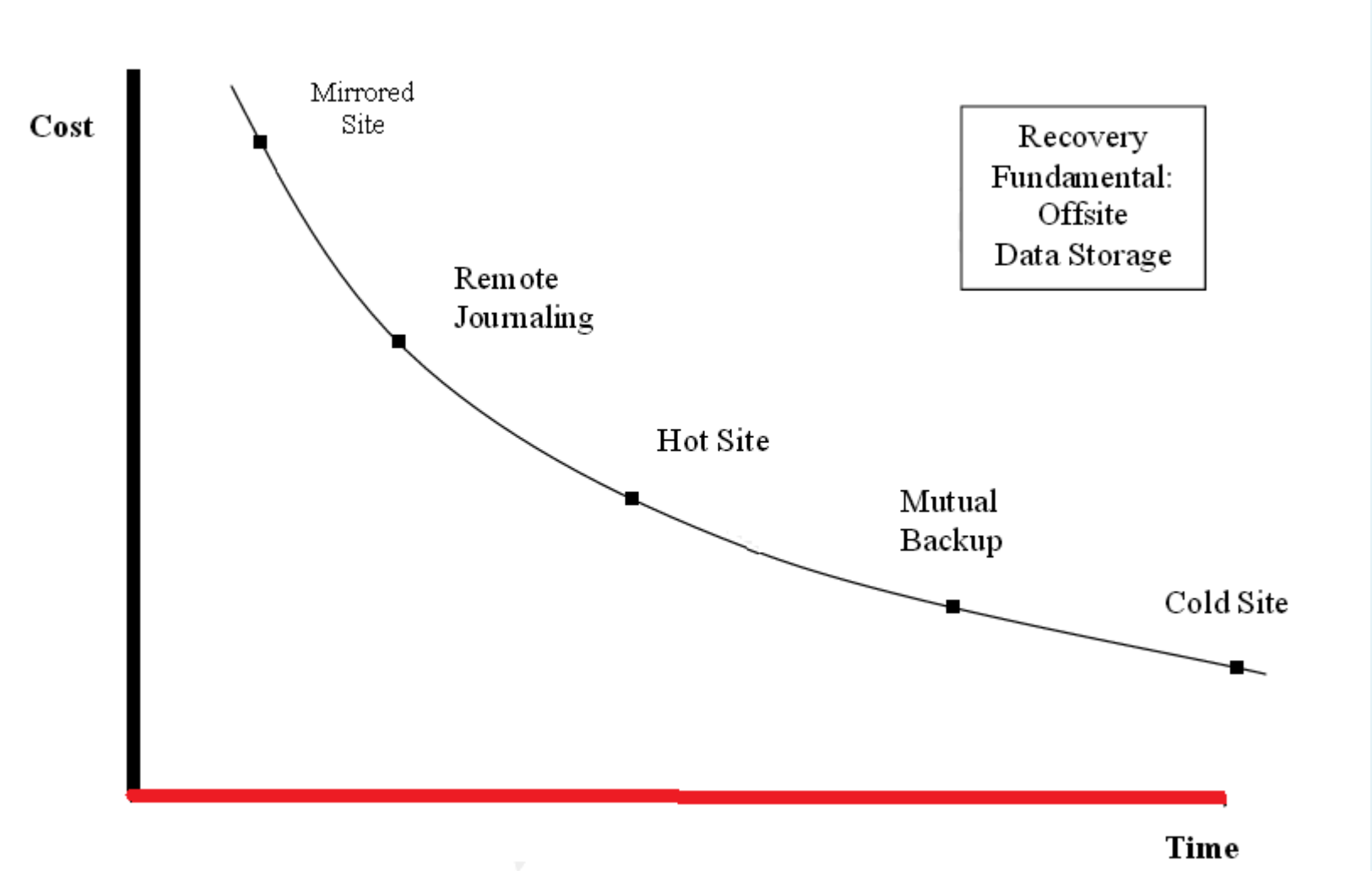
BCP in Action

- Equipment failure (such as disk crash).
- Disruption of power supply or telecommunication.
- Application failure or corrupton of database.
- Human error, sabotage or strike.
- Malicious Software (Viruses, Worms, Trojan horses) attack.
- Hacking or other Internet attacks.
- Social unrest or terrorist attacks
- Naturala Disester
- Evernenal deradation (Heat, Fire, water etc)

BCP Life Cycle



Diseter Rocovery Practices

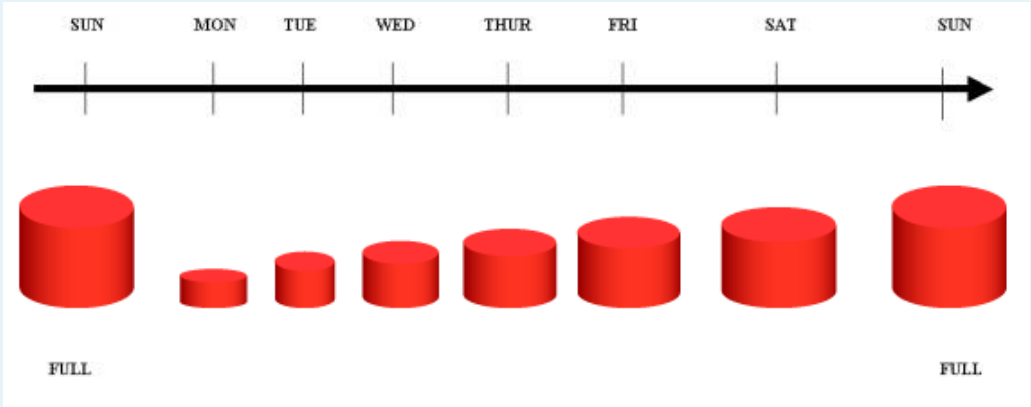


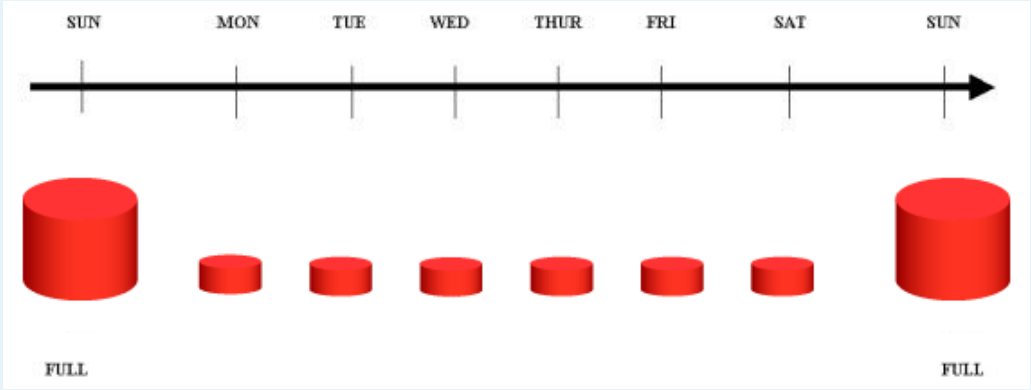
Data Recovery

- Hot Site
- Warm Site
- Cold Site
- Mirror Site or Multiple Processing Centers
- Mobile Site

DR Sites

- Full volume backup
- Differential backup
- Incremental backup





Site Switch Over

- Understand the severity of “disaster”
- Coordinate the BCP (/ crisis) team
- Execute the BCP according to the “disaster”
- Communicate the crisis
- Secure the primary site

Return to Home

- Reactivate physical perimeter security systems (fire, IDS, water, etc.)
- Implement and test the IT infrastructure. (i.e. networks, DNS, e-mail, etc.)
- Certify the system is ready for operations.

It's Your Turn