

Business Continuity and Disaster Recovery

Glossary

Disaster is not over until everything is running back in the original site

MTD : Maximum Tolerant Downtime

RTO : Recovery Time Objective : Refer to the time needed to recover business is a business concept not a hardware

RTO for Hot Sites 5 minutes

RTO for Mobile Site is 3 to 5 days

RTO for Cold sites is 1- weeks

MTTF: Mean time to failure

1 MTTR : Mean Time to repair: Which is the time taken to repair need to be decreased

2 MTBF: Mean Time between Failure : mean the time between two different failures = MTTF+MTTR

3 RPO: The point of time when the recovery process start e.g. last backup taken

Teams

Recovery Team

Salvage Team: Goes Back to the Original Sites to recover

Normal Operational Resume Plan

Types of Backup

Full

Incremental

Differently

Electronic Vaulting : Backup data remotely to an offsite using communication lines

Remote Journaling : Parallel transaction using communication channel

Database Shadowing : Parallel Processing for database in multiple server

Types of Sites

Mutual Aid Agreement AKA reciprocal agreement

Hot Sites

Warm Sites

Cold Sites

Mutual Centers AKA Dual Sites Work to be devoted to more than 1 site

Service Bureau: A Third Party to provide backup alternative service

Rolling / Mobile

BCP

1 Plan for Emergency Response Post Disaster

2 Backup Operation

3 Availability of Critical Resources

4 Focus a System Process

5 Scope Plan Initiation

6 BIA

7 Reviewd at least one a year/ Part of Security Program

8 Roles and Responsibilities • Senior Management (Support, Due Diligent/Do Care)

People Safety First

LAN / WAN

Network / Telecom

9 Goal • WorkStation/ WorkSpace

Application

Media

Duties

NIST

• Notification / Activation

• Recovery

• Reconstitution (Backup and Running)

DR

• Heavy IT Focus

• Need Planning

• Need Testing