

LO#07: Summarize Business Continuity and Disaster Recovery Process

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Business Continuity (BC)



- BC describes the processes and procedures that should be followed to ensure the continuity of an organization's **mission-critical business functions** during and after a disaster
- According to ISO standard, BC is the capability of the organization to continue the delivery of products or services at predefined acceptable levels following a disruptive incident
- A **business-centric** strategy, where the emphasis is more on maintaining **business operations** than on IT infrastructure



Objectives of Business Continuity

- Maintain the continuity of operations during and after a **disruptive incident**
- Protect the reputation of an organization by providing **continuity of services**
- Prepare organizations against disasters**, hence minimizing its aftereffects
- Provide compliance benefits
- Mitigate **business risks and minimize financial losses**

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Disaster Recovery (DR)



- DR refers to the organization's ability to **restore their business data and applications**, even after a disaster
- Includes the recovery of the systems and people responsible for rebuilding the data centers, servers, or other infrastructure damaged in a disruptive incident
- A **data-centric strategy** that emphasizes quickly restoring an organization's IT infrastructure and data

Objectives of Disaster Recovery

- Reduce the downtime faced by an organization during and after a disruptive incident
- Reduce the accrual of losses during and after a disaster
- Recover any data that are damaged due to a hardware failure



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Business Impact Analysis (BIA)



- BIA is a systematic process that **determines and evaluates the potential effects** of an interruption to critical business operations as a result of a disaster, accident, or emergency
- It ascertains the recovery time and recovery requirements for various disaster scenarios
- The underlying assumption in a BIA is that while each component of an organization is reliant upon the **continued functioning** of every other component, some are more crucial than others, and limited funds should be **prioritized** to ensure recovery in the **wake of a disaster**
- An analysis tool; it does not **focus** on the design or implementation of **recovery solutions**

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