IT iNFRASTRUCTURE MANAGEMENT WEEK 7 ASSIGNMENT

1. List the various uses of Hierarchical Storage Management.
   * Supports Unlimited Online Data Storage
   * Data Backup
   * Maintains Total File System Sizes
   * Maintains the Stub File Sizes
   * Improves Scalability
   * Pre-migration
2. Explain about the space management techniques.

Identifies and moves low-activity and inactive files to the hierarchy of storage.

Storage manager: uses Hierarchical Storage Management (HSM) techniques To migrate

automatically and transparently -unused or infrequently accessed data files from local online storage to offline storage managed by a server This migration help administrators and users from time-consuming manual file-pruning tasks, stretch the usability of a given amount of online storage space for a longer period

3.Briefly explain about the hierarchy of different storage types.

* + Primary Storage
  + Secondary Storage
  + Tertiary Storage
  + Offline

4.Mention the different types of disaster? And also write about the disaster recovery

management

* + Refers to

process, policy and procedure related to recovery

continuation of technology infrastructure critical to an organization after natural or human-induced disaster.

Classification of Disasters

* + Natural disaster

Smog, flood, hurricane, fire, earthquake • Manmade disaster

Virus, walkouts, accidents, intrusion, burglary

Disaster Recovery Planning

Also referred as

* + Business Process Contingency Plan (BPCP)
  + Disaster Recovery Plan (DRP) Describes strategies

fight against potential disaster and deals with analysis of business processes and continuity.

Includes

* + - Planning for recommendation of data, hardware, application, communication and reputation protection
    - Planning for non-IT related aspects such as facilities, key personnel and reputation protection
    - Execution of DRP –Minimizes the effect of a disaster
  1. Identify various storage devices and compare them based on their access speedand cost.
     + Hard disk
     + CD Rom
     + Tapes

For company

* 1. List any four natural disaster and suggest some ideas on how to overcome thoseeffects when you setup an IT based office.Any 3
     + Natural disaster

Smog, flood, hurricane, fire, earthquake

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