Remote Journalling

Remote Journaling is the process of recording the product of a computer application in a distant data storage environment, concurrently with the normal recording of the product in the primary environment.

It is an off-site backup technology

Remote journal management helps to efficiently replicate journal entries to one or more systems. You can use remote journal management with application programs to maintain a data replica. A data replica is a copy of the original data that resides on another system or independent disk pool. The original data resides on a primary system. Applications make changes to the original data during normal operations.

Electronic Vaulting

Electronic Vaulting means that data are backed-up, and the output is electronically transmitted to a secured offsite storage location.

Notes (1): One method of accomplishing this is to use stand-alone tape drives that receive and write data to removable tapes, which may be stored in racks or bins.

Notes (2): Another method of electronic vaulting would be to incorporate an automated tape library, virtual tape library or direct access storage device.

Notes (3): Organizations are more likely to achieve a shorter recovery time if the electronic vault is located at the alternate site or connected to the alternate site through channels capable of long distance connectivity and high bandwidth. The amount of data loss can range from a few minutes to one day.

2. The transfer of data to an offsite storage facility using a communications link.

(Source: Business Continuity Institute - BCI)

3. Electronically forwarding backup data to an offsite server or storage facility. Vaulting eliminates the need for tape shipment and therefore significantly shortens the time required to move the data offsite.

(Source: Disaster Recovery Institute International / Disaster Recovery Journal - DRII/DRJ)

4. Electronic transmission of data to a server or storage facility.