5) Instant Recovery : It is also known as recovery in place, tries to eliminate the recovery window by redirecting user workloads to the backup server. A snapshot is created so that backup remains in a pristine state and all users write operations are redirected to that snapshot; users then work off the backup virtual machine and the recovery process begins in the background. Users have no idea the recovery is taking place, and once the recovery is complete, the user workload is redirected back to the original Virtual Machine.

One way to avoid the time consuming and costly process of data recovery is to prevent the data loss from ever taking place. Data loss prevention (DLP) products help companies identifying and stop data leaks and come in two versions —

○ Stand-alone DLP-products can reside on specialized appliances or be sold as software.
○ Integrated DLP-products are usually found on perimeter security gateways and are useful for detecting sensitive data at rest and in motion.