

### c) RAID

RAID is a disk management tool that comes with windows NT/2000/XP. It is a one stop, do it all utility for working with hard drives. It is very special type of drive organization technique with the help of drive signatures for implementing RAID the drives are configured as 'dynamic disks' that allow you to enlarge the partitions without deleting the partition or losing data.

Ques: What is clustering?

Ans: Clustering: It is the process of running the redundant servers by providing them support at operating system level. It provides fault tolerance and performance boosting. There are various types of cluster implementation but the most common among them are as follows:

a) Active/Passive cluster

b) Active/Active cluster

a) Active/Passive cluster: The active/passive cluster uses two server configuration, i.e. active server and passive server and is similar to redundant server. In this clustering all workstations are attached to external storage area or storage area network.

- b) Active/Active clustering: In active/active clustering all workstation participate in processing the service requests. Every workstation has full access to shared storage space. The traffic load between workstation is balanced and for what that the cluster behaves as an intelligent unit.