Anand Kumar

Why should we keep using valuable capital on more hardware and personnel to maintain extra hardware when it's not needed? By investing into data deduplication, our company can reduce costs of data storage as well as other valuable resources in order to focus on the core businesses. Using this technology would allow for extreme data compression and in turn less disk space would be required.

Data deduplication allows for a multitude of improvements within a firm by reducing the amount of physical storage needed. This technology compresses data by removing redundant data. In turn, it allows for storage needs to be reduced by up to 100 times the original capacity for longer term backups. Short term backups would see about 7 to 25 time reduction in storage. Because data deduplication compresses data, this is an extremely efficient way of maximizing disk space.

Data deduplication would allow our company to reduce the amount of hardware associated with storing data as well as personnel maintaining it. There is no need to have 50 2-terabyte hard drives between multiple servers when one drive can do the job. In turn, a firm can save on purchasing extra disk space as well as some of the the maintenance costs associated with more hardware. In cases where backups are used, the savings in physical storage is even more. When data needs to be recovered, necessary resources are significantly reduced compared to conventional backups. This is because less network resources are required to move the data, which allows for a faster recovery from downtime. Our company needs data deduplication in order to handle an ever growing amount of data as the company grows.