

Cloud Computing is an internet based technology that serves a centralized data source to remote devices connected via internet or intranet. It is a network where a program or application runs on a server and is shared across multiple devices such as Personal Computers (PCs), Laptops, and Mobile Devices. The sole requirement is connecting the server through a communication network such as Internet or Intranet or Local Area Network (LAN) or Wide Area Network (WAN). The earlier levels of virtualization were featured by integrated storage, CapEx and OpEx savings, and data security and so on. Cloud computing enables utilization of data to support business decisions while keeping IT cost down. It also enables organizations to leverage PaaS for faster application deployment. Cloud Computing is being largely used by major companies for their widely used applications such as Drop box Inc. for their Dropbox Storage, Google Inc. for Gmail, Google Auto Back Up, Face book, Ever note, Skype and lot more.

Cloud Computing services have a transformational effect on all sectors across the globe. Almost all the sectors are shifting or at least thinking to shift their database into the cloud. Today several IT companies have moved to cloud computing. Other sectors such as healthcare and social media are most affected by cloud computing. There are several reasons why a company or an industry migrates to cloud. However, the major reason is cost reduction. Cloud services are allowing the businesses to reduce their capital expenditure by eliminating the cost of IT Infrastructure.

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