Peer-to-peer and client-server networks

Technology, Information Technology

The server software's cost is another disadvantage of the client-server network. In fact, the establishment of the client-server networks sometimes proves so expensive that choosing this option seems like an uninformed decision. Nevertheless, the structure of the client-server network offers different kinds of powerful administrative tools that are specifically useful when security becomes an issue. On the other hand, peer-to-peer networks are cost-effective to develop as there is no need for a high-end machine to serve as a server. Likewise, while using peer-to-peer networks, there is no need for special client licenses or server software. All that is required to efficiently use the peer-to-peer network comes with Windows 95. Because of this affordability, peer-to-peer networks become quite suitable for use in small businesses or for domestic users. However, security is sacrificed in the use of a peer-to-peer network since the control of the network lies in the hands of the end-users, which makes it unsuitable for the high-security environments.