Physical Server

[Name of the Writer]

[Name of the Institution]

Physical Server

**Main Post**

Physical servers are used to store huge amount of data and information. They act as a storage device and usually used by large enterprise organizations to meettheir their storage demands. Physical servers are often located in server rooms or in data centers and are managed by IT staff of the organization. Most of the servers include two or more physical CPUs with multiple cores. Physical servers enhance data access and sharing (Perlitch, 1991). The advantage of a physical server is that IT staff has access on them 24/7 which helps in meeting the requirements of business crucial problems. A physical server can be located easily anywhere according to the demands of the organization. Organizations can customize and configure the servers according to their business requirements. However, physical servers are very costly and require a lot of physical space. The maintenance of the servers required resources such as air conditions for maintaining room temperature. Physical servers also require a heavy amount of electricity for their maintenance. An organization needs to hire IT staff for the management of servers because without proper knowledge of servers management it is difficult to manage physical servers. All the business operations will be affected in case of hardware failure.

**Follow up 1**

There are different types of the physical server which provide different functionality according to demand of organization. The different types of servers include a proxy server, mail server, web server, application server, FTP server, open source server, Telnet server, virtual server, etc. All these servers perform different jobs according to their server tasks.

**Follow up 2**

Virtual servers are used to share hardware and software resources with other operating systems. They can work more effectively and lower the cost of IT staff for an organization. Different software's are used to divide a single physical server into multiple virtual servers. Virtual servers provide more efficiency as compared to physical servers

**References**

Perlitch, M. D. (1991). Using client servers. Telecommunications, 25(2), 39. Retrieved from https://search.proquest.com/docview/210533614?accountid=41759