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Flash Research Paper #3

We should invest in server virtualization because consolidating our servers will save our company over \$6,000,000 in the first year alone. VMware will make the data center run effectively and efficiently enough to support our current growth rate. VMware will reduce our number of physical servers from 1000 to 280 and will be able to support current and future operations while reducing cost.

Installing multiple physical servers is time consuming. "Server virtualization is the partitioning of a physical server into smaller virtual servers to help maximize your server resources." With VMware, a new server can be created in ten minutes, more quickly and efficiently than a physical server. These virtual servers can run the same software and applications that a physical server can, but the hardware runs off of a single server instead of having hardware of their own.

With VMware, our total server will be \$4,800,000 over three years. Without VMware, the total server cost will be \$14,000,000. Such savings result from the consolidation of 1000 servers into 280 servers. VMware also reduces maintenance costs because of the lower volume of servers needed. Installing VMware will maintain our company's operating efficiency, for \$9,200,000 less.

	Year 0	Year 1	Year 2	Year 3	Total Cost:
Without Vmware	8000000	2000000	2000000	2000000	14000000
With Vmware	2880000	640000	640000	640000	4800000
				Difference:	9200000

"Server Virtualization." *Webopedia*. N.p., n.d. Web. 30 Sept. 2013.

"Server Virtualization." *What Is ?* N.p., n.d. Web. 30 Sept. 2013.

"VMware and Dell: Server Virtualization." *Dell*. N.p., n.d. Web. 30 Sept. 2013.