The CEO’s Challenge

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The use of information technology is increasing rapidly and has become an essential part for every organization. We all have seen the rapid growth of shadow IT with the time. The company is worried about their current systems which are not updated and have failed to meet the requirements of the shadow IT projects. It has come to my attention that due to the increasing demand for shadow IT projects, the end users want the immediate access to hardware and software. The company needs to change their information system to provide end users flexibility and scalability. They need to use cloud computing technology to meet the requirement of the end users as the company’s current information systems are not meeting the requirements for Shadow IT projects (Silic & Back, 2014).

Cloud computing is a service which provides user service over the internet to store, manage and process their data over the cloud rather than on local server or storage devices. A company acquires cloud computing services which is a shadow IT service that often gives a lot of benefits to the business. Cloud computed is very imported for the current business world as it reduced the IT costs, increase the scalability, provides flexibility and collaboration efficiency. Cloud computing is part of distributed computing which deal with the current issues of the companies who want to store their massive amount of data and want to expand their business (Buyya et al., 2009).

The information system of the company stores a huge amount of data on a daily basis. There are data of different peoples, and it will be difficult for the company to buy the new storage devices to store that huge amount of data. These devices are also not accessible at any other location. If the company wants to expand their business and people from other locations want to access that data, it will be not possible for them. Cloud computing will provide the company with the flexibility of connecting your business at anytime, anywhere. Moving to cloud computing will reduce the cost of managing the IT systems. It provides the ability to communicate with others all over the world.

The data quality is one of the major concern which company is worried about as the company knows that It is difficult to open all the data and perform operations on it, but cloud computing provides quality data to the business companies because all the operations are performed by the cloud automatically. Cloud computing also provides service by which user can access the data anywhere at any time. It helps a lot in work practices as the company's workers while working at different locations can access the data at any time. The data security is also one of the major concern and cloud provides the protection of data. Cloud also perform automatic upgrades, and there is no chance of losing data from cloud due to power failure or any other issue.

The current systems are very inadequate and inefficient. They still use the old ways of processing, storing and managing data. Users can't access the data everywhere because they can't carry heavy storage devices with them everywhere and it has been a significant concern as in business company requires data at different workplaces. The data also not saved in the old informational systems. The security is a major concern in current informational systems as the database can be accessible by anyone easily. The current systems required a lot of costs as they need manual updates which are sometimes very expensive. There are also scalability and flexibility issues in the existing systems. Business can't be scalable as it requires a huge amount of money to expand business if the company keep on using old techniques.

Cloud computing has solved all the above issues and had a huge success in the business market. Many business organizations have deployed cloud computing to store the huge amount of data which can be accessible from anywhere at any time. Companies are able to protect their data and being able to access their data quickly whenever they needed to avoid loss of productivity. Cloud Computing is providing the option of auto scaling which means a company doesn't need to hire IT executives anymore who can perform system upgrades as it offers automatic upgrades and configure the servers automatically according to the demand of the users. Cloud computing provides fast service so that users can develop, run, check and manage applications and maintenance of hardware. (Garrison et al., 2012).

There are many successful business companies who have deployed cloud computing services in their businesses. Apple, Netflix, Instagram, Facebook, Samsung, etc., all these companies are using cloud computing, and these are the most successful companies currently. The leaders of these companies have explained the innovation which clouds computing brought in this current business world. They explained how cloud computing has expanded their business and provided them with new opportunities. There are many companies which are providing services of the cloud computing, but Amazon, Google, and Microsoft are the top service providers. The company CEO doesn't need to worry about the current informational system anymore and deploy the new informational system which will help the company in the business as well as the users. He needs to take a serious decision which will help the company for long term and help in achieving the desired goals. (Rittinghouse & Ransome, 2016).

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