

Cloud Computing

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Introduction

While the old version, Desktop software, and PC operating systems will continue to offer consumers the wealthiest experience when interacting with content and services locally in new environments. In this new concept of Cloud computing, in these situations, the desktop operating system's richness helps save a user's effort and time if they do not have this new technology to store the information. Nowadays, our device has limited storage to contain essential data. If storage is more extensive enough, the money will be more to upgrade to that device. In addition, if the data is essential to the customer, can bring it anywhere? Why do you not think about "Cloud Computing"? The new cloud computing technology will bring something new and convenient to the user. What are the disadvantages and advantages of Cloud computing applying? Can the elder use it when they are just familiar with the old version? Can the quality apply to current, but how about the future use of Cloud Computing? Is the new Cloud Computing created ethical and social implications for keeping our information from the threat of malware? How about its security?

Current Use

Cloud computing contains four types to make the user easy to use for work or their purpose in life. The public Cloud, private Cloud, hybrid Cloud, and multi-cloud. The public Cloud uses for the public specific organization to sell the service, such as AT&T cloud, Google cloud, iCloud, etc. Besides, the private Cloud will prefer the company's security more than everyday life. To protect the essential data from the other company to stolen. The last one is the hybrid Cloud. It combines public and private sources. That is the definition and separate for cloud computing in Slovakia. In Germany, Cloud Computing is always the same. Nevertheless, the German public

sector still uses it for many challenging benefits through their cases scenarios. For example, Cloud Computing is provided by NIST, DMTF, CCUCDG, and Microsoft. Moreover, nowadays, Cloud Computing uses google docs to store the data, instead of the Microsoft word on a Computer. In advanced, it is autosave and can share within the group to join to contribute depending on google clouds, not only for Docx but for slides and the other things for workplace and school. It is more become mobility now because we can download it into our phone for personal purposes to store the video and image when the phone over the Gigabytes of the storage, mainly iPhone just having 32GB or 64GB. Besides that, it does not need a considerable PC to contain the multiple data in one place, and we can share it on the Cloud on the Internet in private to easy move for working, studying, mailing. Especially for the over-storage data in the device, we often delete the necessary file incorrectly. Cloud Computing nowadays has the function of auto backup when having the Internet. It is beneficial for the curriculum and busy people.

Security Aspects

We have a private cloud to store the data privacy. Besides that, Cloud Computing needs a more severe security plan. Cause the use from the big companies and Government. A careful plan is made to manage Cloud Computing, and it helps Cloud Computing upgrade and used more for the social. Lifecycle management is applied for this security as the step plan to find out the correct security. Also, using authorization through the login to the account helps the data more secure by email or text to the personal users. Cloud Computing brings confidentiality, integrity, and availability to the customer when selling.

The security for Cloud in-app nowadays is more secure by asking password or face ID to open the app on a mobile phone. It will need the account to log in to the Cloud Computing on the internet on the computer. Instead of the advantages, it will get more risk when we put our personal information necessary to the Cloud because sometimes it will be attacked by some hackers to steal the customer information for themselves purpose. Security for the new technology is always the essential subject of organizing and finding the best analysis to help the user, so Cloud Computing is improving day by day when the users are becoming crowded.

Ethical and Social Implications

This study has been made to know how important the ethical and social implications of the new technology are before they can apply to the users. It has contained the legal way security for the customer through many leaking per day. So Cloud Computing can not be sold when they have their problems because the important data make many values. The internal and external environment has influenced it. The customer will be aware more of their interaction when Cloud Computing has ethical and social implications. It will show the way for the next generation application of the new technology. Cloud Computing applies to health care, for example. Cloud computing can be used for medical diagnosis. The data can not be stolen when the psychology has in made in the hospital because that is not the purpose of creating Cloud computing. The Ethical and Social Implications of the new technology give the beliefs for the next new technology base on the previous one. Or we can say it is buildings the believes for the people old technology to new technology. The completeness also gives the Ethical and Social Implications to the organization to produce it precisely. When creating the new Cloud Computing like a tree, it always needss the roots strong (Ethical and Social Implications) about the qualit and security. The quality here can include Current- Use now and the Future Use by updating, not be cheat to

take the benefits to the organization and loss the trust of the users. The upgrading of Cloud Computing through each year by the company shows the Ethical and Social Implications special. Moreover, when Cloud Computing receives a threat from the hacker, the notice meant from the organization to the customer to change password or do not use, is also giving this concept to Cloud Computing, in general, going to another level.

Future Use

Shows the benefit of Cloud Computing for future use. Twitter uses for the short blog. The more current database is based on that. It will help many social webs to develop in the future. It will be analyzed. Cloud Computing can use on many devices everywhere. It is available for the absent-minded among us. People will not worry about losing their work, photos, video, and important data. The CEO of Google's massive cloud computing division has set his eyes on being the world's leading cloud provider. Speaking to The Business Times on building up the new technology Cloud Computing during the tech giant's Singapore cloud platform launch earlier in June 2015 at Google Asia. "Cloud computing offers a few things for people: it eliminates the need to acquire and operate your computers, storage, and networking," according to the author. People will all utilize the cloud to gather, analyze, and act on data through cloud computing. "The cloud is really what allowed machine learning and neural nets to take off because you could have these massive volumes of data suddenly." In addition, Cloud Computing will give more multi-cloud, not four, types of Cloud computing in the future. It also expands the storage of data for each user or organization. Moreover, it will be the internet of things for people who want to look for the information complex in one public storage.

Conclusion

With multifunctional, Cloud Computing is still upgraded day by day through the year to reach the best benefit for the users. Expanding more storage for data in multiple Clouds. Increasing the security for each file in Cloud Computing is not being leaked. Reducing IT costs makes it more functional for the business. Giving more Collaboration efficiency through many apps or the middle system. Access to automatic updates when logging in for security. In personal software, cloud computing and mobility are likely driving factors. Most of our consumer products are cloud-based, which means they can search, e-mail, share photographs and files, and collaborate on papers all from our browser, with no need for desktop software or local storage. Since numerous popular packaged apps have not yet completed the whole shift to the Cloud, it is unclear if cloud computing represents the future of personal software. However, will all these developments spell the demise of desktop software? Besides many of the advantages and convenience of Cloud Computing, the disadvantages of Cloud Computing will give us a different view of the incomplete of this new technology. It is not like the offline app for mobile or computers, and it still needs an internet connection for accessing and backing up the data from the primary devices to Cloud. While a slate device or smartphone may suffice for accessing cloud services, there will always be a need to create more content, and it limits the control for the customer to manage their storage.

References

Cloud computing gets even more mobile: With rising popularity of tablets, software makers will develop more apps that use cloud computing, says AARON TAN. (2011, Feb 09). *The Straits Times*. Retrieved from

<http://mutex.gmu.edu/login?url=https://www.proquest.com/newspapers/cloud-computing-gets-even-more-mobile/docview/852597607/se-2?accountid=14541>

This newspaper was to support the conclusion. When all about Cloud computing is about the good things, the conclusion will give some information opposite for the audience to have a new view of each new technology. This newspaper also uses Future Use, and Current Use to add some information support for having this Cloud Computing.

Communications, in into the future, episode 2. Siney, K. (Director). (2004, Jan 01).[Video/DVD]

Looking Glass International. Retrieved from

<http://mutex.gmu.edu/login?url=https://www.proquest.com/audio-video-works/communications-into-future-episode-2/docview/1822643881/se-2?accountid=14541>

This video helps to know about the usefulness of cloud computing in the introduction and future use of this paper. It explains how cloud computing can apply to normal life the easier way. When people have much stuff to organize and save to their device. Also, when the user has the override storage for their devices. The cloud computing of this video can bring to this paper a clear example and define the useful.

Deussen, Eckert, K.-P., Strick, L., & Witaszek, D. (2012). Cloud concepts for the public sector in Germany: June 2012. Fraunhofer FOKUS, Berlin.

This book gives different views of Cloud computing. This applies to the current use in German. How many cases to put Cloud computing to work and social life? Cloud computing is provided by NIST, DMTF, CCUCDG, and Microsoft. The most are the function challenge to the new technology.

Eshaghian-Wilner, M. M. (Ed.). (2016). *Wireless computing in medicine : From nano to cloud with ethical and legal implications*. John Wiley & Sons, Incorporated.

This book is about the ethical and legal aspects of wireless computing in medicine. Using Cloud Computing in health in a different way. Also, it is adapting the curious about how it can be ethical for the medicine. Why did the ethical and social implications need to create for Cloud Computing? What needs the company of Cloud Computing have to do legally?

IBM seeks lead in big data, bets on new mainframe. . (2012, Aug 29).[Video/DVD] Bloomberg

L. P. Retrieved from <http://mutex.gmu.edu/login?url=https://www.proquest.com/audio-video-works/ibm-seeks-lead-big-data-bets-on-new-mainframe/docview/1822706771/se-2?accountid=14541>

This video shows the benefit of Cloud Computing for future use. Like Twitter is used for the short blog. The more current database based on that. It help many social webs to develop in the future. It will be analyzed.

Jansen, Grance, T., & Jansen, W. (2011). Guidelines on security and privacy in public cloud computing. U.S. Dept. of Commerce, National Institute of Standards and Technology.

This book is about the security aspect of this paper. This goes through the planning aspect for the security of the organization. What is needed for processing for security? Why the

new technology like cloud computing needs to protect from risk. How does it apply to social life?

Krutz, & Vines, R. D. (2010). *Cloud security a comprehensive guide to secure cloud computing* (1st ed.). Wiley Pub., Inc.

This book shows the Cloud Computing Software Security Fundamentals. Giving the option to protect Cloud Computing through Cycles management. Helping the data from the cloud security in the different geography. How to log in to the right Cloud computing?

Látečková, & Trnková, M. (2021). *Cloud Computing in Agricultural Enterprises in Slovakia*. *AGRIS on-Line Papers in Economics and Informatics*, 13(2), 87–95.

<https://doi.org/10.7160/aol.2021.130207>

This article declares about the different types of Cloud Computing. When cloud computing applies to the current use of this paper. The purpose of each type is to a normal life. When the user can give it. Making the other work easier. When knowing to apply to correct to work and purpose life.

Ratten, V. (2014). Indian and US consumer purchase intentions of cloud computing services. *Journal of Indian Business Research*, 6(2), 170-188. doi:<http://dx.doi.org/10.1108/JIBR-07-2013-0068>

This journal concern and compare the ethical and social implication of the US and India. Through this journal, how to get the new generation know about the ethic and the social way of this new technology. How they can interact when technology is growing? What ethic is used when competition which other people to make it and sell it? How can compare the benifit?

Tan, M. (2017, Jun 24). Cloud with clout: Google's cloud chief diane greene says the cloud is a utility everyone can and should use. *The Business Times* . Retrieved from

<http://mutex.gmu.edu/login?url=https://www.proquest.com/newspapers/cloud-with-clout/docview/1912979088/se-2?accountid=14541>

This newspaper provides new looks for the current use and future use when it applies to the Google cloud. It also shows the new technology through the business for growing excellently.