

Akhmatov Vladyslav Viktorovich

Kyiv National University of Technologies and Design

(Kyiv)

Scientific supervisor – Roienko L. V.

ADVANTAGES AND DISADVANTAGES OF USING CLOUD SERVICES

Cloud data storage is a model of storage in which data are stored on numerous servers connected to the Internet. Data are processed and stored in a so-called cloud. The user can think that it is one big server, but actually servers can be located at huge distances from one another.

The objective of the given study is to define all advantages and drawbacks of cloudy service storage and data processing. According to the aim the following task has been set: to learn how safely to upload the information in a cloud.

Initially computer systems received the name "cloudy" because of simplification which was developed up by programmers. They suggested all computers connecting in one network, a cloud, with the data represented in it. In such network each computer is not considered as separate unit but as a part of a whole meaningful area which is created during the user's work of the whole unit. Thus, all network resources available to us through the servers can be called "cloud". Behind the cloud service system is a complex network where users can remotely store their data. With an Internet connection, anyone can download their files from anywhere in the world. Also, it allows to share files with other people. The concept of cloud computing has significantly changed the traditional approach to the delivery, management and integration of applications. For example, cloud storage can be used to synchronize data between different devices. You can make changes to the file on the working computer, and any changes made to the file will be included in all copies of the file, even those which are stored on other devices synchronized with cloudy service. The most popular cloud file storage units are Google Drive, Dropbox, iCloud and others. Almost all of them after registration provide the user with free space for storage of

files (usually from 5 GB to 10 GB). If it seems a little, then for an extra charge it is possible to obtain storage space with the capacity from 20 GB to several tens terabyte. One more advantage is possibility to store backup copies. In case of failure of the local media, the user can easily restore their data from a pre-made copy. Often there is a need for synchronization of data between devices. Cloud services give such opportunity. The scope is not limited to file storage. Now users can not only store files in the cloud, but also use a plenty of applications. For example, Google Docs allows you to manage documents in many different formats without installing the program on your computer and saving the result in the cloud or on your local computer.

Cloud services have many advantages. Today it is difficult to imagine a comfortable use of the network without cloud services. To store data on local devices turned out to be almost unnecessary. The information is accessible continuously and from different devices. No matter how good the technology is, it is not without its drawbacks. When a user trusts his data warehouse, he must understand that the worst thing that can happen to information is leakage or loss. It is also worth noting the dependence on the Internet, if you don't have a connection, you will not be able to get the data to your computer.

Taking into account the advantages and disadvantages of cloud services, the user must decide what is more important for him. However, in our time, when the security of the Internet connection is questionable, it makes sense to use the "cloud", as the chances of loss or leakage of information are very small. In spite of all doubts, cloudy technologies have enormous possibilities of development and their advantages can be appreciated widely today, even by those people who are not familiar with program development, web-technologies and by other IT applications.

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