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### **Yerukaiev Andrii**

Kyiv National University of Construction and Architecture, Kyiv  
PhD, Associate Professor, Department of FVT

### **Klevtsov Mykyta**

Kyiv National University of Construction and Architecture, Kyiv  
Student of the 5th year

## **CLOUD TECHNOLOGIES AND INFORMATION MANAGEMENT**

The article is devoted to the investigation of the possibility of using cloud technologies in information management and analyzed the main advantages and disadvantages of implementing cloud technologies.

Formulation of the problem. "Cloud computing" - is innovation in the information industry, which can be useful for creating infrastructure. Cloud technologies provide Internet users access computer server resources.

With the rapid development of modern information technology, the Internet away from software towards service-oriented technologies. It is advisable to consider the possibility of introducing cloud services and system building a unified information space.

The aim of this article: explore the possibilities of cloud technologies in information management capabilities using cloud technology to organize an integrated information system. By combining the resources and the volatile nature of consumption on the part of consumers, cloud computing allow to save on the scale. Ease of access can be ensured wide availability of services. Modern technologies allow to save money on buying software to be installed on the computer. It should be noted that access to the cloud can be simultaneously a large number of people who have access rights. Using cloud technology has several advantages over conventional technologies:

- enhanced IT management - infrastructure;
- there is no need to use powerful computers.

The main advantage of using cloud technology is the ability to rapidly adapt to changes in the environment of any organization that is, the rapid development of all branches of science is very important.

Recent studies show that the use of cloud computing for organizations working in Ukraine 40% Ukrainian companies will use cloud in a year. According global companies determine the development of cloud IT industry in the next 3-5 years and 80% growth in global IT market will fall exactly on the share of "clouds." Cloud market is growing rapidly. And thanks to the popularity of cloud technology for many business opportunities, new information management.

Given the above, the introduction of cloud technologies is a new direction in the field of computer technology, evolving and requires further study.