

Abstract**On the Copyright Issues of the Cloud Computing Services**

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The Cloud Computing Services have already become available to many people thanks to the Internet infrastructure and fast internet transmission speed. The Cloud Computing Services make the corporations do their businesses by renting the server, without making their own servers. The Cloud Computing Services make it available for users to utilize the digital assets without need to exchange their computer hard-disks nor buy their own softwares.

The sales size of the cloud computing services become increasing every year domestically as well as abroad. In order to cope with this situation, the Korean government, with a view to supporting the Cloud Computing Services, enacted Cloud Development and User Protection Act, which was implemented on September 28, 2015. However, many issues seem to remain unresolved with regard to the potential legal disputes with this Services.

This article specially addresses the Copyright issues among other legal issues. To begin with, this article tells what the cloud computing services exactly are and analyzes the types of the services. As a general copyright issue, this article addresses the legal issue arising when the users upload and download the files to and from the Cloud Storage. This will cause the issue of infringement of the right to reproduce, and therefore, how to interpret the article 30 of Copyright Law, the private reproducing, is important.

In addition, this article deals with tentative copy issue, which arises with the streaming service as SaaS(Software as a Service). Whether the First Sale Doctrine, the modified rule of the First Sale Doctrine in the digital era, can be applied to the digital works purchased through the Cloud Computing Services is also an important issue. In that Cloud Computing Services Provider may be classified as an Online Service Provider(OSP) in the area of copyright

law, what responsibility the provider shall assume with regard to the copyright infringement of the individual users arises when they use the cloud computing services. This article also analyzes whether the responsibility and exemption rule of the typical online service provider can be applied to the cloud computing services provider.

Despite many strengths it has, Cloud Computing Services have many legal issues which may require strict regulations unless resolved well. Further more research and legislations are required for the sustainable development of the Cloud Computing Services.

Keywords

Cloud Computing Services, Server, Copyright Law, Private reproducing, First Sale Doctrine, Online Service Provider

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