

# Impact of Cloud Computing on the IT industry- Its Future and Security

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**Abstract:** *Cloud Computing, the long-awaited goal of computing as a service, has the capability to revolutionize a huge portion of the IT sector, making software even more appealing as a service. Cloud computing encompasses both the applications offered as services via the Internet as well as the hardware and software in the data centers that support such services. The offerings are referred to as "Software as a Service" (SaaS). Infrastructure as a Service (IaaS) and Platform as a Service (PaaS) are two further forms of cloud computing services (PaaS). At the same time, cloud computing has decreased the cost of managing physical and technical infrastructures. After embracing cloud computing as a means for storing data, analyzing security frameworks, and ensuring privacy at the same time, the IT sector has witnessed significant growth. With the introduction of cloud computing. We will understand cloud computing and its influence on the IT industry in this document. We'll also learn about potential upcoming cloud computing developments in the IT sector.*

**Keywords:** Cloud Computing, IT Industry, SaaS, PaaS, IaaS.

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