Cloud computing is an emerging computing technology that uses Internet and central remote servers to maintain data and applications. Cloud computing allows customers and businesses to use applications without installation and access their personal files or data at any corner of the world with Internet access. Presently different types of browser based applications are running in cloud computing environment. Electronic commerce is major of them. This paper has discussed the concepts of cloud computing and on the basis of this issue analyzes its impact on E-commerce industry. Secondly, from the characteristics of cloud, network security problems and solutions are also discussed. Cloud computing has to effectively manage security and privacy issues of cloud applications. Based on literature this paper has discussed how traditional E-commerce businesses and industries are influenced by cloud computing and provide an overall security perspective of cloud computing with the aim to highlight the security concerns.

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**Index Terms**

Computer Science  
Security

**Keywords**

Cloud computing  
E-commerce  
Network security  
Public cloud  
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policies  
cloud security