

Lecture Notes in Electrical Engineering 692

Vijay Nath
J. K. Mandal *Editors*

Nanoelectronics, Circuits and Communication Systems

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Co-ordinator
IQAC

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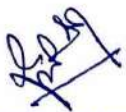
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An Investigation into Contemporary Developments in the Cloud Computing Related to Effectiveness in Data Storages, Service Providers and Technologies: A Review



Safwan A. S. Al-Shaibani, Parag Bhalchandra, G. D. Kurundkar, and R. S. Wasle

Abstract Cloud computing is a current trending in IT industry that interchanges computing and information away from the portable PCs and desktop into great data centers. The research literature on Clouds available across the globe lacks comprehensive information approximately the procedure of Cloud computing environment related to the data storages, what technologies are used and who are the service providers? This is primary intention behind this review paper as a microcosm of about Cloud computing. This paper reviews Cloud computing through its background to recent trends. Furthermore, these thoughts purpose to deliver a complete synopsis and a big picture to person who reads in this exciting area allowing them to possible research opportunities and avenues.

Keywords Cloud computing · Data storage · CSP · Amazon Web service (AWS)

1 Introduction

The Cloud has become a significant vehicle for conveying assets, for example, figuring and capacity to clients on their interest [1–4]. Late enthusiasm for distributed computing has been driven by new contributions of registering assets that are

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