

advance, performance evaluation of the proposed system is elaborated with

implementation of the same.

Metrics

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I. Introduction

Cloud computing (CC) is a service-oriented technology which facilitates user data requirements through the internet. The whole Internet can be termed as a cloud. Capital and execution costs can be less using cloud computing [1]. In the cloud computing environment, the cloud servers can validate the huge amount of data services such as DaaS, access control and outsource secure computation. In cloud computing, the cloud servers keep a large amount of shared data for data storage, which is accessed by authorized cloud user. As per cloud user's requirement, the cloud server could be used to handle and calculate large amount of data. Presently, the use of cloud computing is tremendous giving rise to problems such as confidentiality and delegation. Moreover, the present public key attribute methods allow a party to encrypt data to a specific user, but are unable to effectively handle more expressive types of encrypted access control policies demanding enhanced security solutions for cloud computing [2]. As applications are moving towards CC platforms, a CP-ABE with customizable authenticity are used to validate the data privacy and the validity of delegation on Sounding von Delegation dropputing is a major service given by the cloud servers. This delegation process is performing the less computing power by the users [3]. This process gives their decryption process to the cloud server for reducing the computation time. Proposed system uses the k-multi linear Decisional Diffie-Hellman algorithm in order to validate the security to the encrypted data. This system takes only small computational and communication time [4] [5]. for bringing this the delegation process, customizable delegation is given to defend approved cloud users from human being. Attribute-based encryption (ABE) is a wider vision for public key encryption that gives cloud users to encrypt and decrypt messages based on cloud attributes [6] [7]. There are two types of ABE methods, which are: •

Key-Policy Attribute-Based Encryption (KP-ABE)

Cipher-text Policy Attribute Based Encryption (CP - ABE)

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