

Detailed Review on Cloud Computing and Cloud Security

Prof. Anand G. Sharma¹, Nikita S. Ingle², Arati R. Wadhe³, Ritik S. Hujwant⁴, Kaustubh A. Agrawal⁵

Guide, Department of Information Technology¹

Students, Department of Information Technology^{2,3,4,5}

Shri Sant Gajanan Maharaj College of Engineering, Shegaon, Maharashtra India

sharma.anand2008@gmail.com¹, ningle29102000@gmail.com², aratiwadhe11@gmail.com³

hujwantritik132@gmail.com⁴, kaustubhatulagrawal1999@gmail.com⁵

Abstract: *In the era of Information, we have analyzed that many people are facing the problem of data handling, data storage, and data security. Another problem we have analyzed is that people want an integrated platform with greater accuracy and better security. To solve this problem, we have come up with a solution of integrated cloud storage and browsing application where the user will be allocated some space on the server where one can store their files in a separated and well-mannered form, which will help them to manage their content in an organized manner. We will also provide a marketplace for the user so they can get some required media files from there, which may give integrity to users. For the backend, we will use the concept of data compression using a backpropagation algorithm (using neural networks) which will help to user store more files in a compressed manner on the server. The data will be encrypted using cryptography algorithms, which will increase the security of data by multiple times.*

Keywords: Data Compression, Cryptography, Data Security, Space Allocation, Data Encryption, Neural Networks

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