



PROVIDING RESTRICTIONS AGAINST ATTACK AND CONGESTION CONTROL IN PUBLICINFRASTRUCTURE CLOUD

Nousheen R¹, Shanmugapriya M², Sujatha P³, **Dhinakaran D⁴**

Student, Computer Science and Engineering, Peri Institute of Technology, Chennai, India^{1,2,3}

Assistant professor, Computer Science and Engineering, Peri Institute of Technology, Chennai, India⁴

ABSTRACT:

Cloud computing is current trend in market .It reduce the cost and complexity of service providers by the means of capital and operational cost.It allows users to access application remotely. This construct directs cloud service provider to handle cost of servers, software updates,etc. If the session tokens are not properly protected, an attacker can hijack an active session and assume the identity of a user. To focusing on session hijacking and broken authenticationOTP is generated it will send user mail.Once the user is authenticatedthey will be split into virtual machine it is initiate to the upload process into the cloud.Thecloud user files are uploaded and stored in domain based .Also in our proposed system encryption keys are maintained outside of the IaaS domain.For encryption, we proposed RSA algorithm .For data owner file encryption, we use camellia algorithm. Finally the files are stored in the public cloud named CloudMe.

Keywords: Cloud computing, session hijacking, OTP, Virtual machine, IaaS, CloudMe

[1] INTRODUCTION

Cloud computing is an information technology(IT) standard that enables universal access to share group of configurable system resource and higher-level services that can be quickly provisioned with minimal management effort, often over the internet. Cloud providers

Nousheen R, Shanmugapriya M, Sujatha P, Dhinakaran D

Dhinakaran
Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 648.