**A Modified Hierarchical Attribute-based Encryption Access Control Method for Mobile Cloud Computing**

**ABSTRACT**

Cloud computing has been enormously increased throughout the world with shared by integrating with mobile devices. Integration into cloud computing leads to many security issues, such as confidentiality and authorization of the user in the cloud environment. Hence in order to provide the security and safety we provide a hierarchical access control method and a modified 3 layer system. The data can be monitored by the system and the data can be sensitive to the third party clients.

**Existing system**

Attribute based mostly coding (ABE) could be a recent cryptologic primitive that has been used foraccess management. Access management issue deals with providing access to approved users and preventing unauthorized users to access knowledge. Attaching an inventory of approved users to every knowledge is that the simplest answer to attain access management. However, this answer is tough within the situation with an outsized range of users. Public cryptologic theme is another answer, within which a public/secret key combine is given every|to every} user and encrypts each message with public key of the approved user, in order that solely the precise users ar able to decipher it.

**DISADVANTAGES**

* Only specific users are able to decrypt it.
* Difficult in the scenario with a large number of users.

**PROPOSED SYSTEM**

In this paper, a graded access management technique employing a changed graded attribute-based secret writing (M-HABE) and a changed three-layer structure is planned. Differing from the prevailing paradigms like the HABE algorithmic program and also the original three-layer structure, the novel theme primarily focuses on the information process, storing and accessing, that is intended to make sure the applying users with legal access authorities to induce corresponding sensing information and to limit misbr users and unauthorized legal users get access to the information, the planned promising paradigm makes it very appropriate for the mobile cloud computing based mostly paradigm.

**ADVANTAGES**

* Restrict illegal users and unauthorized legal users get access to the data.

**MODULES**

* Cloud Servers
* Authentication Center
* Data Users

# SYSTEM CONFIGURATION:-

# HARDWARE CONFIGURATION:-

# Processor -Pentium –IV

* Speed - 1.1 GHz
* RAM - 256 MB(min)
* Hard Disk - 20 GB
* Key Board - Standard Windows Keyboard
* Mouse - Two or Three Button Mouse
* Monitor - SVGA

# SOFTWARE CONFIGURATION:-

* Operating System : Windows XP
* Programming Language : JAVA
* Java Version : JDK 1.6 & above.
* Back end :MY SQL