TEES an efficient search scheme over encrypted data on mobile cloud

Abstract:

Mobile Cloud Storage denotes a family of increasingly popular on-line services, and even acts as the primary file storage for the mobile devices. MCS enables the mobile device users to store and retrieve files or data on the cloud through wireless communication, which improves the data availability and facilitates the file sharing process without draining the local mobile device resources.

Existing System:

Mobile cloud storage system incurs new challenges over the traditional encrypted search schemes, in consideration of the limited computing and battery capacities of mobile

Device , as well as data sharing and accessing approaches through wireless communication. Therefore, a suitable and efficient encrypted search scheme is necessary for MCS.

Disadvantages:

1. limited computing and battery low capacity
2. Encryption of data is not efficient in terms of security.

Proposed system:

Here we proposed **a** new architecture, TEES as an initial attempt to create a traffic and energy efficient encrypted keyword search tool over mobile cloud storages. The security study of TEES showed that it is secure enough for mobile cloud computing, while a series of experiments highlighted its efficiency. TEES is slightly more time and energy consuming than keyword search over plain-text, but at the same time it saves significant energy compared to traditional strategies featuring a similar security level.

Advantages:

1.it provides security for mobile cloud computing

2.it saves the energy levels and increases the performance

SYSTEM REQUIREMENTS

H/W System Configuration:-

- Processor   -   Pentium –III
- RAM   -   256 MB (min)
- Hard Disk   -   20 GB
- Key Board   -   Standard Windows Keyboard
- Mouse   -   Two or Three Button Mouse
- Monitor   -   SVGA

S/W System Configuration:-

- Operating System   :   Windows95/98/2000/XP
- Application Server   :   Tomcat5.0/6.X
- Front End   :   HTML, Jsp
- Scripts   :   JavaScript.
- Server side Script   :   Java Server Pages.
- Database   :   MySQL 5.0
- Database Connectivity   :   JDBC