

Fast phrase search for Encrypted cloud storage

Abstract:

Cloud computing has generated much interest in the research community in recent years for its many advantages, but has also raise security and privacy concerns. The storage and access of confidential documents have been identified as one of the central problems in the area.

Existing system:

Many of the early works focused on single keyword searches. Recently, researchers have proposed solutions on conjunctive keyword search, which involves multiple keywords .Other interesting problems, such as the ranking of search results and searching with keywords that might contain errors termed fuzzy keyword search, have also been considered. The ability to search for phrases was also recently investigated .Some have examined the security of the proposed solutions and, where flaws were found, solutions were proposed.

Disadvantages:

1. Single keyword searches are only possible
2. Data access and retrieve ability is not efficient.

Proposed system:

According to our experiment, it also achieves a lower storage cost than all existing solutions the solution addresses the high computational cost noted in by reformulating phrase search as n-gram verification rather than a location search or a sequential chain verification. Our approach is also the first to effectively allow phrase search to run independently without first performing a

conjunctive keyword search to identify candidate documents. The proposed solution can also be adjusted to achieve maximum speed or high speed with a reasonable storage cost depending on the application.

Advantages:

1. Multiple keyword search can also performed
2. Performance has been increased with the reasonable cost.

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