Abstract

The Cloud technology is widely used now-a-days. Cloud technology is useful for storing huge amounts of data and also for performing computations. The join queries in cloud are computed by execution server using different storage servers. In the existing system when the client wants to execute a join query, the query is sent to the execution server which gets the data from different storage servers and performs the join operation. The execution server then returns the results to the client. The client must be able to verify the results received from execution server. Various techniques are described in this paper to verify that the results returned by the join query are proper i.e. the results are correct and complete. Also the results provided by the
servers must be secure. Integrity indicates that all the valid tuples are included in the result and no valid tuple is missing. Integrity of result helps in further data processing.

References

- M. Xie, H. Wang, J. Yin, and X. Meng, "Integrity Auditing of Outsourced Data," Proc. 33rd Int'l Conf. Very Large Data Bases (VLDB '07), Sept. 2007.

Index Terms

Computer Science  Network Security

Keywords

Join Query  Cloud  Integrity.