Abstract

Cloud computing is one of the Information Communication Technology (ICT) trends. It is amalgamation of network of computers connected by centralized physical server. These servers are located on remote computers so that we can access applications directly from distant computer by sitting at our place. The paper makes readers aware of concepts of cloud computing along with its architecture. Few distinctive features among different cloud models have been described.

It is believed that existing model must be improved time to time to ensure efficient computing of tasks. Keeping this in mind, an improved architecture of cloud computing has been proposed in following paper. The proposed model consists of ontology module into cloud information architecture and retrieves terms related to user query using Query Retrieval Mechanism.

**Index Terms**

Computer Science | Information Sciences

**Keywords**

Cloud computing, Network models, Security, Query Retrieval Mechanism.