Abstract

Cloud computing is emerging as a promising prototype for computing and is drawing the attention from both academia and industry. The cloud-computing model is transferring the computing infrastructure to third-party service providers that manage the hardware and software resources with important cost reductions. It is emerging as a new computing example in the medical field apart from other business domains. Wide number of health firms has started shifting electronic health information to the cloud environment. Initiating cloud services in health sector will not only simplify the exchange of electronic medical records between the hospitals and clinics, but also enables the cloud to act as a medical record storage center. Besides, moving to cloud environment eases the healthcare organizations from the monotonous tasks of infrastructure management and also reduces development and maintenance costs. The medical data stored in cloud makes the treatment systematic by retrieving patient’s medical history from the database before going for the treatment and get to know about the health issues of the patient.
References


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Index Terms

Computer Science  Security

Keywords

Attribute Based Encryption (ABE), DDoS, Personal Health Record (PHR).