Abstract

With its on demand services model, cloud computing is making its way in every field and healthcare is no exception to it. Healthcare is readily moving its way to adaptation of cloud computing. This shift is to enjoy clouds services of minimized cost, effective use of resources and maximized availability of services. However, like other fields healthcare is hesitant to embrace the cloud computing environment due to concerns of data privacy, availability and data integrity. This paper provides a brief overview of opportunities and threats of cloud computing (CC) in healthcare industry. The major aim of this review paper is to find out the current and future opportunities and threats faced by the cloud services providers in healthcare.

References

- Momtahan, L.; Lloyd, S.; Simpson, A. Switched Lightpaths for E-Health Applications:
Opportunities and Threats of Cloud Computing in HealthCare


- Flaen, Stephen. &quot;Information Security and the Cloud. &quot; (2012).

- e-Health Cloud: Opportunities and ChallengesEmanAbuKhoussa, Nader Mohamed * and
Jameela Al-Jarood
Future Internet 2012, 4, 621-645; doi:10. 3390/fi4030621


Index Terms

Computer Science
Distributed Systems

Keywords

Cloud Computing (CC)
Health Information Technology (HIT)
Cloud Services
Provider Healthcare
Industry (HCI)
Privacy

Data Availability

Data Integrity