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

- D. Blumenthal and J. P. Glaser, "Information Technology Comes to Medicine."
- e-Health Cloud: Opportunities and Challenges EmanAbuKhoussa, Nader Mohamed * and Jameela Al-Jarood
- Future Internet 2012, 4, 621-645; doi:10.3390/fi4030621
- Momtahan, L.; Lloyd, S.; Simpson, A. Switched Lightpaths for E-Health Applications:
Opportunities and Threats of Cloud Computing in HealthCare


- e-Health Cloud: Opportunities and ChallengesEmanAbuKhoussa, Nader Mohamed * and
Opportunities and Threats of Cloud Computing in HealthCare

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