Security and privacy issues and requirements for healthcare cloud computing

G Gavrilov, V Trajkovik - ICT Innovations, 2012 - pdfs.semanticscholar.org

Abstract. Information technology is increasingly used in healthcare with the goal to improve
and enhance medical services and to reduce costs. One of the areas with greatest needs
having available information at the right moment and with high accuracy is healthcare. With

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Cloud-based service for secure electronic medical record exchange

AS Radwan, AA Abdel-Hamid… - Computer Theory and …, 2012 - ieeexplore.ieee.org

Abstract: The importance of healthcare information technology has increased dramatically
during the past few years. Researchers, developers, and companies have placed efforts to
develop mobile, web, desktop, and enterprise e-health applications. This development

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Synthetic hardware performance analysis in virtualized cloud environment for healthcare organization

CH Tan, YW Teh - Journal of medical systems, 2013 - Springer

Abstract The main obstacles in mass adoption of cloud computing for database operations in
healthcare organization are the data security and privacy issues. In this paper, it is shown
that IT services particularly in hardware performance evaluation in virtual machine can be

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A coherent architectural framework for the development of hospital information systems

K Zarour, N Zarour - Applied Medical Informatics, 2012 - search.proquest.com

Abstract The mission of the hospital is to take measures in order to enhance the efficiency,
shorten patient waiting time and improve quality of treatments. Among those measures is
enhancing the accuracy and efficiency of Hospital Information Systems (HIS). This

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Healthcare integration based on cloud computing

R Marcu, D Popescu, I Danila - UPB Sci. Bull., Series C, 2014 - scientificbulletin.pub.ro

A high number of information systems are available on the market for each hospital
department with high performance results but in healthcare we need access to data from
everywhere at any time. This paper presents an e-health solution based on healthcare

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Personal Health Data Storage Protection on Cloud Using MA-ABE

MR Kumar, MD Fathima… - International Journal of …, 2013 - search.proquest.com

Abstract Online personal health record (PHR) enables patients to handle their individual
medical records in a centralized way, which really facilitates the storage, access and
distribution of personal health data. With the appearance of cloud computing, it is attractive

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The cloud-changing the Indian Healthcare System

A Parveen, S Habib, W Ahmad - International Journal of Computer …, 2013 - academia.edu

Abstract—Cloud computing is the fastest growing field in Information Technology sector.
Cost reduction, flexibility, scalable and sustainable, increased efficiency, reliability, usage
defined payment and enhanced mobility are some of the features of cloud computing. The

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Factors affecting the adoption of integrated cloudbased e-health record in healthcare organizations: A case study of Jordan

H Sulaiman, AI Magaireah - Information Technology and …, 2014 - ieeexplore.ieee.org

Abstract: Cloud computing is one of the most prominent technological trends as it allows
modernization of healthcare organization. The purpose of this study is to explore the factors
that affect adoption of integrated cloud-based e-health record EHR system in healthcare

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Conceção de arquiteturas para Cloud Computing: casos de demonstração da utilização do modelo de referência do NIST

MAL Pereira - 2013 - repositorium.sdum.uminho.pt

A evolução da Internet tem proporcionado o crescimento de novos modelos de negócio
suportados por tecnologias de informação e comunicações e tem possibilitado o
desenvolvimento de novos modelos de serviços baseados no cloud computing. O

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Cloud image data center for healthcare network in Taiwan

SJ Weng, LS Lai, D Gotcher, HH Wu, YY Xu… - Journal of medical …, 2016 - Springer

Abstract This paper investigates how a healthcare network in Taiwan uses a practical cloud image data center (CIDC) to communicate with its constituent hospital branches. A case study approach was used. The study was carried out in the central region of Taiwan, with

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Cloud image data center for healthcare network in Taiwan

SJ Weng, LS Lai, D Gotcher, HH Wu, YY Xu… - Journal of medical …, 2016 - Springer

Abstract This paper investigates how a healthcare network in Taiwan uses a practical cloud image data center (CIDC) to communicate with its constituent hospital branches. A case study approach was used. The study was carried out in the central region of Taiwan, with

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