Abstract

“Cloud computing” architecture features are pushing all the data and services to the web and the added value in this transition may be used by a new generation of libraries where services and data coexist transparently “in the cloud”. The cloud may now be seen as a collection of networked features. Traditional libraries architectures may benefit with this new concept and
lead to a new implementation model: "cloud libraries". Libraries may soon be building and managing their own data centers provisioning and maintenance of infrastructure for web based library present several challenges. In this paper we discuss problems faced with library and development efforts to overcome that problem.

Reference

- Shuai Zhang, Xuebin Chen, Shufen Zhang, Xiuzhen Huo Cloud Computing Research and Development Trend 2010 Second International Conference on Future Networks
- Liang-Jie, Zhang and Qun Zhou IBM T.J. Watson Research Center, New York, USA CCOA: Cloud Computing Open Architecture 2009 IEEE International Conference on Web Services
- Fei Hu1, Meikang Qiu2, Jiayin Li2, Travis Grant1, Seth McCaleb1, Lee Butler1 and Richard Hamner 1 A Review on Cloud Computing: Design Challenges in Architecture and Security Journal of Computing and Information Technology - CIT 19, 2011,

Index Terms

Computer Science
Information Technology

Key words

Cloud computing
Information technology infrastructure
Digital library