Analysis and Identification of Cloud Usage in Private and Public Sector in Saudi Arabia

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Abstract

Cloud is an innovation technology of current digital environment. It provides the facility to store and transact enormous data across the world. In addition to that, it offers incredible processing power, a wide array of storage space and unbelievable speed of computation. There are many private and public organization that cannot afford such investment to store and maintain huge data base server, cloud computing is the best solution to full filling all the objectives to control massive storage. Public and private sector need to respond quickly to increasing demands from public, customer and small vendor, while coping with fixed or declining budgets and staff. Saudi is the leading economy in the Arabian Gulf region. Leading the economic positions is not easy without technological support. Adoption of new innovations should be preceded by analysis of the added value, challenges and adequacy from technological, organizational and environmental perceptions. In this stimulating digital environment, internet cloud has become a gradually pretty choice for providing services more securely, reliably, and economically. This paper briefly outlines the general framework and specific actions that can help the needs of the community, including individual person, customer, small vendors and others. Also it tries to
discourse related research topics, challenges ahead and possible applications in Saudi public and private organization.

References


Index Terms

Computer Science  Information Sciences
Keywords

Cloud, ICT, Public sector, Private sector, Public cloud, Private cloud, Hybrid cloud, Social cloud.