ISLAMIC PRODUCT AS A SERVICE (IP-SERVICE): TOWARDS CLOUD COMPUTING INITIATIVE

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Abstract

One of the Islamic principles is to reinforce and enhance quality in ummah requirements management. This substantial is an element in achieving Itqan that is all parties need to continually improve their performance in any activity or function. The massive proliferation of Islamic applications, computers and Internet connectivity development has created a global phenomenon in which information and communication technology (ICT) is being used to innovate Islamic products. Cloud computing technology could be a key role in this innovation. There is now general consensus that emerging cloud computing as a vehicle for catalyzing Islamic product innovation. The archiving of the Islamic products and information in cloud computing platform allows the business analytics to be performed. This promotes to the program success, costs saving and higher level of services for Islamic society. With the increase of ICT literature among the citizens (Islamic community), the cloud computing technology could become an ideal repository for the government to strategize the direction of Islamic products utilization as a service. This article delineates the concept of Islamic products utilization as a service. It also explores and discusses the propitious of cloud computing to enable the development of service model for Islamic products. The discussions are divided into three main parts: (1) the potential cloud layers in Islamic products utilization including ICT and user services; (2) the current state of the art regarding to the cloud computing schemes and the paradigm of delivering cloud services to the community; (3) the service model that could be generalized and applied for smart community.

Keywords: Islamic product, Islamic community, smart community, service model, cloud computing.