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(57) Abstract :

The present disclosure discloses a method for cloud computing security in healthcare. It proposes a method for deployment of the services on private clouds providing healthcare services. The invention provides saving of all the hospitalTMs database information on clouds by using various cloud service models, namely, Infrastructure as a Service (IaaS), Platform as a Service (Paas) and Software as a Service (Saas). Private cloud computing that is functionalized by its authorized users or by single organization is used as a deployment model in the present invention. The security algorithm as proposed by the present invention, provides data security and privacy in healthcare system. Invention also discloses public cloud, hybrid cloud and community clouds having different levels of security and access.

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