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RESEARCH ARTICLE



AN ENHANCED ATTRIBUTE BASED ENCRYPTION WITH MULTI PARTIES ACCESS IN CLOUD AREA

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Abstract—Personal health record (PHR) systems are patient-facing portals that contain patient health information and allow patients to interact with the health system. PHR is enabled patient centric model of health information exchange, which is often outsourced to be stored at a third party such as cloud providers. Key distinction is that a PHR typically is under the patient's control, so that an individual patient is the ultimate guardian and editor of information stored or accessible within his or her PHR .In this project, it describes our design and prototype implementation of a social healthcare network over the cloud. Differ from previous work in more secure and strong encryption algorithm for Triple DES. The system is secured with a trust-aware role-based access control.

Keywords—Personal health records, cloud computing, data privacy, fine-grained access control, attribute-based encryption

Full Text: <http://www.ijcsmc.com/docs/papers/January2014/V3I1201414.pdf>