

[DOI: 10.20472/IAC.2015.018.109](https://doi.org/10.20472/IAC.2015.018.109)

**SINTA DEWI ROSADI**

Faculty of Law, University of Padjadjaran, Bandung, Indonesia, Indonesia

## **IMPLICATIONS OF CLOUD COMPUTING FOR PERSONAL DATA PROTECTION : AN INDONESIAN PERSPECTIVE**

### **Abstract:**

#### **ABSTRACT**

The implementation of e-health programs and protection of data privacy: a comparative study between Indonesia, Australia and Malaysia

Dr. Sinta Dewi Rosadi

The application of e-health program refers to tools and services using information and communication technologies (ICTs) that can improve prevention, diagnosis, treatment, monitoring and management. The e-health program can benefit the entire community by improving access to care and quality of care and by making the health sector more efficient includes information and data sharing between patients and health service providers, hospitals, health professionals and health information networks; electronic health records; telemedicine services; portable patient-monitoring devices, operating room scheduling software. The e-health goals is to improve citizens' health by making life-saving information available and increase healthcare quality and access by making e-health as part of health policy and to provide health services more effective, user-friendly and widely accepted by involving professionals and patients in strategy, design and application.

As one of the archipelago country with the total population estimated 255 million Indonesia has encounter many challenges in providing better health services so that the e-health program is one alternatives to provide better health services. However in the implementation of e-health program will facing legal challenges since the patients personal data is a sensitive data and its collection, use and storage needs legal protection and if the health care services provider does not keep the patients health data in confidential there will be a real risk that people will stop sharing their medical history with healthcare provider if they don't have confidence that the right privacy controls are in place. This article is the result of preliminary study that analyze the legal framework of protection of e-health program relating data privacy protection is available and compare with Australia and Malaysia

### **Keywords:**

( Key words: e-health program, legal protection, data privacy)

**JEL Classification:** K29