IDaaS and Mobile Cloud Security for Healthcare

About this document

This is the planning document for defining ‘IDaaS and Mobile Cloud Security’, as part of the Canada Cloud Roadmap:

[CanadaCloud.net/Roadmap](http://CanadaCloud.net/Roadmap)

This document will also form a response to the Canada Health Infoway report - Mobile Computing for Clinical Healthcare, specifically the definition of Identity authentication best practices.

Canada Health Infoway - Response document

[Canada Health Infoway](http://CanadaHealthInfoway) is the country’s authority for Healthcare technology standards, in particular EMRs - Electronic Medical Records.

Recently they have published an excellent set of new technology white papers, covering a spectrum of [Mobile Big Data Cloud Computing](http://MobileBigDataCloudComputing).

The third and most recent in the series is [Mobile Computing in Clinical Settings](http://MobileComputinginClinicalSettings), which provides a comprehensive overview of this topic, and in particular makes a critical recommendation related to Identity authentication systems, the focus of this paper.

From page 45 they describe:

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“Considerations for Privacy and Security

Organizations should consider the use of a ubiquitous identity credential and authentication mechanism(s) for mobile devices and mHealth apps. The identity credentials would be used for access to HDO information systems, as well as mobile apps.

A common or federated authentication technique across mobile or cloud based apps and systems will provide for an increased and uniform level of
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Consideration should be given to cloud based Software as a Service (SaaS) Identity Management capability available for the issuance and management of common or federated identity credentials. Federated credentialing can be device based or device independent.

Harmonization or federation of device, mobile app and health care organization system authentication schemes is recommended.

In a BYOD context where several device platforms are supported, consideration of ubiquitous identity credentials that are mobile platform independent is recommended.”

They describe the use of developments such as the HIMSS mobile toolkit for personalizing these solutions to Healthcare.

**Team**

- Kantara IDaaS team - This group is defining best practices for IDaaS, Identity as a Service.