PWG Plenary Status Report
IDS Working Group

February 7, 2011

Irvine, CA

PWG F2F Meeting

Joe Murdock (Sharp)

Purpose of the effort

- Hardcopy device have security and access considerations that are not addressed within current hardcopy standards. These considerations should be addressed in a manner common to all hardcopy devices:
  - Hardcopy Devices are currently allowed unfettered access to and storage of secure and controlled documents. There is no standard for controlling document access and defining usage behavior for protecting secure documents.
  - Hardcopy Devices are providing services to mobile devices running different operating system with different methods to consume Hardcopy service. Hardcopy Devices are extending their services as "cloud" resources, and consuming resources from the "cloud". There is no standard or recommended methodology for authenticating and securing the mobile and hardcopy device, their services or the users consuming those services.
  - Hardcopy Devices are providing and consuming services outside of the traditional concept of a local user on a physical device. There are currently no standards or recommendation for controlling or validating access to these services.
  - The industry is moving beyond basic authentication for access to corporate networks to a more detailed assessment of the "health" of devices before allowing them to access the network. Hardcopy Devices attach to networks, but there's no standard set of metrics that is used to assess an HCD. As a result, HCDs are treated as an exception and are allowed to attach to the network based solely on a MAC address.
- Our goal is to provide the metrics and mechanisms that allow HCDs to fully participate in assessment-protected networks and provide secure, controlled access to documents and hardcopy services regardless of location or consumer.

Work Items for the WG

- ## What We're Doing
  - We are defining a standard set of metrics that can be measured or assessed in Hardcopy Devices to gauge if they should be granted access to a network.
  - We are providing recommendations for identifying and authenticating Hard Copy and mobile devices, services and users in a global workspace.
  - We are defining standard attributes and values for authorizing Hard Copy Devices, their services and users in a global workspace
  - We are defining a set of standard security attributes to be associated with mobile and remote imaging jobs, users, services and devices
  - We are defining common log formats and values to facilitate automated log analysis.

- ## What We're NOT Doing
  - We are NOT defining any new assessment protocols, nor assessment extensions to existing authentication protocols.
  - We are NOT endorsing any of the competing network assessment protocols (TNC, NAC, NAP, NEA). Our goal is to enable Hardcopy Devices to participate in any/all of them.
  - We are NOT defining any new security protocols.

Administration

- IDS WG Chair
  - Joe Murdock (Sharp)
- IDS WG Vice-Chair
  - ***IDS is looking for a new Vice Chair***
- IDS WG Secretary:
  - ***IDS is looking for a new Secretary***
- IDS WG Document Editors:
  - HCD-ATR: Jerry Thrasher (Lexmark)
  - HCD-NAP: Joe Murdock (Sharp), Brian Smithson (Ricoh)
  - HCD-TNC: Ira McDonald (Samsung)
  - HCD NAC Business Case: Joe Murdock (Sharp)
  - IDS-Model: Joe Murdock (Sharp), Ira McDonald (Samsung), Ron Nevo (Samsung)
  - HCD-HR: Joe Murdock (Sharp)
  - HCD-NAP-SCCM: Joe Murdock (Sharp)
  - IDS-Log: Mike Sweet (Apple)
  - IDS-IAA: Joe Murdock (Sharp)

Current Status

- IDS-Model Common Requirements specification
  - Target completion date Q2, 2012
- HCD-TNC Binding Document is under development.
  - Target completion date of Q2, 2012.
- IDS-Log Common Log Specification is under development
  - Target completion date of Q2, 2012.
- IDS-IAA specification is under development
  - Target completion date of Q2, 2012.
- HCD-Attributes specification is under revision
  - Target completion date of Q4, 2011.
- IDS Security Ticket schema is under revision
  - Integrated with Semantic Model.
  - Target completion date of Q2, 2012.

More Info/How to participate

❖ We welcome participation from PWG member companies and input from the user community

❖ The group maintains a Web Page and separate WIKI pages for IDS update

   ❖ http://www.pwg.org/ids/index.html
   ❖ http://pwg-wiki.wikispaces.com/Imaging+Device+Security+WG

❖ To subscribe to the IDS mailing list, go to :

   ❖ https://www.pwg.org/mailman/listinfo/ids

❖ The group hold bi-weekly conference calls on Thursdays at 10:00AM PST/1:00PM EST.