PWG -Imaging Device Security (IDS) Working Group

Irvine, CA - PWG F2F Meeting

December 3, 2008

Ron Nevo(Sharp), Dave Whitehead, (Lexmark)

Purpose of the effort

- The industry is moving beyond basic authentication for access to corporate networks to a fairly detailed assessment of the device that is connecting before being allowed to access the network.
    - Examples of what's being measured for PC Clients:
        - OS Type, Version, Patch Level
        - Anti-virus Type, Version, Definition Level, Is Active
- Hardcopy Devices attach to networks, but there's no standard set of metrics that is used to assess an HCD.
- Our Goal is to provide these metrics!!!

Work Items for the WG

- **What We're Doing**
  - Defining a standard set of metrics that might be measured or assessed in Hardcopy Devices to gauge if they should be given access to a network
  - Defining example "bindings" for how these metrics are used in the individual network assessment protocols.

- **What We're NOT Doing**
  - We are NOT defining any new assessment protocols or assessment extensions to existing authentication protocols.
  - We are NOT endorsing any of the competing network assessment protocols (TNC, NAC, NAP), but plan to enable Hardcopy Devices to participate in any/all of them.

Current Status

- IDS WG Chairs:
  - Ron Nevo(Sharp), Dave Whitehead, (Lexmark)
- IDS WG Secretary:
  - Lee Farrell (Canon)
- IDS WG Document Editors:
  - Jerry Thrasher (Lexmark), Brian Smithson (Ricoh)

Current Status

- HCD Assessments Attributes documents was developed

- HCD-NAP Binding Document is in the last stage
  - Approaching WG Last Call with PWG Last Call after Feb. meeting; complete in 1Q 2009.

- HCD-NEA Binding Document:
  - Q1/Q2-2009- Start and finish Writing the NEA Binding document

- Q1-Q2-Discussions with Microsoft and Cisco will continue to finalize and endorse the IDS Binding documents.

Agenda

- Select Minute Taker- Lee?

- Morning session:
  - Approve Minutes from November 13 Conference Call
  - Review Action Items from November 13 Conference call
  - Changes to the attributes per the IEEE meeting in Minneapolis.

- Afternoon session:
  - Review NAP Binding Document with Brian Smithson updates
  - NEA Binding Document –start process- Who is the editor?
    - HCD-NEA Spec plans and schedule
  - "PWG Plug-in"
  - IDS Wiki Page(s)
  - New Action Items and Open Issues
  - Closing Summary

Action Items from November 13 Conference call

- Randy Turner will compile feedback comments from the NEA, and will forward them to the IDS group. - Review the document. !

- Joe Murdock will add NAP protocol information to the SOH document and update the conformance section – Review the updates !

- Dave Whitehead will send 7 questions to Mike Fenelon and Erhan Soyer-Osman of Microsoft. –Review Microsoft answers.

- Brian Smithson will update and re-write the Network Access Protection Protocol Binding document, taking into account the comments from the October meeting and the comments that Dave Whitehead has posted.- Review the document