

# IDS Working Group

2010-04-08 Face to Face Meeting Minutes

## 1. Attendees

Nancy Chen	Oki Data
Ira McDonald	High North
Joe Murdock	Sharp
Glen Petrie	Epson
Ole Skov	MPI Tech
Brian Smithson	Ricoh
Mike Sweet	Apple
Jerry Thrasher	Lexmark
Randy Turner	Amalfi
Bill Wagner	TIC
Dave Whitehead	Independent
Rick Yardumian	Canon

## 2. Agenda

Joe Murdock opened the IDS meeting and provided the planned agenda topics:

- 09:00 – 09:15 Administrative Tasks
- 09:15 – 09:30 Review action items
- 09:30 – 09:45 Review document status
- 09:45 – 10:00 TCG HCWG liaison report (Ira)
- 10:00 – 10:30 NEA/IETF update (Randy?)
- 10:30 – 10:45 Break
- 10:45 – 11:15 NEA->TCG recast discussion/plans
- 11:15 – 11:45 Remediation specification discussion/plans
- 11:45 – 12:00 Market rationale discussion/plans (AI#32)
- 12:00 – 13:15 Lunch break
- 13:15 – 15:15 IDS futures
  - Vendor application support (e.g., Symantec)
  - Authorization Framework for Hardcopy Devices
  - Standard Log File Formats for Printers and MFDs
- 15:15 – 15:30 Wrap up and adjournment

## 3. Minutes Taker

Brian Smithson

## 4. PWG Operational Policy

It was noted that all attendees should be aware that the meeting is conducted under the PWG Membership and Intellectual Property rules. There were no objections.

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**5. Approve Minutes from March 11 teleconference**

<ftp://ftp.pwg.org/pub/pwg/ids/minutes/IDS-call-minutes-20100325.pdf>

There were no objections to the previous Minutes.

**6. Review Action Items**

NOTE: The latest Action Item spreadsheet is available at: <ftp://ftp.pwg.org/pub/pwg/ids/ActionItems/>

There were no updates to any action items since the March 11 conference call.

AI 028: Jerry Thrasher will send a note to Mike Fenelon to find out if/how it is possible to handle multiple SHVs for the same environment, the same device class, and [possibly] the same SMI number (i.e., PWG)?

→ *A call has been made; a message has been left. No response from anyone at Microsoft.*  
→ **ABANDONED**

AI 032: Joe Murdock will to develop a “Market Rationale” document – with help from within Sharp.

→ *Ron Nevo is now also working on this*  
→ **PARTIAL – first draft published**

AI 033: Randy Turner will contact Symantec (when appropriate) to encourage discussion with the PWG about a SHV.

→ *This AI is blocked, awaiting market rationale to send to Symantec (see AI #032).*  
→ **ON HOLD**

AI 034: Randy Turner will investigate Symantec’s products and their method(s) to “remediate noncompliant endpoints.”

→ **OPEN**

AI 035: Joe Murdock will investigate Microsoft’s method(s) of remediation. [Is it accomplished by passing a URL?]

→ *It is accomplished by passing a URL. Will get more details.*  
→ **PARTIAL**

AI 038: (For binding documents) Investigate localization issues.

→ **OPEN**

AI 041: (For Remediation) Look into providing a remediation URL.

→ **OPEN, unassigned**

AI 042: (For Attributes) Add a table of XML data type mapping for the semantic model and some brief normative text suggesting these items should be added to the MFD system object.

→ **OPEN**

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AI 044: (For NEA Binding) Recast the NEA Binding document as a TCG TNC Binding document.

→ *OPEN, assigned to Randy Turner*

## **7. Review document status**

There were some minor changes to HCD\_ATR <ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-idsattributes10-20100405.pdf>. A datatype table was added as section 2.3. A table of keyword mapping was added as section 6. The group concluded that the table in section 6 was not needed, and instead this section should reference the semantic model (to which the mapping should be added):

AI 045: Add HCD attributes to the system object in the MFD semantic model

→ *OPEN, assigned to Joe Murdock and Pete Zehler*

It was noted that there was some discussion during a previous PWG session that document titles use PWG and “Printer Working Group” inconsistently and sometimes unnecessarily.

AI 046: Change document titles (and page headers, and references to the documents) according to PWG decision to use the acronym and not the entire name “Printer Working Group”.

→ *OPEN, assigned to Joe Murdock*

There were no changes to HCD\_NAP and HCD\_NEA.

## **8. TCG HCWG liaison report**

The report was previously presented during the PWG Plenary, so the group decided to skip this agenda item. The slides from that presentation are here: <ftp://ftp.pwg.org/pub/pwg/tcg/slides/tcg-activity-summary-april-2010.pdf>.

## **9. NEA/IETF update**

NEA is discussing PT issues and has not made much progress. There are two camps, TCG and Cisco.

## **10. NEA->TCG recast discussion/plans**

Randy indicated that there may be some issues that he will investigate through NEA or IDS lists. He plans to have an updated document for review at the next teleconference.

## **11. Remediation specification discussion/plans**

Refer to [ftp://ftp.pwg.org/pub/pwg/ids/white/IDS\\_HCD\\_Standard\\_Remediation\\_20100211.pdf](ftp://ftp.pwg.org/pub/pwg/ids/white/IDS_HCD_Standard_Remediation_20100211.pdf). A variety of issues was discussed and will be addressed in the next draft of the remediation whitepaper. The most difficult issue appears to be whether firewall settings should apply (1) only to the network interface on which the health check is being performed, (2) uniformly to all network interfaces on the HCD, or (3) differently to each network interface on the HCD.

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## 12. Market rationale discussion/plans

Refer to: [ftp://ftp.pwg.org/pub/pwg/ids/wd/IDS\\_HCD\\_Rationale\\_20100407.pdf](ftp://ftp.pwg.org/pub/pwg/ids/wd/IDS_HCD_Rationale_20100407.pdf). The group made a variety of suggestions and edits. The overall scope and level of detail of the draft was considered to be appropriate. Joe will update and post a new draft for the next teleconference.

## 13. IDS futures

### 13.1 Vendor application support

Randy asked if any vendors have been doing prototype work with 3<sup>rd</sup> party software. Sharp has been working with SCCM. Randy has not found other NAP/TNC-related software from large vendors except for Microsoft and Symantec.

Ira found a link to trialware from Symantec for their NAC software [http://www.symantec.com/business/products/support.jsp?pcid=pcat\\_security&pvid=1304\\_1](http://www.symantec.com/business/products/support.jsp?pcid=pcat_security&pvid=1304_1) and also found a hardware/software product from Nortel (now Avaya) here: [http://en.wikipedia.org/wiki/Avaya\\_Secure\\_Network\\_Access](http://en.wikipedia.org/wiki/Avaya_Secure_Network_Access).

Randy mentioned that the US government and some large vendors are working on security policy systems that have some overlap with NAP/TNC, called SCAP. Joe reminded us that Pete Cybuck had given a presentation about SCAP to the IDS group some time ago. Ira provided a link to a NIST presentation about SCAP: [http://nvd.nist.gov/scap/docs/SCAP\\_Compliance\\_Program\\_Briefing\\_v4.ppt](http://nvd.nist.gov/scap/docs/SCAP_Compliance_Program_Briefing_v4.ppt). The group concluded that we should take another look at SCAP.

AI 047: Take another look at SCAP and figure out what if anything to do in IDS
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→ *OPEN, unassigned*

### 13.2 Authorization Framework for Hardcopy Devices

There was some discussion about whether this is for device authentication or user authentication.

For device authentication, these are some of the topics that were discussed:

- Federation services?
- Service/Application Authentication
  - Authenticate the device, do we need to authenticate the individual services?
- Simple Certificate Enrollment Protocol
  - Private key issues?
  - Rather do a Certificate Request?
- WS-Security?
- WS-Federation?
- SASL
- Certificate Renewal/Expiration/Validation
- How do you get the right printer associated with the right data source for certificate

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AI 048: Post a problem statement about authorization to the IDS list

→ *OPEN, Randy*

For user authentication, these are some of the topics that were discussed:

- Authorization/Rights Management
- What is a user allowed to do? And when?
- XACML (OASIS standard)
  - Token reference
  - Common namespaces for authorization
  - Policy namespace and predicate
- Do we want to look into document rights (non-printable, etc)

AI 049: Look at XACML

→ *OPEN, all IDS*

### 13.3 Standard Log File Formats for Printers and MFDs

This topic turned out to be about standard log content (such as to support regulatory requirements), log format (to enable vendor-independent log analysis), and delivery (to protect confidentiality and/or integrity). These are some of the topics that were discussed about standard logs:

- Allow use of automated tools for log analysis
- P2600 audit/event logs
- Job logs
- User Logs
- Error Logs
- Fax log
- Accounting
- Security Faults
- Debug logs?
  - Identify as debug/trace log?
- Where did the document come from/go to?
  - User A sent a document to x and time t
- Log file integrity
- Define common log syntax - XML Schema?
  - Add to MFD System Model?
- Make sure information elements are applicable
- Ensure log security and integrity
  - Signed log files

AI 050: Summarize current log standards for 2600.1

→ *OPEN, Brian*

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AI 051: Compile wishlist for standard log content and format

→ *OPEN, Randy*

#### **14. Summary of New Action Items and Open Issues**

**New action items:**

AI 044: (For NEA Binding) Recast the NEA Binding document as a TCG TNC Binding document.

→ *OPEN, assigned to Randy Turner*

AI 045: Add HCD attributes to the system object in the MFD semantic model

→ *OPEN, assigned to Joe Murdock and Pete Zehler*

AI 046: Change document titles (and page headers, and references to the documents) according to PWG decision to use the acronym and not the entire name “Printer Working Group”.

→ *OPEN, assigned to Joe Murdock*

AI 047: Take another look at SCAP and figure out what if anything to do in IDS

→ *OPEN, unassigned*

AI 048: Post a problem statement about authorization to the IDS list

→ *OPEN, Randy*

AI 049: Look at XACML

→ *OPEN, all IDS*

AI 050: Summarize current log standards for 2600.1

→ *OPEN, Brian*

AI 051: Compile wishlist for standard log content and format

→ *OPEN, Randy*

**No new issues**

#### **15. Next meeting**

The next IDS meeting is a teleconference on April 22, 2010, 13:00-15:00 EDT.

IDS conference call adjourned.