

IDS WG Face-to-Face Minutes June 6, 2012

Meeting was called to order at approximately 9:00am local June 6, 2012.

Attendees

Nancy Chen (Okidata)
Dan Coccio (Xerox)
Ira McDonald (High North/Samsung – call-in)
Mingyi Healy (Xerox – call-in)
Joe Murdoch (Sharp)
Michael St. Laurent (PrinterOn)
Glenn Petrie (Epson – call-in)
Yogesh Rajaraman (PrinterOn)
Alan Sukert (Xerox)
Jerry Thrasher (Lexmark)
Larry Upthegrove (End User – call-in)
Bill Wagner (TIC)
Jay Wang (Toshiba – call-in)
Rick Yardumian (Canon)
Peter Zehler (Xerox)

1. IP Policy and Minutes Taker

- Policy accepted with Nancy taking the minutes

2. Slides

ftp://ftp.pwg.org/pub/pwg/ids/Presentation/2012-06-06_IDS_F2F.pdf

3. Action Items Status

See slide #5.

4. Active Documents

See slide #6: HCD Health Assessment Attributes, HCD-NAP Binding draft, HCD-TNC Binding, IDS-Model draft will be reviewed today.

5. HCD Health Assessment Attributes Spec Review (IDS-ATTR)

<ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-idsattributes10-20120531-rev.pdf>

- Global: Initial caps on all words in section Headings
- Global: Copyright footer corrections needed

6. HCD NAP Binding Spec Review (IDS-NAP)

<ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-ids-napsoh10-20120531-rev.pdf>

- Abstract: Add link to PWG Process 3.0 document.
- Document status on the header of every page: “Working Draft”
- Line 38-40: move “This document is available...” to page 1 below the Abstract.
- Section 11 Author’s Address: Add page break
- Issue: What should be the direction for HCD-NAP now that industry is moving in TNC direction not NAP?
 - This spec stays as a “Prototype” draft?
 - Action Item: Discuss this issue in a future SC meeting.

- Attribute grouping issue: How do we want to handle multiple collections of related information ?
 - Example is multiple firmware versions, where complete firmware version information includes Firmware Name, Firmware Version, FirmwareStringVersion and FirmwarePatches
 - Conclusion: Address this issue in TNC/NEA binding spec. Make a note in this spec as a reminder that this issue should be addressed.

7. TNC/NEA Binding Spec Review (HCD-TNC)

<ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-ids-tnc10-20120422-rev.pdf>

- TNC/NEA spec status update:
 - The first draft of version 2.0 IF-T for TLS (equivalent to NEA PT-TLS spec) is now out for internal comment in TCG fast track forward. TCG TNC spec releases will be in parallel with the RFC releases of NEA PT specs.
 - PT-EAP is now widely deployed in open source and commercial products by Cisco, Microsoft, and others using NAC model. But PT-EAP has the issue of packet size limitation.
 - TNC now put all focus on PT-TLS which facilitates continuous, periodic health monitoring and reassessment. PT-TLS is being strongly pushed by US National security agency and agency from European comparable community as the next generation TNC to use it for continuous health monitoring of devices including those previously never being assessed (e.g. application servers, file servers). NIST is also interested in continuous, periodic health monitoring of all network attached device including infrastructure devices such as routers
- Global changes: Separate lines for a), b), c)..., or 1), 2), 3),... etc.
- NOSKIP: if you do not understand this attribute, do not assess and fail the assessment.
- Line# 557: typo correction "Attibute" => "Attribute"
- Global: Should PWG attributes that are duplicates of TNC mandatory attributes be NOSKIP?
 - In TNC, mandatory automatically means NOSKIP – must be evaluated. SKIP means can ignore the attribute. For PWG duplicates, they must be SKIP to avoid "failing" evaluation when it's already evaluated in TNC and PWG evaluator which does not understand these attributes can simply fail them.
 - Conclusion: replace NOSKIP with SKIP in all PWG attributes. Add an explanatory paragraph at the beginning of Mandatory Attributes or Section 5: All PWG attributes either SHOULD/MUST NOT specify NOSKIP over the wire which forces PWG-specific validator to be present.
- Section 5.1.9:
 - Delimiter: Use 'CR' 'LF' pair as the delimiter of the multi-string values within a single attribute. Declare this at the beginning of the spec: "Do not use this in any attribute value itself."
 - Correction in HCD-Attribute spec: in FirmwarePatches attribute description "Note: Any firmware patches applied to the HCD MUST **NOT** result in a change in the FirmwareVersion attribute."
 - Should FirmwarePatches be mandatory?
 - Optional in layer 2 protocol (PT-EAP), but Mandatory in layer 4 (PT-TLS). Mandating in PT-EAP could fail if the patches is longer than 1500 bytes.

- Provide a note that states that all attributes must be provided in their complete form. Partial attribute values are not allowed. PWG evaluator must be aware that some mandatory attributes may not be provided due to underlying binding protocol limitation.
 - In the binding spec, provide a list of attributes that will not be provided for layer 2 evaluation. But states that HCD should support all these attributes.
- Section 5.2
 - Line 756: Change “before” to “for”.
 - 5.2.9: Change HCD-ATTR spec to make PSTNFaxEnabled mandatory – if fax is not present, automatically fax is disabled. Update TNC binding spec accordingly. Also move this section up to Mandatory Attributes section.
 - 5.2.7: should be “ResidentApplicationStringVersion” not “UserApplicationStringVersion”
 - 5.2.10 TimeSource: Change to mandatory and move to Mandatory Attributes section. Even TLS requires a time source. Null string means no time source.
 - Move all content of section 5.2.2.3 of HCD-ATTR spec to Mandatory Attributes section.

8. Imaging Device Security Model Spec Review (IDS-Model)

- <ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-ids-model10-20120605-rev.pdf>
- Global: correct to Copyright@2011-2012 in all footers
- Global: change to initial caps for all words in Headings
- Section 3.2.1: Title change to “Identify, Authenticate, and Authorize a User”.
- Section 3.2.4: Title change to “Ensure Encrypted Data in Transit
- Section 3.2.8:
 - Imaging Job Confidentiality may not require job content encryption in transit, but requires job content encryption in a Cloud provider and transport security which requires integrity and may not encrypt.
 - Reword device(A) and device(B) etc. and the use case.
- Line 701: change NEA to TNC/NEA
- Page 16: User Role Definitions
 - Local User: A user who has immediate physical access to the machine, for example releasing a job for PIN printing.
 - Administrator: typo “all aspect” => “all aspects”

9. Wrap Up

- No specific action items other than documents editing in progress.
- Next conference call: June 28, 2012, Thursday, 1pm, ET.