

PWG -Imaging Device Security (IDS) Working Group

December 8, 2011

Austin, TX

PWG F2F Meeting

Joe Murdock (Sharp Labs)

Agenda



- 1:15 – 1:30 Administrative Tasks
- 1:30 – 2:00 HCD Attributes
- 2:00 – 2:45 TNC/NEA
- 2:45 – 3:15 IDS Schema
- 3:15 – 3:30 Wrap up

Administrative Tasks



- Select minute-taker
- Introductions
- IP policy statement:
"This meeting is conducted under the rules of the PWG IP policy". If you don't agree, "Mmmmm. Barbecue"
- Approve Minutes from Sept. 22 conference Call

IDS WG Officers



- 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), Joe Murdock (Sharp)
 - HCD-TNC: Ira McDonald (Samsung)
 - IDS-Model: Joe Murdock (Sharp), Ira McDonald (Samsung), Ron Nevo (Samsung)
 - IDS-Log: Mike Sweet (Apple)
 - IDS-IAA: Joe Murdock (Sharp)

Action Items



Action Item #	Entry date	Assignee	Type	Action	Status	Disposition
81	2/3/2011	Joe Murdock	IDS-LOG	Find the user role definitions in the IA&A or schema documents and import them into the LOG document	P	look at XACML, SAML, DMTF, IEEE 2600, and the MIBs, for existing role definitions that we can use
92	4/6/2011	Michael Sweet	IDS-LOG	Update the rational section to higher-level statements (see 4/6/2011 minutes)	P	
96	5/26/2011	Joe Murdock	IDS-Model	Expand scenarios into use cases for security-related cases	P	
112	8/4/2011	Joe Murdock	IAA	add some verbiage to the Security Considerations section about how to handle multiple negotiate security element requests; add security elements to system elements, and security ID to XSSL elements		
116	8/25/2011	Joe Murdock / Ira McDonald	HCD-ATR	Create PWG health attributes registry -- and normalize abstract attribute names so they conform with the semantic model	P	accessible in some way -- attribute name, data type, and number to use
117	10/6/2011	Brian Smithson	2600 SD	provide a review copy of the proposed "terms of reference" to the IDS mailing list		
118	10/6/2011	Joe Murdock	HCD-ATR	Go through the HCD_ATR and HCD_NAP and change the names, data types to the ASN.1 data type names with a mapping table to other data type naming conventions, and codes so that the attributes sort functionally.	C	
119	10/6/2011	Joe Murdock	IAA	Update the security schema to match the latest PWG authentication type	C	

Active Document



- HCD-TNC Binding
 - Interim Draft
<ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-ids-tnc10-20111205.pdf>
- HCD-Assessment-Attributes
<ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-idsattributes10-2011126.pdf>
 - Normalizing Attribute names
- HCD-NAP Binding
<ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-ids-napsoh10-20111126.pdf>
 - Normalizing Attribute names
- IDS-IAA
<ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-ids-iaa10-20111005.pdf>
 - Draft
- IDS-Model
<ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-ids-model10-20111005.pdf>
 - Draft

IDS Attributes



Code	HCD Name	SM Name	Data Type
1	AttributesNaturalLanguage	NaturalLanguageConfigured	String
2	MachineTypeModel	MachineTypeModel	String
3	VendorName	VendorName	String
4	VendorSMICode	VendorSMICode	Integer
20	DefaultPasswordEnabled	DefaultPasswordEnabled	Boolean
21	FirewallSetting	FirewallSetting	OctetString base64Binary
22	ForwardingEnabled	ForwardingEnabled	Boolean
23	TimeSource	TimeSource	String
40	PSTNFaxEnabled	PSTNFaxEnabled	Boolean
60	FirmwareName	Firmware:FirmwareName	String
61	FirmwarePatches	Firmware:FirmwarePatches	String
62	FirmwareStringVersion	Firmware:FirmwareStringVersion	String
63	FirmwareVersion	Firmware:FirmwareVersion	OctetString base64Binary
80	ResidentApplicationName	ResidentApplication:ResidentApplicationName	String
81	ResidentApplicationPatches	ResidentApplication:ResidentApplicationPatches	String
82	ResidentApplicationStringVersion	ResidentApplication:ResidentApplicationStringVersion	String
82	ResidentApplicationVersion	ResidentApplication:ResidentApplicationVersion	OctetString base64Binary
100	UserApplicationEnabled	UserApplicationEnabled	Boolean
101	UserApplicationPersistenceEnabled	UserApplicationPersistenceEnabled	Boolean
102	UserApplicationName	UserApplication:UserApplicationName	String
103	UserApplicationPatches	UserApplication:UserApplicationPatches	String
104	UserApplicationStringVersion	UserApplication:UserApplicationStringVersion	String
105	UserApplicationVersion	UserApplication:UserApplicationVersion	OctetString base64Binary
200	CertificationState	CertificationState	OctetString base64Binary
201	ConfigurationState	ConfigurationState	OctetString base64Binary

IDS Attributes



- IDS-ATTR Specification Review
<ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-idsattributes10-20111204.pdf>
ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-idsattributes10-20111204_rev.pdf
- IDS-NAP SoH Specification Review
<ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-ids-napsoh10-20111204.pdf>
ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-ids-napsoh10-20111204_rev.pdf
- IDS Attribute Reference table
<ftp://ftp.pwg.org/pub/pwg/ids/white/ids-attributes-2011-12-04.xlsx>
<ftp://ftp.pwg.org/pub/pwg/ids/white/ids-attributes-2011-12-04.pdf>
- And yet another “Why do we need security?” article
<http://www.dailytech.com/article.aspx?newsid=23388>



TNC/NEA



- NEA Binding Document Review

<ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-ids-tnc10-20111205-rev.pdf>

<ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-ids-tnc10-20111205.pdf>

IDS IAA and Model



- IDS-IAA Specification Review

 - Schema and WSDL

 - <ftp://ftp.pwg.org/pub/pwg/ids/wd/schema/12-2011/PwgSecurity.wsdl>

 - <ftp://ftp.pwg.org/pub/pwg/ids/wd/schema/12-2011/PwgSecurityOpMsg.xsd>

 - <ftp://ftp.pwg.org/pub/pwg/ids/wd/schema/12-2011/Security.xsd>

Wrap up



- Review of new action items and open issues
- Conference call / F2F schedule
 - Next Conference call January 19, 2012