

IDS Working Group

2008-11-13 Conference Call Minutes

1. Attendees

Randy Turner (Amalfi Systems), Lee Farrell (Canon), Ira McDonald (High North), Dave Whitehead (Lexmark), Brian Smithson (Ricoh), Joe Murdock (Sharp), Ron Nevo (Sharp), Bill Wagner (TIC)

2. Agenda

1. Identify Minute Taker
2. Approval of previous minutes
3. Review Action Items
4. Review NAP Binding document

3. Identify Minutes Taker

Lee Farrell

4. Accept Previous Minutes

Reviewed PWG IP Statement

There were no objections to the teleconference and Face-to-Face Minutes

5. Review Action Items

ACTION: Randy Turner will compile feedback comments from the NEA, and will forward them to the IDS group.

- *Randy said he spoke with Paul Sangster from Symantec. Paul couldn't discuss unannounced products or future plans. However, he did imply that they will have a product that does the aggregation and policy enforcement. Anything in the standard document or IANA registry will be supported. Anything not explicitly in the standard must be provided as a plug in from the vendor. No specific technical details are available at this time. Plug-ins could be local or remote. The interface could be remote, with the plug-ins being local. No details on the roll-out of the product are available at this time.*
- *Randy will send a .pdf file to the group for review.*
- **ONGOING**

Randy said that it would be good if the PWG has a "PWG Plug-in". He noted that the TNC protocol support can be tested with Server 2008. He said that the TNC document will not define the technical interface to the plug-ins. He explained that there will be multiple plug-ins for various uses. "Integrity measurement verifiers" will exist for all standard attributes, and one or more for other sets of attributes. He said that Paul referenced the TCG TNC architecture documents as a source of explanatory information.

Randy also suggested that he would not be surprised if an open source effort for TNC support is planned or already occurring.

Ira noted some TNC architecture documents that have recently been updated.

IDS Working Group

2008-11-13 Conference Call Minutes

ACTION: Joe Murdock will add NAP protocol information to the SOH document and update the conformance section

- *Joe said he would have this done by the Dec face-to-face meeting*
- **OPEN**
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ACTION: Dave will send 7 questions to Mike Fenelon and Erhan Soyer-Osman of Microsoft.

- *Dave believes that the verbiage of NULL terminated strings is exactly what is wanted.*
- *It was also noted that a Microsoft document specification would be needed for developing a plug-in.*
- **OPEN**
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- *Questions for Microsoft:*

1. The NAP spec states UTF-8 string encoding and TLV elements. There is also a statement about strings being NULL terminated. We believe the NULL terminator was inadvertently added since it is not required for TLV elements. That is, do we really need NULL termination?

2. Is it Microsoft's current and future desire/intent/direction for strings to be UTF-8 encoded?

3. Is Microsoft planning any type of interoperability between NAP and Network Endpoint Assessment (NEA) from the TNC? Maybe a gateway?

4. What happens when a device passes assessment under one mechanism but then is challenged again? For example, first over 802.1x to attach and then DHCP to receive an address. Do we need to start the assessment again from scratch or is there a shortcut?

5. It looks like most, if not all, of the evaluation attributes will be extensions to NAP. The only NAP attribute that may be applicable is the Product Name. Is it appropriate for the PWG to use Product Name or should we define all our attributes as extensions?

*6. How can we get the extended PWG attributes to be recognized by the Microsoft validator/assessor? Is this a plug-in supplied by a third party? If this is an industry supported solution, would Microsoft be willing to supply any required plug-in? **If not, then where can we get the required specification that would explain how to write a plug-in independently?***

7. Just to make sure we understand it, the PWG members would really like someone familiar with NAP to profile how it would operate with print devices. Would this be possible?

6. Review NAP Binding Document

Has the NAP Binding document been updated and posted? Ron Bergman had done some updates after the October face-to-face meeting. Brian (the new Editor) said that he has not yet accomplished the remaining identified changes. He confirmed that the major changes were to be some significant deletion of text, with introduction of references to external documents.

IDS Working Group

2008-11-13 Conference Call Minutes

Dave reviewed the Oct 23 draft. It was suggested that Section 4.2.2 and 4.2.3 should use references, rather than listing the actual values, because these might change in the future.

It was also noted that the titles of sections should not include "(Type = xxx, Length = yyy)"

As stated in the Minutes from the October face-to-face meeting,

"It was agreed that the definitions of each attribute mentioned in the binding specification(s) could be modified to reference the attribute definition in the Attributes specification. It was also suggested that the content in the binding document could then be presented in a table format for easier reading."

ACTION: 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.

Dave's comments:

Lots of references to "null terminated UTF-8 string" Need to know if we need "null terminated"

Pg. 7, 4.2.2
Add Compliance result codes (???)

Pg. 7, SMI
Bit 24-31 should be set to 0.

Pg. 8, 4.5.3
Length = 3 octets, but 32-bit value.

Pg.8, 4.5.4
Only blocked or only open, but don't mix them.

Pg 8, 4.5.5
Add references to Attributes document.

Pg. 9, Bits 8 through 32
Bits are 0-31

Pg. 10, 4.6.8
Need to add CorrelationID

Pg. 11, 4.6.15
Specify the length is in bits.

Pg. 12, table
Re-number Code and rename it Sub-Type Code

7. NEA Binding Document

The group still needs an Editor for this document.

IDS Working Group
2008-11-13 Conference Call Minutes

8. December Face-to-face Meeting

Ron and Dave will create an agenda and the corresponding slides for the face-to-face meeting. Currently the following agenda topics were identified:

- Document review
- “PWG Plug-in”

9. IDS Wiki Page(s)

It was noted that the IDS Wiki pages should be updated.

ACTION: Ron Nevo and Dave Whitehead will update the IDS Wiki pages to reflect current status.

10. Next Teleconference

Because of Thanksgiving holiday, the next teleconference will be scheduled after the December face-to-face meeting.