IDS Working Group
2008-11-06 Conference Call Minutes

1. <u>Attendees</u>

Ira McDonald (High North), Ron Nevo (Sharp), Bill Wagner (TIC), Brian Smithson(Ricoh), Glen Petri (Epson), Peter Cybuck (Sharp), Dave Whitehead (Lexmark), Jerry Thrasher (Lexmark), Nancy Chen (Okidata), Shah Bhatti (Samsung)

2. <u>Agenda</u>

1. Identify Minute Taker
2. PWG IP Policy Statement: Reminder of IP Policy
3. Approval of minutes from 10/02/08 teleconference
4. Approval of minutes from 10/23/08 F2F meeting
5. Identify Editors
6. Review Action Items
7. Review Documents

3. <u>Identify Minutes Taker</u>

Since Lee Farrell was not present, Shah Bhatti agreed to take notes

4. <u>Accept Previous Minutes</u>

Reviewed PWG IP Statement
There were no objections to the teleconference and Face-to-Face Minutes

5. <u>Identify Editors</u>

Brian Smithson was editor for NAP bindings.
Jerry Thrasher will continue to edit the Attribute Spec

6. <u>Review Action Items</u>

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

→ *Randy was not present so there was no update.*
→ **OPEN**

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

→ *Joe was not present so there was no update.*
→ **OPEN**

> ACTION: Dave will send 7 questions to Mike Fenelon and Earhan of Microsoft.

→ **NEW**

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?

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?

7. Review of IDS Attributes specification

There was discussion on the following comments:

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Pg. 6, Other Terminology

    additional spaces in definition for Application

    need to add definition for CorrelationID

Pg. 6, Acronyms

    Dynamic Host *Configuration* Protocol

Pg. 7, Rationale

    Remove statement about personal firewalls. Replace personal with host-based.

Pg. 8, Section 4.1

    Will it really be in "Annex x" or a separate document.

Pg. 9, Attributes

    Need to add the string definitions for Version in Firmware, Downloadable
Application, and Resident Application.

    References to Numeric Version in [PA-TNC] should be 4.2.3, not 3.2.3.
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        References to Port Filter in [PA-TNC] should be 4.2.6, not 3.2.6.

        Do we want to add verbiage to Firewall about only specify open/closed ports
with assumption that others are closed/open? (Like NEA)

        HCD_Downloadable_Application_Name has: " ... administrative or maintenance
offline update ..." the word "offline" is out of place.

        Need to "keep together" on HCD_Certification_State

Pg. 10, Attributes

        HCD_Certification_State :   "Since it is being ..." What does this
mean? Need to remove.

        HCD_Configuration_State: change "...include such items default
..." to "... include such items as default ..."

Pg. 11, Conformance

        Need to add strings for Version and make the string and/or numeric
conditionally mandatory.

8. Review of NAP binding specification

We ran out of time and were not able to review NAP bindings and Dave sent out an email with the
following 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

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    Bits are 0-31
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Pg. 10, 4.6.8

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    Need to add CorrelationID
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Pg. 11, 4.6.15

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    Specify the length is in bits.
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Pg. 12, table

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    Renumber Code and rename it Sub-Type Code
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9. **Next Teleconference**

The next teleconference will be on November 13, 2008.