

# IPPV2 Conference Call Minutes

4 PM EDT, July 21, 2008

## Attendees

Ron Bergman	Ricoh
Lee Farrell	Canon
Ira McDonald	High North
Ted Tronson	Novell
Paul Tykodi	Tykodi Consulting
Mike Sweet	Apple (CUPS)
Bill Wagner	Konica-Minolta
Dave Whitehead	Lexmark
Pete Zehler	Xerox

## Review of Previous Minutes

The previous minutes (<ftp://ftp.pwg.org/pub/pwg/ipp/ippv2-minutes/07JUN-Longmont-IPPV2-face-to-face.pdf>) were approved with the comment that the reference to TLS 2.2 should have been to TLS 1.2.

## Review of Latest Draft Spec

The current draft was wd-ippv2-spec10-2008-07-08.doc. All changes were accepted except as noted and commented on.

### **Section 3**

Ira agreed to provide the Rationale and Use Models sections before the next conference call.

Ira also commented that the file name of the working draft spec was not according to PWG standards. Ira will indicate the correct form.

### **Section 4**

Mike noted and Ron agreed that RFC3382, "Internet Printing Protocol (IPP): The 'collection' attribute syntax" should be added as a defining specification to paragraph 4.4 (Enterprise Printer). It is already listed as a normative reference.

It was also suggested later in the meeting that this section explicitly state that each level of IPP2.x must support the attributes required by the existing IPP standards identified as being supported by that that IPP2.x level

(editorial comment: should this section use “MUST” rather than “should”?)

## ***Section 5***

It is understood that the operations listed as “Optional” are operations in the definitive standards identified in Section 4 for each IPP 2.x level that are not mandatory for the corresponding IPP2.x level. It was suggested that a statement be added to paragraphs 5.2 and 5.3 to the effect that operations defined in any other IPP standard may also be optionally implemented without affecting the validity of the service’s IPP revision level.

## ***Section 6***

The suggestion evolved that this section be re-titled “Conformance Requirements”, and that it include:

- a. Requirement for conformance to the HTTP TLS Upgrade Spec ( RFC2817)
- b. Requirement for conformance to HTTP Chunking Spec
- c. Requirement for conformance to other current HTTP-related standards
- d. Examples of proper handling of unsupported features including Media Collections and Document attributes

Mike agreed to provide examples related to Media Collections. Ira agreed to provide examples related to Documents.

## ***Section 7***

Ira suggested that recommended conformance to RFC5198, Unicode Format for Network Interchange (Network Unicode) be added. Mike suggested that it be a requirement.

## ***Section 8***

It was agreed at the face-to-face that the security requirement be updated to reflect changes in this area since the derivative IPP specs were released. Suggestions included TLS1 and perhaps improved methods such as AES. Ron and Ira agreed to work on this.

## ***IANA and PWG Considerations***

Ira indicated that a section relative to registration considerations was customarily included.

## ***Section 9***

The references added to the text would need to be added to the references section.

## ***Section 10***

Ira suggested that Jerry not be listed as an author and that he should be listed as an author, in concurrence with the project charter.

## **Other Comments**

Mike suggested as “food for thought” that the specification should include a mandatory

document format, or at least one of a defined set of document formats. Specific formats suggested included PDF and JPEG. It was opined that getting agreement on a meaningful set might be difficult, and that PWG members were unlikely to approve the concept in general. It was decided that a feeler be put out on the mailing list.

Ira's suggestion that a similar requirement that one of a defined set of media must also be supported was not accepted.

### **Next Steps / Open Actions:**

1. Next teleconference on August 4.
2. Ira will contribute Section 3 for inclusion in the draft before the next conference call.
3. Ira and Ron will work on the Security Section for inclusion in the draft before the next conference call.
4. Ron will incorporate other reference changes into the draft.
5. Mike will put out a message to the List relative to a Standard Document Format