

# Internet Printing Protocol WG Minutes

## August 7, 2012

Meeting was called to order at approximately 1:30pm PT August 7, 2012.

### Attendees

Nancy Chen (Oki Data)  
Matthew Hansen (Toshiba - call in)  
Justin Hutchings (Microsoft)  
Ira McDonald (High North - call in)  
Joe Murdock (Sharp, IDS WG Co-Chair)  
Ron Nevo (Samsung)  
Michael Sweet (Apple - call in)  
Jerry Thrasher (Lexmark)  
Paul Tykodi (TCS - call-in)  
Larry Upthegrove (End-User - call in)  
Bill Wagner (TIC)  
Rick Yardumian (Canon)  
Pete Zehler (Xerox)

### Agenda Items

1. IP Policy and Minute Taker
  - a. Policy accepted with Mike taking the minutes
2. Slides
  - a. ipptool: how far to take this?
    - IPP Everywhere tests for sure
  - b. How to get better participation?
    - Mike doesn't have resources to do it
  - c. ipptool downloads: ~200 in March 2012, not much since
  - d. certification:
    - PWG not structured for it
    - USB-IF requires certification and publication of results
    - TCG does plug-fests and self-certification with verification by TCG admins (no public disclosure)
    - Q: Is there interest in having a PWG Certification Process for IPP Everywhere?
      - Vendor would submit test results to PWG officer to get certification from PWG (need to work out details of how those are generated)
      - Scope of testing? Just required operations, attributes, values, formats? Do we want to differentiate for things like PDF and XPS?
      - No disclosure of results to membership
      - A: There is interest, future work?
3. Review MSN2
  - a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-pwgmsn20-20120725-rev.pdf>
  - b. Abstract: Make less specific
  - c. Section 1:
    - Line 141: "Media properties/names for ..."
    - Line 146-150: properties instead of listing each one
  - d. Section 1.1:
    - Names only, not doing numbers like weight, etc.
    - Line 160: Provide example of size where orientation is provided separately.

- Line 165: Lookup CUPS references and provide implementation advice.
- Line 175: "The sRGB reference values ..."
- e. media type:
  - Add glass-colored
  - Q: What about printable electronics?
    - A: Can add in a future spec
  - "are" -> "is" as needed
- f. Delete old comments (reconciled)
- g. Line 401: Bad indentation
- h. Section 5.1: Add forward reference to 5.1.3 for long-dim == 0
- i. Section 5.1.3: Replace "good" and "bad" with "valid" and "invalid"
- j. Section 5.1.8:
  - Lines 556-557: "from" instead of "as small as" and "would" instead of "might"
  - Line 562: "would" instead of "might"
- k. Global: "may" -> "can" or "could", "might" -> "would"
- l. Global: Avoid references to the future or time travel
  - Line 505: drop sentence
  - Look for "in this specification"
- m. Table 5:
  - medium-photo should have a hyphen (currently uses underscore)
- n. Section 9:
  - Delete first paragraph
  - Move second paragraph after numbered list
- o. Section 11:
  - "The media property names defined ..."
  - Add glass-colored media-type
- p. Section 16:
  - Drop it
- q. Section 17: Move before editors and references
- r. Action: Mike to post stable draft of MSN2 for WG Last Call
- 4. Review IPP Everywhere:
  - a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeve10-20120724-rev.pdf>
  - b. Lines 988-999: media-supported
  - c. Global: "might report" -> "could report" or "would report"
  - d. Change ranges of dimensions (N-M) to "N to M".
  - e. "in width" -> wide
  - f. "in length" -> long
  - g. Section 4.2.3:
    - After "here are the limits of a TXT record" we list a LOT of keys. How to determine what is important?
    - DUUID + UUID = 20% of 400 octets?
    - What about UUIDs for other services?
      - That will be a job for system control service
    - Add text for multiple print service devices: primary/default is listed in TXT record, others accessible indirectly, no multiple queue reporting due to interoperability/stability issues.
    - Update text to identify 400 octet limit is unicast DNS limit and 1300 octets is multicast DNS limit (up to 64k for DNS over TCP)
  - h. Section 4.2.3.8:
    - Make DUUID optional
  - i. Section 6.1: "Supporting Long-Edge Feed Media with PWG Raster Format Documents"
  - j. Sections 9.1 and 9.2: Add bullets for sections 6.1, 10, 11, 13

- k. Section 10: Add network unicode references a la JPS3
- l. Global: Update JPS3 references to PWG 5100.13
- m. Action: Mike to post F2F review comments as last call feedback for IPP Everywhere

## Next Steps / Open Actions

- Next conference call is August 20th at 3pm ET
- Discuss priorities for future work
- Discuss possible PWG Certification of IPP Everywhere
- Action: Mike to post stable draft of MSN2 for WG Last Call
- Action: Mike to post F2F review comments as last call feedback for IPP Everywhere
- Action: Ira to change informative reference to IPP Everywhere in IPPS URI Scheme to point to the IPP WG instead (PENDING)
- Action: Ira/Bill to submit technical errata to RFC 3805 to replace CR with CR + LF to be consistent with 5198 and others (PENDING)
- Action: Ira/Mike to contact IETF ADs to get IPPS URI schema RFC pushed through (PENDING)
- Action: Mike to change document template to use static date in header (ONGOING - pending upload to ftp server)
- Action: Mike to post prototype draft of MSN2 (PENDING)
- Action: Ira to check syntax for multi-valued strings and length limits in LDAP Printer schema (ONGOING)
- Action: Ira and Mike to review 5100.x specs to remove action items, fix boilerplate copyright text in early specs, fix header/footer/document titles as needed, and fix normative references to drafts, etc. (ONGOING)
- Action: Ira and Mike to work with IANA to update registry to include a "set allowed" column for attributes and improve the plain text formatting (ONGOING)
- Action: Mike and Paul to reach out to label/portable printer vendors to join IPP WG discussions (ONGOING - both to send summary to ipp list and details to SC list)