

Internet Printing Protocol WG Conference Call Minutes

July 9, 2012

Meeting was called to order at approximately 3:00pm ET July 9, 2012.

Attendees

Nancy Chen (Oki Data)
Tim McCann (Konica Minolta)
Ira McDonald (High North)
Glen Petrie (Epson)
Yogersh Rajaraman (PrinterOn)
Michael Sweet (Apple)
Larry Upthegrove (End-User)
Bill Wagner (TIC)
Rick Yardumian (Canon)

Agenda Items

1. IP Policy and Minute Taker
 - a. Policy accepted with Mike taking the minutes
2. Review previous minutes:
 - a. <ftp://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20120606.pdf>
 - b. Approved with correction to title (Face-to-Face, not Conference Call)
3. Status of PWG Formal Vote on IPP JPS3
 - a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobprinterext3v10-20120627.pdf>
 - b. ends 27 July 2012
 - c. 6 yes votes so far
4. Status of WG Last Call on IPP Everywhere
 - a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeve10-20120627.pdf>
 - b. ends 13 July 2012
 - c. No comments received thus far
5. Review of LDAP Printer Schema
 - a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/draft-mcdonald-ldap-printer-schema-02-20120520.pdf>
 - b. Line 925-928: Break out as an implementation note
 - c. Add a note for printer-name: align with IPP Everywhere for name values
 - Note: For interoperability, values of this attribute: (a) SHOULD be normalized as recommended in Unicode Format for Network Interchange [RFC5198]; and (b) SHOULD not contain any C0 or C1 control characters except for HT.
 - d. 4.x: Add notes for xxx-supported's that report multiple instances instead of using delimiters (e.g. printer-xri-supported, printer-charset-supported, etc.)
 - e. Double-check xxx-supported to make sure that multiple values are represented the same way as 3712 for existing attributes.
 - f. Add notes about how to handle overflow for comma-delimited strings, particularly printer-finishings-supported - multiple instances, implied comma between values, e.g.:
 - one-fish,two-fish
 - red-fish,blue-fish
 - g. Introduction that outlines that some attributes use comma-delimited, but all attributes can be encoded as multiple instances for values
 - h. 4.20: Add a note that this differs from the corresponding IPP attribute; mapped from

- the largest reported value
 - i. Line 1404: "the" clipped from end of line
 - Check all no-fill blocks
 - j. 4.22: Split examples into sizes, types, and colors
 - k. Lines 1466/67: Add spaces after delimiters
 - l. Add note at top of section 4 about network unicode - requirement is SHOULD for backwards compatibility, but new implementations are strongly encouraged to use it.
 - Also talk about security implications of control characters in things like printer-aliases
 - m. 4.32: Add a third example showing comma-delimited values
 - Global check for all comma-delimited attributes, examples should include both single- and multi-valued example strings
 - n. 4.34: Add network unicode note, a la printer-name
 - o. 4.35: Add list of important keys from IPP Everywhere/required parameters from 5107.2: CMD, MDL, MANU?
 - p. Lines 1801-1804: Fix
 - q. 4.37, 4.38: Add examples with "urn:uuid:" prefix (for clarity)
 - r. All new JPS3 attributes:
 - Add reference to JPS3
 - Add examples
 - s. 4.41:
 - Line 1936: Add "geo:" to description
 - t. 4.42:
 - Add a single-value example other than 'none'
 - Add 'unknown' to list of examples and explanation
 - Drop "ipp-everywhere" from example and list of registered values
 - u. 7.2:
 - Lines 2136-2138: Remove
 - Lines 2164-2213: Shift table/column to prevent truncation of new OIDs
 - v. 10.1: Drop reference to IPP Everywhere
 - Action: Ira to change informative reference to IPP Everywhere in IPPS URI Scheme to point to the IPP WG instead
 - w. 10.2: Add reference to IPP WG
- 6. Discussion of priorities for IPP Multifunction specs
 - a. IPP System Control Service
 - b. IPP Resource Service (e.g., for firmware and fonts)
 - c. IPP Shared Infrastructure Extensions (for Cloud)
 - d. others
 - e. Deferred to next conference call

Next Steps / Open Actions

- Next conference call is July 23rd at 3pm ET
- Discuss priorities for future work
- Review updated MSN2 draft, prepare for PWG Last Call
- Review slides for August 2012 F2F
- Action: Ira to change informative reference to IPP Everywhere in IPPS URI Scheme to point to the IPP WG instead
- Action: Mike to put out a stable draft of JPS3 for PWG Formal Vote with change for JT5 (DONE)
- Action: Mike to post a stable draft of IPP Everywhere for WG Last Call (DONE)
- Action: Mike to add roll media names to MSN2 (DONE)
- Action: Mike to add roll-fed media-col-ready/database information to IPP Everywhere

(DONE)

- 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 to send registry updates to Mike for some bad references to 5100.5 - should be 5100.3 (CLOSED)
- Action: Ira to check matching rule OIDs on lines 1766-1772 and post updated LDAP Schema RFC (DONE)
- 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)