

Internet Printing Protocol WG Conference Call Minutes

October 17, 2011

Meeting was called to order at approximately 1:00pm Eastern Time October 17, 2011.

Attendees

Nancy Chen (Oki Data)
Justin Hutchings (Microsoft)
Tim McCann (Konica Minolta)
Ira McDonald (High North/Samsung)
Glen Petrie (Epson)
Jim Sommer (Monotype Imaging)
Michael Sweet (Apple)
Rick Yardumian (Canon)

Agenda Items

1. IP Policy and Minute Taker
 - a. Policy accepted with Mike taking the minutes
2. Review of previous face-to-face minutes:
 - a. <ftp://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20111004.pdf>
 - b. Fix title - "Face-to-face" not "conference call"
 - c. Otherwise approved as posted
3. Status of IANA IPP Registry corrections
 - a. <http://www.pwg.org/ipp/ipp-registrations.xml>
 - b. Ira to submit latest fixes to IANA per Mike's OK?
 - OK to go with this round
 - c. Action: Mike to send Ira the new XML and a diff
4. Status of IPP Interoperability Event - started at October F2F
 - a. <http://www.cups.org/software.php> (CUPS 'ipptool' download)
 - b. usage - Ira suggests '-X' (XML) report format for best analysis
 - c. issues - any problems found w/ 'ipptool' by PWG users?
 - Ira: Some truncation problems in the XML output - missing close elements
 - Mike: Fix for that coming
5. Status of IPP over HTTPS Transport Binding and 'ipps' URI Scheme
 - a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/draft-mcdonald-ipps-uri-scheme-03-20110826.pdf>
 - b. plaintext IETF I-D converted to PDF w/ line numbers
 - c. almost ready to send to IETF Apps ADs as an Independent Submission
 - d. Ira to update per IPP WG review on 19 September
6. Review of LDAP Printer Schema - update to RFC 3712
 - a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/draft-mcdonald-ldap-printer-schema-00-20111002.pdf>
 - b. plaintext IETF I-D converted to PDF w/ line numbers
 - c. IBM has assigned a permanent OID subtree for LDAP and other PWG uses
 - d. many thanks to Pat Fleming and John McMeeking!
 - e. Q: Why no version number in document title?
 - A: IETF is not doing version numbers for LDAP schema, we can still refer to it as an update in the spec text.
 - f. Line 501-511:
 - Delete printer-organization and printer-organizational-unit (O and OU already

- cover them)
- Add printer-charge-info-uri, printer-uuid to URI discussion in section 1
- Add device-id to case matching in section 1
- Add printer-charge-info
- Action: Mike to add printer-charge-info to table in IPP Everywhere 1.0, add conformance requirements for LDAP, note LDAP/SLP limitations on string lengths (127 or 255 octets)
- Line 574: "ipp-extensions-supported" -> "ipp-features-supported"
- Line 707: Add printer-charge-info
- Lines 709-710: "extensions" -> "features"
- Everywhere: Change IPPJPS3 reference name to PWG5100.JPS3 with comment (.JPS3 will be assigned before publication)
- Line 813: Add "negotiate" as a value of auth, and add JPS3 reference in 806-807, point to IANA registry
- Lines 824-826: Use example.com domain
- Lines 1211-1218: Add reference to the IANA registry somehow...
- Everywhere: Add references to IANA registry for other enum/keyword values
- Line 1254: "are" instead of "include" (no other sides values)
- Line 1270: Add reference to registry.
- Line 1299: Add PWG custom media size "custom_purchasing-form_8.5x11in"
- Line 1301: Use PWG name here?
- Add normative reference to PWG MSN
- Lines 1336-1337: Move second note to its own paragraph.
- Action: Mike to add note for DNS-SD TXT record limits
- Line 1490: Add reference with source property to RFC 3805, values defined "are" not "include"
- Line 1517: Ditto
- Line 1538: Ditto
- Sections 4.35 and later: Add OIDs from IBM's provided sub-arc for PWG when we are confident there are no more changes
- Line 1588: Note that IPP printer-device-id is text(1023), add some discussion here about truncation being inappropriate, maybe list important/required key/value pairs.
 - Action: Mike to add printer-device-id discussion to require required key/value pairs first to avoid issues with truncation by directory services
- Add notes for other attributes that have a larger length than LDAP/SLP schema
- Section 4.36: Add printer-charge-info before here
- Line 1629: "must conform to the 'geo' URI scheme"?
- Section 4.38: extensions -> features
- Lines 1648-1651: Delimiter? Examples?
- Check how multiple strings are handled for LDAP or SLP for all attributes, document which attributes can have multiple values
- Sections 4.39, 4.40: Remove
- Line 1703: must instead of should
- Action: Ira to check matching rule OIDs on lines 1766-1772 of the LDAP schema RFC
- Line 1929: extensions -> features
- Lines 1926-1932: Discuss OID arc management at next SC meeting
- Everywhere: Update IPP Everywhere references to PWG5100.EVE

Next Steps / Open Actions

- Next conference call October 31, 2011 at 1:00pm (ET) FOR 2 HOURS
- Ira to post updated LDAP Schema RFC
- Review new JPS3 draft
- Action: Mike to send Ira the new XML and a diff
- Action: Mike to add printer-charge-info to table in IPP Everywhere 1.0, add conformance requirements for LDAP, note LDAP/SLP limitations on string lengths (127 or 255 octets)
- Action: Mike to add note for DNS-SD TXT record limits
- Action: Mike to add printer-device-id discussion to require required key/value pairs first to avoid issues with truncation by directory services
- Action: Ira to check matching rule OIDs on lines 1766-1772 of the LDAP schema RFC
- Action: Mike to add document content password attrs to JPS3 (DONE)
- Action: Ira to send number-up-supported fix to IANA (PENDING)
- Action: Ira and Mike to work with IANA to update registry to include a "set allowed" column for attributes (ONGOING)
- Action: Ira to post plain text errata for 5100.7 - document-format-device-id needs to be text(1023) (ONGOING - need to work with SC since there are more errata)
 - Make sure media-material IANA registration line is removed from 5100.x
- Action: Mike to make first-index and media-col unconditionally REQUIRED in JPS3 (DONE)
- Action: Mike to put together slide comparing the definitions of sheets, images, and impressions in ISO DPA, IPP, Printer MIB, Counter MIB, Job MIB, SM, lost color spec? for the next F2F (DONE)
- Action: Mike to add "automatic" from 3.12 for JPS3 "print-rendering-intent" (DONE)
- Action: Mike to add pages-per-subset from 5100.4 to JPS3 (DONE)
- Action: Mike to add proposed job-originating-user-uri text to JPS3 (DONE)
- Action: Pete to add definition of "impressions" to future Semantic Model document (Mike to send reminder)
- Action: Pete to ask Xerox legal about running LGPL executables (ONGOING)
- Action: Mike to ask Apple legal about releasing iptool under alternate license (ONGOING)
- Action: Ira and Glen to send additions from JDF and JTAPI to Mike (ONGOING - Glen sent a bunch, Ira will send as part of mapping work)
- Action: Mike to post updates to common use cases, IPP Everywhere, JPS3, and PWG Raster by F2F (DONE)
- 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)