

Internet Printing Protocol WG Conference Call Minutes

April 9, 2012

Meeting was called to order at approximately 3:00pm Eastern time April 9, 2012.

Attendees

Nancy Chen (Oki Data)
Justin Hutchings (Microsoft)
Ira McDonald (High North/Samsung)
Glen Petrie (Epson)
Michael Sweet (Apple)
Paul Tykodi (TCS)
Larry Upthegrove (End User)
Bill Wagner (TIC)
Rick Yardumian (Canon)
Pete Zehler (Xerox)

Tim McCann (Konica Minolta)

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-concall-minutes-20120326.pdf>
 - b. Action: Ira to check syntax for multi-valued strings and length limits in LDAP Printer schema
 - c. Approved as posted
3. Status of PWG Raster vote (ends 13 April)
 - a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp raster10-20120314.pdf>
 - b. Have quorum, will get vote and process approved at next SC concall
4. Status of IPP Everywhere specs
 - a. Updated IPP Everywhere and JPS3 specs posted
 - b. MSN2 later this week or next week
 - JPS3 and EVE have normative reference to MSN1
 - JPS3 extends MSN1
 - MSN2 normative references JPS3
 - c. IPPS needs minor update; ready for submission to IETF for last call
 - d. LDAP Printer Schema needs further updates and review
 - e. Short WG last call of JPS3 starting today, ending next Wednesday
 - f. PWG Last Call of JPS3 starting no later than April 23 (before April F2F)
5. Review of LDAP Printer Schema
 - a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/draft-mcdonald-ldap-printer-schema-01-20120403.pdf>
 - b. Section 1, line 246: Fix reference to JPS3
 - c. Global: Look for additional references in parenthesis - should be [ref], with proper document numbers
 - d. Section 3.5? Need to add reference to IPPS URIs?
 - e. Add ABNF for ipp URIs to SLP schema
 - f. Line 870: HTTP/1.1 Digest (not Basic)
 - g. Line 871: Check for PKI/X.509 reference, maybe RFC 5246?

- h. Sections 4.5, 4.6, 4.8, and any other plain text attributes: Add some boilerplate description/discussion of charset/normalization (Unicode - Network Text RFC reference)
 - i. Section 4.9: Add IPPIANA reference for versions, 1.0 is obsolete, 1.1 is RFC 2911, 2.x is PWG 5100.12, etc.
 - j. Action: Mike to update MSN2 title back to Media Standardized Names
 - k. Action: Ira to update charter to use Media Standardized Names for MSN2 title
 - l. Lines 1349-1351: Change to new-form PWG standard names (no legacy examples)
 - m. Line 1410: Improve wording
 - n. Sections 4.25, 4.31, 4.32, 4.33 (and anywhere else we added 'unknown'): The unknown value is reported only if the corresponding -supported attribute is not reported via IPP. This is an artifact of the mapping
 - o. Global: change "must conform" and "should conform" to just "conform", "should not" becomes "do not", etc?
 - Ira will check what IANA wants for an informational RFC
 - p. Section 4.39: Make a complete list from JPS3, with references to specs that define the corresponding features, like authentication methods
 - q. Check for ISO 10175 reference
 - r. Add device-uuid and device-service-count (printer-device-xxx)
 - s. Fix section 1.1 matching rules for URI
 - t. Line 2120: RFC 2119 reference needs BCP number in text
 - u. RFC 2617, RFC 3987, RFC 5246, STD 63 should be normative references (check others - 1951/1952/1977?)
6. Review of IPP Everywhere
- a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeve10-20120408-rev.pdf>
 - b. Section 2.2:
 - Check that Logical and Physical printer definitions match ISO 10175 (DPA) and add normative reference
 - Printer: Mention fan-out specifically with reference (RFC 3998?)
 - Job: zero or more Document objects
 - c. Section 2.3:
 - Secure Print: "... and/or physical security", add inline references to JPS2 and JPS3
 - d. Section 3.3:
 - #2: "The actual" (not "action")
 - #4: "... (however, extension of ..."
 - e. Section 4.1:
 - Fix broken reference to Table 1
 - f. Table 1:
 - Figure out what to do for device-service-count, device-uuid
 - Add generic note for any unmapped values with reason (e.g. omitted for space reasons)
 - g. Section 4.2.2:
 - Accuracy: 9×10^9 MUST be used for unknown, consumer GPS receivers typically provide 10m accuracy
 - h. Section 4.2.x:
 - Talk about RFC 2136 for dynamic updates for traditional DNS
 - MUST for mDNS
 - CONDITIONALLY REQUIRED for dynamic DNS
 - i. Line 588: Fix missing reference
 - j. Stopped at 4.2.3

Next Steps / Open Actions

- Review F2F slides and remainder of IPP Everywhere at next Cloud Imaging concall - April 16, 2012
- Post updated JPS3 (stable) draft and start WG Last Call
- Post updated MSN2 (interim) draft
- Post updated IPP Everywhere (prototype) draft with changes accepted through 4.2.3
- Action: Ira to check syntax for multi-valued strings and length limits in LDAP Printer schema
- Action: Ira to update charter to use Media Standardized Names for MSN2 title
- Action: Mike to update MSN2 title back to Media Standardized Names
- Action: Ira to send registry updates to Mike for some bad references to 5100.5 - should be 5100.3 (ONGOING)
- Action: Randy to supply updated wording for section 4.2.2 on DNS LOC records (DONE)
- Action: Mike to update media name ABNF and provide regular expressions for validation in SM Schema (DONE)
- Action: Ira to check matching rule OIDs on lines 1766-1772 and post updated LDAP Schema RFC (ONGOING - part of next update to draft)
- Action: Mike to fix operations table for additional semantics in IANA IPP registry (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)