

Internet Printing Protocol WG Minutes

January 13, 2014

Meeting was called to order at approximately 3:00pm ET January 13, 2014.

Attendees

Smith Kennedy (HP)
Daniel Manchala (Xerox)
Ira McDonald (High North)
Mike Sweet (Apple)
Paul Tydodi (TCS)
William Wagner (TIC)

Agenda Items

1. IP Policy and Minute Taker
 - a. Policy accepted with Mike taking the minutes
2. Review of previous minutes
 - a. <ftp://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20131216.pdf>
 - c. Approved as posted
3. Status of various IPP documents (Ira/Mike)
 - a. IETF LDAP Printer Schema (Ira)
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/draft-mcdonald-ldap-printer-schema-05-20130919.pdf>
 - pending edits per IETF Apps Area review by Alexey Melnikov (email 18 November)
 - review Alexey's comments and decide on appropriate edits
 - Ira will post proposed response to the apps area review to the IPP list
 - b. IETF IPP over HTTPS Binding and 'ipps' URI Scheme (Ira)
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/draft-mcdonald-ipps-uri-scheme-09-20131105.pdf>
 - edits in response to IETF Apps Area review by Tom Petch
 - awaiting IETF Apps Area WG feedback and further IETF reviews
 - c. IPP Scan (Pete)
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippscan10-201301230.pdf>
 - review after Cloud WG (20 January) and February PWG F2F
 - d. IPP Shared Infrastructure Extensions (Mike)
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsix10-20131209-rev.pdf>
 - Prototype draft
 - waiting for prototype reports
 - e. IPP Self-Certification (Mike)
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert10-20131014-rev.pdf>

- waiting for new draft from Mike (from October F2F review)
- 4. Review of IPP Finishings v2.0 (Mike)
 - a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippfinishings20-20130814.pdf>
 - b. continue review at section 5.1 (from 23 September)
 - c. Section 5.1.3:
 - Break up into 5100.1-2004 and 5100.1-2014 values
 - d. Add appendix/tables showing the mapping to/from Finisher MIB, JDF, and OP JTAPI
 - Maybe add MIB registrations as needed, reconcile any differences?
 - e. Section 5.2:
 - Update last sentence - "none" is not a value for finishings-col, but "noValue" out-of-band value is.
 - f. When to use finishings vs. finishings-col
 - Client: whenever finishings-col-ready is supported by printer
 - Printer: whenever there is more than 1 finishing process available
 - g. JDF discussion:
 - For mapping, FinishingsColReady can provide the canonical ordering of finishing operations, when necessary
 - finishings-col and finishings are explicitly unordered lists - the Printer MUST NOT require a particular ordering and MUST re-order as needed
 - h. Table 1: Add laminating for type of lamination, baling for bale type, etc.
 - i. Section 5.2.3.2 (coating-type)
 - Add example for archival - UV protectant
 - Change "white" to "translucent", no reference to color, "is coated to produce a translucent surface" or something like that
 - Intention is to coat the the entire sheet or marked area, no manual control over the area that is coated.
 - Add note: do we need coating-color
 - j. Section 5.2.4.1 (covering-name)
 - Make type2 keyword l name
 - Add "blank", "pre-printed", "pre-cut" keyword values
 - k. Section 5.2.5 (folding)
 - Add note that this set IS ordered
 - Add note that diagonal folds are explicitly not supported (origami is out of scope)
 - Add diagram/figure/examples of folding-direction for standard fold-xxx values
 - l. Section 5.2.7 (stitching)
 - Line 664: Change "notice" to "note"
 - Move lines 673-694 to the 5.2 intro since it applies to multiple finishing options
 - Change Stitching Axis, etc. to Finishing Axis, etc.
 - Fix order of -offset and -locations subsections
 - m. Section 5.2.8 (trimming)
 - Rename trimming-location to trimming-offset
 - n. Global: -offset for distance from reference edge, -location for distance

- o. along reference edge
- o. Add to introduction: finishing is about intent, not process. Ordering is the exception, not the rule (printer provides ordering as needed)
- p. Section 7:
 - Expand on this...
- q. Mike to produce new draft for F2F review
- 5. Review of IPP Implementor's Guide v2.0 (Smith)
 - a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippig20-20140109-rev.pdf>
 - b. continue review at section 7.4 (from December 16, 2013 meeting)
 - c. 9.1:
 - There are pending updates to HTTP/1.1 that will obsolete RFC 2616
 - Recommend a review of the HTTP stack to ensure conformance to the HTTP/1.1 update
 - TBD: More specific text about clarifications in the new RFCs
 - d. Delete section 9
 - e. Move 9.1 to 8.1
 - f. Move 9.2 to informative appendix after body of spec/references ("HTTP/2.0 (Informative)")
 - Informative for now
 - Do a binding document for IPP over HTTP/2.0 when HTTP/2.0 is done
 - Include caveat that no formal binding of IPP over HTTP/2.0 is defined
 - g. Move section 10 content back to section 6
 - Recommend support for notifications for job and printer status monitoring
 - Note advantages (no polling, less connection setup overhead, etc.)
 - h. How do we limit the scope of this document?
 - Limit to common implementation/interoperability issues/questions
 - Also basic use cases (printing, monitoring)
 - Do IIG3 for multifunction stuff (2-3 years from now)
 - Collect issues/errata on the new PWG web site
 - Probably do in conjunction with IPP Everywhere/Multifunction update
 - Q: Are we at the limit now?
 - A: Pretty much, yes. Just need to fill in some details.
 - i. Standards track or informative?
 - Most stuff is recommendations
 - Standards-track carries more weight
 - j. Q: Do we do any marketing/testing based on the "conformance" to IIG2?
 - A: Not directly, but we can leverage IPP Everywhere self-cert requirements to "enforce" best practices and market which vendors follow best practices
 - k. Stopped at section 11

Next Steps / Open Actions

- Next IPP conference calls January 20, 2014 at 4pm ET and January 27, 2014 at 3pm ET
- Next IPP F2F session February 5, 2014 at 10am PT
- Review IPP Scan update
- Review IPP Slides for F2F
- Action: Bill/Ira to find Nancy's security considerations for Scan (DONE)
- Action: Ira to submit Printer MIB registration for new xxx-missing PrtAlertCodeTC values (PENDING)
- Action: Mike to propose an approach for deprecation of IPP attributes and values in the IANA registry (ONGOING)
- Action: Mike/Ira to ask Microsoft for WS-Discovery test script (PENDING)
- Action: Mike to ask Justin about WS-Discovery probe response example (PENDING)
- Action: Ira/Paul/SM workgroup to review values of finishings-col member attributes to make sure we have parity with common JDF values (PENDING)
- Action: Ira and Mike to make sure finishing MIB and Finishings 2.0 are in sync (PENDING)
- Action: Mike to update IPPSIX to include device-name/uuid as a potential operation attribute for Identify-Printer (PENDING)
- Action: Mike to add spec best-practices to WD template (PENDING)
- 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: Paul to reach out to label/portable printer vendors to join IPP WG discussions (ONGOING - Paul to send out list ASAP)