

Internet Printing Protocol Workgroup Meeting Minutes October 24, 2019

Meeting was called to order at approximately 3pm ET.

Attendees

Cihan (Kyocera Document Solutions)
Smith Kennedy (HP)
Ira McDonald (High North)
Chris Rizzo (Xerox)
Michael Sweet (Apple)
Bill Wagner (TIC)

Agenda Items

1. IP Policy and Minute Taker
 - http://www.pwg.org/chair/membership_docs/pwg-ip-policy.pdf
 - IP policy accepted, Mike taking minutes
2. Approve IPP minutes from previous meetings
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20191010.pdf>
 - Approved as posted.
3. Status/Review of various IPP mailing list notes
 - <https://www.pwg.org/archives/ipp/2019/020283.html>
 - RFC: Rename JPS3?
 - Consensus: Driverless Printing Extensions (NODRIVER)
 - <https://www.pwg.org/archives/ipp/2019/020285.html>
 - RFC: Printer Firmware Updates via IPP System Service
 - See IPP System Service review below
 - <http://www.pwg.org/archives/ipp/2019/020287.html>
 - [PWG5100.1] Issue #88: Section 5.1.1 says 'RFC 2911 "finishings" Values'
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20190909.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20190923.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20191007.htm>
5. Status of PWG and IPP WG Formal Approvals and Last Calls (All)
 - IPP System Service (Ira/Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippssystem10-20191022-rev.pdf>
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/lcrc-ippssystem10.txt>
 - Stable draft - for a Candidate Standard
 - PWG Last Call ended 13 September 2019
 - 12 responses, 5 w/ comments, quorum = 8 (30% of 25)

- LCRC review on 10/10/19
 - Final review today
 - Consensus is to start a formal vote
 - Action: Mike to start formal vote of System Service, ending November 22, 2019
 - Schedule - PWG Formal Vote in Q4 2019
6. Quick Review of IPP Enterprise Printing Ext v2.0 (Smith)
- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx20-20191010-rev.pdf>
 - Interim draft - for a Candidate Standard
 - IPP WG review on 18 July 2019
 - Schedule - Prototype draft in Q3/Q4 2019
 - Title: Enterprise PRINTING Extensions v2.0 (EPX)
 - Abstract: Clean up/simplify
 - Section 1:
 - "to support Proof Job, Job Storage, and Job Protection features ..."
 - Lines 232-239: Move to changes section, just note this specification updates 5100.11-2011 and list of changes is in section N.
 - Section 2.4: Remove?
 - Figure 1: Belongs in section 4
 - Section 2.5:
 - Password Protected Job: Drop operations from the definition
 - Proof Job: Drop operations from the definition here, we'll talk about operations later
 - Section 2.6: Use https whenever possible
 - Section 3.1:
 - Drop comment, capitalize Proof and Stored for item 3
 - Sections 3.2.1, 3.2.2: "with" instead of "Via"
 - Section 3.2.2:
 - Line 396: Drop "he can be confident", "collect the printed copy" instead of "pick it up", "reprint" is a word; just reword this sentence...
 - Section 3.3.1: Reword title
 - Add a section 3.3.2 for failed authentication for Job Protection with User Authentication
 - Section 3.5:
 - Lowercase "feature"
 - "Proof Job" instead of "Job Proof Print"?
 - Make sure features and term names match
 - Section 4: Change title to "Model", add a short paragraph about the subsections that follow defining the features common to Enterprise Printers, or something like that
 - Section 4.1: Drop
 - Section 4.x:
 - Drop "Feature"
 - "Foo Bar enables a Client ..." instead of "The Foo Bar Feature enables"
 - Don't say we are retaining indefinitely; depends on job-retain-until/-

- interval/-time attribute [PWG5100.7]
 - Add proof-job-retain-until[-interval/-time]-default and stored-job-retain-until[-interval/-time]-default Printer Description attributes?
 - Or just say "an implementation-defined amount of time"? (can be overridden by job-retain-until-xxx)
 - Add a short paragraph about using job-retain-until-xxx to override printer defaults
 - Normalize terminology for features:
 - Proof Print is the feature, Proof Job is a Job that uses the Proof Print feature
 - Job Storage is the feature, Stored Job is the Job that uses the Job Storage feature
 - etc.
 - Section 4.2:
 - Lowercase "time"
 - "User authentication credentials"
 - Reword second paragraph (not "mainly")
 - The Client requests this feature by specifying the "job-hold-until" Job Template attribute [STD92] with a value of 'owner-authorized'.
 - Section 4.3:
 - Line 482: Drop "and unprocessed" (confusing), "to make THEM available" (instead of "it")
 - Line 484: Colon two separate discoverability from list of things, "The Stored Job could be visible ..."
 - Visible/visibility instead of discoverable/discoverability
 - Global: Password Release instead of Job Protection Feature
 - Section 4.3.3:
 - Add discussion of Reprocess-Job being deprecated, but if supported you need to support it for this, too...
 - Section 4.4:
 - Line 536: "Partitioning of Job STATES"
 - Ended at section 4.4
7. Quick Review of IPP Job and Printer Extensions Set 3 v2.0 (Smith)
- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobprinterext3v20-20191003-rev.pdf>
 - Interim draft - for a Candidate Standard
 - To be renamed Driverless Printing Extensions (NODRIVER)
 - PWG F2F review on 28 August 2019 - completed
 - Schedule - Prototype draft in Q3/Q4 2019
 - Did not get to this
8. Status of various IPP documents (All)
- Job Accounting for IPP v1.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippaccounting10-20191022.pdf>
 - Interim draft - for a Best Practice
 - Schedule - Prototype draft in Q4 2019/Q1 2020

- IPP Production Printing Ext v2.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippxxx20-20190923-rev.pdf>
 - Prototype draft (back from Interim) - for a Candidate Standard
 - IPP WG review on 10 October 2019
 - Schedule - Stable draft in Q4 2019
 - IPP Everywhere 1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeve11-20190827-rev.pdf>
 - Stable draft - for a Candidate Standard
 - PWG F2F review on 28 August 2019
 - Defer IPP WG Last Call until IPP Everywhere Self-Cert v1.1 is ready
 - Schedule - Stable working drafts/beta tools in Q3/Q4 2019
 - IPP Everywhere Self-Certification Manual v1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert11-20190827-rev.pdf>
 - Prototype draft - for a Candidate Standard
 - PWG F2F discussion on 28 August 2019
 - Update and start IPP WG Last Call together w/ IPP Everywhere v1.1
 - Schedule - Stable working drafts/beta tools in Q3 2019
 - IPP Encrypted Jobs and Documents (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrustnoone10-20190418-rev.pdf>
 - Interim draft - for a Candidate Standard
 - PWG F2F review on 29 August 2019
 - Schedule - Prototype draft in Q4 2019/Q1 2020?
9. Open Printing update (Ira)
- <https://openprinting.github.io>
 - OP website now live
 - OP monthly calls (07/09/19) and (08/06/19) and (10/08/19)
 - GSoC Phase 3 Evaluation ended on 2 September 2018
 - 4 of 5 OP students passed - last 1 promised to finish after GSoC
 - Both IPP test suite projects were successful!

Next Steps / Open Actions

- Next conference calls on November 7 and December 5, 2019 at 3pm ET
- Do F2F slide review followed by review of JPS3v2 at next conference call
- PWG F2F on November 20-21, 2019
- Action: Mike to start formal vote of System Service, ending November 22, 2019
- Action: Smith to add attribute/value registration template to new IPP registration policy document (DONE)
- Action: Mike to post proposed firmware update/format text for IPP System to IPP mailing list (DONE)
- Action: Mike to file an issue for ippsample project to add PPX to ippserver (DONE - Issue #200)

- Action: Paul to make a list of 3D printing projects for 2019-2020 (PENDING)