

Internet Printing Protocol Meeting Minutes

July 30, 2020

Meeting was called to order at approximately 3pm EDT.

Attendees

Smith Kennedy (HP)
Ira McDonald (High North)
Chris Rizzo (Xerox)
Anthony Suarez (Kyocera Document Solutions)
Michael Sweet (Lakeside Robotics)
Bill Wagner (TIC)
Uli Wehner (Ricoh)
Steven Young (Canon)

Agenda Items

1. IP Policy and Minute Taker
 - https://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-20200716.pdf>
 - Approved as posted
3. Status/Review of various IPP mailing list notes
 - <https://www.pwg.org/archives/ipp/2020/020615.html>
 - HEADS UP: PWG SC favors moving Virtual F2F earlier to 18-20 August
 - No objections
 - <https://www.pwg.org/archives/ipp/2020/020610.html>
 - FYI - macOS Tools link under Files on PWG IPP Everywhere page is bad
 - Already fixed (server configuration issue)
 - <https://www.pwg.org/archives/ipp/2020/020612.html>
 - IPP Everywhere test
 - <https://www.pwg.org/archives/ipp/2020/020614.html>
 - PWG 5100.13 - IPP document-password-supported value of 0
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200629.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200713.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200727.htm>
 - See PWG Steering Committee minutes from 06/29/20, 07/13/20, 07/27/20
5. Status of PWG and IPP WG Formal Approvals and Last Calls (All)
 - IPP Everywhere v1.0 Printer Self-Certification Tools Update 5 (Mike)

- IPP Everywhere v1.1 Printer Self-Certification Tools Update 1 (Mike)
 - <https://www.pwg.org/archives/ipp/2020/020589.html>
 - <https://www.pwg.org/archives/ipp/2020/020590.html>
 - IPP WG status on 4 June 2020
 - IPP WG Last Call started 17 June 2020 open-ended (wait for responses)
 - Schedule - Approval for IPP Everywhere v1.0 and v1.1 Tools in Q3 2020
 - Lexmark reports success with the new tools
 - Xerox found a few issues in the 1.1 tools (reported on Github)
- 6. Quick Review of IPP Enterprise Printing Ext v2.0 (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx20-20200630-rev.pdf>
 - <https://www.pwg.org/archives/ipp/2020/020585.html>
 - <https://www.pwg.org/archives/ipp/2020/020576.html>
 - Interim draft - for a Candidate Standard
 - Schedule - Prototype draft in Q3/Q4 2020
 - Continuing review with section 6
 - Section 6.1: Add job-release-action to table 4
 - Section 6.1.3:
 - Line 918: "Standard keyword are listed in _____" (not finished)
 - Put list of keywords here
 - Note: Add information to the "document style" guide or template to put enum/keyword values in the operation/template attribute definition and reference it from the xxx-default and xxx-supported sections.
 - Line 919: "if processing WOULD result ...", reword it as "A Printer MUST place a Release Job into the 'pending-held' state." Second sentence for store-only jobs.
 - Drop paragraph on lines 927-929
 - Work on wording for lines 930-933: job-state-reasons keywords are added when the job is created and removed when released
 - Smith will coordinate changes with Mike and Ira
 - Section 6.2.4:
 - Drop 6.2.4.x.
 - Q: Do we need a way to report the number of supported proof-print copies?
 - A: Maybe, Smith will investigate
 - Possible solution: Add "proof-and-pause-copies-supported"
 - Another possible solution: Get-Printer-Attributes with "proof-and-pause" attribute
 - Focus on a simpler RECOMMENDED "proof-copies (integer(1:MAX))" Job Template attribute that prints the first N copies and pauses (stops) the job until continued by the user.
 - HP PJL language reference manual for "PJL SET HOLD=PROOF" prints a single copy and then saves the job for later printing.
 - Once released, the number of copies specified in the

- "copies" attribute are produced
 - copies-actual and job counters will reflect the total number of copies printed
 - no proof-copies-default
 - proof-copies-supported (rangeOfInteger(1:MAX))
 - Maybe note in section 4 that a print service might force (via policy) that multiple copy jobs automatically produce a proof copy followed by N-1 copies once approved/released
- Sections 6.3.3 and 6.3.4:
 - "Printers that support the Resubmit-Job operation MUST support this attribute."
 - Add semantics (copy job-id/uuid to parent-job-id/uuid) to Resubmit-Job operation or as additional semantics in section 7 (if defined in another spec)
- Section 6.3.5: Drop
 - Look into history why proof-print is listed in Job Status
- 7. Recent IPP Wiki Pages (Mike)
 - <https://github.com/istopwg/ippsample/wiki/IPP-Everywhere-Value-Proposition-Discussion-Points>
 - IPP Everywhere Value Proposition Discussion Points
 - Deferred to next meeting
- 8. Status of various IPP documents (All)
 - Updates to IPP System Service / INFRA for Cloud (Cihan, Mike)
 - <https://www.pwg.org/archives/ipp/2020/020540.html>
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20200506.pdf>
 - PWG discussion at PWG/OP Virtual F2F on 05/06/20
 - IPP WG status 18 June 2020
 - Cihan plans to continue PWG participation as an individual
 - Schedule - IPP Registration in Q3/Q4 2020
 - Job Accounting for IPP v1.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippaccounting10-20200608-rev.pdf>
 - Interim draft - for a Best Practice
 - IPP WG review on 07/16/20
 - Schedule - Prototype draft in Q3/Q4 2020
 - IPP Production Printing Ext v2.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippppx20-20200429-rev.pdf>
 - Prototype draft - for a Candidate Standard
 - PWG Review at PWG/OP Virtual F2F on 05/08/20
 - Just waiting on prototyping in ippsample
 - Schedule - Stable draft in Q3/Q4 2020
 - IPP Driverless Printing Extensions v2.0 (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd-ippnodriver20-20200204-rev.pdf>
 - Interim draft - for a Candidate Standard
 - PWG Review at PWG/OP Virtual F2F on 05/08/20
 - Schedule - Prototype draft in Q3/Q4 2020

- IPP Encrypted Jobs and Documents v1.0 (Mike/Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrustnoone10-20200218-rev.pdf>
 - Prototype draft - for a Candidate Standard
 - PWG F2F review on 6 February 2020
 - Schedule - Stable draft in Q3/Q4 2020
- 9. Open Printing update (Ira)
 - <https://openprinting.github.io>
 - <https://developers.google.com/open-source/gsoc>
 - OP website is now live w/ IPP Everywhere logo and GSoC 2019/2020 info
 - OP monthly calls on 03/17/20, 04/07/20 and upcoming 05/12/20
 - GSoC 2020 Timeline (*updated)
 - DONE - 30 April* - Student Project selections due from Org Admins
 - DONE - 4 May* - Accepted student projects announced
 - DONE - 1 June* Coding officially begins!
 - DONE - 29 June* - Mentors and students can begin submitting Phase 1 evaluations
 - DONE - 3 July* - Phase 1 Evaluation deadline
 - DONE - 27 July* - Mentors and students can begin submitting Phase 2 evaluations
 - 31 July* - Phase 2 Evaluation deadline
 - 24-31 August* - Final week: Students submit final work and mentor evaluations
 - 31 August to 7 September* - Mentors submit final student evaluations
 - 8 September* - Final results of Google Summer of Code 2020 announced

Next Steps / Open Actions

- Next conference call August 13, 2020 at 3pm
- Do slide review at the next concall, no document review
- PWG F2F sessions on August 18-20, 2020
- Action: Cihan to post a summary of the Cloud/INFRA discussions to the IPP mailing list and start work on an IPP Registration document (PENDING)