

Internet Printing Protocol Meeting Minutes

August 27, 2020

Meeting was called to order at approximately 3pm EDT.

Attendees

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

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. Review previous minutes
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20200813.pdf>
 - Approved as posted
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20200818.pdf>
 - Approved as posted
3. Status/Review of various IPP mailing list notes
 - <https://www.pwg.org/archives/ipp/2020/020630.html>
 - Fwd: [TLS] TLS 1.3 Document Update
 - <https://www.pwg.org/archives/ipp/2020/020631.html>
 - [PWG5100.9] Issue #92: PWG 5100.9 IPP Printer State Extensions v1.0 printer-alert should allow blank string when no alerts present
 - <https://www.pwg.org/archives/ipp/2020/020633.html>
 - Fwd: [Cfrg] I-D Action: draft-irtf-cfrg-aead-limits-00.txt
 - <https://www.pwg.org/archives/ipp/2020/020644.html>
 - IPP Shared Infrastructure Extensions (INFRA) bad link
 - <https://www.pwg.org/archives/ipp/2020/020646.html>
 - [PWG5100.18] Issue #93: Section 15.1 [PWG5109.1] HTTP reference link is incorrect
 - ISSUE - IPP WG mailing list archive was incomplete on 08/26/20
 - Seems to be fixed now...
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200727.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200810.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200824.htm>
 - See PWG Steering Committee minutes from 07/27/20, 08/10/20, 08/24/20

5. Status of PWG and IPP WG Formal Approvals and Last Calls (All)
 - 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>
 - PWG status PWG Virtual F2F on 18 August 2020 - v1.0 Tools approved
 - IPP Everywhere v1.1 Self-Cert Tools under development and testing
 - Schedule - Final IPP Everywhere v1.1 Self-Cert Tools in Q3/Q4 2020
6. Status of 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>
 - Cihan plans to continue PWG participation as an individual
 - PWG discussion at PWG Virtual F2F on 08/18/20
 - Schedule - IPP Registration in Q4 2020 / Q1 2021
7. Status of IPP Enterprise Printing Ext v2.0 (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx20-20200826-rev.pdf>
 - Interim draft - for a Candidate Standard
 - PWG review at PWG Virtual F2F on 08/19/20
 - Schedule - Prototype draft in Q1 2021
 - Section 2.2:
 - Console: Pull definition from Printer MIB
 - Add [STD92], etc. to the end of any definitions that come from another spec
 - Password Release Job: "INCLUDES the original password"
 - PIN Printing: "PRINTING a Password Release Job ..."
 - Proof Copies: add "until the Job is suspended" (or something like that)
 - Proof and Suspend Job: "... the Printer immediately moves the Job ..."
 - Proof Job: Work on rewording, Copy vs. Set
 - Add Media Sheet and Set definitions from RFC 8011
 - Update Proof Copies and Final Copies definitions to use Set to refer to the collection of Media Sheets that constitute the finished output
 - Section 3.2.1:
 - Line 392: "..., the Job is listed ..."
 - Section 3.2.x:
 - Use "printer", "job", etc.
 - "Sanitize" the use cases to not use defined terms for IPP objects when we really mean the physical printer, etc.
 - OK to use defined terms for anything that matches the defined term
 - "control panel screen" can just be "console"
 - Section 4:
 - Last sentence - eliminate passive voice
 - Section 4.1:

- Line 540: "... until the specified Release Action occurs ..."
- Line 544: "The Printer lists its supported Release Action in ..."
- Why not have a default release action of 'job-password'? Can make job-password/-encryption required by listing in printer-mandatory-job-attributes
 - Add discussion of needing "printer-mandatory-job-attributes" to have 'job-password' be required.
- Section 6.4:
 - Table "proof-print-copies-supported" is bold...
- Table 10: Fix references to RFC 1319 (no space between RFC and 1319)
 - RFC 4634 for SHA-1 and SHA-2
 - RFC 8702 for SHAKE-128/256
 - Ira will provide informative references for ISO specs for SHA-2 and SHA-3
- Section 6.4.x:
 - Fix section references (some are 0, some are pointing to the wrong section)
- Section 6.4.6:
 - Add a normative reference to PWG 5101.2
 - "an extension of the format defined for "repertoire-supported" [PWG5101.2] in order to specify the range of allowed characters."
 - Action: Ira to file an errata against PWG 5101.2 to fix ABNF and provide extension points
- Stopped at section 6.4.6
- 8. Status of various IPP documents (All)
 - 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
 - PWG review at PWG Virtual F2F on 18 August 2020
 - Mike to issue Stable draft and start two-week IPP WG Last Call
 - Schedule - Stable draft in Q3 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 review at PWG Virtual F2F on 19 August 2020
 - Smith reported at PWG F2F that HP is prototyping
 - Schedule - Stable draft in Q4 2020 / Q1 2021
 - Fix link to current draft on IPP WG page...
 - 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 Virtual F2F on 20 August 2020
 - Just waiting on prototyping in ippsample
 - Schedule - Stable draft in Q4 2020 / Q1 2021

- 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 Virtual F2F on 19 August 2020
 - Smith reported on print-quality-col topic
 - Schedule - Prototype draft in Q2 2021
- 9. Open Printing update (Ira)
 - https://ftp.pwg.org/pub/pwg/liaison/openprinting/presentations/OpenPrintingProjectUpdates_2020-08-18.pdf
 - <https://openprinting.github.io>
 - <https://developers.google.com/open-source/gsoc>
 - <https://developers.google.com/season-of-docs>
 - <https://communitybridge.org/>
 - OP GSoC (Google Season of Code) - student projects in progress
 - OP GSoC students submit their final code and mentor evaluations by Friday 08/28/20
 - OP GSoC mentors submit their final student evaluations by Friday 09/07/20
 - LFMP (Linux Foundation Mentorship Program) - student projects in progress
 - IPP Scan project moved to two students with LFMP funding
 - IPP FaxOut project added to two students with LFMP funding
 - OP GSoD (Google Season of Docs) - student projects in progress
 - GSoD technical writer projects were accepted on 08/16/20
 - OP Steering Committee
 - OP monthly calls 07/07/20, 08/11/20, and upcoming 09/01/20
 - GSoC 2020 Timeline (*updated)
 - 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
 - DONE - 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 calls September 10 and 24, 2020 at 3pm
- Continue review of EPX at section 6.4.7

- Action: Ira to file an errata against PWG 5101.2 to fix ABNF and provide extension points
- Action: Mike to publish stable draft of Job Accounting and start two-week IPP WG Last Call (SOON)
- Action: Smith to post Github issue against ippeveselfcert to support CI usage (DONE)
- Action: Ira to post a first draft of new IPP WG charter (PENDING)
- Action: Chris to file errata against 5100.9 concerning what to do about printer-alert when there are no alerts (DONE)
- Action: Mike, Ira, and Smith to develop IPP Everywhere value proposition content (PENDING)
- 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)