

Internet Printing Protocol Meeting Minutes

November 19, 2020

Meeting was called to order at 3pm EST on November 19, 2020.

Attendees

Cihan Colakoglu
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 previous minutes
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20201022.pdf>
 - Approved as posted
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20201103.pdf>
 - Approved as posted
3. Status/Review of various IPP mailing list notes
 - <https://www.pwg.org/archives/ipp/2020/020769.html>
 - <https://www.ic.gc.ca/eic/site/062.nsf/eng/00119.html>
 - Fact Sheet: Digital Charter Implementation Act, 2020 - Innovation for a better Canada
 - Also new California Proposition 24 that enhances California privacy laws:
 - <https://www.sos.ca.gov/elections/ballot-measures/qualified-ballot-measures>
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200921.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20201005.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20201019.htm>
 - See PWG Steering Committee minutes from 09/21/20, 10/05/20, 10/19/20
5. Status of PWG and IPP WG Formal Approvals and Last Calls (All)
 - IPP Everywhere v1.1 Printer Self-Certification Tools Update 2 (Mike)
 - <https://www.pwg.org/archives/ipp/2020/020687.html>

- IPP WG Last Call started 10/07/22 ended on 10/22/20
 - Reports from 3 people that the tools work
 - Lexmark had feedback about the document format tests - for Update 3
 - Lexmark reported that ippevesubmit isn't copying the capabilities - for Update 3
 - IPP Everywhere v1.1 Self-Cert Tools Update 2 approved on 10/22/20
6. Last Call Review of Job Accounting for IPP v1.0 (Mike)
- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippaccounting10-20201113-rev.pdf>
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/lcrc-ippaccounting10.txt>
 - Stable draft - for a Best Practice
 - PWG Last Call started 10/08/20 ended 11/06/20
 - 34 comments are resolved and 7 are marked for further discussion
 - Schedule - PWG Formal Vote in Q1 2021
 - SK15:
 - Consensus is to add explicit consent language to sections 3.1.5 and 3.1.6
 - SK17:
 - Consensus is the reword 3.3 OOS item 2 as "Definition of data collection methods outside of IPP;"
 - SK21:
 - Consensus is REJECT, keep as-is
 - SK24:
 - Consensus is REJECT, keep as-is
 - SK26:
 - Consensus is REJECT, keep as-is
 - SK29:
 - Consensus is REJECT, keep as-is
 - WW2:
 - Consensus is REJECT, keep as-is
 - Mike to post an updated stable LCRC draft reflecting these changes.
7. Review of IPP Finishings v2.2 (Smith)
- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippfinishings22-20201027-rev.pdf>
 - <https://www.pwg.org/archives/ipp/2020/020767.html>
 - Initial draft - for an Errata update
 - PWG discussion at PWG November F2F on 3 November 2020
 - Schedule - Prototype draft in Q1 2021
 - Global: anti-clockwise -> counterclockwise
 - Section 5.1 (third paragraph):
 - Drop feed-orientation (deprecated in EPX20)
 - Change RFC8011 reference to STD92
 - Drop figure 3
 - Redo figure 2 without leading edge (Mike can provide to Smith)
 - Global: Change RFC8011 references to STD92
 - Section 5.1.1:
 - Change title and reference to STD 92
 - Section 11.1:
 - Change to Finishings 2.2

- Global: Fix bulleted lists
 - Section 6.18.1:
 - Need some cleanup of the conformance language and tables
 - Section 6.20.1:
 - Need some cleanup of the conformance language and tables
 - Talk about finishers that don't need supplies
 - Talk about how to connect supply to finisher (index)
 - color should be conditionally required (not all supplies have color)
 - Action: Smith to coordinate printer-finisher/-supply wording updates with Mike and Steven
8. Status of IPP WG Charter (Ira)
 - <https://www.pwg.org/archives/ipp/2020/020698.html>
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp-charter-20201009-rev.pdf>
 - Interim draft - for new work items
 - PWG discussion at PWG November F2F on 3 November 2020
 - Schedule - IPP WG and PWG approval in Q1 2021
 9. Status of IPP INFRA and Cloud Proxy Registration (Cihan, Mike)
 - <https://www.pwg.org/archives/ipp/2020/020688.html>
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20201103.pdf>
 - Cihan plans to continue PWG participation as an individual
 - PWG November F2F discussion on 11/03/20
 - Schedule - Initial draft in Q4 2020
 10. Status of recent IPP Wiki Pages (Mike)
 - <https://github.com/istopwg/ippsample/wiki/IPP-Everywhere-Value-Proposition-Discussion-Points>
 - IPP Everywhere Value Proposition Discussion Points
 - PWG discussion at PWG Virtual F2F on 18 August 2020
 11. Status of various IPP documents (All)
 - IPP Production Printing Ext v2.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippppx20-20201029-rev.pdf>
 - Prototype draft - for a Candidate Standard
 - PWG review at PWG Virtual F2F on 3 November 2020
 - Just waiting on prototyping in ippsample
 - Schedule - Stable draft in Q1 2021
 - IPP Enterprise Printing Ext v2.0 (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx20-20201029-rev.pdf>
 - Interim draft - for a Candidate Standard
 - PWG review at PWG Virtual F2F on 4 November 2020
 - Stopped at end of section 6
 - Schedule - Prototype draft in Q1 2021
 - IPP Driverless Printing Extensions v2.0 (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd-ippnodriver20-20201029-rev.pdf>
 - <https://www.pwg.org/archives/ipp/2020/020760.html>
 - "client-info-col" proposal
 - <https://www.pwg.org/archives/ipp/2020/020761.html>
 - Print quality presets and processing attributes
 - Interim draft - for a Candidate Standard

- PWG review at PWG Virtual F2F on 4 November 2020
- Stopped at end of section 4.4
- Schedule - Prototype draft in Q2 2021
- 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 discussion at PWG Virtual F2F on 3 November 2020
 - Schedule - Prototyping and Stable draft in Q3 2021
- IPP 2.0, 2.1, and 2.2 Update (Mike/Ira)
 - Major update - for a PWG Standard
 - PWG discussion at PWG Virtual F2F on 3 November 2020
 - Schedule - Initial draft in Q3 2021
- IPP Everywhere v2.0 (Mike)
 - Major update - for a Candidate Standard
 - PWG discussion at PWG Virtual F2F on 3 November 2020
 - Schedule - TBD

12. Open Printing update (Ira)

- <https://openprinting.github.io>
- <https://developers.google.com/open-source/gsoc>
- <https://developers.google.com/season-of-docs>
- <https://communitybridge.org/>
- <https://openprinting.github.io/OpenPrinting-News-October-2020/>
- <https://openprinting.github.io/OpenPrinting-News-November-2020/>
- CUPS Filters v1.28.5 - released on 10/13/20
 - Bug fix release for a quick, potential crasher correction in cups-browsed
- OP GSoC (Google Season of Code) 2020 - complete on 09/08/20
 - 1 student dropped out in July (project continued in LFMP)
 - 1 student failed at end of August (project continued in LFMP)
- OP GSoC 2021 - planning
 - Currently looking for project ideas for next year's GSoC
 - Student projects will only be half the time (6 weeks).
 - Google says that this will probably attract more students, but for OP mentors it is a much higher workload, as we have to find twice as many students, introduce them, and get them up to speed to get the same work done.
- OP GSoD (Google Season of Docs) 2020 - student project in progress
 - 1 student making excellent progress on Printer Applications documentation
- LFMP (Linux Foundation Mentorship Program) - student projects in progress
 - IPP Scan - 2 students making good progress
 - IPP FaxOut - 2 students dropped out in October and November 2020
- OP Steering Committee
 - OP monthly calls 09/01/20, 11/10/20, and upcoming 12/01/20

Next Steps / Open Actions

- Next conference calls December 3 and 17, 2020 at 3pm EST
- Action: Smith to coordinate printer-finisher/-supply wording updates with Mike and Steven
- Action: Mike, Smith, and Cihan to draft a message to Microsoft concerning the Universal Print Service (DONE)
- Action: Mike to post a summary of IPP 2.0 and IPP Everywhere 2.0 plans to the IPP mailing list (PENDING)
- Action: Smith to post question about restricting Release Printing to spooling printers to the IPP list - should we attempt to support Releasing Printing for streaming printers? (PENDING)
- Action: Smith to ping Ira about hash algorithm RFCs (PENDING)
- Action: Smith to file errata issue for 5100.19 to incorporate the old pages, impressions, and sheets content from 5100.11-2011 (PENDING)
- Action: Mike to post errata against PWG Raster about page headers (PENDING)
- Action: Ira/Smith/Mike to file an errata against PWG 5101.2 to fix ABNF and provide extension points (PENDING)
- Action: Mike, Ira, and Smith to develop IPP Everywhere value proposition content (PENDING)