

Internet Printing Protocol Meeting Minutes

September 24, 2020

Meeting was called to order at approximately 3pm EDT.

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)
Stephen 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. Review previous minutes
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20200827.pdf>
 - Approved as posted
3. Status/Review of various IPP mailing list notes
 - <https://www.pwg.org/archives/ipp/2020/020652.html>
 - What does staple-top-left actually mean?
 - <https://www.pwg.org/archives/ipp/2020/020658.html>
 - IPP Document Encryption
 - <https://www.pwg.org/archives/ipp/2020/020664.html>
 - Issue #94: "Close-Job" should be 0x003A from PWG 5100.7, not 0x003B from PWG 5100.11
 - <https://www.pwg.org/archives/ipp/2020/020666.html>
 - Fwd: [dnssd] RFC 8882 on DNS-Based Service Discovery (DNS-SD) Privacy and Security Requirements
 - <https://www.pwg.org/archives/ipp/2020/020667.html>
 - [PWG5100.7] Issue #95: Table 2 - "media-col" Member Attributes : Ambiguous whether Conformance column is for Clients or Printers
 - <https://www.pwg.org/archives/ipp/2020/020671.html>
 - IPP Everywhere Maturation/Certification
 - Q: Do we want to promote IPP Everywhere to a full standard?
 - A: Need more than 1 vendor to promote as a full standard
 - IETF requires that something is basically used everywhere

- Also discussion about specific features and tests to confirm they work
 - How to help improve awareness of when IPP Everywhere is being used like "IPP Everywhere" in the make and model string, as CUPS does, or maybe some sort of frame or indicator with the printer's icon, or ???
 - Q: How to defer publishing results?
 - A: See thread
 - Q: How to hide identity of submitter?
 - A: See thread
 - Continue discussion on the mailing list thread...
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200824.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200908.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200921.htm>
 - See PWG Steering Committee minutes from 08/24/20, 09/08/20, 09/21/20
 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>
 - <https://www.pwg.org/archives/ipp/2020/020668.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 Q4 2020
 - Job Accounting for IPP v1.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippaccounting10-20200827-rev.pdf>
 - Stable draft - for a Best Practice
 - PWG review at PWG Virtual F2F on 18 August 2020
 - IPP WG Last Call started 09/16/20 ends 10/07/20
 - Schedule - PWG Last Call in 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
 - Cihan hopes to have updates before the next conference call
 - Schedule - IPP Registration in Q4 2020 / Q1 2021
 7. Review 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
 - IPP WG review on 08/27/20 - stopped at section 6.4.6
 - Schedule - Prototype draft in Q1 2021
 - Section 6.4.4:
 - Don't allow empty password? For future discussion
 - Section 6.4.7:

- Mention that a value of 0 means that job-password is supported but currently administratively disabled.
 - Section 6.4.14: Lists instead of provides
 - Global: Ensure xxx-supported uses indicates (boolean/integer/rangeOfInteger) or lists (1setOf syntax), xxx-default uses provides
 - Section 6.4.15: Lists instead of provides, job-storage-disposition instead of job-storage-access
 - Section 6.4.16: Lists instead of provides
 - Global: Use "lists the Printer's supported keywords" as the sentence construction instead of "the supported values of ..."
 - Section 6.4.17: "and lists the PRINTER'S supported member ..."
 - Section 6.4.19:
 - "indicates the range of values"
 - Maybe include discussion of no xxx-default attribute here, or is it already in 6.2.4?
 - Because it can't be defaulted and cannot be specified with a value of 0, there is no need for the value 0.
 - Section 6.4.21: Fix last sentence (passive voice, ick), maybe just "Printers SHOULD NOT implement this attribute."
 - Section 6.4.x: Remove the normative connectors ("Printers that support Foo MUST support this attribute") from the DEPRECATED attributes
 - Drop section 6.4.23: was moved to 5100.7
 - Stopped at the end of section 6
1. 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 08/18/20
 2. Status of various IPP documents (All)
 - 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 notes that HP prototyping may be delayed until Spring 2021
 - Way forward?
 - Schedule - Stable draft in Q4 2020 / Q1 2021
 - 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
 - Mike to post updated draft with new "imposition-template" keywords
 - 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
3. 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) - complete on 09/08/20
 - 1 student dropped out in July (project continues in LFMP)
 - 1 student failed at end of August (project continues in LFMP)
 - LFMP (Linux Foundation Mentorship Program) - student projects in progress
 - IPP Scan project moved with two students to LFMP
 - IPP FaxOut project added with two students to LFMP
 - 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 08/11/20, 09/01/20, and upcoming 10/20/20

Next Steps / Open Actions

- Next conference calls October 1, 8, and 22, 2020 at 3pm
- Action: Ira/Smith/Mike to file an errata against PWG 5101.2 to fix ABNF and provide extension points (PENDING)
- Action: Mike to publish stable draft of Job Accounting and start two-week IPP WG Last Call (DONE)
- Action: Ira to post a first draft of new IPP WG charter (PENDING)
- 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 - should have summary out by the next meeting)