

Internet Printing Protocol Workgroup Meeting Minutes October 11, 2018

Meeting was called to order at approximately 3pm ET on October 11, 2018.

Attendees

Smith Kennedy (HP)
Ira McDonald (High North)
Michael Sweet (Apple)
Bill Wagner (TIC)
Uli Wehner (Ricoh)
Rick Yardumian (Canon)

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-20180927.pdf>
 - Approved as posted
3. Status/Review of various IPP mailing list notes
 - <http://www.pwg.org/archives/ipp/2018/019788.html>
 - IPP Finishings enums, waiting for details
 - Offlist so far...
 - Notifications from one Cloud server for thousands of Printers over a single connection
 - Smith and Mike have some good insights on approaches
 - More to follow (to be solved w/in IPP System Service spec)
 - Need to define use cases to determine whether additional notification events/subscription template attributes are needed for System subscriptions
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20181008.htm>
 - See PWG SC minutes from 8 October 2018
5. Status of Safe G-Code (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-pwgsafegcode10-20180704-rev.pdf>
 - Prototype draft - PWG F2F review in August 2018
 - Schedule - IPP WG Last Call Q4 2018
6. Status of IPP 3D Printing Extensions v1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp3d11-20180704-rev.pdf>
 - Prototype draft - PWG F2F review in August 2018
 - Schedule - PWG Last Call Q4 2018

7. Status of How to Print Using the IPP (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippguide-20180918.html>
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippguide-20180918.pdf>
 - <https://github.com/istopwg/pwg-books>
 - IPP WG review in September 2018
 - Stable draft - edits pending from 09/27/18 review
 - Schedule - one more quick review and then post to PWG site
8. Status of IPP Encrypted Jobs and Documents (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrustnoone10-20180328-rev.pdf>
 - Interim draft - PWG F2F review in May 2018
 - Good news - PGP-based path forward on 06/04/18!
 - Schedule - Mike to work on updated draft w/ just PGP this fall
9. Status of IPP System Service (Ira/Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsystem10-20180701-rev.pdf>
 - Prototype draft - PWG F2F review in August 2018
 - Prototyping tasks being tracked as a Github project
 - Schedule - prototype in "ippserver" - Stable draft in Q3/Q4 2018
10. Status of IPP Everywhere Printer Self-Certification 1.0 Update 3?
 - <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20180515.pdf>
 - Goals, ipptool and ippfind updates
 - Now have code signing certificate!
 - But Mike is having some issues building Windows 32-bit tools and 64-bit installers
 - Schedule - Mike to release beta of update 3 for testing soon
11. Status of IPP Everywhere 1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeve11-20180926-rev.pdf>
 - Prototype draft - IPP WG review on 9/27/18
 - Schedule - Q3/Q4 2018
12. Status of IPP Everywhere 1.1 Self-Certification Manual 1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert11-20180704-rev.pdf>
 - Prototype draft - PWG F2F review in August 2018
 - Schedule - Q3/Q4 2018
13. Review of IPP Document Object v1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippdocobject11-20180919.pdf>
 - <http://www.pwg.org/archives/ipp/2018/019777.html>
 - Initial draft
 - Section 4:
 - Line 277: "This specification" instead of "This document"
 - Section 4.1:
 - Figure 1:
 - Change Document Created bubble to list of document creation operations (Print-Job, Print-URI, Send-Document, Send-URI)
 - Add "Processing Error Occurs" to aborted arrow"
 - Section 4.2:
 - Split first sentence at "while".
 - Table 1: Add target column - Job, Document, or Printer

- Section 4.3:
 - Line 321: Change "any of these levels" to "any of the previous levels"
 - Section 5:
 - Update note: "The Internet Printing Protocol/1.1 [STD92] deprecates the use of the "job-uri" operation attribute ..."
 - Section 5.1.1:
 - Drop mention of Reprocess-Job and Restart-Job.
 - Lines 342-345 (what happens to other documents): Delete
 - Lines 346-347: Capitalize Document, "Cancel-Document request"
 - Section 6.2.3:
 - Document Status, not Description
 - Global: Double-check that all uses of "Document" are capitalized
 - Global: Check on whether authenticated user is a defined term (here or in STD92)
 - Global: Reword Access Rights to be "Only the Job Owner or an Operator or Administrator of the Printer can perform this operation."
 - Section 10.1:
 - Add reference to old 5100.5 spec, like in section 10.1
 - Section 10.2:
 - "Table 9 lists obsolete Document Status attributes that were defined in ..."
 - Add note that original attributes are not affected. Only Document Status attributes are made obsolete.
 - Add note that RFC 3381 is also obsolete
 - Rename "Reference" column to "Origin"
 - Section 16.2:
 - Add "(Obsoleted by RFC 8011)" for RFC 3381 reference
 - Action: Mike to file issue against PWG 5100.12 to update for new PWG specs, remove obsolete stuff
 - Status: Interim
 - Schedule - TBD
15. Status/Review of IPP Job Extensions v1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobext11-20180926-rev.pdf>
 - <http://www.pwg.org/archives/ipp/2018/019781.html>
 - <http://www.pwg.org/archives/ipp/2018/019782.html>
 - Initial draft - for IPP WG review
 - Did not get to this
 - Schedule - TBD
 16. Status/Review of IPP HTTP Authentication best practices (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippauth-20180913-rev.pdf>
 - <http://www.pwg.org/archives/ipp/2018/019766.html>
 - Interim draft - PWG F2F review in August 2018
 - IPP WG consensus to publish as PWG Best Practice
 - Did not get to this
 - Schedule - TBD
 17. Status/Review of JPS2 v2 (Smith)

- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobprinterext2v20-20180904.docx>
 - <http://www.pwg.org/archives/ipp/2018/019764.html>
 - Initial draft - fixed issues Mike pointed out - for IPP WG review
 - Will incorporate Reprint Password in major JPS2 revision
 - Did not get to this
 - Schedule - TBD
18. Status/Review of PWG Printer MIB and IPP MFD Alerts 1.1 (Ira)
- <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-pmpmfdalerts10-20180813-rev.pdf>
 - Interim draft - for IPP WG review
 - Did not get to this
 - Schedule - Prototype draft Q4 2018
19. OpenPrinting web site update (Ira)
- OP monthly call (10/02/18)
 - OP renovation calls weekly on Wednesdays
 - Discarded WordPress - shifted to Jekyll
 - Prototype of new OP home page by end-of-October

Next Steps / Open Actions

- Next conference calls on October 18 and 25, 2018 at 3pm ET
- Action: Mike to file issue against PWG 5100.12 to update for new PWG specs, remove obsolete stuff
- Action: Paul/Smith to determine whether ISTO needs to do anything to participate in ISO SG12 (IN PROGRESS)
- Action: Mike to investigate IPPS issue in Wireshark - "ipp" filter not working (PENDING)
- Action: Smith to follow-up on the 3MF liaison agreement (IN PROGRESS - on agenda for Belfast 3MF meeting, working on joint press release)