

Internet Printing Protocol Workgroup Meeting Minutes

October 18, 2018

Meeting was called to order at approximately 3pm ET on October 18, 2018.

Attendees

Smith Kennedy (HP)
Ira McDonald (High North)
Michael Sweet (Apple)
Bill Wagner (TIC)
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-20181011.pdf>
 - Approved as posted
3. 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
4. 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
5. 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
6. 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
7. 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

8. 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
9. 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
10. 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
11. 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
12. Status 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, reviewed at October 11, 2018 concall
 - Global: Add year for original PWG5100.5 reference
 - Schedule - TBD
13. 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
 - Abstract: "... defines IPP attributes for ..."
 - Section 1:
 - "This IPP specification ..."
 - Add short discussion of this being an errata update, with forward reference to changes section.
 - Section 1.6:
 - "The original version of this specification [PWG5100.7-YYYY] ..."
 - Global: Add year for original PWG5100.7 reference
 - Section 4.2.1:
 - "An error is reported when ..."
 - Section 4.2.3:
 - "A warning is reported when ..."
 - "MAY" -> "might" on line 485
 - Section 4.3.2:
 - Fix [STD92] reference
 - "specifies a the type of content optimization to perform on the

- Document data." (and drop mention of print-quality)
 - "Keyword values specify the type of content to optimize, including:"
 - Drop "optimize for ..." and just describe the keyword values
 - Section 4.4.3:
 - "this attribute" (at end of sentence).
 - Section 5.1:
 - Fix digital-signature-did-not-verify
 - Drop first sentences of errors-detected and warnings-detected, reword
 - Section 5.2:
 - "Print on US Letter or ISO A4 media"
 - Add Note: with reference to MSN2 and what "choice" prefix means.
 - Section 6.x:
 - "The Client can retry ..." instead of MAY, drop "at some later point in time", reword "expectation that the capacity ..."
 - Section 7.x:
 - "The original version of this specification [PWG5100.7-YYYY] ..."
 - Section 7.2:
 - compression-supplied: "data. Auditing of" (drop and, split sentences)
 - document-charset-supplied: Superseded by Document Status attribute
 - job-xxx-actual: The corresponding Job Template attribute is obsolete.
 - output-device-actual: This attribute is redundant with the ...
 - Section 7.4:
 - xxx-default, xxx-supported: The corresponding Job Template attribute ...
 - Section 8.1:
 - "The original version of this specification [PWG5100.7-YYYY] ..."
 - Add job-mandatory-attributes-supported (boolean) Printer Description attribute, make it RECOMMENDED if job-mandatory-attributes is supported.
 - Section 14.1:
 - "The original version of this specification [PWG5100.7-YYYY] ..."
 - Add note about recommended "job-mandatory-attributes-supported (boolean)"
 - Status: Interim
 - Schedule - TBD
15. 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
16. 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
17. 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

Next Steps / Open Actions

- Next conference calls on October 25 and November 1, 2018 at 3pm ET
- Action: Mike to file issue against PWG 5100.12 to update for new PWG specs, remove obsolete stuff (PENDING)
- 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)