

Internet Printing Protocol Workgroup Meeting Minutes

April 9, 2020

Meeting was called to order at approximately 3pm EST.

Attendees

Cihan Colakoglu (Kyocera Document Solutions)
Smith Kennedy (HP)
Jeremy Leber (Lexmark)
Ira McDonald (High North)
Michael Sweet (Lakeside Robotics)
Rick Yardumian (Canon)
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 and Smith taking minutes
2. Approve IPP minutes from previous meetings
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20200326.pdf>
 - Approved as posted
3. Status/Review of various IPP mailing list notes
 - <https://www.pwg.org/archives/ipp/2020/020479.html>
 - RFC: IPP Everywhere Value Proposition
 - <https://www.pwg.org/archives/ipp/2020/020487.html>
 - Initial draft of IPP System Service Discovery v1.0 posted
 - <https://www.pwg.org/archives/ipp/2020/020493.html>
 - Discussion: How to deal with TLS before the date/time is set on printer
 - <https://www.pwg.org/archives/ipp/2020/020494.html>
 - NODRIVER: Seeking consensus on a solution for use cases 3.2.20 and 3.2.21
 - See Wiki page/ mailing list
 - Will discuss in detail at May F2F
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200309.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200323.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200406.htm>
 - See PWG Steering Committee minutes from 03/09/20, 03/23/20, 04/06/20
5. Status of PWG and IPP WG Formal Approvals and Last Calls (All)
 - IPP Transaction-Based Printing Extensions v1.1 (Mike)

- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrans11-20200226-rev.pdf>
 - <https://www.pwg.org/archives/ipp/2020/020455.html>
 - Stable draft - for a Candidate Standard errata update
 - PWG Call for Objections ended on 27 March 2020
 - Consensus on SC was to approve process for the CfO
 - Action: Mike to publish IPP TRANS 1.1
6. Quick Review of IPP Everywhere v1.0 Printer Self-Cert Tools Update 4 (Mike)
- <https://www.pwg.org/archives/ipp/2020/020498.html>
 - Incorporates new "ippevesubmit" tool
 - Fixes all known bugs in previous versions of tools
 - Published April 8, 2020
7. Quick Review of IPP Everywhere 1.1 (Mike)
- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeve11-20200326-rev.pdf>
 - Stable draft - for a Candidate Standard errata update
 - IPP WG Last Call ended on 12 March 2020
 - Section 4.2.4:
 - Strange section number on first paragraph
 - Fix table reference pulling in all sorts of text
 - Line 836-837: Fix broken section reference
 - Section 5.4:
 - Fix table reference
 - "are REQUIRED unless otherwise specified in a note below."
 - Section 5.4.1:
 - Remove " after empty string.
 - Section 5.7:
 - Fix table reference
 - Section 8.4:
 - Split MUST NOT and SHOULD NOT in first paragraph:
 - "Printers MUST NOT generate URI values with link-local addresses unless they are taken from the HTTP Host: field (section 5.1.1)."
 - "Printers SHOULD NOT generate URI values with IP addresses obtained via Dynamic Host CONFIGURATION Protocol (DHCP) [RFC2131] or other auto-configuration protocols unless they are taken from the HTTP Host: field (section 5.1.1)."
 - Section 9:
 - Fix section/table references
 - Section 13.1:
 - "AT the end"
 - "AND the Unicode Format for Network Interchange" (instead of "using")
 - Delete last sentence about truncating UTF-8.
 - Section 13.2:
 - "so that EACH URI"
 - Section 13.3:
 - "at the end of EACH media subtype"

- Section 13.4:
 - Turn into a list: "Printers MUST shorten delimited lists by removing:
 - 1. Unnecessary path components and parameters
 - 2. Excess values after delimiting characters"
- Section 13.x:
 - Start "For example" at a new paragraph all the time
- Action: Mike to post updated stable draft of IPP Everywhere 1.1 for PWG Call for Objections
- Schedule - PWG Call for Objections Q2 2020
- 8. Quick Review of IPP Everywhere Self-Certification Manual v1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert11-20200312-rev.pdf>
 - Stable draft - for a Candidate Standard errata update
 - IPP WG Last Call ended on 12 March 2020
 - Action: Mike to start PWG Call for Objections of IPP Everywhere specifications ending May 8, 2020
 - Schedule - PWG Call for Objections Q2 2020
- 9. Quick Review of IPP Everywhere v1.1 Printer Self-Certification Tools (Mike)
 - <https://www.pwg.org/archives/ipp/2020/020499.html>
 - IPP WG Last Call ended 12 March 2020
 - 1.1 RC 1 tools posted April 8, 2020
 - Schedule - Approval w/ IPP Everywhere v1.1 in Q2 2020
- 10. Quick Review of IPP IANA Registry Policy (Smith)
 - <https://ftp.pwg.org/pub/pwg/general/wd/ipp-registry-policy-20200331.pdf>
 - Stable draft - for a PWG Policy
 - PWG SC review on 03/30/20
 - PDF/HTML versions: Can we get it to use Arial, Helvetica, or some other sans-serif font?
 - Q: Is AsciiDoc useful for other PWG/IPP documents?
 - A: Possibly, but needs a little more (Metanorma?) to help the review
 - Github can show diffs of commits, but not optimized for word replacements
 - Smith is working on a template for PWG documents
 - Ira can share AsciiDoc templates as well that are being used for Common Criteria documents
 - Schedule - PWG SC approval Q2 2020
- 12. Status of various IPP documents (All)
 - 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
 - IPP WG review on 19 March 2020 - completed!
 - Schedule - Prototype draft in Q2/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 F2F review on 6 February 2020
 - Schedule - Stable draft in Q2/Q3 2020

- Job Accounting for IPP v1.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippaccounting10-20200129-rev.pdf>
 - Interim draft - for a Best Practice
 - PWG F2F review on 5 February 2020
 - Schedule - Prototype draft in Q2/Q3 2020
- IPP Production Printing Ext v2.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippppx20-20200130-rev.pdf>
 - Prototype draft - for a Candidate Standard
 - PWG F2F review on 5 February 2020
 - Just waiting on prototyping in ippsample
 - Schedule - Stable draft in Q2/Q3 2020
- IPP Enterprise Printing Ext v2.0 (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx20-20191010-rev.docx>
 - Interim draft - for a Candidate Standard
 - PWG F2F skipped on 6 February 2020
 - Schedule - Prototype draft in Q2/Q3 2020

13. Open Printing update (Ira)

- <https://openprinting.github.io>
- <https://developers.google.com/open-source/gsoc>
- OP website is now live w/ IPP Everywhere logo
- OP monthly calls on 02/11/20, 03/17/20 and upcoming 04/07/20
- GSoC 2020 Timeline (*updated)
 - DONE 16 March - Student application submissions start
 - DONE 31 March - Student application submissions end
 - 21 April* - Student slot requests due from Org Admins
 - 30 April* - Student Project selections due from Org Admins
 - 4 May* - Accepted student projects announced
 - 1 June* Coding officially begins!
 - 29 June* - Mentors and students can begin submitting Phase 1 evaluations
 - 3 July* - Phase 1 Evaluation deadline
 - 27 July* - Mentors and students can begin submitting Phase 2 evaluations
 - 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
 - October* - GSoC 2020 Mentor Summit (canceled or virtual?)

Next Steps / Open Actions

- Next conference call April 23, 2020 at 3pm for slide review

- PWG F2F May 5-7
- Action: Mike to publish IPP TRANS 1.1
- Action: Mike to post updated stable draft of IPP Everywhere 1.1 for PWG Call for Objections
- Action: Mike to start PWG Call for Objections of IPP Everywhere specifications ending May 8, 2020
- Action: Mike to update IPP Everywhere Printer Self-Cert tools to not require printer-alert, accept empty string plus any valid non-empty string. (DONE)
- Action: Mike to review section 11 of NODRIVER, suggest changes to be consistent with STD92 (PENDING)
- Action: Mike to add ipp->http/ipps->https when generating URIs in section 8.4 of IPP Everywhere 1.1 (DONE)
- Action: Mike/Smith/Ira to research how to deal with TLS before the date/time is set on printer (DONE - wiki page for ongoing discussion, Ira will add HCD Security Guide)
- Action: Mike to propose alternate implementation of eliminate-margins in NODRIVER using imposition-template (PENDING)
- Action: Mike and Ira to contact UK GovPrint for current status (PENDING)
- Action: Mike, Smith, and Ira to provide 3D printing liaison slide updates (PENDING - need to talk with Paul to determine which slides these are)