

Internet Printing Protocol Workgroup Meeting Minutes

September 26, 2019

Meeting was called to order at approximately 3pm ET.

Attendees

Smith Kennedy (HP)
Ira McDonald (High North)
Michael Sweet (Apple)
Paul Tykodi (TCS)
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-20190912.pdf>
 - Approved as posted.
3. Discussion:
 - Q: Do we have a plain text registration template for email registrations?
 - A: Not the whole message, but the registration format is defined in STD 92
 - Also the PENDING.md file in the ipregistry project
4. Status/Review of various IPP mailing list notes
 - <https://www.pwg.org/archives/ipp/2019/020249.html>
 - [PWG5100.12] Issue #85: Make ipp-features-supported required
 - JPS3 (defines ipp-features-supported) came after IPP/2.0, can't change conformance requirements for 2.0
 - Maybe make it RECOMMENDED?
 - Need to look at how to simplify 5100.12 overall
 - Continue discussion in future WG meetings
 - <https://www.pwg.org/archives/ipp/2019/020265.html>
 - [PWG5107.3] Issue #86: Missing alerts and one IANA registration needed
 - Added to actions...
 - <https://www.pwg.org/pipermail/ipp/2019/020271.html>
 - [PWG5100.1] Issue #87: Section 5.1: uses of "feed-orientation" and "orientation-requested" lack source reference citations
5. Status of AMSC and ISO liaisons w/ PWG (Paul)

- <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20190828.pdf>
- <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20190909.htm>
- <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20190923.htm>
- See PWG F2F IPP minutes from 28-30 August 2019
- See PWG Steering Committee minutes from 09/09/19, 09/23/19
- Paul is working to attend ACI meeting
 - Workshop on 3D Printing with Concrete next summer
 - Interim WebEx presentation by PWG on safe G-code and ippsample
 - 2pm on Nov 7, 2019
 - Fall presentation 30-minute "teaser" on Oct 21st
 - Not a lot of details, just enough to get people to attend November presentation
 - NIST has a printer with an open source controller
 - Talk with them before Nov 7th meeting?
 - Q: What about a version of ippeveprinter for 3D?
 - A: Probably a good idea, simple path
 - Action: Mike/Paul to add ipp3dprinter to ippsample project (due by Oct 10)

6. Status of PWG and IPP WG Formal Approvals and Last Calls (All)

- IPP System Service (Ira/Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippssystem10-20190815.pdf>
 - Stable draft - for a Candidate Standard
 - PWG Last Call ended 13 September 2019
 - 12 responses, 5 w/ comments, quorum = 8 (30% of 25)
 - LCRC review pending
 - Schedule - PWG Formal Vote in Q4 2019
 - SK11: "...Printer Status attribute for a unique identifier ..."
 - SK12: "... for a single unique identifier" or something along those lines. Talk about using system-uri + printer-id in System object operations and printer-uri for Printer object operations.
 - SK19: Add description of SM System/IPP Printer to note at top of table.
 - SK20: Update equivalent and references where possible to remove notes
 - SK21: Withdrawn by Smith

7. Quick Review of IPP Enterprise Printing Extensions v2.0 (EPX) (Smith)

- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx20-20190911-rev.pdf>
- Interim draft - for a Candidate Standard
- IPP WG review on 18 July 2019
- Schedule - Prototype draft in Q3/Q4 2019
- Reviewed change history
- job-password-encryption: Just type2 keyword (no name(MAX))
- job-pause-after: Drop
- Section 6.6:
 - Need to further discuss requirements and semantics of job-password + proof-print, putting job-password in proof-print-

- supported isn't the right solution
- Table 1: media-col MUST, "Client Request" in header
- Sections 6.6.1, 8.20:
 - Make range 1:MAX, no more special casing 0
 - Will continue review at Oct 24 concall
- 8. Quick Review of IPP Production Printing Ext v2.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippxxx20-20190923-rev.pdf>
 - Prototype draft (back from Interim) - for a Candidate Standard
 - IPP WG review on 12 September 2019
 - Schedule - Stable draft in Q4 2019
 - Deferred to next concall
- 9. Status of various IPP documents (All)
 - IPP Everywhere 1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeve11-20190827-rev.pdf>
 - Stable draft - for a Candidate Standard
 - PWG F2F review on 28 August 2019
 - Defer IPP WG Last Call until IPP Everywhere Self-Cert v1.1 is ready
 - Schedule - Stable working drafts/beta tools in Q3/Q4 2019
 - IPP Everywhere Self-Certification Manual v1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert11-20190827-rev.pdf>
 - Prototype draft - for a Candidate Standard
 - PWG F2F discussion on 28 August 2019
 - Update and start IPP WG Last Call together w/ IPP Everywhere v1.1
 - Schedule - Stable working drafts/beta tools in Q3 2019
 - IPP Job and Printer Extensions Set 3 v2.0 (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobprinterext3v11-20190724-rev.pdf>
 - Interim draft - for a Candidate Standard
 - PWG F2F review on 28 August 2019 - completed
 - Schedule - Prototype draft in Q3/Q4 2019
 - Job Accounting for IPP v1.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippaccounting10-20190418.pdf>
 - Initial draft - for a Best Practice
 - PWG F2F review on 29 August 2019
 - Schedule - Prototype draft in Q4 2019/Q1 2020
 - IPP Encrypted Jobs and Documents (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrustnoone10-20190418-rev.pdf>
 - Interim draft - for a Candidate Standard
 - PWG F2F review on 29 August 2019
 - Schedule - Prototype draft in Q4 2019/Q1 2020?
- 10. Open Printing update (Ira)
 - OP monthly calls (07/09/19) and (08/06/19)

- GSoC Phase 3 Evaluation ended on 2 September 2018 - all OP students passed
- Both IPP test suite projects were successful!
- OP website renovation progress - now resumed since GSoC completion

11. Next meeting:

- 3D slide review
- IPP System Service LCRC review
- IPP PPX review (if there is time)

Next Steps / Open Actions

- Next conference calls on October 10 and 24, 2019 at 3pm ET
- Action: Mike/Paul to add ipp3dprinter to ippsample project (due by Oct 10)
- Action: Mike and Ira to register PWG 5106.4 and 5107.3 values with IANA (PENDING)
- Action: Ira and Rick to post JDF signature keywords to the IPP mailing list (DONE)
- Action: Mike to reach out to PWG membership asking for job accounting information that can be shared at the next PWG face-to-face meeting (PENDING)
- Action: Paul to make a list of 3D printing projects for 2019-2020 (PENDING)
- Action: Mike to update WD template for standard IPP/1.1 exceptions (DONE)