Internet Printing Protocol Workgroup Meeting Minutes
June 24, 2019

Meeting was called to order at approximately 3pm ET on June 24, 2019.

Attendees

Smith Kennedy (HP)
Jeremy Leber (Lexmark)
Ira McDonald (High North)
Michael Sweet (Apple)
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-20190523.pdf
   - Approved as posted.
3. Status/Review of various IPP mailing list notes
   - Deferred
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
   - http://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20190617.htm
   - See PWG Steering Committee minutes from 06/17/19
5. Status of PWG and IPP WG Formal Approvals and Last Calls (All)
   - IPP Authentication Methods (Smith)
     - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippauth-20190527.pdf
     - https://ftp.pwg.org/pub/pwg/ipp/wd/lcrc-ippauth-r2.txt
     - Stable draft - for a Best Practice
     - PWG Last Call (second) started 11 April 2019 ended 11 May 2019
     - Quorum achieved - 9 responses (1 w/ comments) - quorum is 8
     - Added new "oauth-authorization-scope" attribute and other minor edits
     - SC approved PWG Last Call process w/ LCRC on 3 June 2019
     - Schedule - ready for PWG Formal Vote in Q2 2019 after LCRC review
   - PWG Safe G-Code Subset v1.0 (Mike)
     - https://ftp.pwg.org/pub/pwg/informational/bp-pwgsafegcode10-20190604.pdf
     - PWG Best Practice
     - "safe-gcode-supported" to "pwg-safe-gcode-supported" (for consistency)

- PWG Formal Approval extended 5 May 2019 ended 4 June 2019
- Quorum achieved - 7 YES - 0 NO - 1 comments - quorum is 6
- SC approved PWG Formal Approval process on 3 June 2019
- Published as PWG Best Practice on 19 June 2019
  - IPP Job Extensions v2.0 (Mike)
    - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobext20-20190524-rev.pdf
    - Stable draft - for a Candidate Standard
    - PWG Last Call started 24 May 2019 ended 21 June 2019
    - Quorum achieved - 9 responses (3 w/ comments) - quorum was 8
    - Schedule - PWG Formal Approval in Q2/Q3 2019
  - IPP System Service (Ira/Mike)
    - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsystem10-20190515-rev.pdf
    - http://www.pwg.org/archives/ipp/2019/020081.html
    - Stable draft - for a Candidate Standard
    - IPP WG Last Call ended 31 May 2019 w/ 1 comment
    - Need new draft before starting PWG Last Call
    - Schedule - PWG Last Call in Q2 2019
6. Quick Review of IPP Production Printing Ext v2.0 (Mike)
   - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippppx20-20190514-rev.pdf
   - Errata update of PWG 5100.3-2001
   - Interim draft - IPP WG review on 9 May 2019
   - Non-production attributes moved to IPP Job Extensions v2.0
   - Schedule - PWG Last Call in Q2/Q3 2019
   - Section 4.1:
     - Fix Figure 1 - showing up twice with caption on one
   - Section 4.2:
     - Remove break between line 427 and 428 (Table 1 reference)
   - Section 4.3:
     - Fix paragraph break between first two paragraphs
     - "Cover Pages can be printing using ..." (drop "on" after "printed")
     - Fix page break before Table 2 reference on line 458.
     - Line 458: "Table 2 lists these attributes" or "Table 2 lists the cover page, insert sheet, and separator sheet attributes"
   - Section 4.4:
     - Line 470: Fix table 3 reference
   - Section 5.1:
     - Title: "Job and Document Template attributes"?
   - Section 7.3:
     - Fix table reference
   - Section 8.x:
     - Fix conformance requirements
   - Q: Should we add conformance requirements to MUST NOT implement obsolete attributes?
     - A: Yes add a reference to the obsolete section for printers but not for clients

- Next status: Prototype
- Mike to research how much prototyping was done for v1.0
  - Everything was optional in v1.0, need to make sure the required stuff was covered
7. Quick Review of Canon and HP IPP Extensions (Rick/Smith)
   - https://ftp.pwg.org/pub/pwg/ipp/slides/New-IPP-Attributes-Proposal-from-Canon-and-HP-version-2-20190522.pdf
   - http://www.pwg.org/archives/ipp/2019/020126.html
   - IPP WG review on 23 May 2019
   - Eliminate Upper and Lower Margins (attachment above)
   - Deferred to Thursday's concall
   - Schedule TBD
8. Status of various IPP documents (All)
   - IPP Authentication Methods v1.0 (Smith)
     - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippauth-20190527.pdf
     - https://ftp.pwg.org/pub/pwg/ipp/wd/lcrc-ippauth-r2.txt
     - Stable draft - for a Best Practice
     - Schedule - ready for PWG Formal Vote in Q2 2019 after LCRC review
   - HP Print Quality Customization (Smith)
     - https://ftp.pwg.org/pub/pwg/ipp/wd/white-hp-ipp-custompqi-20190423-rev.pdf
     - Interim draft - White paper
     - Schedule - TBD
   - IPP Message Catalog Help Extensions (HELPME) (Smith)
     - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipphelpme-20190528.pdf
     - Interim draft - for a Best Practice
     - IPP WG review on 04/25/19
     - Schedule - PWG Last Call in Q2/Q3 2019
   - IPP Job Accounting v1.0 (Mike)
     - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippaccounting10-20190418.pdf
     - Initial draft - for a Best Practice
     - Schedule - TBD
   - IPP Everywhere 1.1 (Mike)
     - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeve11-20190128-rev.pdf
     - Stable draft - for a Candidate Standard
     - Defer IPP WG Last Call until IPP Everywhere Self-Cert v1.1 is ready
     - Schedule - Stable working drafts/beta tools in Q2 2019
   - IPP Everywhere Self-Certification Manual v1.1 (Mike)
     - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert11-20180704-rev.pdf
     - Prototype draft - for a Candidate Standard
     - Update and start IPP WG Last Call together w/ IPP Everywhere v1.1
     - Schedule - Stable working drafts/beta tools in Q2 2019

- IPP Enterprise Printing Extensions v2.0 (EPX) (Smith)
    - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx-20190614-rev.pdf
    - Interim draft - PWG F2F review in April 2019
    - Schedule - Prototype draft Q3 2019
- IPP Encrypted Jobs and Documents (Mike)
    - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrustnoone10-20190418-rev.pdf
    - Interim draft - PWG F2F review in April 2019
    - Updated to change from Registration to Specification
    - Schedule - Prototype draft Q3 2019
9. Open Printing update (Ira)
    - OP monthly calls (05/07/19) and (06/04/19)
    - OP website renovation major progress using Jekyll - finish in July 2019?
    - GSoC 2019 Accepted student proposals announced (05/06/19)
    - All five OP projects received GSoC 2019 slots and have assigned students
    - GSoC 2019 coding started on 27 May 2019
    - GSoC 2019 Phase 1 Evaluation on 24-28 June 2019

Next Steps / Open Actions

- Next conference calls on June 27, 2019 and July 18, 2019 at 3pm ET
- Action: Mike to publish IPP Document Object v1.1 (DONE)
- Action: Mike to update IPP Job Extensions v2.0 and start PWG Last Call (DONE)