Internet Printing Protocol Workgroup Meeting Minutes
February 28, 2019

Meeting was called to order at approximately 3pm ET on February 28, 2019.

Attendees

Cihan (Kyocera Document Solutions)
Smith Kennedy (HP)
Jeremy Leber (Lexmark)
Ira McDonald (High North)
Chris Rizzo (Xerox)
Michael Sweet (Apple)
Bill Wagner (TIC)

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 previous minutes
   - https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20190131.pdf
   - Approved as posted
   - https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20190213.pdf
   - Approved as posted
3. Status/Review of various IPP mailing list notes
   - http://www.pwg.org/archives/ipp/2019/019893.html
     - RFC: "job-cancel-after (integer(1:MAX)" Job Template attribute (Smith)
   - http://www.pwg.org/archives/ipp/2019/019917.html
     - Job accounting replacement for "document-format-details"? (Smith/Mike)
     - Going to spend some time on this at the April F2F
     - What members of document-format-details are needed/valuable?
     - What are the privacy and security considerations?
     - What about authentication of values? (claims not evidence)
     - Want to define use cases and requirements, then determine how to best satisfy them
     - Also look at what other standards bodies are doing to provide Client-side metadata that can be trusted
     - GDPR and other laws place restrictions on transactional data (necessary for processing, suitable for purpose, etc.)
     - Continue discussions on the IPP list to build up topics for discussion at the April 2019 F2F

4. Status of AMSC and ISO liaisons w/ PWG (Paul)
   - https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20181105.htm
   - https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20181217.htm
   - See PWG SC minutes from 5 November 2018
   - See PWG SC minutes from 17 December 2018
   - ISO SG12 is now WG12
   - US national body being formed for WG12, which PWG can create a liaison with
   - Paul attended February 27, 2019 ISO meeting in New York City (report pending)
5. Status of IPP Authentication Methods (Smith)
   - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippauth-20190117-rev.pdf
   - Stable draft - F2F discussion in February 2019
   - PWG Last Call ends today
     - 10 responses, 5 with comments
   - Need to prepare LCRC draft and summary text file, for review at next concall
   - Schedule - PWG Formal Vote Q1 2019
6. Status of PWG Safe G-Code (Mike)
   - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-pwgsafegcode10-20190114-rev.pdf
   - Stable draft - PWG F2F discussion in February 2019
   - PWG Last Call ends today
     - 9 responses, one with comment
   - Need to prepare LCRC draft and summary text file, for review at next concall
   - Schedule - PWG Formal Vote Q1 2019
7. Status of IPP 3D Printing Extensions v1.1 (Mike)
   - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp3d11-20190114-rev.pdf
   - IPP WG Last Call completed February 18 with no comments
   - Schedule - PWG Call for Objections Q1 2019
   - Action: Mike to start PWG Call for Objections of IPP 3D v1.1 ending March 28
8. Status of IPP Everywhere 1.1 (Mike)
   - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeve11-20190128-rev.pdf
   - https://www.pwg.org/archives/ipp/2019/019856.html
   - https://www.pwg.org/archives/ipp/2019/019857.html
   - Stable draft - PWG F2F discussion in February 2019
   - Defer IPP WG last call until self-cert is finalized.
   - Schedule - PWG Call for Objections Q2 2019
9. 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 February 2019
   - If we use Github to host the PWG website, how to submit printers?
   - Consensus - Mike to update to separate submission process from self-cert process
   - Future stable URL for submissions (backport to 1.0 tools/process)
     - Have durable URL already

- Just need the tool for generating the JSON
    - Schedule - Stable draft in Q2 2019
10. Status of IPP System Service (Ira/Mike)
    - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsystem10-20190130-rev.pdf
    - Prototype draft - PWG F2F discussion in February 2019
    - Prototyping tasks being tracked as a Github project in "ippserver"
    - Schedule - Stable draft in Q2 2019
11. Status of MFD Alerts 1.1 (Ira)
    - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-pwgmfdalerts11-20190216-rev.pdf
    - Stable draft - PWG F2F review in February 2019
    - Need to add "changes" sections, will address in WG last call comments
    - Action: Mike to start IPP WG Last Call of MFD Alerts 1.1 ending March 14th
    - Schedule - PWG Call for Objections in Q2 2019
12. Status of IPP Document Object v1.1 (Mike)
    - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippdocobject11-20190129-rev.pdf
    - Prototype draft - PWG F2F review in February 2019
    - Next status Stable
    - Need to add DEPRECATED and OBSOLETE terminology definitions
    - Schedule - IPP WG Last Call Q1 2019
13. Review of IPP Job Extensions v1.1 (Mike)
    - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobext11-20181023-rev.pdf
    - Interim draft
    - Need to add DEPRECATED and OBSOLETE terminology definitions
    - Add Cancel-Jobs, Cancel-My-Jobs, and Close-Job operations to this spec
    - Next status should be Stable
    - Schedule - Stable draft and WG Last Call Q1 2019
14. Status of IPP Enterprise Printing Extensions v2.0 (formerly IPP Job and Printer Extensions v2) (Smith)
    - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobprinterext2v20-20190214.docx
    - Interim draft - PWG F2F review in February 2019
    - Proposal - Obsolete original JPS2 entirely (undesirable attributes/definitions)
    - New spec named "IPP Enterprise Printing Extensions v2.0" (note the version)
    - New registrations for loose ends
    - job-password not compatible with job storage (because of delayed processing/storage)
        - Intended for PIN/release printing - jobs show up as pending-held
        - Need to have another similar operation attribute to password protect stored jobs
    - Also follow-me printing
        - Existing solutions often move jobs to completed before they are printed so that clients don't show them as pending jobs (typically after a short grace period, e.g., 30 seconds)
    - Focus on Enterprise Printing use cases

- PIN/release printing
- Job storage
- Proof print
- Follow-me printing
- Accounting
- Start a discussion on the IPP mailing list to determine which content stays, which content moves, and which content is deprecated or obsoleted.
- Move Cancel-Jobs, Cancel-My-Jobs, and Close-Job operations to the JPS v1.1 errata update
  - Plus related attributes - Mike to post attributes to IPP list discussion
- Schedule - Prototype draft Q3 2019
15. Status of IPP Encrypted Jobs and Documents (Mike)
    - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrustnoone10-20190131-rev.pdf
    - Interim draft - PWG F2F discussion in February 2019
    - Schedule - Prototype draft Q3 2019
16. Open Printing update (Ira)
    - OP monthly call (02/12/19)
    - OP renovation progress using Jekyll - new developer team
    - GSoC 2019 OP project edits closed (02/06/19)
    - GSoC 2019 Linux Foundation mentor application accepted (02/26/19)
    - GSoC 2019 Student application period begins (03/25/19)
17. Document templates (Mike)
    - Need to add DEPRECATED and OBSOLETE conformance terms
    - Update Unicode and other standard references
    - Action: Mike to post updated document templates

Next Steps / Open Actions

- Next conference calls on March 14 and 28, 2019 at 3pm ET
- Action: Mike to start PWG Call for Objections of IPP 3D v1.1 ending March 28th
- Action: Mike to start IPP WG Last Call of MFD Alerts 1.1 ending March 14th
- Action: Mike to add DEPRECATED and OBSOLETE terms to other errata documents
- Action: Mike to post updated document templates
- Action: Paul to get a list of common concrete standards that can be shown as example material-type values, maybe other environmental values? (DEFERRED - we can register values later)
- Action: Paul/Smith to determine whether ISTO needs to do anything to participate in ISO WG12 (DONE - US national body forming, will create liaison at the proper time)
- Action: Smith to follow-up on the 3MF liaison agreement (IN PROGRESS - coordinating with 3MF liaison)