Internet Printing Protocol Meeting Minutes
February 29, 2024

Meeting was called to order at 3pm ET.

Attendees

Benjamin Gordon (Google)
Smith Kennedy (HP)
Jeremy Leber (Lexmark)
Ira McDonald (High North)
Piotr Pawliczek (Google)
Chris Rizzo (Xerox)
Anthony Suarez (Kyocera)
Michael Sweet (Lakeside Robotics)
Uli Wehner (Ricoh)
Bill Wagner (KM)
Steven Young (Canon)

Agenda Items

1. Antitrust and IP policies, minute taker
   - https://www.pwg.org/chair/membership_docs/pwg-ip-policy.pdf
   - https://www.pwg.org/chair/membership_docs/pwg-antitrust-policy.pdf
   - Antitrust and IP policies accepted, Mike taking minutes
2. IPP minutes from previous meetings
   - https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20240201.pdf
     - Approved as posted
   - https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20240214.pdf
     - Approved as posted
3. Status/Review of various IPP mailing list notes
   - https://www.pwg.org/archives/ipp/2024/021541.html
     - IPP usage for label printers (Robin Lindner, Mike)
     - Mike/Smith: We'd need a member that wants to standardize this
     - Uli: MICR is US-only
   - https://www.pwg.org/archives/ipp/2024/021543.html
     - [PWG5100.19] Issue #129: Add guidance on whether to precede Job Creation operation with "pre-check" Get-Printer-Attributes query (Smith)
     - Mike: macOS will prompt the user when a printer is stopped/not accepting jobs, certainly can do this but not necessary and avoids a race condition
   - https://www.pwg.org/archives/ipp/2024/021550.html

- Fwd: [Secdispatch] Fwd: New Version Notification for draft-michel-ssh3-00.txt (Ira)
- Mike: Don't see this getting adopted for IoT, but maybe for cloud...
- https://www.pwg.org/pipermail/ipp/2024/021552.html
  - Documentation for "How to use the Internet Printing Protocol"
  - Create-Job+Send-Document code examples are missing the "last-document" attribute in the Send-Document request
  - Mike: This isn't a normal PWG document, what is the process for me making the change/fix?
    - Ira: Put up a draft for the IPP WG to review/approve
    - Mike: We can announce the update on pwg-announce and on the web site
  - Action: Mike to update the IPP How-To Guide and post to IPP list for discussion
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
   - https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20240108.htm
   - https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20240122.htm
   - https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20240205.htm
   - See PWG Steering Committee minutes from 01/08/24, 01/22/24, 02/05/24
5. PWG and WG Last Calls and Formal Votes (All)
   - IPP Enterprise Printing Extensions v2.0 - status (Smith)
     - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx20-20240221.pdf
     - PWG Formal Vote started 02/21/24 ends 03/15/24
     - 5 responses so far - 25% of 27 voting members = 7 responses for quorum
     - Schedule - PWG Candidate Standard in Q1 2024
6. IPP Charter Update - status (Ira/Mike)
   - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp-charter-20240228-rev.pdf
   - Second complete update in Interim draft on 02/28/24
   - IPP WG review during PWG February F2F on 02/14/24
   - Schedule - PWG Call for Objections in Q1 2024
   - Update "Potential Future Projects" to "Possible Future Projects" with a sentence explaining that these are ideas that have come up but nothing will be done until one or more contributors produce an initial draft.
   - Also update current projects with a sentence explaining that these are currently active drafts
   - Ira will provide an update for the next WG concall so we can start a PWG Call for Objections
7. IPP Document Object v1.2 (DOCOBJECT) - review (Mike)
   - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippdocobject12-20240103-rev.pdf
   - Initial draft posted on 01/03/24
   - Simple errata update of the 2019 version
   - Update references
   - Remove obsolete attributes, values, and operations
   - Add the generic document event notification keywords from INFRA
   - IPP WG review pending since 01/04/24
   - Schedule - Prototype draft in Q1 2024

- Global: Update copyright year
- Section 2.2:
    - Update with new template boilerplate and standard definitions
- Section 2.4: Move some of these terms to 2.2
- Section 14.1: Update INFRA reference to include year in reference (informative reference)
- Next status: Stable
- Action: Mike to start IPP WG last call of DOCOBJECT once new draft is posted
8. IPP Shared Infrastructure Extensions v1.1 - review (Mike)
    - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippinfra11-20240226-rev.pdf
    - https://www.pwg.org/archives/ipp/2024/021544.html
    - Interim draft posted on 02/26/24
    - Release Printing with INFRA updates
    - IPP WG review during PWG February F2F on 02/14/24
    - Schedule - Prototype draft in Q1 2024
    - Chris: Question about how to proxy a system service?
        - Mike: The current specification only works for Printers, Scanners, etc. (individual Job-based services) - would need something new to proxy whole systems, "meta infrastructure system" to manage multiple systems
    - Ira: Unable to view 5100.22, http link instead of https?
        - Action: Mike to update http links to https for all published documents on PWG.org
    - Figure 5: Fix wrapping of "Get-Printer-Attributes" at the bottom
    - Sections 7.4.4 and 7.4.5: Requesting feedback on implementation/ deployment for Release Printing - how do we want this to work?
        - Action: Mike to start a thread on the IPP mailing list concerning Release Printing with INFRA
    - Move status to prototype once release printing changes are finalized

Next Steps / Open Actions

- Next conference calls on March 14 and 28, 2024 at 3pm
- Talk about more "Strong Device Identity" at future (soon) concall, determine requirements/use cases
- Action: Mike to update the IPP How-To Guide and post to IPP list for discussion
- Action: Mike to start IPP WG last call of DOCOBJECT once new draft is posted
- Action: Mike to update http links to https for all published documents on PWG.org
- Action: Mike to start a thread on the IPP mailing list concerning Release Printing with INFRA
- Action: Mike to start EPX formal vote starting Feb 19ish and ending March 15 (DONE)
- Action: Paul to review existing 3D use cases and identify any gaps (PENDING)
- Action: Mike to update IPP Everywhere 2.0 test files (PENDING - started work on it)