Internet Printing Protocol Meeting Minutes
January 14, 2021

Meeting was called to order at 3pm EST on January 14, 2021.

Attendees

Nick Bartolotti (Pharos)
Smith Kennedy (HP)
Ira McDonald (High North)
Anthony Suarez (Kyocera Document Solutions)
Michael Sweet (Lakeside Robotics)
Bill Wagner (TIC)
Steven Young (Canon)

Agenda Items

1. IP policy and minute taker
   - https://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-20201217.pdf
   - Approved as posted
3. Status/Review of various IPP mailing list notes
   - https://www.pwg.org/archives/ipp/2020/020811.html
     - References to hashing algorithms in definition of "job-password-encryption"?
   - https://www.pwg.org/archives/ipp/2020/020813.html
     - [PWG5100.19] Issue #103: Incorporate the old pages, impressions, and sheets content from 5100.13-2012
   - https://www.pwg.org/archives/ipp/2020/020815.html
     - Question concerning the "presentonoff" key for "printer-finisher"
   - https://www.pwg.org/archives/ipp/2021/020827.html
     - Questions about the 'finisher-max-capacity' and 'finisher-capacity' keys for the "printer-finisher" attribute (Finishings 2.1)
   - https://www.pwg.org/archives/ipp/2021/020828.html
     - Fwd: CISQ 2020 Cost of Poor Software Quality report - $2.1 Trillion in US in 2020
   - https://www.pwg.org/archives/ipp/2021/020832.html
     - Fwd: NSA releases "Eliminating Obsolete Transport Layer Security (TLS) Protocol Configurations" Cybersecurity Information
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
   - https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20201116.htm
   - https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20201130.htm

- https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20201214.htm
- See PWG Steering Committee minutes from 11/16/20, 11/30/20, 12/14/20
5. Status of PWG and IPP WG Formal Approvals and Last Calls (All)
    - Job Accounting for IPP v1.0 (Mike)
        - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippaccounting10-20201120.pdf
        - https://ftp.pwg.org/pub/pwg/ipp/wd/lcrc-ippaccounting10.txt
        - Stable draft - for a Best Practice
        - PWG Formal Vote started 01/06/21 ends 02/05/21
        - Schedule - PWG Best Practice in Q1 2021
    - IPP WG Charter (Ira)
        - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp-charter-20201230-rev.pdf
        - Stable draft - for new work items
        - IPP WG Last Call started 01/06/21 ends 01/22/21
        - Schedule - IPP WG and PWG approval in Q1 2021
6. Review of IPP Finishings v2.2 (Smith)
    - https://www.pwg.org/archives/ipp/2021/020833.html
    - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippfinishings22-20210108-rev.pdf
    - Interim draft - for Errata update
    - Schedule - PWG Call for Objections Q1 2021
    - Section 2.3:
        - Impression: Add reference to STD92, "Document content" (little C)
    - Table 1: Resolve comment, finishings-col is required
    - Section 5.1:
        - Line 510: comment resolved, printer can reject a job if the combination is not supported
        - Lines 509-510: "and process THE JOB as though 'none' was never supplied."
        - Drop discussion of feed-orientation, just talk about media-source-feed-direction/orientation - Smith will work with Mike and Ira on replacement text. Could just use "feed orientation" rather than explicit attribute references
        - Split paragraph at Figure 2
        - Line 526: "The effect of the "finishings" attribute on ..."
        - Line 529: "is described in the Internet Printing Protocol/1.1 [STD92]."
    - Section 5.1.1: Drop "Model and Semantics" before STD92 reference
    - Section 5.1.5: Fix missing bold on last item
    - Section 5.2: Drop mention of 5100.3, split cross conformance text at end of first paragraph into its own paragraph and clarify (Printer MUST support for finishers, Printer MUST support both finishings and finishings-col, Client MUST NOT specify both finishings and finishings-col)
    - Global: make sure tables consistently use the same terminology (Actor Conformance) vs. "Support" or otherwise
    - Global: look for "originally defined in ..."
    - Section 6.1:
        - Around line 1306 - add SHOULD support for printers that don't

        implement Finishing MIB
- Table 4:
    - Make finDeviceStatus RECOMMENDED
    - Make finDeviceCurrentCapacity OPTIONAL
- Global: SNMP objects/properties -> elements
- Global: Any CONDITIONALLY REQUIRED attributes need to have the condition in the second sentence. First sentence is a brief description. Details follow in a subsequent paragraph.
- Section 6.1.1:
    - Add folder that isn't present
    - Add status/present values for others
    - Look at better maxcapacity examples
    - Drop capacity from examples
- Section 6.2:
    - Move MIB information later
    - Not charset-configured, but the attributes-charset value from the response
- Stopped at section 6.3

Next Steps / Open Actions

- Next conference call January 28, 2020 at 3pm EST
- Action: Mike to post new printer-state-reasons for storage state and printer-storage/-description attributes to IPP list (PENDING)
- Action: Mike to post MS requests to IPP list (PENDING)
- Action: Mike to start PWG Formal Vote of Job Accounting starting Jan 4, 2021 ending Feb 1, 2021 (DONE)
- Action: Smith to review current print quality wiki page (PENDING)
- Action: Mike, Ira, and Smith to develop IPP Everywhere value proposition content (PENDING)