

Internet Printing Protocol Meeting Minutes

May 20, 2021

Meeting was called to order at 3pm EDT.

Attendees

Sean Kau (Google)
Smith Kennedy (HP)
Ira McDonald (High North)
Anthony Suarez (Kyocera Document Solutions)
Michael Sweet (Lakeside Robotics)
Bill Wagner (TIC)
Uli Wehner (Ricoh)

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. Review previous minutes:
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20210422.pdf>
 - Approved as posted
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20210505.pdf>
 - Approved as posted
3. Status/Review of various IPP mailing list notes
 - <https://www.pwg.org/archives/ipp/2021/020934.html>
 - Fwd: [TLS] Protocol Action: 'The Datagram Transport Layer Security (DTLS) Protocol Version 1.3' to Proposed Standard (draft-ietf-tls-dtls13-43.txt)
 - <https://www.pwg.org/archives/ipp/2021/020935.html>
 - Link to US CERT CISA weekly vulnerability summaries
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20210405.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20210419.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20210517.htm>
 - See PWG Steering Committee minutes from 04/05/21, 04/19/21, 05/17/21
5. Status of PWG and IPP WG Formal Approvals and Last Calls (All)
 - IPP Everywhere v1.1 Printer Self-Certification Tools Update 3 (Mike)
 - <https://www.pwg.org/archives/ipp/2021/020938.html>
 - IPP WG Last Call started 05/17/21 ends 05/31/21 or later
 - HP has started testing
 - Mike: we want at least two vendors to test...

6. Review of IPP Storage Registration (Mike)
 - <https://www.pwg.org/archives/ipp/2021/020845.html>
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippstorage10-20210129.pdf>
 - Content is intended for IPP Enterprise Printing Extensions v2.0 (see below)
 - Table 1:
 - Swap keyword and element columns?
 - Mike: MTBF value? Need to check SMART spec again
 - Smith: Drop hrStorageTable row (doesn't map to anything)
 - Add notes for failures, hours, mtbf to note why they are recommended (information might not be available/accessible)
 - Consensus is to add this to EPX
7. Review of IPP Finishings v3.0 (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippfinishings30-20210412-rev.pdf>
 - Prototype draft - for Major update
 - IPP WG review at PWG/OP F2F on 04/08/21
 - Schedule - Stable draft in Q3/Q4 2021
 - Section 2.3:
 - Line 290: Missing single quote at end (Finishing Location)
 - Section 3.1:
 - "Based on the following existing specifications:" for the first sentence
 - Update 5100.3 reference to be past tense (defined) and use -2001 suffix to make it an informative reference (new PPX doesn't)
 - "this specification should:" in the following paragraph.
 - Section 5.1.2:
 - Add reference to 5100.2, should use "output-bin" to specify a 'stacker' value to get this behavior
 - Section 5.2:
 - Don't repeat "Job Template" or the reference for finishings
 - "Job Creation request" (singular)
 - Drop "A Client MUST NOT ..."
 - "A Printer MUST accept member attributes in any order."
 - "A Client supplies ... to specify that no finishing processes are to be applied." (or something like that)
 - Missing single quote before client-error-attributes-or-values
 - Put 'top-left' in single quotes
 - Reword "A Printer MUST reject" sentence - A Printer that receives a request with an incomplete "finishigns-col" value can either reject with client-error-xxx or accept with successful-ok-xxx
 - Table 3: system is misspelled for 'left', "Reference Edge Keywords"
 - Section 5.2.1: "to apply to a collection of Media Sheets"
 - Section 5.2.1.x: Don't need REQUIRED anymore
 - Section 5.2.1.1:
 - This member attribute specifies the type of baling to perform.
 - "Media Sheets are baled ..." instead of using Set notation
 - Section 5.2.1.2:

- This member attribute specifies which collection of Media Sheets is baled.
 - Drop "default if absent)
 - "Baling applies to ..."
 - Section 5.2.2.x: Don't need REQUIRED
 - Section 5.2.2.2: Add "Media" before "Sheets"
 - Stopped at section 5.2.3
 - Global: Make sure Finishing Template is capitalized throughout
9. Review of IPP Enterprise Printing Ext v2.0 (Smith)
- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx20-20210423-rev.pdf>
 - RFC: printer-storage/-description attributes and printer-state-reasons values
 - Prototype draft - for a Candidate Standard
 - PWG review at PWG/OP Virtual F2F in May 2021
 - Stopped at section 6.2
 - Schedule - Stable draft in Q3/Q4 2021
10. Review of IPP Driverless Printing Extensions v2.0 (Smith)
- <https://ftp.pwg.org/pub/pwg/ipp/wd-ippnodriver20-20210501-rev.pdf>
 - Interim draft - for a Candidate Standard
 - PWG review at PWG/OP Virtual F2F in May 2021
 - Stopped at section 6.5.25
 - Schedule - Prototype draft in Q3/Q4 2021

Next Steps / Open Actions

- Next conference calls May 20 and June 3, 2021 at 3pm EST
- Action: Mike to post a message about changes to TRUSTNOONE to pwg-announce and ipp mailing lists when the draft is available (DONE)
- Action: Mike to add a PSX errata for printer-storage/-description (CANCELED - putting it in EPX)
- Action: Mike to file errata against IPP INFRA to add Job Release as a use case (PENDING)
- Action: Paul to reach out to Pat at ASTM to determine contacts for IPP expansion (PENDING)
- Action: Mike, Ira, and Smith to develop IPP Everywhere value proposition content (PENDING)