

Internet Printing Protocol Meeting Minutes

December 3, 2020

Meeting was called to order at 3pm EST on December 3, 2020.

Attendees

Cihan Colakoglu
Smith Kennedy (HP)
Ira McDonald (High North)
Chris Rizzo (Xerox)
Anthony Suarez (Kyocera Document Solutions)
Michael Sweet (Lakeside Robotics)
Bill Wagner (TIC)
Uli Wehner (Ricoh)
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-20201119.pdf>
 - Approved as posted
 - Action: Smith to schedule a follow-on meeting with Microsoft concern cloud printing
3. Status/Review of various IPP mailing list notes
 - <https://www.pwg.org/archives/ipp/2020/020773.html>
 - Wiki page started for errata discussions
 - <https://www.pwg.org/archives/ipp/2020/020774.html>
 - Registered media-type values
 - Mike will capture discussions in durable registration file about recycled and coated being basic specifiers with media-xxx-coating, media-recycled, and media-weight members attributes being used for greater specificity.
 - Consensus is to approve and public
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20201005.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20201019.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20201116.htm>
 - See PWG Steering Committee minutes from 10/05/20, 10/19/20, 11/16/20
 - ISO discussions of putting all data in PDFs
 - Smith/Mike: Putting all data in the PDF doesn't scale/work

- Mike: Job (run) data needs to be separate, Document (part) data needs to be part of the document, rewriting PDFs is just asking for problems.
 - <https://color.printing.org/wp-content/uploads/2019/01/Cheydleur-WhatsNewStandardsSpecifications.pdf>
5. Last Call Status of Job Accounting for IPP v1.0 (Mike)
- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippaccounting10-20201120-rev.pdf>
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/lcrc-ippaccounting10.txt>
 - Stable draft - for a Best Practice
 - PWG Last Call started 10/08/20 ended 11/06/20
 - IPP WG review on 19 November 2020
 - 5 comments REJECTED - all other comments RESOLVED
 - Schedule - PWG Formal Vote in Q1 2021
 - Action: Mike to start PWG Formal Vote of Job Accounting starting Jan 4, 2021 ending Feb 1, 2021
6. Review of IPP WG Charter (Ira)
- <https://www.pwg.org/archives/ipp/2020/020698.html>
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp-charter-20201009-rev.pdf>
 - Interim draft - for new work items
 - PWG discussion at PWG November F2F on 3 November 2020
 - Schedule - IPP WG and PWG approval in Q1 2021
 - Line 11: Mike is now at Lakeside Robotics
 - Lines 18, 24, 26, 31, 36: "is supported by" (remove "now" globally)
 - Global: SASS -> SaaS
 - Line 28: Emerging additive manufacturing devices ("3D Printers") with network connectivity pose safety and security concerns.
 - Line 33: Drop "would like to efficiently"
 - Line 83: TRUSTNOONE is now a specification, not a registration
 - Drop Job Accounting
 - Add IPP Everywhere v2.0 after IPP 2.0
 - Line 97: Add "to" before "existing"
 - Drop (b) IPP Everywhere Multifunction
 - Add IPP 3D Production Printing Extensions and 3D Scan Service to potential IPP WG projects
 - Line 160: Drop "except for IPP System Service above"
 - Line 161: Add ", including the IPP System Service" after "device management protocols"
 - Drop OOS-4
 - OOS-5: Drop "is abandoned", add FaxIn Service
 - OBJ-6: Drop "IETF and PWG"
 - CH-2/3: Q1 2021
 - Drop Implementation Stage section
7. Status of IPP Enterprise Printing Ext v2.0 (Smith)
- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx20-20201029-rev.pdf>
 - Interim draft - for a Candidate Standard
 - PWG review at PWG Virtual F2F on 4 November 2020
 - Stopped at end of section 6

- Schedule - Prototype draft in Q1 2021
- 8. Status or Review of IPP Driverless Printing Extensions v2.0 (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd-ippnodriver20-20201029-rev.pdf>
 - <https://www.pwg.org/archives/ipp/2020/020760.html>
 - "client-info-col" proposal
 - <https://www.pwg.org/archives/ipp/2020/020761.html>
 - Print quality presets and processing attributes
 - Action: Smith to review current print quality wiki page
 - <https://www.pwg.org/archives/ipp/2020/020777.html>
 - RFC: Add "printer-serial-number (text(255))" to NODRIVER
 - Smith: No objection to the registration, but need to talk about PII issues
 - Smith: Weird that serial-number is read/write
 - Consensus is to add a separate read-write asset attribute
 - "printer-asset-tag (octetString(MAX) | no-value)" Printer Description attribute
 - "printer-serial-number (text(255))" Printer Status attribute
 - Action: Mike to follow-up with printer-asset-tag and printer-serial-number registration
 - Interim draft - for a Candidate Standard
 - PWG review at PWG Virtual F2F on 4 November 2020
 - Stopped at end of section 4.4
 - Schedule - Prototype draft in Q2 2021
- 9. Status of recent IPP Wiki Pages (Mike)
 - <https://github.com/istopwg/ippsample/wiki/IPP-Everywhere-Value-Proposition-Discussion-Points>
 - IPP Everywhere Value Proposition Discussion Points
 - PWG discussion at PWG Virtual F2F on 18 August 2020
 - <https://www.pwg.org/archives/ipp/2020/020773.html>
 - Wiki page started for errata discussions
 - Added on 20 November 2020

Next Steps / Open Actions

- Next conference call December 17, 2020 at 3pm EST
- Action: Smith to schedule a follow-on meeting with Microsoft concern cloud printing
- Action: Mike to start PWG Formal Vote of Job Accounting starting Jan 4, 2021 ending Feb 1, 2021
- Action: Smith to review current print quality wiki page
- Action: Mike to follow-up with printer-asset-tag and printer-serial-number registration
- Action: Smith to coordinate printer-finisher/-supply wording updates with Mike and Steven (PENDING)
- Action: Mike to post a summary of IPP 2.0 and IPP Everywhere 2.0 plans to the IPP mailing list (DONE, also on Wiki)

- Action: Smith to post question about restricting Release Printing to spooling printers to the IPP list - should we attempt to support Releasing Printing for streaming printers? (PENDING)
- Action: Smith to ping Ira about hash algorithm RFCs (PENDING)
- Action: Smith to file errata issue for 5100.19 to incorporate the old pages, impressions, and sheets content from 5100.11-2011 (PENDING)
- Action: Mike to post errata against PWG Raster about page headers (DONE)
- Action: Ira/Smith/Mike to file an errata against PWG 5101.2 to fix ABNF and provide extension points (PENDING)
- Action: Mike, Ira, and Smith to develop IPP Everywhere value proposition content (PENDING)