

Internet Printing Protocol Workgroup Meeting Minutes

February 13, 2020

Meeting was called to order at approximately 3pm EST.

Attendees

Cihan Colakoglu (Kyocera Document Solutions)
Smith Kennedy (HP)
Jeremy Leber (Lexmark)
Ira McDonald (High North)
Chris Rizzo (Xerox)
Michael Sweet (Lakeside Robotics)
Rick Yardumian (Canon)
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. Review previous minutes:
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20200130.pdf>
 - Approved as posted
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20200205.pdf>
 - Approved as posted
3. Status/Review of various IPP mailing list notes
 - <https://www.pwg.org/archives/ipp/2020/020376.html>
 - <https://ftp.pwg.org/pub/pwg/ipp/slides/ipp-tls12-tls13-february-2020.pptx>
 - Posted updated TLS/1.2 and TLS/1.3 Highlights slides (February 2020)
 - PWG F2F review on 6 February 2020
 - HCD TC review on 13 February 2020
 - <https://www.pwg.org/archives/ipp/2020/020385.html>
 - Quick followup for the end of our first day at the F2F...
 - <https://www.pwg.org/archives/ipp/2020/020387.html>
 - Procedure for submitting and errata update for an accepted standard
 - <https://www.pwg.org/archives/ipp/2020/020394.html>
 - job-error-action (in NODRIVER) interaction with ipp-attribute-fidelity
 - <https://www.pwg.org/archives/ipp/2020/020398.html>
 - PWG 5100.11 section 7.8: What is "[MOD1.1]"?
4. Status of AMSC and ISO liaisons w/ PWG (Paul)

- <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200113.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200127.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200210.htm>
 - See PWG Steering Committee minutes from 01/13/20, 01/27/20, 02/10/20
5. Status of PWG and IPP WG Formal Approvals and Last Calls (All)
- IPP Transaction-Based Printing Extensions v1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrans11-20200128-rev.pdf>
 - Stable draft - for a Candidate Standard errata update
 - IPP WG Last Call ends on 13 February 2020
 - Comments:
 - <https://www.pwg.org/archives/ipp/2020/020375.html>
 - Fix typo on line 230
 - Q: Move printer-mandatory-job-attributes from JPS3/ NODRIVER to TRANS?
 - A: Yes
 - Action: Mike to post updated stable draft of IPP TRANS for review at Feb 27 concall
 - Schedule - Start PWG Call for Objections after Feb 27 concall
 - IPP Label Printing Extensions v1.0
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipplabel10-20200128-rev.pdf>
 - Stable draft - for an IPP Registration
 - IPP WG Last Call ends on 13 February 2020
 - Consensus is to approve the registration
 - Action: Mike to post approved IPP Label Printing Extensions and add to the IANA IPP registry
6. Quick Review of IPP Everywhere 1.1 (Mike)
- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeve11-20200211-rev.pdf>
 - Stable draft - for a Candidate Standard
 - PWG F2F discussion on 5 February 2020
 - Sections 5.3.2 and 5.3.3:
 - "Notes: Printers REPRESENTING Logical Devices ..."
 - Q: Don't thermal printers have marker supplies?
 - A: Direct Thermal printers don't, Thermal Transfer do (the ribbon)
 - The print head is typically replaceable but lasts a really long time; the Printer MIB doesn't have a definition for print heads as a marker supply (part of the marker)
 - Section 7.1:
 - "This specification also DEFINES ..."
 - "MUST report this keyword"
 - Add "Physical Devices MUST NOT report this keyword."
 - Section 9.3:
 - Bullet 2: "The print-rendering-intent"
 - "Printers representing Logical Devices ..."
 - Section 16:
 - Drop my email address
 - Action: Mike to post updated stable draft of IPP Everywhere v1.1 and start IPP WG Last Call

7. Quick Review of IPP Everywhere Self-Certification Manual v1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert11-20200210-rev.pdf>
 - Stable draft - for a Candidate Standard
 - PWG F2F discussion on 5 February 2020
 - Q: What about landscape document testing?
 - A: PWG Raster has the orientation "baked in" by the Client, so no changes needed on the printer end.
 - Future test tools and sample files could include landscape document, e.g. a spreadsheet or something
 - Other cert programs also test landscape...
 - Q: What about long-edge feed printers?
 - A: That would be a test tool and sample file issue
 - Future tools could be updated to address this without affecting this spec
 - Section 10: Remove my email address
 - Action: Mike to post updated stable draft of IPP Everywhere Printer Self-Certification Tools v1.1 and start IPP WG Last Call
8. Quick Status of IPP Everywhere v1.1 Printer Self-Certification Tools (Mike)
 - <https://www.pwg.org/archives/ipp/2020/020402.html>
 - Beta release - for IPP WG member review on 12 February 2020
 - Note for Github IPPEVESELF CERT page:
 - Update DNS-SD tests page to use "bonjour-tests.ext" for 1.0 and "dnssd-tests.ext" for 1.1 (name change from 1.0 to 1.1)
 - PWG F2F discussion on 5 February 2020
 - Schedule - Approval w/ IPP Everywhere v1.1 in Q1/Q2 2020
9. Quick Status of IPP Everywhere v1.0 Printer Self-Certification Tools (Mike)
 - <https://www.pwg.org/archives/ipp/2020/020383.html>
 - Beta release - for IPP WG member review on 5 February 2020
 - PWG F2F discussion on 5 February 2020
 - Mike will be updating the installer to be code-signed for the final release (currently "unknown publisher")
 - Q: Where to send certification results from ippevesubmit?
 - A: Send email to Mike Sweet (msweet@msweet.org) directly, he can verify JSON output locally
 - Q: How to report testing?
 - A: Send to Mike Sweet or IPP mailing list as appropriate/possible.
 - Enough to report that you've installed and successfully run the tools, nice if you can provide details but not necessary
 - Schedule - Approval by IPP WG after positive testing results reported
10. Status of various IPP documents (All)
 - IPP Encrypted Jobs and Documents (Mike/Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrustnoone10-20200128-rev.pdf>
 - Interim draft - for a Candidate Standard
 - PWG F2F review on 6 February 2020
 - Schedule - Prototype draft in Q3 2020
 - IPP Driverless Printing Extensions v2.0 (Smith)

- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippnodriver20-20200204-rev.pdf>
 - Interim draft - for a Candidate Standard
 - PWG F2F review on 5-6 February 2020
 - Schedule - Prototype draft in Q2 2020
 - Job Accounting for IPP v1.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippaccounting10-20200129-rev.pdf>
 - Interim draft - for a Best Practice
 - PWG F2F review on 5 February 2020
 - Schedule - Prototype draft in Q2 2020
 - IPP Production Printing Ext v2.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippppx20-20191216-rev.pdf>
 - Prototype draft - for a Candidate Standard
 - PWG F2F review on 5 February 2020
 - Just waiting on prototyping in ippsample
 - Schedule - Stable draft in Q2 2020
 - IPP Enterprise Printing Ext v2.0 (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx20-20191010-rev.docx>
 - Interim draft - for a Candidate Standard
 - PWG F2F skipped on 6 February 2020
 - Schedule - Prototype draft in Q2 2020
11. Open Printing update (Ira)
- <https://openprinting.github.io>
 - <https://developers.google.com/open-source/gsoc>
 - OP website is now live w/ IPP Everywhere logo
 - OP monthly calls on 01/14/20, 02/11/20
 - GSoC 2020
 - Mentor organization applications ended 5 February 2020
 - Mentor organizations announced 20 February 2020
 - OP planning and student search has started

Next Steps / Open Actions

- Next conference calls February 20, February 27 and March 12, 2020 at 3pm
- Review NODRIVER at special February 20 conference call
- Action: Mike to post updated stable draft of IPP TRANS for review at Feb 27 concall
- Action: Mike to post approved IPP Label Printing Extensions and add to the IANA IPP registry
- Action: Mike to post updated stable draft of IPP Everywhere v1.1 and start IPP WG Last Call
- Action: Mike to post updated stable draft of IPP Everywhere Printer Self-Certification Tools v1.1 and start IPP WG Last Call
- Action: Smith to contact Mopria for sanitized accounting use cases we can look at (DONE, waiting on response)

- Action: Mike to review Validate-Document in NODRIVER (PENDING)
- Action: Mike and Ira to contact UK GovPrint for current status (PENDING)
- Action: Mike, Smith, and Ira to provide 3D printing liaison slide updates (PENDING - need to talk with Paul to determine which slides these are)