

Internet Printing Protocol Meeting Minutes

June 4, 2020

Meeting was called to order at approximately 3pm EDT.

Attendees

Cihan Colakoglu
Smith Kennedy (HP)
Jeremy Leber (Lexmark)
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 IPP minutes from previous meetings
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20200521.pdf>
 - Approved as posted
3. Status/Review of various IPP mailing list notes
 - <https://www.pwg.org/archives/ipp/2020/020563.html>
 - RFC: Registration Template for printer-firmware-xxx attributes (Smith, Mike)
 - Lost in the shuffle in 2019 - to be added in next IANA update
 - <https://www.pwg.org/archives/ipp/2020/020575.html>
 - RFC: Remote Section 11 of NODRIVER
 - Consensus is to remote it from NODRIVER, add as a future errata to IIG with reference to original 5100.13 for the figures/text
 - Action: Mike to respond to original Section 11 post and note consensus
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200420.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200518.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200601.htm>
 - See PWG Steering Committee minutes from 04/20/20, 05/18/20, 06/01/20
5. Status of PWG and IPP WG Formal Approvals and Last Calls (All)
 - IPP System Service Discovery (Mike)

- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsysdisc10-20200427-rev.pdf>
 - <https://www.pwg.org/archives/ipp/2020/020523.html>
 - Stable draft for an IPP Registration on 27 April 2020
 - Prototyped in PAPPL project / planned to be added to "ippserver"
 - IPP WG status on 05/21/20
 - IPP WG Last Call ends 06/04/20
 - Schedule - IPP WG Approval for IANA Registration in Q2 2020
6. IPP Everywhere v1.1 (Mike)
- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeve11-20200417.pdf>
 - Stable draft - for a Candidate Standard errata update
 - IPP WG review on 9 April 2020
 - PWG Call for Objections ended 15 May 2020
 - IPP WG status on 21 May 2020
 - PWG SC approved process of Call for Objections 1 June 2020
 - Schedule - PWG Candidate Standard Q2 2020
7. IPP Everywhere Self-Certification Manual v1.1 (Mike)
- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert11-20200312.pdf>
 - Stable draft - for a Candidate Standard errata update
 - IPP WG Last Call ended on 12 March 2020
 - IPP WG discussion on 9 April 2020
 - PWG Call for Objections ended 15 May 2020
 - IPP WG status on 21 May 2020
 - PWG SC approved process of Call for Objections 1 June 2020
 - Schedule - PWG Candidate Standard Q2 2020
8. IPP Everywhere v1.1 Printer Self-Certification Tools r2 (Smith/Mike)
- <https://www.pwg.org/archives/ipp/2020/020559.html>
 - IPP WG Last Call ended 12 March 2020
 - IPP WG review 21 May 2020
 - Schedule - Approval w/ IPP Everywhere v1.1 in Q2 2020
 - Jeremy: working fine for us
 - Smith; tools work but have identified a bug in an IPP Everywhere v1.0 printer, probably good to go
 - Action: Mike to post approved IPP Everywhere v1.1 documents and tools
9. Updates to IPP System Service / INFRA for Cloud (Cihan, Mike)
- <https://www.pwg.org/archives/ipp/2020/020540.html>
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20200506.pdf>
 - See section 9 of IPP F2F minutes
 - IPP WG status 21 May 2020
 - Off-list further discussion on 1 June 2020 (Cihan, Smith, Mike, Ira)
 - Action: Cihan to post a summary of the Cloud/INFRA discussions to the IPP mailing list and start work on an IPP Registration document
 - Cihan plans to continue PWG participation as an individual
 - Schedule - IPP Registration in Q2/Q3 2020
10. Recent IPP Wiki Pages (Mike)
- <https://github.com/istopwg/ippsample/wiki/How-to-Support-TLS-Before-the-Date-and-Time-Is-Set>

- How to Support TLS Before the Date and Time Is Set
- Discussed at May 21, 2020 concall
- <https://github.com/istopwg/ippsample/wiki/IPP-Print-Quality-Discussion>
 - IPP Print Quality Discussion
 - Discussed at May 21, 2020 concall
- <https://github.com/istopwg/ippsample/wiki/IPP-Everywhere-Value-Proposition-Discussion-Points>
 - IPP Everywhere Value Proposition Discussion Points
- <https://github.com/istopwg/ippsample/wiki/Roll-Feed-Printing-Extensions:-eliminate-margins>
 - Roll Feed Printing Extensions: eliminate margins
 - Added to current PPX 2.0 draft

11. IPP Enterprise Printing Extensions v2.0 (EPX) (Smith)

- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx20-20200504-rev.pdf>
- <https://www.pwg.org/archives/ipp/2020/020576.html>
- <https://ftp.pwg.org/pub/pwg/ipp/slides/ipp-epx-feature-compatibility-investigation-20200604.pdf>
- Q: How do you know if a Job has been copied?
 - A: No way right now
 - Proposals from Mike:
 - "parent-job-id (integer(1:MAX))" and "parent-job-uuid (uri(45))" Job Status attributes in copied Jobs
 - 'job-copied' keyword for "job-state-reasons" in parent Job?
 - Smith:
 - Can Get-Jobs filter based on job-state-reasons?
- Q: When proofing and storing a job, what Job gets stored - the proof job or the subsequent (non-proof) job, and when does that happen?
 - Some earlier discussions talked about the difference being how long the Job stays in the "retention" phase
 - Diagram on page 16 shows the resubmitted Job being stored, not the original Job
 - Should have original completed job feeding into Job Storage in this case, then Resubmit-Job or Copy Action creates a new Job from Storage (Purple and Light Blue)
- Q: Do we want the stored job to keep the proof stuff?
 - A: No, and users might want to print N copies of a stored job
- Think in terms of Permanently Retained Jobs for Saved Jobs vs. Temporarily Retained Jobs for Proof Jobs
- Use "Resubmit-Job or Console" instead of "Copy Action"
- Stopped on slide 16

12. Status of various IPP documents (All)

- IPP Driverless Printing Extensions v2.0 (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd-ippnodriver20-20200204-rev.pdf>
 - Interim draft - for a Candidate Standard
 - PWG Review at PWG/OP Virtual F2F on 05/08/20
 - Schedule - Prototype draft in Q2/Q3 2020
- IPP Encrypted Jobs and Documents v1.0 (Mike/Smith)

- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrustnoone10-20200218-rev.pdf>
 - Prototype draft - for a Candidate Standard
 - PWG F2F review on 6 February 2020
 - Schedule - Stable draft in Q2/Q3 2020
 - Job Accounting for IPP v1.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippaccounting10-20200427-rev.pdf>
 - Interim draft - for a Best Practice
 - PWG Review at PWG/OP Virtual F2F on 05/06/20
 - Schedule - Prototype draft in Q2/Q3 2020
 - IPP Production Printing Ext v2.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippppx20-20200429-rev.pdf>
 - Prototype draft - for a Candidate Standard
 - PWG Review at PWG/OP Virtual F2F on 05/08/20
 - Just waiting on prototyping in ippsample
 - Schedule - Stable draft in Q2/Q3 2020
13. Open Printing update (Ira)
- <https://openprinting.github.io>
 - <https://developers.google.com/open-source/gsoc>
 - OP website is now live w/ IPP Everywhere logo and GSoC 2019/2020 info
 - OP monthly calls on 03/17/20, 04/07/20 and upcoming 05/12/20
 - GSoC 2020 Timeline (*updated)
 - DONE - 30 April* - Student Project selections due from Org Admins
 - DONE - 4 May* - Accepted student projects announced
 - DONE - 1 June* Coding officially begins!
 - 29 June* - Mentors and students can begin submitting Phase 1 evaluations
 - 3 July* - Phase 1 Evaluation deadline
 - 27 July* - Mentors and students can begin submitting Phase 2 evaluations
 - 31 July* - Phase 2 Evaluation deadline
 - 24-31 August* - Final week: Students submit final work and mentor evaluations
 - 31 August to 7 September* - Mentors submit final student evaluations
 - 8 September* - Final results of Google Summer of Code 2020 announced

Next Steps / Open Actions

- Next conference calls June 18 and July 16, 2020 at 3pm
 - Skipping July 2, 2020 due to holidays
- Next meeting: EPX 2.0
- Action: Mike to respond to original Section 11 post and note consensus
- Action: Mike to post approved IPP Everywhere v1.1 documents and tools

- Action: Cihan to post a summary of the Cloud/INFRA discussions to the IPP mailing list and start work on an IPP Registration document
- Action: Mike to start IPP WG last call of System Service Discovery, ending June 4, 2020 (DONE)
- Action: Paul to share Digital Additive Manufacturing Marathon content, if possible (IN PROGRESS - Paul provided a YouTube link to the SC but isn't sure it can be shared with the membership in general)
- Action: Mike to update document templates to use https: for all links (DONE)
- Action: Mike to review section 11 of NODRIVER, suggest changes to be consistent with STD92 (DONE)