

Internet Printing Protocol Workgroup Meeting Minutes

April 23, 2020

Meeting was called to order at approximately 3pm EST.

Attendees

Cihan Colakoglu (Kyocera Document Solutions)
Smith Kennedy (HP)
Ira McDonald (High North)
Chris Rizzo (Xerox)
Michael Sweet (Lakeside Robotics)
Rick Yardumian (Canon)
Bill Wagner (TIC)
Uli Wehner (Ricoh)

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-20200409.pdf>
 - Approved as posted
3. Status/Review of various IPP mailing list notes
 - <https://www.pwg.org/archives/ipp/2020/020487.html>
 - Initial draft of IPP System Service Discovery v1.0 on 26 March 2020
 - Section 1:
 - Fill this in
 - Section 2.4:
 - Use https: for links
 - Action: Mike to update document templates to use https: for all links
 - Section 3.1:
 - Line 87: Missing "y" on the end of "Discovery"
 - Section 3.2.1:
 - "find the IPP System Services on her network"
 - "to configure and monitor various IMAGING services"
 - Section 4:
 - Fill this in
 - Reference IPP System Service and IPP Everywhere, then describe how DNS-SD discovery will be supported.
 - Section 5.1.4:
 - Fix broken reference

- Section 6.1.1:
 - Reverse example (Example Printer yields ...)
 - Mike will post an updated draft, status = stable because it is already prototyped
- <https://www.pwg.org/archives/ipp/2020/020494.html>
 - NODRIVER: Seeking consensus on a solution for use cases 3.2.20 and 3.2.21
 - Print quality discussion on wiki
 - <https://github.com/istopwg/ippsample/wiki/IPP-Print-Quality-Discussion>
- <https://www.pwg.org/archives/ipp/2020/020504.html>
 - Fwd: [Technical Errata Reported] RFC8011 (6085)
 - Consensus is to change section 5.1.4 to:
 - The 'keyword' attribute syntax is a sequence of characters, of length 1 to 255, containing only the US-ASCII [RFC20] encoded values for uppercase letters ("A"- "Z"), lowercase letters ("a"- "z"), digits ("0"- "9"), hyphen ("-"), dot ("."), and underscore ("_"). The first character SHOULD be a lower letter, and all letters SHOULD be lowercase.
- <https://www.pwg.org/archives/ipp/2020/020505.html>
 - AsciiDoc/PanDoc info
 - Smith will talk a little about AsciiDoc and MetaNorma during the F2F plenary
- <https://www.pwg.org/archives/ipp/2020/020507.html>
 - IANA registrations section 2: 1setOf missing?
 - Resolved and posted by IANA on 21 April 2020
- <https://www.pwg.org/archives/ipp/2020/020510.html>
 - Question on IPP Everywhere 1.1 Spec
- <https://www.pwg.org/archives/ipp/2020/020515.html>
 - Fwd: [TLS] WG Action: Rechartered Transport Layer Security (tls)
- 4. Status of AMSC and ISO liaisons w/ PWG (Paul)
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200323.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200406.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200420.htm>
 - See PWG Steering Committee minutes from 03/23/20, 04/06/20, 04/20/20
- 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/candidates/cs-ipptrans11-20200327-5100.16.pdf>
 - PWG Call for Objections ended on 27 March 2020
 - PWG Candidate Standard 5100.16-2020
 - 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 started 17 April 2020 ends 15 May 2020
 - Schedule - PWG Candidate Standard Q2 2020

- 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 started 17 April 2020 ends 15 May 2020
 - Schedule - PWG Candidate Standard Q2 2020
- PWG IPP Registry Policy (Smith)
 - <https://ftp.pwg.org/pub/pwg/general/wd/ipp-registry-policy-20200331.pdf>
 - <https://www.pwg.org/archives/ipp/2020/020503.html>
 - IPP WG final review started 10 April 2020 ended 20 April 2020
 - PWG Steering Committee approval 20 April 2020
 - Schedule - final version to be announced Q2 2020
- 6. Status of IPP Everywhere v1.0 Printer Self-Cert Tools Update 4 (Mike)
 - <https://www.pwg.org/archives/ipp/2020/020498.html>
 - Incorporates new "ippevesubmit" tool
 - Fixes all known bugs in previous versions of tools
 - Published 8 April 2020
- 7. Status of IPP Everywhere v1.1 Printer Self-Certification Tools (Mike)
 - <https://www.pwg.org/archives/ipp/2020/020499.html>
 - IPP WG Last Call ended 12 March 2020
 - Schedule - Approval w/ IPP Everywhere v1.1 in Q2 2020
- 8. Quick Review of IPP WG slides for PWG F2F May 2020 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/slides/ipp-wg-agenda-may-20d1.pdf>
 - Posted 17 April 2020
 - Discussion: possible schedule changes
 - Slide 3:
 - May 6 Agenda
 - 12:30 - 13:30 for IPP Everywhere
 - 13:30 - 14:30 for IPP Driverless
 - 14:30 - 15:00 Break
 - 15:00 - 16:30 IPP Driverless (con't)
 - Slide 7:
 - "PWG CfO" (drop "in")
 - Slides 10-12: Update based on SC minutes
 - Slide 14:
 - Provide URLs for documents
 - IPP Everywhere 1.1
 - Slides 18-19: Check for updates from wiki
 - Add slide to IPP Everywhere 1.1 discussion to solicit comments - CfO ends May 15, etc.
 - Add slide for 3D liaison guidance/strategy session after Job Accounting (slide 24)
- 9. Quick Review of 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
- Deferred
- <https://github.com/istopwg/ippsample/wiki/IPP-Print-Quality-Discussion>
 - IPP Print Quality Discussion
 - Deferred
- <https://github.com/istopwg/ippsample/wiki/IPP-Everywhere-Value-Proposition-Discussion-Points>
 - IPP Everywhere Value Proposition Discussion Points
 - Deferred
- <https://github.com/istopwg/ippsample/wiki/Roll-Feed-Printing-Extensions:-eliminate-margins>
 - Roll Feed Printing Extensions: eliminate margins
 - Consensus: Add new imposition-template values and use cases to PPX 2.0
 - Smith and Rick will verify that there are no conflicts between 'banner/compressed' and 'tile'
 - Also update wording of 5.1.3 in PPX (to make it clear it is intent and not process specification)

10. 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
 - IPP WG review on 19 March 2020 - completed!
 - 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-ippaccounting10-20200129-rev.pdf>
 - Interim draft - for a Best Practice
 - PWG F2F review on 5 February 2020
 - Schedule - Prototype draft in Q2/Q3 2020
- IPP Production Printing Ext v2.0 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippppx20-20200130-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/Q3 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/Q3 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 02/11/20, 03/17/20 and upcoming 04/07/20
 - GSoC 2020 Timeline (*updated)
 - DONE 21 April* - Student slot requests due from Org Admins
 - 30 April* - Student Project selections due from Org Admins
 - 4 May* - Accepted student projects announced
 - 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
 - October* - GSoC 2020 Mentor Summit (canceled or virtual?)

Next Steps / Open Actions

- PWG F2F sessions on May 6 and 7, 2020
- Next conference calls May 21 and June 4, 2020 at 3pm
- Action: Mike to update document templates to use https: for all links
- Action: Mike to publish IPP TRANS 1.1 (DONE)
- Action: Mike to post updated stable draft of IPP Everywhere 1.1 for PWG Call for Objections (DONE)
- Action: Mike to start PWG Call for Objections of IPP Everywhere specifications ending May 8, 2020 (DONE)
- Action: Mike to review section 11 of NODRIVER, suggest changes to be consistent with STD92 (PENDING)
- Action: Mike to propose alternate implementation of eliminate-margins in NODRIVER using imposition-template (DONE)
- Action: Mike and Ira to contact UK GovPrint for current status (PENDING - on hold due to COVID-19)
- Action: Mike, Smith, and Ira to provide 3D printing liaison slide updates (CLOSED - Paul will contact if additional information is required)