

# Internet Printing Protocol Meeting Minutes

## October 22, 2020

Meeting was called to order at approximately 3pm EDT.

### 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)  
Stephen Young (Canon)

### Agenda Items

1. IP Policy and Minute Taker
  - [https://www.pwg.org/chair/membership\\_docs/pwg-ip-policy.pdf](https://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-20201008.pdf>
  - Approved with clarification that EPX review was completed
3. Status/Review of various IPP mailing list notes
  - <https://www.pwg.org/archives/ipp/2020/020698.html>
    - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp-charter-20201009-rev.pdf>
    - IPP WG Charter draft (9 October 2020)
  - <https://www.pwg.org/archives/ipp/2020/020700.html>
    - Fwd: [TLS] Last Call: <draft-ietf-tls-md5-sha1-deprecate-04.txt> (Deprecating MD5 and SHA-1 signature hashes in TLS 1.2) to Proposed Standard
  - <https://www.pwg.org/archives/ipp/2020/020701.html>
    - IPP Registration Request to obsolete all "media" keywords containing 'synchro'
    - Consensus is to obsolete the old values
    - Action: Mike to submit updated IANA registry file with obsoleted 2911 media names
  - <https://www.pwg.org/archives/ipp/2020/020705.html>
    - Redundancies between IPP attributes and PWG-raster header
    - Action: Mike to post errata against PWG Raster about page headers
  - <https://www.pwg.org/archives/ipp/2020/020714.html>

- Fwd: [Cfrg] RFC 8937 on Randomness Improvements for Security Protocols
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
    - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20200921.htm>
    - <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>
    - See PWG Steering Committee minutes from 09/21/20, 10/05/20, 10/19/20
  5. Status of PWG and IPP WG Formal Approvals and Last Calls (All)
    - IPP Everywhere v1.1 Printer Self-Certification Tools Update 2 (Mike)
      - <https://www.pwg.org/archives/ipp/2020/020687.html>
      - IPP WG Last Call started 10/07/22 ends on 10/22/20
      - Reports from 3 people that the tools work
      - Lexmark had feedback about the document format tests - for Update 3?
      - Consensus: approve 1.1 Update 2, start work on 1.1 update 3
      - Consensus: allow 1.0 submissions through end of June 2021 (a little over 6 months, the self-cert manual states 6 months)
      - Action: Mike to publish approved 1.1 update 2 self-cert tools
    - Job Accounting for IPP v1.0 (Mike)
      - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippaccounting10-20200827-rev.pdf>
      - Stable draft - for a Best Practice
      - PWG Last Call started 10/08/20 ends 11/06/20
      - Schedule - PWG Formal Vote in Q4 2020
      - Action: Mike to re-post last call notice
  6. Review of IPP WG slides for PWG November Virtual F2F (Mike)
    - <https://www.pwg.org/archives/ipp/2020/020713.html>
    - <https://ftp.pwg.org/pub/pwg/ipp/slides/ipp-wg-agenda-november-20d1.pptx>
    - Draft IPP WG slides for PWG November Virtual F2F posted on 10/18/20
    - Slide 7: Add Ira as charter editor
    - Slide 14: Maybe also talk about MS Universal Print Service and its REST service instead of System Service for registration
      - Smith will look to see if we have a MS rep we can invite to the conversation
      - Bill will send URL to SC list
    - Slide 17: Add proxy, drop more vendors item
    - Slide 21: Q1 2021 for EPX
    - Slide 25; Q2 2021 for NODRIVER
    - Slide 29: Delete
    - Slide 30: Update milestones
    - IPP 2.0 discussion
      - Make conformance to 2.0, recommended for 2.1 and 2.2 for enterprise and production levels
      - Informative references to system service, particularly for Get-Printer-Attributes on / to get proper URI for default printer
      - Q3 2021 for initial draft
  7. Status of Updates to IPP System Service / INFRA for Cloud (Cihan, Mike)

- <https://www.pwg.org/archives/ipp/2020/020688.html>
  - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20201008.pdf>
  - Cihan plans to continue PWG participation as an individual
  - IPP WG discussion on 10/08/20
  - Schedule - IPP Registration in Q4 2020 / Q1 2021
8. 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 08/18/20
9. Status of various IPP documents (All)
- 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 review at PWG Virtual F2F on 19 August 2020
    - Smith notes that HP prototyping may be delayed until Spring 2021
    - Way forward?
    - Schedule - Stable draft in Q4 2020 / Q1 2021
  - 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 Virtual F2F on 20 August 2020
    - Just waiting on prototyping in ippsample
    - Mike to post updated draft with new "imposition-template" keywords
    - Schedule - Stable draft in Q4 2020 / Q1 2021
  - 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 Virtual F2F on 19 August 2020
    - Smith post updated draft
    - Schedule - Prototype draft in Q2 2021
  - IPP Enterprise Printing Ext v2.0 (Smith)
    - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx20-20200826-rev.pdf>
    - Interim draft - for a Candidate Standard
    - IPP WG review completed on 10/01/20
    - Schedule - Prototype draft in Q1 2021
10. Open Printing update (Ira)
- <https://openprinting.github.io>
  - <https://developers.google.com/open-source/gsoc>
  - <https://developers.google.com/season-of-docs>
  - <https://communitybridge.org/>
  - CUPS Filters v1.28.4 - released on 10/08/20
    - Bug fix release, mainly to solve CUPS performance problems caused by the IPP Fax support of the "driverless" utility
  - CUPS Filters v1.28.5 - released on 10/13/20

- Bug fix release for a quick, potential crasher correction in cups-browsed
- OP GSoC (Google Season of Code) - complete on 09/08/20
  - 1 student dropped out in July (project continues in LFMP)
  - 1 student failed at end of August (project continues in LFMP)
- OP GSoD (Google Season of Docs) - student projects in progress
  - GSoD technical writer projects were accepted on 08/16/20
- LFMP (Linux Foundation Mentorship Program) - student projects in progress
  - IPP Scan project moved with two students to LFMP
  - IPP FaxOut project added with two students to LFMP
- OP Steering Committee
  - OP monthly calls 08/11/20, 09/01/20, and upcoming 11/10/20

## **Next Steps / Open Actions**

- Next conference call October 22, 2020 at 3pm (slide review)
- Next F2F meetings November 3-5, 2020
- Action: Mike to submit updated IANA registry file with obsoleted 2911 media names
- Action: Mike to post errata against PWG Raster about page headers
- Action: Mike to publish approved 1.1 update 2 self-cert tools
- Action: Mike to re-post last call notice
- Action: Mike to start PWG Last Call of Job Accounting ending November 6, 2020 (DONE)
- Action: Ira/Smith/Mike to file an errata against PWG 5101.2 to fix ABNF and provide extension points (PENDING)
- Action: Ira to post a first draft of new IPP WG charter (DONE)
- Action: Mike, Ira, and Smith to develop IPP Everywhere value proposition content (PENDING)