

# Internet Printing Protocol Workgroup Meeting Minutes August 15, 2019

Meeting was called to order at approximately 3pm ET on August 15, 2019.

## Attendees

Cihan (Kyocera)  
Smith Kennedy (HP)  
Ira McDonald (High North)  
Michael Sweet (Apple)  
Bill Wagner (TIC)  
Rick Yardumian (Canon)

## Agenda Items

1. IP Policy and Minute Taker
  - [http://www.pwg.org/chair/membership\\_docs/pwg-ip-policy.pdf](http://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-20190801.pdf>
  - Approved as posted.
3. Status/Review of various IPP mailing list notes
  - <https://www.pwg.org/archives/ipp/2019/020194.html>
    - RFC: IDS Attributes additions to IPP System Service v1.0
    - Defer to system service review topic
  - <https://www.pwg.org/archives/ipp/2019/020195.html>
    - Fwd: [saag] list for chatting about threat models
  - <https://www.pwg.org/archives/ipp/2019/020199.html>
    - Fwd: [Pearg] Call for Adoption: draft-hall-censorship-tech-07
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
  - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20190701.htm>
  - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20190729.htm>
  - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20190812.htm>
  - See PWG Steering Committee minutes from 07/01/19, 07/29/19, 08/12/19
5. Status of PWG and IPP WG Formal Approvals and Last Calls (All)
  - IPP Authentication Methods (Smith)
    - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippauth-20190702-rev.pdf>
    - <https://ftp.pwg.org/pub/pwg/ipp/wd/lcrc-ippauth-r2.txt>
    - Stable draft - for a Best Practice
    - PWG Formal Vote ends 16 August 2019 - quorum is achieved
    - Schedule - PWG publication in Q3 2019
  - IPP Job Extensions v2.0 (Mike)
    - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobext20-20190718.pdf>

- <https://ftp.pwg.org/pub/pwg/ipp/wd/lcrc-ippjobext20.txt>
- Stable draft - for a Candidate Standard
- PWG Formal Vote ends 16 August 2019 - quorum is achieved
- Schedule - PWG publication in Q3 2019
- IPP System Service (Ira/Mike)
  - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippssystem10-20190814-rev.pdf>
  - Stable draft - for a Candidate Standard
  - IPP WG Last Call ended 31 May 2019 w/ 1 comment
  - IPP WG review on 18 July 2019
  - IPP WG final review on 15 August 2019
  - Schedule - PWG Last Call in Q3 2019
- 6. Quick Review of IPP WG slides for PWG August F2F (Mike)
  - <https://ftp.pwg.org/pub/pwg/ipp/slides/ipp-wg-agenda-august-19d1.pdf>
  - IPP WG review on 15 August 2019
  - Slide 3:
    - Make sure v2.0 shows for all docs
  - Slide 4:
    - Encrypted v1.0
    - EPX 2.0
    - Job Accounting with IPP
  - DISCUSS: Add version number to Job Accounting with IPP
- 1. Quick Review of IPP System Service (Ira/Mike)
  - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippssystem10-20190814-rev.pdf>
  - Stable draft - for a Candidate Standard
  - IPP WG Last Call ended 31 May 2019 w/ 1 comment
  - IPP WG review on 18 July 2019
  - IPP WG final review on 15 August 2019
  - Schedule - PWG Last Call in Q3 2019
  - Section 2.4 (Other Terminology)
    - Add Resident Application and User Applications from HCD-ATTR
  - Section 7.3.12:
    - Line 3512: "patches APPLIED to"
  - Section 7.3.22:
    - Line 3565: "patches APPLIED to"
  - Section 7.3.21-24:
    - Resident Application (term) from HCD-ATTR
  - Section 7.3.31:
    - TimeSourceUserApplicationName should just be TimeSource
    - Add 'ntp' and 'sntp' keywords for time servers not disclosed.
  - Section 7.3.33-36:
    - User Application (term) from HCD-ATTR instead of resident application
  - Section 7.3.34:
    - Line 3641: "patches APPLIED to"
  - Action: Mike to post updated System Service specification and start PWG Last Call ending September 13th or so

## 2. Status of various IPP documents (All)

- IPP Job and Printer Extensions Set 3 v2.0 (Smith)
  - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobprinterext3v11-20190724-rev.pdf>
  - Interim draft - for a Candidate Standard
  - Fixed all errata
  - Now a major revision and thus v2.0
  - IPP WG review on 1 August 2019 - stopped at page 52
  - Schedule - Prototype draft in Q3/Q4 2019
- IPP Production Printing Ext v2.0 (Mike)
  - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippppx20-20190626-rev.pdf>
  - Errata update of PWG 5100.3-2001
  - Interim draft - for a Candidate Standard
  - IPP WG review on 24 June 2019
  - Non-production attributes moved to IPP Job Extensions v2.0
  - Schedule - Prototype draft in Q3 2019
- IPP Everywhere 1.1 (Mike)
  - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeve11-20190627-rev.pdf>
  - Stable draft - for a Candidate Standard
  - PWG F2F discussion in April 2019
  - Defer IPP WG Last Call until IPP Everywhere Self-Cert v1.1 is ready
  - Schedule - Stable working drafts/beta tools in Q3 2019
- IPP Enterprise Printing Extensions v2.0 (EPX) (Smith)
  - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx-20190614-rev.pdf>
  - Interim draft - PWG F2F review in April 2019
  - IPP WG review on 18 July 2019
  - Schedule - Prototype draft Q3 2019
- Job Accounting with IPP (Mike)
  - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippaccounting10-20190418.pdf>
  - Initial draft - for a Best Practice
  - Schedule - TBD
- IPP Everywhere Self-Certification Manual v1.1 (Mike)
  - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert11-20180704-rev.pdf>
  - Prototype draft - for a Candidate Standard
  - PWG F2F discussion in April 2019
  - Update and start IPP WG Last Call together w/ IPP Everywhere v1.1
  - Schedule - Stable working drafts/beta tools in Q3 2019
- IPP Encrypted Jobs and Documents (Mike)
  - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrustnoone10-20190418-rev.pdf>
  - Interim draft - for a Candidate Standard
  - PWG F2F review in April 2019
  - Updated to change from Registration to Specification

- Schedule - Prototype draft Q3 2019
- 3. Open Printing update (Ira)
  - OP monthly calls (06/04/19) and (07/09/19)
  - OP website renovation progress - delay until fall (after GSoC completes)
  - GSoC 2019 Accepted student proposals announced (05/06/19)
  - All five OP projects received GSoC 2019 slots and have assigned students
  - GSoC 2019 coding started on 27 May 2019
  - GSoC Phase 1 Evaluation ended on 28 June 2019 - all OP students passed
  - GSoC Phase 2 Evaluation ended on 26 July 2018 - all OP students passed
  - Both IPP test suite projects are going well

### **Next Steps / Open Actions**

- Next conference calls on August 15, 2019 at 3pm ET
- Action: Mike to post updated System Service specification and start PWG Last Call ending September 13th or so
- Action: Mike and Ira to review HCD-ATTR for candidate attributes for inclusion in IPP System (DONE)
- Action: Mike to update WD template for standard IPP/1.1 exceptions (PENDING)
- Action: Smith to review and sign INCITS liaison agreement if ISTO and Smith are OK with it (DONE - Tracking in the steering committee, ISTO is working to get standard liaison agreement in place instead)