

# Internet Printing Protocol Workgroup Meeting Minutes January 11, 2018

Meeting was called to order at approximately 3pm ET on January 11, 2018.

## Attendees

Smith Kennedy (HP)  
Ira McDonald (High North)  
Michael Sweet (Apple)  
Bill Wagner (TIC)  
Rick Yardumian (Canon)  
Peter Zehler (Xerox)

## Agenda Items

1. IP Policy and Minute Taker
  - IP policy accepted, Smith taking minutes
2. Approve IPP minutes from previous meeting
  - <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20171214.pdf>
  - Approved as posted
3. Status of Open Printing WG GSoC 2018 (Ira)
  - <http://www.pwg.org/archives/ipp/2017/019463.html>
  - 4 January to 23 January - Mentor organization applications
  - 23 January - 11 February - GSoC reviews mentor org applications
  - 12 February - GSoC approves mentoring organizations
  - 12 February to 12 March - Students discuss GSoC projects
  - 12 to 27 March - Students apply for GSoC projects
  - 14 project ideas - 30+ first cut student candidates - winnowed down to 5 candidates
  - Primary need is mentor volunteers - IPP WG contributors?
4. IPP Sample Tutorial using an AppImage (Kurt Pfeifle)
  - <http://www.pwg.org/archives/ipp/2018/019466.html>
  - Comments?
5. Status of AMSC and ISO liaisons w/ PWG (Paul)
  - <http://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20171214.htm>
  - See PWG SC minutes of 12/14/17
  - IEEE P3030 meeting next week in Las Vegas - Paul Tykodi will be calling in to present IPP 3D and PWG 3D Print Job Ticket
6. Proposal for IPP for Dummies guide (Mike)
  - <http://www.pwg.org/archives/ipp/2017/019432.html>
  - <http://www.pwg.org/archives/ipp/2018/019465.html>
  - Positive responses from Smith, Bill, Paul, Pete Z
  - IPP WG review on 12/14/17

- Schedule - TBD
  - Pete: Need something ("executive summary") to explain why managers should push for IPP over legacy protocols
    - Ira: "IPP value proposition" marketing document
    - Need both: low-level management and engineers need the "how-to" guide, high-level management needs an executive summary/ elevator pitch so they feel comfortable
    - Pete: always fighting to convince management to change from older legacy protocols to IPP
    - This guide needs the "big words with explanations", executive summary needs familiar "buzz words"
  - PR #1: Intro text from Pete
    - Need to break out references to reference appendix
    - Historical content is more for the executive summary
    - Merge PR and review subsequent edits.
1. PWG5100.5 Issue#68 Send-Document attributes (Smith)
    - <http://www.pwg.org/archives/ipp/2018/019467.html>
    - Expand 3.5 Send-Document and 3.6 Send-URI to list attribute groups
  2. Status of Get-User-Printer-Attributes (Smith)
    - <https://ftp.pwg.org/pub/pwg/ipp/registrations/reg-ippgupa-20171214.pdf>
    - IPP WG approved 12/14/17
    - Schedule - register w/ IANA
  3. Status of IPP Presets (Smith)
    - <https://ftp.pwg.org/pub/pwg/ipp/registrations/reg-ipppreset-20171214.pdf>
    - IPP WG approved 12/14/17
    - Schedule - register w/ IANA
  4. Status of IPP HTTP Authentication white paper (Smith)
    - <http://ftp.pwg.org/pub/pwg/ipp/whitepaper/tb-ippauth-20171205-rev.pdf>
    - PWG F2F review on 11/16/17
    - Schedule - TBD
  5. Status of Multipurpose Tray best practices (Mike)
    - <http://www.pwg.org/archives/ipp/2017/019430.html>
    - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-sweet-mptray-20171127.pdf>
    - IPP WG review on 12/14/17
    - Schedule - IPP WG last call ends on January 24, 2018
    - If approved, published to [ipp/whitepaper/tb-ippmptray-yyyyymmdd.pdf](http://ftp.pwg.org/pub/pwg/ipp/whitepaper/tb-ippmptray-yyyyymmdd.pdf)
  6. Status of Job Save Password (Smith)
    - <https://ftp.pwg.org/pub/pwg/ipp/whitepaper/tb-savepassword-20171205.pdf>
    - IPP WG review on 12/14/17 - two distinct use cases
    - Maybe refactor to "job-save-accesses (1setOf collection)"
      - Use IPP Scan's "destination-accesses" operation attribute as a template/model
    - Schedule - TBD
  7. Review of IPP System Service (Ira/Mike)
    - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsystem10-20171117-rev.pdf>
    - Prototype draft - PWG F2F review on 11/15/17

- Ira: Will look for a link to the AT&T research on software rejuvenation
- Section 6.3.12:
  - Add text: must still Enable and Resume all Printers
  - Figure 1: Change "Ready" to "System Restart Complete (note 1)"
  - Add Note 1: "At conclusion, the System will accept new requests allowing the administrator to set Printer attributes, enable Printers, and resume Printers, for example send Enable-All-Printers and Resume-All-Printers requests." (or something to that effect.
- Section 8.1:
  - Reword: "... attribute to specify a System object as the target of the operation."
- Section 8.3:
  - Reword as for section 8.1.
- Section 9.1:
  - Comment MRS1: How do we delete a printer?
    - Need to add a Delete-Printer operation.
- Still need conformance sections and finish up security considerations...
- Mike will post an updated draft for next week.
- Schedule - prototype in "ippserver" - Stable draft in Q1/Q2 2018

## Next Steps / Open Actions

- Next IPP WG conference call on Thursday, January 18, 2018 and February from 3:00-4:30pm ET
- Action: Smith to post approved IPP GUPA document to /pub/pwg/ipp/registrations directory with "reg-" prefix (DONE)
- Action: Mike to post IPP GUPA registrations to IANA IPP registry (PENDING)
- Action: Mike to update IPP registry policy - published status is "IPP Workgroup Approved", date is the date of approval by IPP WG (PENDING)
- Action: Smith to post approved IPP Presets document to /pub/pwg/ipp/registrations directory with "reg-" prefix (DONE)
- Action: Mike to post IPP Presets registrations to IANA IPP registry (PENDING)
- Action: Mike to start IPP WG last call of mptray best practice on January 4 (DONE, delayed one week to the 24th)
- Action: Mike/Ira to request IESG change of status for RFC 8010/8011 to Internet Standard (PENDING)
- Action: Mike to document ippserver setup on Raspberry Pi for 3D (IN PROGRESS)