

# Internet Printing Protocol Workgroup Meeting Minutes May 11, 2017

Meeting was called to order at approximately 3:00pm ET on May 11, 2017.

## Attendees

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

## Agenda Items

1. IP Policy and Minute Taker
  - IP policy accepted, Mike taking minutes
2. Approve previous minutes:
  - <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20170413.pdf>
  - Approved as posted
  - <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20170503.pdf>
  - Approved as posted
3. Status of AMSC liaison w/PWG (Paul)
  - <http://ftp.pwg.org/pub/pwg/liaison/ansi/pwg-rapid-may-2017.pdf>
  - Paul attended AMSC sessions and spoke at RAPID on 05/09/17 to 05/10/17
  - Highlights summary deferred to next IPP WG call
4. Status of Get-User-Printer-Attributes whitepaper (Smith)
  - <http://ftp.pwg.org/pub/pwg/ipp/whitepaper/tb-userop-20170418-rev.pdf>
  - PWG review at Virtual F2F on 05/04/17
  - Schedule - TBD
5. Status of IPP HTTP Authentication whitepaper (Smith)
  - <http://ftp.pwg.org/pub/pwg/ipp/whitepaper/ipp-authentication.pdf>
  - PWG review at Virtual F2F on 05/04/17
  - Schedule - TBD
6. Status of PWG 3D Print Job Ticket (Mike)
  - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-smpjt3d10-20170504-rev.pdf>
  - <https://istopwg.github.io/ippregistry/smpjt3d10-current/Print3DService.html>
  - Stable draft - IPP WG Last call started on 05/04/17 / ends on 05/19/17
  - Schedule - PWG approval Q2/Q3 2017 (PWG Last Call and Formal Vote)
7. Review of IPP Presets White Paper (Smith):
  - <http://ftp.pwg.org/pub/pwg/ipp/whitepaper/tb-ipp-preset-20170418.pdf>
  - Section 3
    - Reword last two sentences.

- No way for the Printer to supply explicit preset information to the Client. Preset information can be configured by admin, operator, or vendor.
  - job-preferred-attributes from Validate-Job or job creation request returns what the printer will use as defaults/overrides for a given job ticket
  - job-constraints-supported/job-resolvers-supported provides hard constraints
  - This would avoid round-trips and hardcoded assumptions on the Client
  - Use case envisions this as presets being auto-applied but users could override
- Could also be used as named presets ("print duplex booklets", "print photos", etc.)
- Need good/broader examples
  - Client may already have built-in presets for standard values
  - Focus should be on a) supporting common/built-in presets for vendor values, b) supporting presets for vendor attributes and values, and c) providing vendor and site-specific presets (printing on specific letterhead, etc.)
- "Driver parity"
- Section 4:
  - Focus on "this is the solution", use an appendix for "road not taken" information
  - Section 3 can talk about the existing IPP mechanisms and why they are insufficient
- Section 5.1:
  - Put under section 4 (no need for a separate section)
  - Should be "1setOf collection"
  - Q: job-constraints-supported and job-resolvers-supported are separate so that multiple constraints can use the same resolver, do we need the same thing for presets?
    - A: Maybe
    - "job-triggers-supported" and "job-presets-supported" (1setOf collection for both) with a common "preset-name (name(MAX))" member attribute, other member attributes are the job template attributes and values
    - Example: client could list presets such as "booklet printing" that pick all job template attributes to successfully print that intent, and triggers could allow client to apply the same preset if the user picks the corresponding finisher option by hand
    - strings file would need a "preset-key (keyword)" member attribute (name values are localized, keywords are US English that are localized via strings file)
  - Should talk about implementation issues: large numbers of presets, identical presets and/or triggers, etc.

8. Review of IPP WG Charter (Ira)
  - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp-charter-20170508-rev.pdf>
  - Line 17: Just say "New mobile devices (cellphones, tablets, etc.) ..."
  - Line 21: "in In shared" should just be "in shared"
  - Drop "e.g." before all parenthetical examples that end with "etc."
  - Lines 21-23: First sentence should be two (put a period instead of comma before "enterprise services"
  - Review at next steering committee meeting and then start a call for objections
  - Schedule - PWG approval Q2/Q3 2017 (PWG Call for Objections)
9. Review of IPP System Service (Ira/Mike)
  - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsystem10-20170509-rev.pdf>
  - Interim draft - PWG review at Virtual F2F on 05/03/17
  - Schedule - Prototype draft in Q3 2017 - prototype in "ippserver"
  - Deferred until next IPP WG call

## Next Steps / Open Actions

- Next IPP WG conference calls on Thursday, May 25 and June 8, 2017 from 3:00-4:30pm ET
- Action: Mike to merge fixes for Issue #17 and create a 1.0 update 2 milestone in ippeveselfcert project (PENDING)
- Action: Mike to provide Register-Output-Device text to Ira (PENDING)
- Action: Mike to check on group ordering restrictions in CUPS (PENDING)
- Action: Mike to experiment to see what is required to start up the audio connected to the screen-sharing webex session, report to chairs (DONE)
- Action: Mike to post deprecation template for 'jog-offset' finishings/finishing-template values, with reasons (PENDING)
- Action: Mike to document ippserver setup on Raspberry Pi for 3D (PENDING)
- Action: Mike to develop ipptool tests for IPP 3D (PENDING)
- Action: Mike to look at document template to fix level 3 headings which are not bold (ONGOING - template was correct, Mike will look at the System Service document instead)