

Internet Printing Protocol Workgroup Meeting Minutes

March 29, 2018

Meeting was called to order at approximately 3pm ET on March 29, 2018.

Attendees

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

Agenda Items

1. IP Policy and Minute Taker
 - <https://ftp.pwg.org/pub/pwg/general>
 - IP policy accepted, Mike taking minutes
2. Review previous minutes
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20180315.pdf>
 - Approved as posted
3. Status of Open Printing WG GSoC 2018 (Ira)
 - <http://www.pwg.org/archives/ipp/2018/019511.html>
 - DONE - 4 January to 23 January - Mentor organization applications
 - DONE - 23 January - 11 February - GSoC reviews mentor org applications
 - DONE - 12 February - GSoC approves mentoring organizations
 - DONE - 12 February to 12 March - Students discuss GSoC projects
 - DONE 12 to 27 March - Students apply for GSoC projects
 - 23 April - GSoC approves projects and Students
 - 14 May - GSoC coding begins
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
 - <http://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20180315.htm>
 - See PWG SC minutes of 03/15/18
5. Status of How to Print Using the Internet Printing Protocol (Mike)
 - <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20180207.pdf>
 - IPP WG edits during PWG Virtual F2F on 02/07/18
 - Current HTML draft available in Github repository
 - <https://github.com/istopwg/pwg-books>
 - Schedule - TBD
6. Status of IPP HTTP Authentication white paper (Smith)
 - <http://ftp.pwg.org/pub/pwg/ipp/whitepaper/tb-ippauth-20180123-rev.pdf>
 - Interim draft - PWG Virtual F2F review on 02/08/18
 - Schedule - TBD

7. Status of IPP Encrypted Jobs and Documents (Mike/Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-trustnoone-20180328-rev.pdf>
 - Initial draft - output of PWG Virtual F2F and IPP WG discussions
 - Open questions in draft; review in a future meeting
 - Schedule - TBD
8. Status of IPP System Service (Ira/Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippssystem10-20180214-rev.pdf>
 - <http://www.pwg.org/archives/ipp/2018/019475.html>
 - <https://github.com/istopwg/ippsample/projects/1>
 - Prototype draft - PWG Virtual F2F review on 02/07/18
 - Schedule - prototype in "ippserver" - Stable draft in Q2/Q3 2018
9. Review of IPP Privacy Attributes (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippprivacy10-20180328-rev.pdf>
 - Section 1: Replace "countries" with "regions" since the example is not a country.
 - Fix GDPR link, any others that are broken across lines in references.
 - Status: Stable
 - Ready for IPP WG last call after posting of a new draft - 10 days minimum
10. Status of IPP Everywhere Printer Self-Certification 1.0 Update 3?
 - <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20180215.pdf>
 - Goals, ipptool and ippfind updates
 - 1.0 Update 3 to be based on CUPS 2.2.7 (current stable release)
 - 1.1 to be based on CUPS 2.3.x (current development branch)
 - Schedule - hopefully test binaries by April 12th meeting.
11. Status of IPP Job Save Password (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/whitepaper/tb-savepassword-20180313.pdf>
 - <http://www.pwg.org/archives/ipp/2018/019528.html>
 - What about Resubmit-Job? Just because the operation is supported, that doesn't mean that all jobs can be resubmitted?
 - How to preserve access password?
 - Saved jobs with access password are only available via printer control, not IPP
 - Just say "Resubmit-Job can't be used on jobs that are saved this way"?
 - Or don't say anything since the owner can do it via IPP but anyone can do it (that has the password) via the console
 - Do we really want to extend job-save-disposition from JPS2?
 - Probably not, since we want a way to tell the printer to hold a copy of the job and allow anyone with a passcode to reprint it from the console
 - Maybe just "job-reprint-password" and "job-reprint-password-encryption" operation attributes
 - Only use collection if we need more for credentials
 - Don't tie it to job-save-disposition - unnecessary to require full implementation of job save just for reprint

- Smith to verify reprint requirements to determine whether a single password is sufficient for reprint use cases.
 - New filename with the change should be "wd-ippreprint10-yyyymmdd.ext".
 - Cover page and heading should say "IPP Registration"
12. Canon media size proposal
- Previously approved iso_id-1_53.98x85.6mm, but would also like om_card_54x86mm
 - Apple issue: if we see both om_card_54x86mm and iso_id-1_53.98x85.6mm, we will merge the sizes because they are effectively the same dimensions - this has caused issues for us in the past with other sizes.
 - Client side, what name to use? Or (as Apple does) we ignore the name and use the dimensions and margins.
 - Register both values, note the compatibility issues (5mm size matching tolerance is common) and that printers should not advertise both iso_id-1 and om_card
 - Action: Mike to register om_card_54x86mm, iso_id-1_53.98x85.6mm, and other sizes from 2014 request in IANA IPP registry
13. Review of IPP Everywhere 1.1 (Mike)
- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeve11-20180209-rev.pdf>
 - <http://www.pwg.org/archives/ipp/2018/019501.html>
 - Initial draft - 02/09/18
 - Did not get to this.

Next Steps / Open Actions

- Next IPP WG conference calls on Thursday, April 12 and 26 from 3:00-4:30pm ET
- Action: Mike to register om_card_54x86mm, iso_id-1_53.98x85.6mm, and other sizes from 2014 request in IANA IPP registry
- Action: Smith to confirm that Job Save Password reprint use cases only need a single password/passcode (PENDING)
- Action: Mike to update ippeveselfcert project with new ipptool/ippfind software/fixes (PENDING)
- Action: Smith to follow-up on the 3MF liaison agreement (IN PROGRESS - waiting for follow-up from Microsoft)
- Action: Mike/Ira to request IESG change of status for RFC 8010/8011 to Internet Standard (PENDING - soon)
- Action: Mike to document ippserver setup on Raspberry Pi for 3D (IN PROGRESS - close to wrapping it up)