

Internet Printing Protocol Workgroup Meeting Minutes

March 15, 2018

Meeting was called to order at approximately 3pm ET on March 15, 2018.

Attendees

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

Agenda Items

1. IP Policy and Minute Taker
 - IP policy accepted, Smith taking minutes
2. Review previous minutes
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20180215.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
 - 12 to 27 March - Students apply for GSoC projects
 - 14 project ideas - 30+ first cut student candidates
 - Call for PWG mentor volunteers for IPP projects from Aweek Basu
 - Students and projects are now being tracked here:
 - <https://docs.google.com/spreadsheets/d/1lwB-82xigq9TUgfgCrsGai6l0Ws5o1u3PdKMH0znC5c/edit#gid=955314257>
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
 - <http://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20180215.htm>
 - <http://ftp.pwg.org/pub/pwg/general/minutes/pwg-plenary-minutes-20180207.htm>
 - See PWG SC minutes of 02/15/18 and PWG Plenary minutes of 02/07/18
5. Status of Welcome to Printing with IPP (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
 - New working title: "How to Print Using the Internet Printing Protocol"
 - 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/Review of IPP Encrypted Jobs and Documents
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-trustnoone-20180219.pdf>
 - <https://ftp.pwg.org/pub/pwg/ipp/slides/ipp-document-encryption-february-18.pdf>
 - Initial draft - output of PWG Virtual F2F and IPP WG discussions
 - 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>
 - Prototype draft - PWG Virtual F2F review on 02/07/18
 - Schedule - prototype in "ippserver" - Stable draft in Q2/Q3 2018
 - Prototyping tasks being tracked as a Github project:
 - <https://github.com/istopwg/ippsample/projects/1>
- 9. Status/Review of IPP Privacy Attributes (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippprivacy10-20180215.pdf>
 - <http://www.pwg.org/archives/ipp/2018/019499.html>
 - Interim draft - IPP WG review on 02/15/18
 - Section 7.1:
 - Drop ", see:"
 - Fix lines 339-340 (should be a regular paragraph)
 - Section 7.2:
 - Change SHOULDs to MUSTs
 - Section 7.3:
 - Change "SHOULD provide" to "MUST support"
 - Section 7.4:
 - Heading: Logging
 - Printers MUST support logging of all changes to privacy attributes and SHOULD support logging of all access to privacy attributes of objects under the Printer's control.
 - Add informative reference to GDPR
 - Maybe "<https://gdpr-info.eu>"?
- 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
 - Schedule - TBD
- 11. Review 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>
 - Interim draft - for IPP WG review on 03/15/18
 - Section 4.1:

- Line 140: "The REQUIRED ..." (instead of OPTIONAL)
 - Sections 4.1.3 and 4.1.5: make REQUIRED, drop second paragraphs (not conditional)
 - Section 5.1: Make 'access-password' and 'access-user-name' required values.
 - Need to expand discussion of how the use cases are addressed - how to ensure a job-password is used, only authorized users can reprint, etc.
 - Action: Smith to expand discussion of how reprinting a saved job will happen, cover the use cases
 - access-x509-certificate:
 - Dangerous to provide Printer with private key for signing on behalf of the End User
 - Should we just deprecate access-x509-certificate completely?
 - See discussion in IPP mailing list archive.
12. 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 call on Thursday, March 29 from 3:00-4:30pm ET
- Action: Smith to expand discussion of how reprinting a saved job will happen, cover the use cases
- 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 - query sent, awaiting reply)
- Action: Smith to incorporate document encryption contents into new IPP Encrypted Jobs and Documents (TRUSTNOONE) registration document (DONE)
- Action: Mike/Ira to request IESG change of status for RFC 8010/8011 to Internet Standard (PENDING - after IETF 101)
- Action: Mike to document ippserver setup on Raspberry Pi for 3D (IN PROGRESS - close to wrapping it up)