

Internet Printing Protocol Workgroup Meeting Minutes September 14, 2017

Meeting was called to order at approximately 3:00pm ET on September 14, 2017.

Attendees

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. Previous Minutes
 - <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20170817.pdf>
 - Approved as posted
3. Errata
 - <http://www.pwg.org/archives/ipp/2017/019302.html>
 - ippserver: line number error
 - Accepted
 - <http://www.pwg.org/archives/ipp/2017/019303.htm>
 - ipptool: host name shouldn't be case sensitive
 - Accepted, similar fix already merged
 - <http://www.pwg.org/archives/ipp/2017/019324.html>
 - PWG 5100.7: [jobx] and [ippdoc] references
 - Confirmed: jobx is "this specification" and "ippdoc" is PWG 5100.5, see list thread
 - <http://www.pwg.org/archives/ipp/2017/019333.html>
 - PWG 5100.7: overloaded use of "defaults"
 - Confirmed: need paragraph to explain order of precedence, what defaults mean, see list thread
4. Status
 - AMSC and ISO liaisons w/ PWG (Paul)
 - <http://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20170803.htm>
 - See PWG SC minutes from 08/03/17
 - PWG 3D Print Job Ticket (Mike)
 - <http://ftp.pwg.org/pub/pwg/informational/bp-smpjt3d10-20170818.pdf>
 - PWG Best Practices (18 August 2017)
 - Mapping of CIP4 JDF to PWG PJT (JDFMAP) (Ira, Rick)

- <http://ftp.pwg.org/pub/pwg/informational/bp-smjdfmap10-20170828.pdf>
 - PWG Best Practices (28 August 2017)
 - Get-User-Printer-Attributes (Smith)
 - <http://ftp.pwg.org/pub/pwg/ipp/whitepaper/tb-userop-20170801-rev.pdf>
 - IPP WG adopted for registration track
 - Schedule - TBD
 - IPP Presets whitepaper (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/tb-ipp-preset-20170912-rev.pdf>
 - IPP WG adopted for registration track
 - Schedule - TBD
 - IPP HTTP Authentication whitepaper (Smith)
 - <http://ftp.pwg.org/pub/pwg/ipp/whitepaper/tb-ippauth-20170803.pdf>
 - PWG F2F review on 08/10/17
 - Schedule - TBD
5. "job-password" and "job-save-disposition" (Smith)
- <http://www.pwg.org/archives/ipp/2017/019238.html>
 - Discussed at IPP WG on 06/29/17 and mailing list through 08/17/17
 - Schedule - awaiting further input from Smith, Mike, Ira
 - Need a new save[-document]-password operation attribute to do PDF encryption, but PDF encryption isn't particularly strong/secure
 - What is the use case/requirement?
 - Saving/transporting an encrypted document to protect it - not at all like job-password (PIN printing released at console without encryption)
 - Also associated with IPP authentication - user identity might be used to obtain encryption keys/context
 - TLS provides protection in transit, self-encrypting drives/encrypted filesystems provide some protection at rest, but we need something on top of that...
 - Solution might be outside IPP, e.g., encrypted document archive where Client/User provides decryption keys to recipient out-of-band from IPP, IPP printer just advertises support for the encrypted archive format
6. Review of IPP System Service (Ira/Mike)
- <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsystem10-20170910-rev.pdf>
 - Prototype draft - PWG F2F review on 08/09/17 - completed
 - Schedule - prototype in "ippserver" - Stable draft in Q4 2017
 - Deferred until Sept 28th meeting

Next Steps / Open Actions

- Next IPP WG conference calls on Thursday, September 28 and October 12, 2017 from 3:00-4:30pm ET
- Review white paper template
- Action: Ira, Mike, and Paul to check and fix the IEEE organizations listed in the

August F2F minutes (ONGOING)

- Action: Mike/Ira to request IESG change of status for RFC 8010/8011 to Internet Standard (PENDING)
- Action: Mike to send summary of IPP registration document process to SC (DONE)
- Action: Paul to forward the AWS liaison process to the SC (DONE)
- Action: Mike to update document templates to use "this document" instead of "this spec" or "this standard" (DONE)
- Action: Mike to review document template boilerplate and recommend changes and simplifications (DONE)
- Action: Smith to write up job-password/job-save-disposition/resubmit use cases/requirements (DONE)
- Action: Mike to document ippserver setup on Raspberry Pi for 3D (IN PROGRESS)
- Action: Mike to look at document template to fix level 3 headings which are not bold (ONGOING - template is correct, Mike will look at the System Service document instead)