

Internet Printing Protocol Workgroup Meeting Minutes

December 14, 2017

Meeting was called to order at approximately 3pm ET on December 14, 2017.

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. Approve IPP minutes from previous meetings
 - <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20171109.pdf>
 - <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20171115.pdf>
 - Approved as posted
3. Status
 - AMSC and ISO liaisons w/ PWG (Paul)
 - <http://ftp.pwg.org/pub/pwg/general/minutes/pwg-plenary-minutes-20171115.htm>
 - See PWG F2F minutes 11/15/17
 - 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
 - OAuth Security Workshop 2018:
 - <https://st.fbk.eu/osw2018>
 - Schedule - TBD
4. Proposal for IPP for Dummies guide (Mike)
 - <http://www.pwg.org/archives/ipp/2017/019432.html>
 - Positive responses from Smith, Bill, Paul, Pete Z
 - Targeted at new developers - primarily enterprise mobile and server applications where there is no existing client implementation (or none that is suitable)
 - Short - 25? pages for reading in one sitting
 - Index of attribute like IANA registry?
 - Or a feature-focused view of standards?
 - What attribute/operation/value to use?
 - Q: What about diagrams from IIG 2?

- A: Possibly, but many may not matter to enterprise app developers
 - Q: What about 3D?
 - Paul would like it
 - A: Consensus is to keep 3D separate
 - Talk about scope in intro
 - Schedule - revisit next year
5. Approval of Get-User-Printer-Attributes (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippgupa-20171117.pdf>
 - IPP WG adopted for registration track - WG LC ended 12/01/17
 - Status: IPP Workgroup Approved
 - Date should be today (December 14, 2017)
 - Action: Smith to post approved IPP GUPA document to /pub/pwg/ipp/registrations directory with "reg-" prefix
 - Action: Mike to post IPP GUPA registrations to IANA IPP registry
 - Action: Mike to update IPP registry policy - published status is "IPP Workgroup Approved", date is the date of approval by IPP WG
 6. Approval of IPP Presets (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipppreset-20171116.pdf>
 - IPP WG adopted for registration track - WG LC ended 12/01/17
 - Status: IPP Workgroup Approved
 - Date should be today (December 14, 2017)
 - Action: Smith to post approved IPP Presets document to /pub/pwg/ipp/registrations directory with "reg-" prefix
 - Action: Mike to post IPP Presets registrations to IANA IPP registry
 7. Review 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>
 - First draft on 12/05/17
 - Schedule: Two-week IPP WG Last Call in January 2018 starting on January 4th ending January 17th
 - Action: Mike to start IPP WG last call of mptray best practice on January 4 (ending the 17th)
 8. Review of Job Save Password (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/whitepaper/tb-savepassword-20171205.pdf>
 - First draft of white paper - review in IPP WG calls
 - Comments from IPP mailing list:
 - Section 1: some mention of job-password being a Job Template attribute, but it is an operation attribute (which is correctly noted in subsequent sections)
 - Section 4.2: Any password attribute needs to be protected, so these should be operation attributes and not Job Template...
 - Section 6: Will obviously need a lot of discussion of how to protect and handle the passwords.
 - Overall I'm still not sure about the use case for this, or how it would all work together. Is this an extension of "job-save-disposition", where the password would be used for the saved document? If so,

- I'd recommend that the attributes be called "job-save-password[-xxx]" to make that clearer, and add some discussion of that.
- Also, how does a Client re-print the saved job? Resubmit-Job with "document-password"?
 - Maybe we need to refactor this: "job-save-accesses (1setOf collection)" attribute to provide credentials for saving to a URI like we do for document-access (INFRA) and destination-accesses (FaxOut).
 - Don't specify an IPP way to do the "allow another user to reprint the saved content", e.g. Smith saves to network storage and then grants access to Bob through an out-of-band interface
 - Encryption isn't a requirement, but access control *is*
 - Two use cases for save + reprint:
 - Using an IPP client to look at saved jobs and resubmit through IPP
 - Reprint through printer console (most common scenario for HP)
 - Reprint user may or may not be the person that submitted the original job
9. 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
 - Schedule - prototype in "ippserver" - Stable draft in Q1 2018
 - Did not get to this...

Next Steps / Open Actions

- Next IPP WG conference call on Thursday, January 4, 2018 from 3:00-4:30pm ET
- Action: Smith to post approved IPP GUPA document to /pub/pwg/ipp/registrations directory with "reg-" prefix
- Action: Mike to post IPP GUPA registrations to IANA IPP registry
- Action: Mike to update IPP registry policy - published status is "IPP Workgroup Approved", date is the date of approval by IPP WG
- Action: Smith to post approved IPP Presets document to /pub/pwg/ipp/registrations directory with "reg-" prefix
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- Action: Mike to start IPP WG last call of mptray best practice on January 4 (ending the 17th)
- Action: Mike to produce state diagram for Restart-System, add to IPP System (DONE)
- Action: Mike to add resource and system notify-events keywords in IPP System (DONE)
- Action: Ira, Mike, and Paul to check and fix the IEEE organizations listed in the August F2F minutes (CLOSED - November F2F minutes have correct orgs)
- 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)

- Action: Mike to look at document template to fix level 3 headings which are not bold (DONE)