

Internet Printing Protocol Workgroup Meeting Minutes January 31, 2019

Meeting was called to order at approximately 3pm ET on January 31, 2019.

Attendees

Cihan (Kyocera Document Solutions)
Smith Kennedy (HP)
Jeremy Leber (Lexmark)
Ira McDonald (High North)
Michael Sweet (Apple)
Bill Wagner (TIC)
Uli Wehner (Ricoh)
Rick Yardumian (Canon)

Agenda Items

1. IP Policy and Minute Taker
 - http://www.pwg.org/chair/membership_docs/pwg-ip-policy.pdf
 - IP policy accepted, Mike taking minutes
2. Approve previous minutes
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20190117.pdf>
 - Approved as posted
3. Status of various IPP mailing list notes
 - <http://www.pwg.org/archives/ipp/2019/019874.html>
 - How to Use the Internet Printing Protocol book
 - <http://www.pwg.org/archives/ipp/2019/019876.html>
 - Registration for 'media-drying' keyword for "printer-state-reasons" (Smith/Mike)
 - <http://www.pwg.org/archives/ipp/2019/019878.html>
 - TLS 1.3 default in iOS Network.framework (but not in CUPS yet) (Ira/Mike)
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20181105.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20181217.htm>
 - See PWG SC minutes from 5 November 2018
 - See PWG SC minutes from 17 December 2018
5. Status of IPP Authentication Methods (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippauth-20190117-rev.pdf>
 - Stable draft - IPP WG review on 17 January 2019
 - IPP WG consensus to publish as PWG Best Practice
 - IPP WG last call ended today (31 January 2019)
 - No comments, consensus is to start PWG Last Call to span the F2F

- Action: Mike to start PWG Last Call of IPP Authentication Methods ending Feb 28
- Schedule - PWG Last Call Q1 2019
- 6. Status of IPP 3D Printing Extensions v1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp3d11-20190114-rev.pdf>
 - Prototype draft - PWG F2F discussion in November 2018
 - Change list notes change of status to "stable" but cover page doesn't reflect that
 - Fix status to stable, hold off until Jan 31 meeting to possibly get concrete material-type values from Paul
 - Q: Start IPP WG Last Call?
 - A: Yes
 - Action: Mike to start IPP WG Last Call of IPP 3D v1.1, ending Friday after PWG Feb F2F
 - Schedule - PWG Call for Objections Q1 2019
- 7. Status of Safe G-Code (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-pwgsafegcode10-20190114-rev.pdf>
 - Stable draft - PWG F2F discussion in November 2018
 - IPP WG last call ended today (31 January 2019)
 - No comments, consensus is to start PWG Last Call to span the F2F
 - Action: Mike to start PWG Last Call of PWG Safe G-Code ending Feb 28
 - Schedule - PWG WG Last Call Q1 2019
- 8. Status of IPP Everywhere 1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeve11-20190128-rev.pdf>
 - <http://www.pwg.org/archives/ipp/2019/019856.html>
 - <http://www.pwg.org/archives/ipp/2019/019857.html>
 - Stable draft - IPP WG review on 17 January 2019
 - Hold off on IPP WG last call until self-cert is finalized.
 - Schedule - PWG Call for Objections Q1 2019
- 9. Status of IPP Everywhere 1.1 Self-Certification Manual 1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert11-20180704-rev.pdf>
 - Prototype draft - PWG F2F review in November 2018
 - Tool updates needed for new operations, any web site changes
 - Q: Should we abstract the submission procedures from the manual?
 - A: Maybe, we can just point the reader to a standard web page on PWG.org which provides the submission instructions
 - Continue discussion at the February 2019 F2F
 - Action: Mike to add self-certification discussion slides for Feb F2F
 - Schedule - PWG Call for Objections Q1 2019
- 10. Review of IPP Job Extensions v1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobext11-20181023-rev.pdf>
 - Interim draft
 - Next status should be Stable
 - Q: Convert lists of obsolete attributes into tables with notes as needed?
 - A: Consensus is that tables are the preferred format
 - Defer IPP WG Last Call until after February F2F
 - Schedule - Stable draft and WG Last Call Q1 2019

11. Review of IPP Document Object v1.1 (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippdocobject11-20181022.pdf>
 - Prototype draft - PWG F2F review in November 2018
 - Prototyping tasks being tracked as a Github project in "ippserver"
 - Next status should be stable
 - Defer IPP WG Last Call until after February F2F
 - Discuss rationale for changes in this and other errata updates at F2F, discussion about whether to summarize rationale for changes in specs?
 - Schedule - Stable draft and WG Last Call Q1 2019
12. Review of PWG Printer MIB and IPP MFD Alerts 1.1 (Ira)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-pwgmfdalerts11-20181228-rev.pdf>
 - Interim draft - PWG F2F review in November 2018
 - Section 3.3 (Exceptions)
 - IM1: Further discussion at F2F, maybe just "There are no exceptions for the use cases in section 3.2." or something like that.
 - Section 4:
 - IM2: Prior discussion showed that further exposing Printer MIB subunits in IPP is unnecessary - all status is reflected and we have attributes where additional properties need to be exposed
 - Global: Mark header rows in all tables to repeat across pages
 - Sections 6.3 and 6.4:
 - Delete (e) about prtAlertTable
 - Sections 7.1 and 8.1: Fix lists (bulleted)
 - Section 8.1:
 - Lines 460-461 should not be indented
 - Sections 10.1/10.2:
 - Use <https://tools.ietf.org> links
 - Remove RFC 2616, verify that RFC 7230 is needed
 - Next status is prototype, assuming no major changes the following draft can be stable (state keywords and SNMP values are already widely implemented)
 - Schedule - Prototype draft Q1 2019
13. Status of Job and Printer Extensions v2 (Smith)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobprinterext2v20-20180904.docx>
 - <https://ftp.pwg.org/pub/pwg/ipp/slides/IPP-Job-Storage-v2-20181116.pdf>
 - Initial draft - PWG F2F review in November 2018
 - Continue discussions at F2F
 - Job life cycles of normal, proof print, retained/stored job, etc.
 - Smith will do slides for the F2F
 - Schedule - Prototype draft Q2 2019
14. Status of IPP System Service (Ira/Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsystem10-20190130-rev.pdf>
 - Prototype draft
 - Prototyping tasks being tracked as a Github project in "ippserver"
 - Schedule - Stable draft in Q1 2019
15. Status of IPP Encrypted Jobs and Documents (Mike)

- <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrustnoone10-20180328-rev.pdf>
 - Interim draft - PWG F2F discussion in November 2018
 - Good news - PGP-based path forward!
 - Schedule - Prototype draft Q2 2019
16. Open Printing update (Ira)
- OP monthly call (02/12/19)
 - OP renovation progress using Jekyll - new developer team
 - GSoC 2019 Linux Foundation mentor application (01/16/19)
 - GSoC 2019 OP projects edits close (02/06/19)

Next Steps / Open Actions

- Next conference call on February 28, 2019 at 3pm ET
- IPP F2F sessions on February 13/14, 2019
- Action: Mike to start PWG Last Call of IPP Authentication Methods ending Feb 28
- Action: Mike to start IPP WG Last Call of IPP 3D v1.1, ending Friday after PWG Feb F2F
- Action: Mike to start PWG Last Call of PWG Safe G-Code ending Feb 28
- Action: Mike to add self-certification discussion slides for Feb F2F
- Action: Paul to get a list of common concrete standards that can be shown as example material-type values, maybe other environmental values? (IN PROGRESS - Paul collecting information)
- Action: Paul/Smith to determine whether ISTO needs to do anything to participate in ISO SG12 (IN PROGRESS - waiting on INCITS)
- Action: Smith to follow-up on the 3MF liaison agreement (IN PROGRESS - coordinating with 3MF liaison)