

Internet Printing Protocol Workgroup Meeting Minutes

October 5, 2016

Meeting was called to order at approximately 1pm ET on October 5, 2016.

Attendees

Smith Kennedy (HP)
Daniel Manchala (Xerox)
Ira McDonald (High North)
Mike Sweet (Apple)
Paul Tykodi (TCS)
Rick Yardumian (Canon)
Pete Zehler (Xerox)

Agenda Items

1. IP Policy and Minute Taker
 - IP policy accepted, Mike taking minutes
2. Approve previous minutes
 - <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20160926.pdf>
 - Approved as posted
 - Action: Mike to send IANA IPP registry updates to Ira
3. Status of various IPP documents (Ira/Mike/Smith)
 - IETF IPP/1.1 Updates (Mike/Ira)
 - <http://www.ietf.org/internet-drafts/draft-sweet-rfc2910bis-10.txt>
 - <http://www.ietf.org/internet-drafts/draft-sweet-rfc2911bis-11.txt>
 - Changes for new IETF Proposed Standards
 - Alexey Melnikov (IETF ART AD) as AD sponsor on 06/02/16
 - RFC2910bis & RFC 2911bis - IETF Approved as Proposed Standards!
 - Waiting on RFC Editor AUTH-48 phase for several minor edits
 - Schedule - IPP/1.1 RFCs published in Q4 2016
4. Registration for "output-bin" value 'auto' (Mike)
 - <http://www.pwg.org/archives/ipp/2016/018950.html>
 - Proposed on mailing list
 - Approved
 - Action: Mike to add output-bin registration to IANA IPP registry
5. Why are only some dateTime attributes allowed to specify 'no-value'? (Smith/Mike)
 - <http://www.pwg.org/archives/ipp/2016/018953.html>
 - Discussed on mailing list
 - May impact RFC2911bis in AUTH-48 phase?
 - Q: Update RFC2911bis for printer-current-time='unknown', date-time-at-

creation='unknown'

- A: Yes
 - printer-current-time (dateTime | unknown)
 - Note: Previous versions of this document used the 'no-value' out-of-band value when the current date and time had not been set.
 - date-time-at-creation (dateTime | unknown)
 - date-time-at-processing (dateTime | unknown | no-value)
 - date-time-at-completed (dateTime | unknown | no-value)
 - Also:
 - printer-config-change-date-time (dateTime | unknown)
 - printer-state-change-date-time (dateTime | unknown)
 - IPP Everywhere Printer Self-Certification:
 - Allow both no-value and unknown for date-time-at-xxx and printer-current-time and printer-config-change-date-time and printer-state-change-date-time
 - Implementor's Guide: Provide recommendations for date-time setting - well-known Internet NTP server or DHCP-provided NTP server or HTTP Date header or console input
6. Required RTC prevents System Service use by some Printers (Ira/Bill/Mike)
 - <http://www.pwg.org/archives/ipp/2016/018956.html>
 - Discussed on mailing list
 - Q: May impact RFC2911bis in AUTH-48 phase?
 - A: Not directly, fold in changes from RFC2911bis into System Service
 7. Proposed System Service operations for Printers w/ Resources (Ira/Bill/Pete)
 - <http://www.pwg.org/archives/ipp/2016/018964.html>
 - Discussed on mailing list
 - [Allocate|Deallocate]-Printer-Resources
 - See new IPP System Service draft from 10/04/16 (reviewing inline)
 8. "trimming-when" - why no keyword corresponding to 'no-trimming'? (Smith/Daniel/Rick)
 - <http://www.pwg.org/archives/ipp/2016/018972.html>
 - Discussed on mailing list, no new info
 9. [PWG5100.13] Issue #50: Section 1.2 "Coloring" should be renamed to no longer use "Coloring" - perhaps "Filtering"? (Smith)
 - <http://www.pwg.org/archives/ipp/2016/018974.html>
 - Valid, queued up for some eventual update to JPS3
 10. Review of IPP 3D Printing Extensions (Mike)
 - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp3d10-20160824-rev.pdf>
 - Prototype draft
 - Reviewed by IPP WG on 09/19/16 and 09/26/16
 - Mike to provide additional prototyping feedback
 - Schedule - PWG Last Call in Q4 2016
 11. Review of IPP Finishings 2.1 (Smith)
 - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippfinishings21-20161004-rev.pdf>
 - Stable draft

- IPP WG Last Call on 08/22/16 to 09/06/16
 - Section 5.3:
 - job-pages-per-set potentially applies to multiple documents - the multiple-document-handling attribute determines how pages are counted/grouped
 - MUST be evenly divisible with the number of Input Pages. See the sections on the "multiple-document-handling" Job Template attribute [RFC2911] for more information on using this attribute with multiple Document Jobs.
 - Global: Look for lowercase 'may', 'should', or 'must', change to lowercase 'can', 'could', or declarative /OR UPPERCASE conformance as appropriate.
 - Section 6.9:
 - Make second media-col resolver example a 1setOf (line 1192: "}, {"", drop 1193 and 1194)
 - Section 6.18.2:
 - Update ABNF for maxsetsheets parameter
 - Section 6.20:
 - Update table 3 with the correct names, etc.
 - Add subsections with examples and ABNF
 - Schedule - PWG Call for Objections in Q4 2016
12. Review of IPP System Service (Ira/Mike)
- <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippssystem10-20161004-rev.pdf>
 - Interim draft
 - Reviewed by IPP WG on 09/19/16
 - Stopped at beginning of section 6 operations
 - Schedule - Prototype draft in Q4 2016 / Q1 2017
 - Section 5.x: Resource Object
 - Talk a little about interactions with printers, uploaded resources via HTTP
 - Section 6.1.5.1:
 - Drop printer-uri
 - Just LDAP schema attributes subset, different from system-configured-printers (which is the admin summary)
 - Stopped at end of section 6.1.5.1

Next Steps / Open Actions

- Next IPP conference calls October 19 and November 2, 2016 at 1pm ET
- Action: Mike to send IANA IPP registry updates to Ira
- Action: Mike to add output-bin registration to IANA IPP registry
- Action: Mike to create an IPP Resource state diagram (ONGOING)
- Action: Mike to fix registration of job-constraints-supported and job-resolvers-supported to include "resolver-name (name(MAX))" member attribute (PENDING - waiting on RFC publication)