

Internet Printing Protocol Workgroup Meeting Minutes February 29, 2016

Meeting was called to order at approximately 3:00pm ET on February 29, 2016.

Attendees

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

Agenda Items

1. IP Policy and Minute Taker
 - IP policy accepted, Mike taking minutes
2. Review previous minutes:
 - <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20160222.pdf>
 - Approved as posted
3. Status of various IPP documents (Ira/Mike/Smith)
 - IPP Everywhere Printer Self-Certification (SELCERT) (Mike)
 - PWG Approved as PWG 5100.20-2016!
 - IPP Job Password Repertoire" (Smith)
 - <http://ftp.pwg.org/pub/pwg/ipp/wd/wp-job-password-repertoire-20160101-rev.pdf>
 - <http://www.pwg.org/archives/ipp/2015/018661.html>
 - Reviewed by IPP WG on 12/07/15
 - Plan is to register stand-alone (without enclosing IPP spec)
 - Reviewed at PWG F2F on 02/11/16
 - Need to prepare registration templates and review by IPP WG
 - Schedule - IANA registration in Q1 2016
 - IETF IPP/1.1 Updates (Mike/Ira)
 - <http://www.ietf.org/internet-drafts/draft-sweet-rfc2910bis-07.txt>
 - <http://www.ietf.org/internet-drafts/draft-sweet-rfc2911bis-08.txt>
 - Changes for new IETF Proposed Standard
 - Barry Leiba (IETF ART AD) will be AD sponsor - note on 07/12/15
 - 2910bis and 2911bis reviewed by PWG F2F on 02/10/16
 - <http://www.pwg.org/archives/ipp/2016/018715.html>
 - More 2911bis feedback on 02/11/16 (from HP)
 - Mike to do minor edits to 2911bis for IPP System Service alignment
 - Schedule - IETF Last Call in Q1/Q2 2016
 - IPP 3D Printing Extensions (Mike)

- <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp3d10-20160217-rev.pdf>
- Interim draft as IPP project spec on 01/28/16
- Reviewed by PWG F2F on 02/11/16 - stopped at section 5
- Not reviewed by IPP WG (3D session) on 02/22/16
- Schedule - IPP WG review on 03/07/16
- IPP 3D at Drupa (Paul, Anne)
 - <http://www.drupa.com/>
 - Dusseldorf, Germany on 05/31/16 to 06/10/16
 - 3D Fab & Print group offered PWG to have a sub-booth and give talks
 - Paul / PWG to present PWG 3D Printing story at 2:30pm on 06/03 and 06/06
 - Paul and Anne Price (PR Works) met last week to discuss details
- 4. Finishings 2.1 (Smith/Mike)
 - Discussion of adding "feed-orientation" to "finishings-col"
 - <http://www.pwg.org/pipermail/ipp/2016/018726.html>
 - Tabling discussion until Smith can provide visuals
 - Is this just information for the Client or something for the Job Ticket?
 - Maybe media-source as the information for the client?
 - Need to make it clear what the expectation is - best effort vs. fidelity since the original finishings definitions do not address long-edge vs. short-edge issues on the position of staples, etc.
 - Schedule - Smith to post interim draft of 2.1
- 5. Registrations:
 - Job Password Repertoire:
 - <http://www.pwg.org/pipermail/ipp/2016/018728.html>
 - Approved as posted
 - Action: Mike to post response to Job Password Repertoire containing definitions of attributes and deprecation from the white paper
 - Media Sizes:
 - <http://www.pwg.org/pipermail/ipp/2016/018729.html>
 - Approved as posted
- 6. Review of IPP System Service (Ira/Mike)
 - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsystem10-20160228-rev.pdf>
 - Interim draft
 - Reviewed by PWG F2F on 02/10/16 - stopped at section 7.3.13
 - Ira to add collection members in sections 7.2 and 7.3 (and later?)
 - Schedule - Prototype draft in Q1/Q2 2016
 - Action: Mike to post updated WD template with boilerplate "operating system providers" fixed
 - Section 2.3:
 - Add references to RFC 3995/3996/Resource Spec as appropriate
 - Section 3.2.5:
 - Change example to use IPv4 address (look up the example local network IP address conventions used by the IETF, 10.1.2..3? or

- something like that)
 - Line 525: "to find" or "to retrieve" instead of "and read"
- Section 7.2:
 - Add mention of Set-System-Attributes operation and "system-settable-attributes-supported (1setOf type2 keyword)" attribute (a la RFC 3380)
- Section 7.2.5 (natural-language-supported):
 - Rename to "generated-natural-language-supported"
 - Say something about it being a list of languages the System supports for generation of text and name values.
 - Maybe restore deleted text about accepting any naturalLanguage value.
- Section 7.2.10 (system-default-printer-uri):
 - Q: Do we require a default URI as long as there is at least one print service?
 - A: Yes
 - Lines 1690-1692: "When the System has no configured Print Services, it MUST return the 'no-value' out-of-band value defined in [RFC2911]."
 - Add something about setting the default value on creation of the first Print service (maybe in the Create-Printer operation description)
 - "This REQUIRED System attribute identifies the Printer URI of the default Print Service ..."
- System 7.2.12 (system-geo-location)
 - Line 1778: defined in [RFC2911]
 - Line 1780: Delete fragment
- Global: Check all "out-of-band defined in [RFC2910]" (should be RFC2911)
- Sections 7.2.18, 7.2.19:
 - Missing close brace on reference to PWG 5108.01
- Section 7.3:
 - Reword intro slightly: "All of the System Status attributes are READ-ONLY and cannot be changed directly by the Set-System-Attributes operation."
 - Make sure similar changes are done in other xxx Status sections.
 - Update "system-config-change-time/date-time" description to say something about the value being set to the current up-time/date-time when any System Description attribute changes.
- Section 7.3.6: Rename to "power-state-capabilities"
 - Also update in section 5
- Section 7.3.7: Rename to "power-state-transition"
 - Also update in section 5
- Section 7.3.8: Discuss that each Set-System-Attributes request will bump the count (if something changes of course)
- Section 7.3.x: Add "system-config-change-date-time", "system-config-

- change-time", "system-state-change-date-time" and "system-state-change-time"
- Section 7.3.12: Move this to the System Description section
 - And update section 5.
 - Say something about date/Time being inherited by all services
- Section 7.3.15:
 - For idle, "all Printers are in the 'idle' state"
- Stopped at section 7.4

Next Steps / Open Actions

- Next IPP conference calls March 7, 2016 at 4pm ET (3D) and March 14, 2016 at 3pm ET
- Action: Mike to post updated WD template with boilerplate "operating system providers" fixed
- Action: Mike will prepare a registration template for Canon media sizes and post to the IPP WG list (DONE)
- Action: Mike to post registration templates for Job Password Repertoire (DONE)
- Action: Mike to post registration template for trimming-type='draw-line' (PENDING - will post before next regular WG concall)
- Action: Mike to post registration template for 'fold-engineering' (CLOSED - will be part of Finishings 2.1 to coordinate enum assignment)
- Action: Mike to fix *-k-octets in IANA IPP registry - should be Status attributes (PENDING - do this with the Job Password Repertoire registrations)