

Internet Printing Protocol Workgroup Meeting Minutes June 1, 2015

Meeting was called to order at approximately 3pm ET June 1, 2015.

Attendees

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

Agenda Items

1. IP Policy/Minutes
 - a. <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20150413.pdf>
 - b. <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20150429.pdf>
 - c. Approved as posted
2. Status of various IPP documents (Ira/Mike)
 - a. IETF LDAP Printer Schema (Ira)
 - <http://ftp.pwg.org/pub/pwg/ipp/wd/draft-mcdonald-ldap-printer-schema-13-20150430.pdf>
 - Stable draft - updated per Amanda Baber (IANA) final review on 04/30/15
 - RFC Editor Queue - IETF and IANA approved
 - b. IPP Shared Infrastructure Extensions (INFRA) (Mike)
 - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippinfra10-20150504.pdf>
 - PWG Formal Vote started 05/05/15 - ends on 06/19/15
 - Schedule - PWG Candidate Standard Q3 2015
 - c. IPP Everywhere Printer Self-Certification (SELFCERT) (Mike)
 - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert10-20150415-rev.pdf>
 - Reviewed at PWG F2F on 04/29/15
 - Schedule - PWG Last Call Q3 2015 - waiting for update by Mike
 - d. IPP System Service (Ira/Mike)
 - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsystem10-20150428-rev.pdf>
 - Interim draft - need to add operation details
 - Reviewed at PWG F2F on 04/29/15
 - Schedule - Prototype draft in Q3/Q4 2015
3. Status/Review of IPP Implementor's Guide v2.0 (IG) (Smith)
 - a. <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippig20-20150303-rev.pdf>

- b. <http://www.pwg.org/archives/ipp/2015/018513.html>
 - c. Stable draft - prototype report on 12/08/14
 - d. PWG Last Call started 03/31/15 - ended 05/22/15
 - e. Section 14: Add HTTP/2.0 RFC references here and in the informative references.
 - f. Action: Mike to post information on using HTTP/2 with IPP - advantages, etc.
 - g. Action: Smith to prepare updated IPP IG draft and LCRC file showing resolutions to each comment.
 - h. Schedule - PWG Formal Vote Q2/Q3 2015
4. Review of IPP IANA Registration Requests (Mike)
- a. <http://www.pwg.org/pipermail/ipp/2015/018514.html> (new counter attributes)
 - No objections
 - b. <http://www.pwg.org/pipermail/ipp/2015/018517.html> (deprecation of Job Progress Attributes, RFC 3381)
 - No objections
 - Action: Mike and Ira to work with IETF to obsolete RFC 3381
 - c. <http://www.pwg.org/pipermail/ipp/2015/018516.html> (deprecation of Purge-Jobs, etc.)
 - No objections
 - d. <http://www.pwg.org/pipermail/ipp/2015/018518.html> (deprecation of Activate/Deactivate-Printer)
 - No objections
 - e. Action: Mike to send Ira updated IPP IANA registry
5. Review of JDFMAP job state mapping (Ira)
- a. <http://ftp.pwg.org/pub/pwg/sm3/wd/wd-smjdfmap10-20150601-rev.pdf>
 - b. Prototype draft - technical content complete
 - c. Verify section 4.6 job state / job state reasons mappings
 - ProcessingToStopPoint reason is only applicable when the JobState is Processing.
 - Any time you change from Processing to another state, you can have this show up...
 - JobQueuedForMarker is valid in PendingHeld state (assigned to output device)
 - a. Schedule - PWG Last Call Q3/Q4 2015
6. Review of IPP/1.1 updates (Mike/Ira)
- a. <https://www.ietf.org/internet-drafts/draft-sweet-rfc2910bis-03.txt>
 - Section 9: Remove IPP/1.0 references.
 - Section 9.1: Item 3: Reword (IPP objects SHOULD)
 - Global: Look for other lowercase conformance words, "it is recommended", etc.
 - Global: Look for URL, change to URI
 - Section 9.2: Item 3: "server MUST NOT compromise security when a client..."
 - b. <http://www.ietf.org/internet-drafts/draft-sweet-rfc2911bis-01.txt>
 - Section 1: Remove RFC 3381 reference since we are obsoleting it.

- Add changes since RFC 2910 section
 - Section 3.1.5: Reference RFC 3510 for new default port number
 - Section 4.1.8: IPP objects SHOULD accept any request with the major version '1' or '2'.
 - Global: Look for "it is recommended", etc.
 - d. Action: Ira to ask Barry about reserving RFC 7910 and 7911
7. Review of IPP/2.0, 2.1, 2.2 (Mike/Ira)
- a. <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp20-20150527-rev.pdf>
 - b. Line 32, top of page 2: fix copyright (2015 instead of 2014)
 - c. Section 1:
 - Drop IPP/1.0
 - Add forward reference to new appendix on IPP WG and specs
 - d. Section 1.1:
 - Drop "new" from "for each new IPP version"
 - e. Add new section 1.2 on deprecation of things
 - f. Section 3.1:
 - Fix numbering of lists
 - g. Section 4.2: Drop 3381
 - h. Section 5.2:
 - Note 2: should reference Resubmit-Job only, is DEPRECATED only
 - Note 3: is DEPRECATED only
 - i. Sections 5.3 and 5.4:
 - Fix notes about DEPRECATED
 - j. Section 7.4:
 - Just say "TLS" in first sentence.
 - Add "or later" after RFC5246. (maybe lift text from RFC 7472/7525?)
 - Add IPP/2.2 MUST support TLS/1.2 or higher.
 - k. Section 10:
 - Add Unicode security considerations.
 - Add reference to RFC 2911 and 7472 security considerations.
 - l. Global: Drop 3381 from requirements
 - m. Global: Check for leftover references to RFC 3998 and Reprocess-Job operation
 - n. Global: "DEPRECATED" instead of "OPTIONAL - DEPRECATED" or "OPTIONAL and DEPRECATED"
 - o. Make sure we define DEPRECATED as a conformance term
 - p. Add informative appendix for IPP WG and implementor's guides and IPP everywhere
 - q. IPP/2.1 or IPP/2.2:
 - dateTime support? Need date-time-at-xxx and printer-current-time

Next Steps / Open Actions

- Next conference calls June 15 and 29, 2015 at 3pm ET
- Action: Mike to post information on using HTTP/2 with IPP - advantages, etc.

- Action: Smith to prepare updated IPP IG draft and LCRC file showing resolutions to each comment.
- Action: Mike and Ira to work with IETF to obsolete RFC 3381
- Action: Mike to send Ira updated IPP IANA registry
- Action: Ira to ask Barry about reserving RFC 7910 and 7911
- Action: Mike to post accounting attributes registration template to IPP list (DONE)
- Action: Ira to post an issue on the PWG web site for PWG 5100.11's convoluted definition of 'guaranteed'. (PENDING)