

Internet Printing Protocol WG Minutes

March 2, 2015

Meeting was called to order at approximately 3:00pm ET March 2, 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 and Minute Taker
 - a. Policy accepted with Mike taking the minutes
2. Review previous minutes:
 - a. <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20150119.pdf>
 - b. <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20150203.pdf>
 - c. Approved as posted
3. Status of various IPP documents (Ira/Mike)
 - a. IETF IPP over HTTPS Binding and 'ipps' URI Scheme (Ira)
 - <http://ftp.pwg.org/pub/pwg/ipp/wd/draft-mcdonald-ipps-uri-scheme-18-20141218.pdf>
 - IETF standards-track sponsored by Barry Leiba (IETF Apps AD)
 - IESG approved on 7 January 2015 - IANA actions completed on 12 January 2015
 - Schedule - RFC Editor - AUTH48 completed on 26 February 2015 - RFC 7472
 - b. IETF LDAP Printer Schema (Ira)
 - <http://ftp.pwg.org/pub/pwg/ipp/wd/draft-mcdonald-ldap-printer-schema-10-20150129.pdf>
 - RFC Editor Independent Stream per Barry Leiba (IETF Apps AD)
 - RFC ISE approved on 6 February 2016 - IANA review on 18 February 2015
 - Schedule - RFC Editor - waiting for update for IANA by Ira
 - c. IPP Everywhere Printer Self-Certification (SELCERT) (Mike)
 - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert10-20140826-rev.pdf>
 - Prototype draft - prototype reports from HP on 8 & 14 January 2015
 - Reviewed by IPP WG on 08/28
 - Beta tools released on 08/28 (OS X/Linux) and 09/02 (Windows)

- Schedule - PWG Last Call Q1/Q2 2015 - waiting for update by Mike
- d. IPP System Service (Mike/Ira)
 - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsystem10-20141102-rev.pdf>
 - Interim draft - need to add Resource ops, Register/Deregister, Get-Printer-Attributes
 - Reviewed at PWG F2F on 02/03
 - Schedule - Prototype draft in Q2 2015
- 4. Status of IPP Shared Infrastructure Extensions (INFRA) (Mike)
 - a. <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippinfra10-20141118-rev.pdf>
 - b. Stable draft - prototype report at PWG F2F in November
 - c. PWG Last Call extended to 03/09 - 10 responses, quorum achieved
 - d. Schedule - review PWG LC comments - PWG Formal Vote Q1/Q2 2015
- 5. Review of IPP WG Charter (Ira)
 - a. <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp-charter-20150301-rev.pdf>
 - b. Stable draft - updates for IPP/1.1, Transform, Resources, milestones
 - c. Reviewed at PWG F2F on 02/03 - minor edits needed
 - d. No WG objections to current draft
 - e. Schedule - review and approval by PWG SC on 03/05
- 6. Review of IPP Implementor's Guide v2.0 (IG) (Smith)
 - a. <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippig20-20150211-rev.pdf>
 - b. Stable draft - prototype report on 12/08
 - c. Reviewed at PWG F2F on 02/04
 - d. Make sure copyright shows range in footers and on page 2.
 - e. Section 3.1:
 - Move second paragraph to section 2.1
 - f. Figure 17: Move over/resize top block so the whole figure can be scaled up.
 - g. Section 4.6.1: "a" and "with" can be lowercase
 - h. For WD template:
 - Add comments to template for figure recommendations: PNG for line art and text, JPEG for photos, sufficient resolution for printing, copy/paste from native apps
 - i. Figure 33: Fix title (drop section number 4.6.3)
 - j. Drop section 4.7
 - Make sure to globally remove any FaxOut, Scan, etc. multifunction content and references
 - k. Global: Use single quotes around string and boolean values ('true' instead of "true", etc.)
 - l. Section 5.5:
 - Copy info from lines 1230-1233 to this section when we talk about pdl-override-supported and 'guaranteed'.
 - m. Section 5.5.1:
 - Line 1223: "An IPP Client SHOULD:"
 - Semi-colon at end of each bullet but the last (which gets a period).
 - Combine bullets on lines 1230-1233: use only 'guaranteed' for JPEG and PWG Raster

- Reword anthropomorphisms/passive voice; read as if each bullet starts with "An IPP Client SHOULD ..." - active voice only
 - Line 1224: "Only specify "ipp-attribute-fidelity" = 'true' when needed (to avoid unintended side effects such as output scaling, etc.);"
 - Line 1226: "Specify the "job-mandatory-attributes" operation attribute, if available, instead of the "ipp-attribute-fidelity" operation attribute;"
- n. Section 5.5.2:
- Line 1237-1238:
 - Semi-colon at end of each bullet but the last (which gets a period).
- o. Section 5.6:
- Title: "Use "multiple-document-handling" to Collate Copies"
 - Line 1244: "un-collated" -> "uncollated"
- p. Section 5.8:
- Drop table 2
- q. Line 1436: "=" is justified to right edge
- r. Section 9.1:
- Line 1730: First sentence ends.
 - Combine first two sentences: "The "xxx-actual" ... are not guaranteed to be set ..."
 - Line 1734: Job (capitalize Job)
 - "Processors of the Job receipt SHOULD NOT query the "xxx-actual" attribute before the Job has reached a terminating state."
- s. Section 9.2:
- "job ticket validation" instead of "pre-flight"
 - Line 1737-8: "When supported, the Printer will return the "preferred-attributes" attribute in the Validate-Job response if the Printer will perform substitutions to resolve constraints.", "This will allow the Client to correct the Job Ticket prior to Job Submission."
 - Continue working on the rest of the paragraph to match changes...
- t. Stopped at section 9.2.
- u. Smith to prepare an updated stable draft for WG Last Call
- v. Schedule - PWG Last Call Q1/Q2 2015
8. Discuss HP IPP Job Password Constraints Proposal (Smith)
- a. See email discussions
 - b. Reviewed at PWG F2F on 02/04
 - c. Did not get to this
 - d. Schedule - TBD
9. Discuss HP IPP Document Encryption Proposal (Smith)
- a. See email discussions
 - b. Reviewed at PWG F2F on 02/04
 - c. Did not get to this
 - d. Schedule - TBD

Next Steps / Open Actions

- Next IPP conference calls March 16 and 30, 2015 at 3pm ET
- Start WG Last Call of IPP Implementor's Guide 2.0 (IG)
- Action: Smith Kennedy, Ira McDonald, and Joe Murdock to research password policies for job-password attribute (ONGOING)
- Action: Ira to post an issue on the PWG web site for PWG 5100.11's convoluted definition of 'guaranteed'. (PENDING)
- Action: Mike to post IPP registration policy to FTP server (DONE)
- Action: Mike to send Ira description and examples of Register-System operation (PENDING)