Internet Printing Protocol WG Minutes
September 29, 2014

Meeting was called to order at approximately 3:00pm ET September 29, 2014

Attendees

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

Agenda Items

1. IP Policy and Minute Taker
   a. Policy accepted with Mike taking the minutes
2. Approve IPP minutes from previous meetings
   a. http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20140915.pdf
   b. 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-13-20140928.pdf
      - Stable draft with updated boilerplate text (stays standards-track)
      - Sent to RFC Editor Stream per Barry Leiba (IETF Apps AD)
   b. LDAP Printer Schema (Ira)
      - http://ftp.pwg.org/pub/pwg/ipp/wd/draft-mcdonald-ldap-printer-schema-08-20140928.pdf
      - Stable draft with updated boilerplate text (informational)
      - Sent to RFC Editor Stream per Barry Leiba (IETF Apps AD)
   c. IPP Everywhere Printer Self-Certification (SELFCERT) (Mike)
      - http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert10-20140826-rev.pdf
      - Prototype draft - waiting for prototype reports
      - Reviewed at PWG F2F in August
      - Beta tools released
      - Schedule - PWG Last Call Q4 2014
   d. Status of IPP Finishings/2.0 (Mike)
      - http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippfinishings20-20140701-rev.pdf
      - PWG Last Call (ended 09/12/14) - quorum achieved with 11 responses and 82 comments

- Mike will have an updated draft for review on October 20 meeting
- Schedule - PWG Formal Vote Q3/Q4 2014
    e. IPP Shared Infrastructure Extensions (INFRA) (Mike)
        - http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsix10-20140226-rev.pdf
        - Prototype draft - waiting for prototype reports
        - Reviewed at PWG F2F in August
        - Schedule - PWG Last Call Q4 2014
    f. IPP Implementor's Guide v2.0 (Smith)
        - http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippig20-20140814-rev.pdf
        - Prototype draft - waiting for prototype reports
        - Reviewed at PWG F2F in August
        - Schedule - PWG Last Call Q3/Q4 2014
4. Discussion of IPP Scan
    a. http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippscan10-20140917.pdf
    b. PWG Formal Vote until October 17, 2014
    c. Editorial comments:
        - Add description of multiple document (object) support/creation - artifact of document-format.
        - Drop compression-accepted and document-format-accepted from Get-Next-Document-Images; just use the values in the Create-Job request (same for both push and pull scan)
        - Clarify that output to archives is undefined/out-of-scope
            - SM and JDF can do it
            - Add "scan to archive formats" is out of scope
            - Be silent about what happens if document-format is an archive format
        - Update Get-Next-Document-Images description to mention each call returns a new document object containing one or more complete document images (e.g. a JPEG at a time or a PDF at a time, etc.)
5. Review of IPP Registration Process (Mike)
    a. http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp-registry-policy-20140915.pdf
    b. Abstract: "operations, and values" on lines 8 and 9, "did not define", "does not define", "Therefore, this policy document defines the process to allow previously ...", "registrations without IETF designated expert review."
    c. Fix filenames on lines 17 and 18
    d. Line 33: "through its current IETF Designated Experts." (drop mention of names)
    e. Lines 141-end: Make this more general, title "REVIEW PROCESS" or something like that
    f. Mike to publish new draft for review at next IPP WG concall
    g. Once approved by WG members, then bring up at PWG Plenary for final approval
6. Review of IPP System Control Service (Mike/Ira)
    a. http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsystem10-20140824-rev.pdf
    b. Interim draft - complete operations and attributes lists (see change log)
    c. Abbreviate title "(SYSTEM)"

d. Global: change "Imaging Device" to "Imaging System" where system is intended
e. Section 13: IANA and PWG Considerations
f. Section 2.2: Protocol Role Terminology, move first sentence to section 2.3
g. Section 2.3: Imaging Terminology
   - Add FaxOut Service, Print Service, Scan Service, Transform Service
h. Global: RFC2616 -> RFC7230
i. Ira to add discussion note/comment - can a simple printer implementation support SCS operations at the print service URI?
j. Section 3.1:
   - Numbered lists for list of specs
k. Section 3.3:
   - "There are no exceptions to the use cases defined in section 3.2."
l. Section 3.4:
   - "The out-of-scope requirements for this IPP ... are:"
   - "Configuration of Imaging Services through the System Control Service ..."
   - "Pausing or disabling a list of available Imaging Services" or something like that
m. Section 3.5:
   - "The design requirements for this IPP ... are:"
n. Discussion:
   - Restart-Printer, Shutdown-Printer, Startup-Printer: Not really safe for regular services, should it be part of System Control Service?
   - Possible errata to Everywhere, FaxOut, Scan (need to check) or IG update
o. Section 4:
   - Add document object
p. Section 5.3:
   - Reword (can't speculate on whether these are read-only/read-write)
   - Just add note that these attributes are potentially read-write but no operation is currently defined to set them.
   - Discuss adding Set-System-Attributes operation to this version of IPP System Control Service (but still no service creation)
   - Add note about SystemConfiguration group being mapped to configured-subunits attribute
q. System 5.4:
   - system-uuid -> need to document that system-uuid is the system control service, device-uuid is the hardware, printer-uuid is the job service (print, scan, faxout, etc.)
r. Section 5.5:
   - Add note for discussion: bring back single-service operations
   - Add note for discussion: support Set-System-Attributes
s. Finished at section 5.5

Next Steps / Open Actions

- Next IPP conference calls September 29 and October 20, 2014 at 3pm ET (because of the holiday on the 13th)
- Review IPP Finishings 2.0 last call comments at October 20 meeting
- Action: Mike to post PWG Formal Vote for IPP Scan once a new stable draft is available (DONE)
- Action: Ira to add comments to Printer MIB TC in 5107.3 for fax-modem-protocol-error and xxx-recoverable-storage-error - suffix dropped from IPP keyword with corresponding suffix (-error, -report, -warning) added depending on the printer state. (PENDING - for update with the 5107.3 errata)
- Action: Ira to submit Printer MIB registration for new xxx-missing PrtAlertCodeTC values in 5107.3 (PENDING - for update with the 5107.3 errata)