Internet Printing Protocol WG Minutes
September 9, 2013

Meeting was called to order at approximately 3:00pm ET September 9, 2013.

Attendees

Nancy Chen
Smith Kennedy (HP)
Daniel Manchala (Xerox)
Ira McDonald (High North)
Glen Petrie (Epson)
Mike Sweet (Apple)
Rick Yardumian (Canon)

Agenda Items

1. IP Policy and Minute Taker
    a. Policy accepted with Mike taking the minutes
2. Review previous minutes
    a. ftp://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20130722.pdf
    b. ftp://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20130806.pdf
    c. Approved as posted.
3. Status of IPP Charter updates
    a. ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp-charter-20130821-rev.pdf
    b. Get approval from steering committee
4. Status of IPP Transaction-based Printing Extensions (Mike)
    a. ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrans10-20130708-rev.pdf
    b. PWG Last Call extended to 13 September 2013
    c. 7 responses so far, need 9
5. Status of IPP Fax Out (Mike)
    a. ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippfaxout10-20130730-rev.pdf
    b. PWG Last Call - ended 28 June - quorum achieved - 7 sets of comments
    c. reviewed at PWG F2F on 8 August 2013
    d. second PWG Last Call after changes are reviewed in the WG
    e. job termination state (Pete & Ira favor "good news" rollup of job-state)
        - Document as implementation-specific (multiple destinations is an edge case)
        - Hard requirement for job-state='completed', job-state-reasons contains 'job-completed-with-errors', OR job-state='aborted'
        - Always have destination-status
        - Discussion of this should be included in IIG2
    f. Mike to post updated FaxOut draft with all changes.
6. Status of IPP Self-Certification (Mike)
    a. ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert10-20130731-rev.pdf

  b. Updated ipptool and new ippfind
  c. waiting for new draft from Mike
7. Status of IPP Implementor's Guide v2.0 (Smith)
  a. ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippig20-20130722-rev.pdf
  b. reviewed at PWG F2F on 6 August 2013
  c. waiting for new draft from Smith
8. Status of IPP Finishings v2.0 (Mike)
  a. ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippfinishings20-20130814.pdf
  b. Initial draft pending review
9. Review of IPP Shared Infrastructure Extensions (Mike)
  a. ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsix10-20130730-rev.pdf
  b. Notes from Cloud session:
   - Review cloud service operations to make sure that Table 4 Infrastructure Printer operations match (MAY for service operations, MUST NOT for device operations)
  c. Resume at section 5.5
  d. Section 5.5: Add examples of client-error-not-fetchable
  e. Section 5.8 (Update-Document-State)
   - Add impressions-completed, k-octets-processed, media-sheets-completed
  f. Section 5.9 (Update-Job-State):
   - Add job-k-octets-processed
    - Note that Proxy OPTIONALLY supplies this attribute if it is processing the original document data, Infrastructure Printer MUST NOT accept this attribute if the Proxy has fetched preprocessed document data
   - Add attribute to Fetch-Document response that indicates whether document data has been preprocessed "document-preprocessed (boolean)"
  g. Section 5.10 (Update-Output-Device-State):
   - Fix typo: Update-Job-State should be Update-Output-Device-State
   - Add "printer-input-tray", "printer-output-tray", "printer-supplies", and any other read-only attributes
  h. Section 6 (New Client-Infrastructure Printer)
   - are -> is
   - Title change: "New Client to Infrastructure Printer Operations"
    - Also make the same change for section 5 "New Proxy to Infrastructure Printer Operations"
  i. Section 6.1 (Get-Output-Device-Attributes)
   - Add note that filtering is missing here because there is no way for the Proxy to specify alternate values based on document format, etc.
  j. Section 7.4.1 (fetch-document-attributes-supported)
   - MUST include the value "document-format-accepted"
  k. Section 8.x:
   - Add section references to output-device-uuid operation attribute
  l. Section 8.2:

- Add section reference to document-xxx keywords
- m. Section 9.5 notify-events
  - Line 1637 (document-fetchable): "sub-sevent" => "sub-event"
- n. Q: Do we need a document/job attribute that indicates that a job was preprocessed?
  - A: Nice for metrics? Let's continue to think about it…
- o. Section 12: I18N
  - Fix numbering
- p. Section 13:
  - Require TLS for transport.
  - Require server certificate validation
  - Require authentication
  - Look for job and document data privacy details in 2911?

Next Steps / Open Actions

- Next IPP conference calls are September 23 and October 7, 2013 at 3pm ET
- Action: Mike to add spec best-practices to WD template (PENDING)
- Action: Paul to post summary of finishing-template investigation to IPP WG list (PENDING)
- Action: Mike to add finishing-template-supported (1setOf name(MAX)) Printer attribute to IANA registry (PENDING)
- Action: Ira to capture job terminating state wording from IPP FaxOut for SM FaxIn (PENDING)
- Action: Ira to update milestones and add new documents to IPP WG charter (DONE)
- Action: Ira and Mike to review 5100.x specs to remove action items, fix boilerplate copyright text in early specs, fix header/footer/document titles as needed, and fix normative references to drafts, etc. (ONGOING)
- Action: Ira and Mike to work with IANA to update registry to include a "set allowed" column for attributes and improve the plain text formatting (ONGOING - moving read-only attributes to new groups in IANA registry)
- Action: Paul to reach out to label/portable printer vendors to join IPP WG discussions (ONGOING - Paul to send out list before July 22)