Internet Printing Protocol WG Minutes
July 22, 2013

Meeting was called to order at approximately 3:00pm ET July 22, 2013.

Attendees

Nancy Chen
Smith Kennedy (HP)
Daniel Manchala (Xerox)
Tim McCann (Konica Minolta)
Ira McDonald (High North)
Glen Petrie (Epson)
Roarke Randall (Toshiba)
Michael 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. ftp://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20130708.pdf
    b. Approved as posted
3. Status of IPP FaxOut Service
    a. ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippfaxout10-20130501.pdf
    b. Last call concluded with 7 members commenting
    c. Mike to post updated stable draft with responses to all comments prior to F2F, for review at F2F
4. Status of IPP Transaction-Based Printing Extensions
    a. ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipptrans10-20130708-rev.pdf
    b. Section 9.2, line 753: bad reference
    c. Post PWG Last Call through August 12th
5. IPP Self-Certification
    a. ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippselfcert10-20130501-rev.pdf
    b. Mike has completed ippfind tool, for release this week
    c. Mike still working on update, for F2F
6. IPP Implementers Guide 2.0
    a. ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippig20-20130722-rev.pdf
    b. Smith posted update for review at F2F
7. IPP Shared Infrastructure Extensions (IPPSIX)
    a. ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsix10-20130705-rev.pdf
    b. Resumed at section 4.2.4
    c. Section 4.2.4:

- "A proxy cancels or aborts …"
  d. Section 4.2.5:
     - Also printer-strings-uri
     - Q: What about storing these in a Network Resource service?
        - A: Most of those resources are stored local to the printer, also Internet-accessible URLs
     - "printer" prefix is an IPPism, SM uses unprefixed TitleCase names
     - Old IPP Resource draft:
        - ftp://ftp.pwg.org/pub/pwg/ipp/new_RES/draft-ietf-get-resource-01.txt
     - "Public Internet Accessible URIs (without authentication): …"
     - "URIs reported by the Proxy imply Network Accessibility requirements for …"
     - Drop "printer-charge-info-uri", "printer-more-info", "printer-supply-info-uri".
     - Optional: "printer-more-info-manufacturer"
     - Conditionally required: "printer-icc-profiles", "printer-icons", "printer-strings-uri"
     - "Other optional Printer attributes reported by the Proxy with URI values MUST be Public Internet Accessible URIs that do not require authentication."
     - printer-more-info, printer-more-info-manufacturer, printer-icons return URIs, naming is historical
     - printer-icc-profiles returns a set of collections, part of the collection is a URI (also name and job template attributes for the profile)
  e. Section 4.4:
     - Add reference to "sparse-updates-supported" definition
     - Q: Why have the Proxy query, why not just send and fail if the IP doesn't support sparse updates?
        - A: Better to find out if the IP supports them first; already queries for features, operations
        - But let's make it REQUIRED for the IP, RECOMMENDED for the Proxy
     - "Infrastructure Printers MUST support Sparse Updates of all Output Device attributes. Proxies SHOULD support Sparse Updates of Output Device attributes."
     - Fix section reference to Set Output Device Attributes (should be 5.7)
  f. Section 4.5:
     - SHOULD support the Send-URI operation
     - Publicly Internet Accessible
     - supported by the Infrastructure Printer and/or Proxy
  g. Section 2.2:
     - Add Publicly Internet Accessible: definition (Internet Accessible, no authentication)
  h. Section 4.6:
     - MUST NOT be supported by an Infrastructure Printer or Proxy

- Reference IPP Everywhere operations table (for basis of client requirements)
- Table Note 1: Resubmit-Job should be Restart-Job
- Note that the Infrastructure Printer is acting as a server receiving the operations and the client and proxy are acting as clients sending the operations
- Remove Note 1 and just list the MUST NOT operations
  i. Section 5.2.1:
     - Remove job-id from target
     - Reword "that has accepted the Job" (the output device on whose behalf the Proxy has accepted the Identify-Printer request?)
  j. Section 5.3.1:
     - Add job-id to target
  k. Section 5.4:
     - "retrieves the operation GROUP, Document …"
     - Change "document-format" operation attribute in request to "document-format-accepted (1setOf mimeMediaType)" to allow IP to select an available/ready version, default is set of 'document-format-supported' supplied by proxy
  l. Global: Fix indentation of requests/responses
  m. Add some background in section 4 about auto-typing (reference 2911 and IPP -actuals spec)
  n. Stopped at section 5.5

Next Steps / Open Actions

- Next IPP conference call is July 29, 2013 (Joint w/Cloud) at 3pm ET
- IPP WG F2F sessions August 6 and 8, 2013
- Action: Mike to post last call review draft of IPP FaxOut (PENDING)
- Action: Mike to post initial draft of IPP Finishings Extensions (update of 5100.1) (PENDING)
- Action: Paul to post summary of finishing-template investigation to IPP WG list (PENDING)
- Action: Mike to issue PWG Last Call of IPP Transaction-Based Printing Extensions (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: Mike to setup certification mailing list on new server (PENDING)
- Action: Ira to update milestones and add new documents to IPP WG charter (PENDING)
- Action: Ira/Bill to submit technical errata to RFC 3805 to replace CR with CR + LF to be consistent with 5198 and others (PENDING)
- 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)
- Action: Paul to reach out to label/portable printer vendors to join IPP WG discussions (ONGOING - Paul to send out list before July 22)