Internet Printing Protocol WG Minutes
July 8, 2013

Meeting was called to order at approximately 3:00pm ET July 8, 2013.

Attendees

Daniel Manchala (Xerox)
Tim McCann (Konica Minolta)
Ira McDonald (High North)
Glen Petrie (Epson)
Michael Sweet (Apple)
Paul Tykodi (TCS)
Wiiliam 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-20130624.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. Action: Mike to post last call review draft of IPP FaxOut
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 Shared Infrastructure Extensions (IPPSIX)
   a. ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsix10-20130705-rev.pdf
   b. Figure 1: Fix transport line to span width (browser T's into it, security/directory/notification can hang off transport), "Figure 1: Original IPP Model"
   c. Section 1, line 262: "Print Service is unable to initiate"
   d. Section 2.2: Printing Terminology, Client, Printer, Proxy
   e. Section 2.3: Other Terminology: Everything else
   f. Section 3.2.6: Monitor Printer Supplies and Usage (add "Printer")
   g. Section 4:
      - Fix cross reference to Figure 2
   h. Figure 2: Shared Infrastructure IPP Model
   i. Figure 3: IPP Proxy Architectures, do something about captions in figure (looks like body text)
   j. Lines 583-584: Move around so it isn't widowed at the bottom of page 18

under Figure 3
k.   Figure 4: Normal -> Shared Infrastructure
l.   Section 4.1:
- Make sure we have Proxies (not one Proxy) (maybe global)
- "as provided by the Proxies."
- Line 616: add section reference to Get-Output-Device-Attributes
m.   Section 4.1.1:
- Fix broken cross reference
n.   Check Infrastructure Printer definition - make sure we reference Cloud Print Service
o.   Figure 5: Reference back to RFC 2911, Resize to fit on one page
p.   Section 4.1.x: Add references to specs for each operation
q.   Section 4.2:
- Title: IPP Proxy
- "The IPP Proxy is responsible"
- "Conceptually the Proxy is an application gateway between the Output Device and Infrastructure Printer, but it may also interface with a full IPP Printer implementation that provide local printing services."
- Drop "Normally" - "The Proxy tracks ..."
- "for processing" (not progressing)
r.   Section 4.2.1:
- "to provide the Infrastructure Printer with the configuration and state of one or more Output Devices
- "software" to "software-based" (no quotes)
- Reword third paragraph to avoid over use of Output Device's/ Devices'
- Line 845: Missing cross reference for table
- Line 845: "infrastructure-state-message" -> "prtinter-state-message"
s.   Table 2:
- Caption: Infrastructure Printer Job States after Update-Job-State
- Column 1 and 3 - Add Infrastructure Printer to the columns
- Delete Note 1, add rows for 'canceled', 'aborted', and 'completed' (terminating states regardless of the output-device-job-state)
- Note 2: The 'processing' job-state is always combined with the 'aborted-by-system' and 'processing-to-stop-point' job-state-reasons keywords (RFC 2911 section reference)
- Note 3: Same as above for 'canceled-at-device'
t.   Table 3:
- Caption: New Infrastructure Printer Job States after Reset-Fetchable-Jobs
- Headings: include Infrastructure Printer in column headings
u.   Section 4.2.2: Sparse Updates, not partial updates
v.   Section 4.2.3:
- Line 881: Once an event notification is retruned
- Line 887: Investigate what the Fetch-Job response includes...

- Line 889: document data or document URI
- Add back reference to sequence diagram
   w. Global: Add section references for all new ops
   b. Global: Output Devices (plural)
   c. Stopped at section 4.2.4
7. 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 next concall
8. IPP Best Practices
   a. ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippbestp10-20130513-rev.pdf
   b. Smith still working on update, for next concall

Next Steps / Open Actions

- Next IPP conference calls are July 22, 2013 and July 29, 2013 (Joint w/Cloud) at 3pm ET
- Action: Mike to post last call review draft of IPP FaxOut
- 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 change IPP Manager to IPP Proxy in IPPSIX (DONE)
- 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)