Cloud Imaging WG Conference Call Minutes
April 2, 2012

Meeting was called to order at approximately 3:00pm EDT, April 2, 2012.

Attendees

Nancy Chen (Okidata)
Justin Hutchings (Microsoft)
Tim McCann (Konica Minolta)
Ira McDonald (High North/Samsung)
Glen Petrie (Epson)
Michael Sweet (Apple)
Paul Tykodi (TCS)
Larry Upthegrove (End User)
Bill Wagner (TIC)
Rick Yardumian (Canon)
Pete Zehler (Xerox)

Agenda Items

1. IP Policy and Minute Taker
   a. Policy accepted with Mike taking the minutes
2. Review of previous minutes:
   a. ftp://ftp.pwg.org/pub/pwg/cloud/minutes/cloud-f2f-minutes-20120319.pdf
   a. Approved as posted
3. Review initial Cloud Printing Model and Requirements
   a. ftp://ftp.pwg.org/pub/pwg/cloud/wd/wd-cloudmodel10-20120330-rev.pdf
   b. Still some minor issues with heading styles
   c. Section 2.1: Fix RFC 2119 reference - copy from PWG Raster spec, same section
   d. Section 2.2:
      - Client and Printer definitions - copy from IPP/2.0 (PWG 5100.12)
      - Cloud Print Manager: Update to address fan-out?
      - Cloud Print Service: A print service running under the control of a Cloud Print Provider corresponding to a single Cloud Print Manager
         - Fan-out in the Cloud Print Provider is done using a traditional Print Service to multiple Cloud Print Service
         - Fan-out in the Cloud Print Manager is done like IPP fan-out (out of scope)
         - Physical device selection may be done using output-device[-supported] but the Client only ever talks to the Cloud Print Service
      - Registration: Process by which a Cloud Print Manager authenticates itself with and supplies capabilities information to the Cloud Print Provider.
         - Need synonym for "associates" or "binds" for printers?
         - What are the life cycles of registrations?
         - Registration of a printer either creates a new queue (Cloud Print Service) in the Cloud Print Provider or reuses an existing queue from a previous registration
         - Cloud Print Provider is effectively a System Control Service
         - Cloud Print Providers can be discovered automatically via DNS-SD, LDAP, etc.
            - These can also be done manually by owner/admin
      - Association: Process by which a Client authenticates itself, on behalf of the User, with the Cloud Print Provider.
         - Talk about what the client can do with the association in the model section
         - What are the life cycles of associations?
4. Review IPP JPS3
   a. ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobprinterext3v10-20120327-rev.pdf
   b. Line 430: ith should be italics, "referring to a specific value in a set (e.g. "1setOf uri")"
   c. Section 3.2.12:
      - Line 569: "monitors and maintains"
   d. Section 3.4:
      - Lines 604-605: break up into separate numbered items and expand

e. Section 5.1.5:
   - Fix broken references (section 0, reference not found)
f. Section 5.3.3 job-originating-user-name:
   - Fix broken reference
g. Section 5.4.1 subscription-uuid:
   - Line 906: "which can be included...." instead of "may"
h. Section 5.4.2 notify-subscriber-user-uri:
   - Fix broken reference
i. Section 5.5.1 document-uuid:
   - Line 926: "which can be included..." instead of "may"
j. Section 5.6.19 preferred-attributes-supported:
   - Line 1079: Fix broken reference
   - Switch Validate-Document and Validate-Job and merge section reference.
k. Section 5.6.30.2 profile-uri:
   - Explain why SHOULD for printer-resident, either as a section reference or inline
   - Same for other printer-resident SHOULDs
l. Add discussion of semantics for what to do when media-source, -size, and -type cannot be satisfied
m. Action: Mike to post prototype statement for IPP JPS3
n. Section 6.9 Create-Job, Print-Job, ...:
   - Line 1697: Add reference to 5100.11
o. Section 7.2:
   - OK as is, no additional discussion of multiple-document-handling is required
p. Section 7.5 printer-state-reasons:
   - OK to add, also talk about potential other reasons for specific supply types
   - Action: Mike to provide IPP slide on supply types and their printer-state-reasons
q. Table 14 Job Template Attributes... :
   - insert-sheet: potentially (spelled wrong), no additional details
   - separator-sheets: printer generates the content, not from document, turn into list of items (one per keyword)
r. Section 11.2:
   - Line 1977: Break into numbered list for each attribute
   - Line 1999: Break into numbered list for each attribute
s. Section 11.4:
   - "minimize network bandwidth"
t. Action: Ira to reduce RFC 4559 reference in LDAP schema to informative
u. Mike to post update with Status: Stable

Next Steps / Open Actions

- Next conference call April 16, 2012 at 3pm Eastern Time - joint call with IPP to review F2F slides
- Finish mapping document
- Continue work on Cloud Printing Requirements and Model
- All members to work with Larry to fill out Cloud Printing spreadsheet (ONGOING - updating with content from Epson and PrinterOn)
- Continue Mapping of PWG Semantic Model elements into PPD, MSPS, and JDF formats (Best Practices Document)
   - Ira to work with Justin on MSPS mapping (PENDING)
- Action: Mike to post prototype statement for IPP JPS3
- Action: Mike to provide IPP slide on supply types and their printer-state-reasons
- Action: Ira to reduce RFC 4559 reference in LDAP schema to informative
- Action: Mike to check document template - "initial" instead of "preliminary" for status (PENDING)
- Action: Ron or Bill to post a call for wider participation of driver developers for the XPS/MSPS stuff (ONGOING - who do contact?)
- Action: Mike to prepare new draft of PPD Mapping whitepaper (ONGOING - pending table updates)