Cloud Imaging WG Conference Call Minutes
March 19, 2012

Meeting was called to order at approximately 3:00pm EDT, March 19, 2012.

Attendees

Nancy Chen (Okidata)
Ira McDonald (High North/Samsung)
Ron Nevo (Samsung)
Glen Petrie (Epson)
Michael Sweet (Apple)
Larry Upthegrove (End User)
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-20120305.pdf
   a. Approved as posted
3. Review updated IPP WG charter
   a. ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeverywhere-charter-20120319-rev.pdf
   b. Line 172: Transform spelled wrong
   c.
4. Review initial Cloud Printing Model and Requirements
   a. ftp://ftp.pwg.org/pub/pwg/cloud/wd/wd-cloudmodel10-20120319.pdf
   b. Title and headers: Cloud Printing Requirements and Model
   c. Copyright: 2012 throughout
   d. Abstract: Drop "and multifunction imaging"
   e. Title page: list both .docx and .pdf links, with date suffix (YYYYMMDD)
   f. Action: Mike to check document template - "initial" instead of "preliminary" for status
   g. Q: Will this be part of SM 2.0?
      - A: Depends on when it is ready
   h. Line 9: Fix title
   i. Line 71: Delete
   j. Section 3.1: Rationale for Cloud Printing
   k. Section 3.2: Use Cases (merge with 3.1 Print)
   l. Section 3.3.x: Change sections to numbered list
   m. Section 1:
      - Expand list of services that can be cloud-based, or ", etc."
      - Line 165: "use of late document transforms" or something like that (so as not to confuse with transform service)
      - Leave "Cloud Print Provider", "Cloud Print Manager" as-is, will use "Cloud Imaging Foo" in Cloud Multifunction Requirements and Model
   n. Line 156: Delete
   o. Line 157: Delete leading space
   p. Lines 167-168: Delete
   q. Global: Delete all empty lines where unnecessary
   r. Section 2.1: Update reference to 2119 to use RFC title (see current PWG Raster Format spec)
   s. Section 2.2:
      - Line 183: Use more formal definition/reference from MFD Model for Client
      - Line 184: Drop "output"
      - Line 185: Use more formal definition/reference from MFD Model for Printer
      - Line 186: Cloud Print Manager (not Printer)
      - Registration: may need to separate client and printer - needs further discussion
         - Printers provide services, users provide jobs
         - Is "register" the right verb for users/clients, or something else?
         - Services are registered with access list (everyone or list of users/groups/whatever) and

            owner (a user?)
- Clients provide (and authenticate) identity with Cloud Print Provider, which then allows access to all public services and services for which the user owns or has access to
- Clients only have access to the services in the cloud, not to the printer's services or Cloud Print Manager's services

t. Section 3.1:
- Expand on "hybrid model", e.g. "The cloud can be private, public, or some hybrid federation of the two."
- "User's location"

u. Use cases: fix paragraphs (cut/paste error, lines in paragraphs need to be together to get spacing right...)

v. Section 3.2 Out of Scope:
- Line 441: Delete
- Make the rest a numbered list
- Imaging -> Print
- Imaging Device -> Printer
- Add out-of-scope for multifunction services and workflows

w. Section 3.3 Requirements:
- Make subsections a numbered list

x. Section 4: Cloud Print Model

y. Section 4.1: Cloud Print Model Overview

z. Section 4.1.1 Client:
- Import definition from IPP; supplies document and print intent to a Cloud Print Provider for a specific print service
- "Print Client", or just note that this document only deals with print clients?

a. Global - capitalize all terms:
- client -> Client
- cloud print provider -> Cloud Print Provider
- cloud print manager -> Cloud Print Manager
- printer -> Printer
- etc.

b. Additional sections:
- Section 4.2 Cloud Print Objects (summary/overview)
- Section 4.3 Cloud Print Operations (summary/overview)
- Section 5 Cloud Registration Object (operations and elements/attributes)
- Section 6 Cloud Print Service (operations and elements/attributes)

c. Section 11.1: March 19, 2012

d. Next document status will be "interim" (and will stay that way for a while until we are done)

e. Larry will continue to make changes and integrate text from other members

Next Steps / Open Actions

- Next conference call April 2, 2012 at 3pm Eastern Time
- Finish mapping document
- Continue work on Cloud Print Requirements and Model
- All members to work with Larry to fill out Cloud Printing spreadsheet (ONGOING - updating with content from Epson)
- 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 check document template - "initial" instead of "preliminary" for status
- Action: Larry to post skeleton Model document (DONE)
- Action: Ira to add "IPP Shared Infrastructure Extensions (IPPSIX)" to IPP Everywhere charter (phase 2) (DONE)
- Action: Pete to align SM with proposed IPPSIX operations (DONE)
- Action: Justin to work with Microsoft Legal on the appropriate citation/reference to MSPS based on the new license for inclusion with the MSPS content in the mapping document, and any process for the PWG to make a formal request (DONE - SC to forward proposed reference text to MS legal)
- Action: Ron or Bill to post a call for wider participation of driver developers for the XPS/MSPS stuff (ONGOING - now unstuck)

- Action: Mike to prepare new draft of PPD Mapping whitepaper (ONGOING - pending table updates)