

Cloud Imaging WG Conference Call Minutes

April 16, 2012

Meeting was called to order at approximately 3:00pm EDT, April 16, 2012.

Attendees

Nancy Chen (Okidata)
Ira McDonald (High North/Samsung)
Ron Nevo (Samsung)
Glen Petrie (Epson)
Michael Sweet (Apple)
Randy Turner (Amalfi)
Larry Upthegrove (End User)
Rick Yardumian (Canon)

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-20120402.pdf>
 - a. Approved as posted
3. Review Cloud F2F Meeting slides
 - a. <ftp://ftp.pwg.org/pub/pwg/cloud/slides/Cloud-WG-Meeting-April-2012d1.pdf>
 - b. All slides: fix copyright in footer
 - c. Slide 1: Fix date (2012)
 - d. Slide 3: Fix title of last document for Ron ("Model", not "Mode")
 - e. Insert before slide 6: "Mapping of ..." with link to current mapping document and title
 - f. Slide 6: Title "PPD Support Materials"
 - g. Slide 7: Title "JDF Support Materials"
 - h. Slide 8: Title "MSPS Support Materials"
 - i. Slide 10: May 21st
4. Review IPP F2F slides
 - a. <ftp://ftp.pwg.org/pub/pwg/ipp/slides/ipp-wg-agenda-april-12d1.pdf>
 - b. Slide 2:
 - Possibly add "IPP Interop Preliminary Results" between status and IPP Everywhere
 - PWG Media Standardized Names 2.0 (MSN2)
 - c. Slide 3:
 - Update MSN2 title
 - Drop repertoire supported
 - Drop IPP/2.0 and PWG Raster Format
 - d. Add slide asking for editors
 - IPP Scan, IPP Multifunction, etc.
 - e. Slide 4:
 - Move scan and faxout under new IPP Multifunction bullet
 - f. Slide 8: Apple testing of shipping printers, add content
 - g. Slide 12: prototype draft, fix link
 - h. Slide 13: Fix title, prototype draft
 - i. Slide 14:
 - Update IPP/2.0 interop - August or October 2012
 - Virtual interop for IPP EVE, starting in Q4
 - Initial drafts of System Control, Multifunction, Transform, FaxIn, etc. starting in Q4 2012, check with charter
5. Review of Cloud Printing Model and Requirements
 - a. <ftp://ftp.pwg.org/pub/pwg/cloud/wd/wd-cloudmodel10-20120412-rev.pdf>
 - b. Section 2.1: Copy text from PWG Raster Format or any current IPP spec so that the RFC 2119 title is spelled out but we still have an [RFC2119] reference
 - c. Section 2.2:
 - Section title: "Printing Terminology"

- Line 203: "Cloud Print Service; The service running under the control of a Cloud Print Provider associated with a single Cloud Print Manager or one or more Cloud Print Services."
 - Extra line break between lines 203 and 204
 - Line 206: Move fan-out sentence to end of definition of Cloud Print Provider
 - Line 208: Cloud Print Manager: The software component that implements
 - "Entangled/Entanglement" - maybe use as a term for association of Cloud Print Service and Cloud Print Manager?
 - d. ftp://ftp.pwg.org/pub/pwg/cloud/white/Cloud_print_model_4_16_2012.docx
 - Not addressing #2 (there will always be some amount of cloud awareness/communications, Cloud Print Manager could be really thin)
 - Repost diagrams omitting #2, add a note for #3 and #4 that the Cloud Print Manager could be really thin, just a gateway to the cloud print service
6. Continue review of IPP Everywhere at section 4.2.3
- a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeve10-20120408-rev.pdf>
 - b. Table 2: Fix section references
 - c. Remove extra "air" and "pdl" (4.2.3.1/2)
 - d. Section 4.5: OASIS (not OASYS)
 - e. Section 5.1, line 846: "MUST support the following additional HTTP headers..."
 - f. Sections 5.1.x: Add [RFC2616] after section numbers
 - g. Table 4: "IPP Everywhere Required Operations"
 - h. Table N: "IPP Everywhere Required xyz"
 - i. Table 5:
 - Update PWG Raster PWG 5102.4
 - Note 4: Paid Imaging Services
 - j. Add 5.3.x: for feed-orientation and media-source-properties for Client conformance
 - k. Section 5.3.1 printer-device-id: Line 924: "key/value pairs can be prioritized" (instead of may)
 - l. Section 5.6.1 job-id, 5.6.2 job-uri:
 - Add reference to section in RFC 2911 on job-id, maybe 3196? Look for RFCs referencing job-id, Job Monitoring MIB
 - "since last power cycle" instead of "was last powered up"
 - 3510 recommends job-uri derives from job-id, add recommendation
 - m. Section 7.1 ipp-extensions-supported
 - Should be ipp-features-supported
 - n. Add Section 8.3 Conditional Conformance Requirements for Clients
 - long-edge-feed stuff
 - o. Section 11.1: Fix ipp-extensions-supported -> ipp-features-supported
 - p. Section 12:
 - Title: "Safe String Truncation"
 - "Strings can be truncated or omitted when transferred over alternate protocols."
 - q. Section 12.2 URIs:
 - Add query string example
 - Add RFC reference (3986?) that requires port to be omitted when it has the default value
 - r. Section 13.3 MIME Media Types:
 - "it MUST be discarded."
 - s. Section 12.5:
 - Line 1152: and second truncated, also include plain text strings
 - Line 1155: Shortened instead of shorted
 - t. Publish update as prototype draft

Next Steps / Open Actions

- Next face-to-face meeting April 27, 2012 at 9am Pacific Time
- Next conference call May 21st, 2012 at 3pm Eastern Time
- Action: Continue work on Cloud Printing Requirements and Model (ONGOING)
- Action: All members to work with Larry to fill out Cloud Printing spreadsheet (ONGOING - updating with content from Epson and PrinterOn)
- Action: 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)
 - Mike to prepare new draft of PPD Mapping whitepaper (ONGOING - pending table updates)

- Action: Mike to post prototype statement for IPP JPS3 (DONE)
- Action: Mike to provide IPP slide on supply types and their printer-state-reasons (PENDING)
- Action: Ira to reduce RFC 4559 reference in LDAP schema to informative (DONE)
- Action: Mike to check document template - "initial" instead of "preliminary" for status (DONE)
- Action: Ron or Bill to post a call for wider participation of driver developers for the XPS/MSPS stuff (ONGOING - who do contact?)