

Cloud Imaging Model WG Minutes

January 7, 2013

Meeting was called to order at approximately 3:00pm ET January 7, 2013.

Attendees

Daniel Manchala (Xerox)
Tim McCann (Konica Minolta)
Ron Nevo (Samsung)
Glen Petrie (Epson)
Michael Sweet (Apple)
Larry Upthegrove (End-User)
Bill 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/cloud/minutes/cloud-f2f-minutes-20121205.pdf>
 - b. Approved as posted
3. Review Cloud Model
 - a. <ftp://ftp.pwg.org/pub/pwg/cloud/white/wd-cloudmodel10-20130107.pdf>
 - b. Some changes from December 2012 F2F are still pending
 - Introduction from Mike
 - Alphabetized terms
 - other things (review minutes)
 - c. Section 4: Needs some cleanup, generally OK
 - d. Figure 2:
 - Replace single PrintJob operation with two operations: CreatePrintJob + SendPrintDocument
 - GetJobElements -> GetPrintJobElements
 - Add note that responses are omitted for clarity/simplicity
 - Add "(optional)" after FetchPrintDocument and AcknowledgePrintDocument
 - Update title to match "print attached document data" use case title
 - e. Section 4.2.1: Update title to match corresponding use case (print attached document data or something like that)
 - f. Figure 3:
 - Replace single PrintJob operation with two operations: CreatePrintJob + SendPrintDocument
 - GetJobElements -> GetPrintJobElements
 - Add GetPrintServiceElements for printer status updates
 - Add UpdatePrintJobState and UpdatePrintServiceState
 - CancelPrintJob operation to cancel job
 - Make it specific to a printer error ("Out of Paper"), something that the user has control over the disposition (most job exceptions cause an automatic retry or abort of the job)
 - Show when the exception occurs (between interim status and performs cancel)
 - "Printer runs out of paper"
 - UpdatePrintDocumentState operation
 - UpdatePrintJobState operation
 - UpdatePrintServiceState operation
 - "Retrieves cancel order" is GetPrintJobElements or GetNotifications (probably use GetPrintJobElements to keep it simple - just polling, do a separate figure for asynchronous notification model)
 - Update title to reflect which exception is shown

- g. Section 4.2.2: Update title to reflect which exception is shown
- h. Q: Does the cloud print service have administrative control over the Cloud Print Manager?
 - A: No, CPM can be associated with multiple CPS's, CPS only has control over its jobs
 - For cancel job and other job control things, document that polling or notification needs to be done quickly/frequently to avoid latency issues (e.g. 40 extra pages printed after cancel...)
- i. Make sure we have an exception use case matching section 4.2.2, and reference it.
- j. Q: How does a user retrieve logs from the Cloud Print Service/Cloud Print Manager?
 - A: Client retrieves from Cloud Print Service, Cloud Print Manager provides updates to Job Object data that is maintained by Cloud Print Service
 - Access control is the same as with the Print Service - ordinary users can query their own jobs but may not have access to other users' jobs depending on site policy. Administrative users have access to all jobs, etc.

Next Steps / Open Actions

- Next Cloud conference call is January 21, 2013 at 3pm ET
- All members to look at section 3 of cloud print requirements and model
- Action: Mike to provide updated text for Cloud Model introduction (PENDING)
- Action: Ira to update milestones in IPP WG charter (PENDING)
- Action: Joe to update definition of visible/visibility to cover AAA (PENDING - definition proposed but subject to rework)