Cloud Imaging Model WG Minutes
October 22, 2013

Meeting was called to order at approximately 2:30pm PT October 22, 2013.

Attendees

Russell Brudnicki (Hyocera Document Solutions)
Gale Giansiracusa (Kyocera Document Solutions)
G. Gupta (Oki Data)
Dr. Ashlee Holbrook (Lexmark)
Smith Kennedy (HP)
Jeremy Leber (Lexmark - call in)
Daniel Manchala (Xerox - call in)
Tim McCann (Konica Minolta)
Ira McDonald (High North - call in)
Joe Murdock (Sharp)
Ron Nevo (Samsung - call in)
Roarke Randall (Toshiba)
Norbert Schade (Conexant Systems Inc.)
Tak Shiozacki (Epson)
Brian Smithson (Ricoh)
Jon Super (Conexant Systems Inc.)
Mike Sweet (Apple)
Paul Tykodi (TCS - call in)
William Wagner (TIC)
Rick Yardumian (Canon)
Pete Zehler (Xerox - call in)

Agenda Items

1. IP Policy and Minute Taker
   a. Policy accepted with Mike taking the minutes
2. Review of Cloud Imaging Requirements and Model
   a. ftp://ftp.pwg.org/pub/pwg/cloud/wd/wd-cloudimagingmodel10-20121012a.pdf
   b. 4.1.2.2: Add Deregister operation to remove any association with the Cloud Imaging System
   c. 4.2.1:
      - Identify duration- not in IPP, do we need it? No, remove duration
         - Nice to have a way to cancel
      - Add a note that the duration is implementation-defined, recommend non-indefinite
      - Add printer-state-reason keyword, "identifying-printer" or something like that

d. Global: SystemUudi -> SystemUuid
e. 4.2.2.1: Rename to GetSystemNotifications
   - Pending-Job -> JobFetchable
   - Check-Job -> JobStateChanged, one or more elements containing a job UUID, etc.
f. 4.2.2.7: Still working on a new name
   - Push, Upload, etc.
g. Does registration cause creation of services?
   - Not directly - could be provisioned but not instantiated
   - Talk about this in the general section - Cloud Administrator creates Cloud Imaging System, might create or provision services, Cloud Imaging Proxy registration may instantiate services and return which services are to be used for each proxy.
h. Figure 5:
   - Last update should be UpdateServiceElements
   - Add gap for between CheckCloud and response, add a second CheckCloud immediately after response
   - CheckCloud -> GetSystemNotifications
   - Add red line for firewall
i. GetSystemNotifications - client can ask for long-running or immediate return, we can do TCP/IP keep alive, define a keep-alive event, etc.
j. Figure 6:
   - Add squiggle between breaks in lines, or text explaining, or something
k. Figure 7:
   - Add note that UpdateDocumentState may precede AcknowledgeDocument
   - FetchJob -> "Job OBJECT is fetched w/o document data"
   - Add Get*Elements request/response in middle client gap
l. In descriptions of operations
   - FetchJob is the corollary of CreateJob
   - FetchDocument is the corollary of SendDocument/SendUri/ AddDocumentImages
m. 4.3.4: Add a note that the client specifies the destination URI(s), when completed the scanned image(s) will be delivered to the destination(s)
n. Figure 8:
   - Add Get*Elements request/response in middle client gap
   - Swap UpdateDocumentState and PutJobDocumentData
   - Add text before client gets completed that the cloud scan service delivers document images to destinations
o. Global: Rename PutJobDocumentData to PutDocumentImages
p. Figure 9:
   - UpdateSystemState -> UpdateSystemElements
   - Add UpdateServiceState after UpdateSystemElements
   - Drop initial job stuff and state that a job is fetched and processing
q. 4.3.5:
   - Add to description which exceptions follow the same sequence

- Talk about early termination of FetchDocument/
  PutDocumentImages if the job is canceled/aborted
  r. Asynchronous notification
  - Not currently in SM
  - Define in-band Get[System]Notifications operation
  - Document that out-of-band mechanisms can also be used with the
    elements (i.e. XMPP)

Next Steps / Open Actions

- Next Cloud conference call is November 18, 2013 at 3pm ET
- Action: Ron to find a Samsung editor (PENDING)