

## Oct 2013 F2F Comments on Cloud Imaging Requirements and Model Specification

Extracted from ftp://ftp.pwg.org/pub/pwg/cloud/minutes/cloud-printing-bof-minutes-20100610.pdf

. 4.1.2.2: Add Deregister operation to remove any association with the Cloud Imaging System -OK

c. 4.2.1: Identify duration- not in IPP, do we need it? No, remove duration - OK

Nice to have a way to cancel -

Add a note that the duration is implementation-defined, recommend non-indefinite

This operation is not Cloud specific. Update gives lpp compatible summary, but we need to see what SM wants to do with it,

Add printer-state-reason keyword, "identifying-printer" or something like that - In IPP?

d. Global: SystemUudi -> SystemUuid -OK

e. 4.2.2.1: Rename to GetSystemNotifications -OK

Pending-Job -> JobFetchable- OK

-Check-Job -> JobStateChanged, one or more elements containing a job UUID, etc. -OK

Identify Device changes to DeviceIdentifyRequest to differentiate from Client command. Additional conditions added.

f. 4.2.2.7: Still working on a new name

Push, Upload, etc. - Try UploadJobDocumentData

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. Done -see 4.2.1

h. Figure 5:

Last update should be UpdateServiceElements OK

Add gap for between CheckCloud and response,OK

add a second CheckCloud immediately after response (?) no, I think GetSystemNotifications is driven by timer in Proxy, not be response from Imaging Service.

CheckCloud -> GetSystemNotifications OK

Add red line for firewall OK but just here

i. GetSystemNotifications - client can ask for long-running or immediate

return, we can do TCP/IP keep alive, define a keep-alive event, etc. Yes, but Unclear what is wanted in model

j. Figure 6:

Add squiggle between breaks in lines, or text explaining, or something OK

k. Figure 7:

Add note that UpdateDocumentState may precede

AcknowledgeDocument OK

FetchJob -> "Job OBJECT is fetched w/o document data" yes but ??

Add Get\*Elements request/response in middle client gap

l. In descriptions of operations

FetchJob is the corollary of CreateJob OK

FetchDocument is the corollary of SendDocument/SendUri/  
AddDocumentImages OK

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)OK

n. Figure 8:

Add Get\*Elements request/response in middle client gap OK

Swap UpdateDocumentState and PutJobDocumentData OK

Add text before client gets completed that the cloud scan service OK  
delivers document images to destinations

o. Global: Rename PutJobDocumentData to PutDocumentImages ##

p. Figure 9:

UpdateSystemState -> UpdateSystemElements OK

Add UpdateServiceState after UpdateSystemElements OK

Drop initial job stuff and state that a job is fetched and processing OK

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 OK

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) OK