Proposed Resolution of comments on the Cloud Imaging Model Spec  
from 30 September 2013 conference call.

Comments listed in normal face; response in italics.

Section 4.1.2:

First paragraph: “prerequisite” instead of “premise” - *done*

Item 1c: reword to be consistent with 1a and 1b- *done*

Lines 615-618: Talk a little bit about a trusted relationship being a prerequisite between Client/Proxy and the Cloud Imaging System. Not too specific, but highlight the security requirements - *reworded - what requirements beyond authentication and authorization meant to be highlighted?*

Think about functional requirements for this, too. *\_?*

d. Item 2:

MakeAndModel (capital A) - *OK*

DeviceUuid instead of DeviceId -*OK*

Maybe other elements from System Control Service in SM? - *?*

Item 4:

What about Set Service Elements (for read-write elements) for device capabilities/configuration/defaults? Update Service Elements does read-only (status) elements. - *Understood, that Proxy must communiucate both status and description elements, but operation is Update Elements, not Update Status. Intent is to inform Cloud of any value change, not just status but in any element communicated to the Cloud.- In SM Model Set Service Elements is an administrative operation used to configure a service and is distinctly different from Proxy originated operation.*

What about notifications? Need to define notifications, or at least have a Get-Notifications equivalent - - *Operation called KeepAlive serves this function and will be renamed - Get Notifications conflicts with IPP Client operation.*

Is there a concept of a lifetime for a registration? Might add that registrations may not be indefinite -- *Absence of KeepAlive (or new name) for some period for some period will signal Device Services off-line'.Absence for longer period will suspend registration*

Do we need a separate Renew Registration operation? Maybe not, just have Register Device act as renew if already registered? - *Agreed*

e. Section 4.1.2.2:

Add note that devices may be de-registered automatically after some period of time. *- Yes, will also indicate implicit off-line*.

f. Figure 3:

Instead of Reverse, call it “Proxy IS Interface”? - *OK*

g. Figure 4:

Missing: Add another Cloud Imaging Service X with 2 Output Device/Proxy bubbles attached - *OK, Added*

*NOTE: reordered 4.2 and 4.3 so that operations definitions precede sequence diagrams*

h. Figure 5:

Add Set Service Elements for each service - *No, see comment to Section 4.1.2.1:=, Item 4 above.*

i. Register System instead of Register System Elements? - *OK, but understand that it includes both Description and Status Elements*

j. Deregister System instead of Deregister System Elements? - *OK*

k. Section 4.2.2:

Line 711: “looses” should be “loses” - *OK*

Do we need a DeviceKeepAlive operation? Maybe call it GetNotifications (for keep-alive?) - *Understand desire for name change, but not wild about GetNotifications - GetNotifications conflicts with IPP Client operation. How about CheckCloud?*

Title: “Communication Resynchronization” - *OK*

l. Figure 6:

Add Set Service Elements for each service - *See Above*

DeviceKeepAlive -> GetNotifications - *OK, CheckCloud?*

m. Figure 7:

DeviceKeepAlive -> GetNotifications  *See above*

Also show GetNotifications from Client side (to get job/printer status updates) - *GetNotifications not SM operation. Note does show that "Client may query Service, Job status and document status with GetServiceElements, GetJobElements and GetDocumentElements*."

n. Section 4.2.9:

How is it different than SM Transform Service? Do we need to call it out specially here? Transforms may be done automatically on behalf of the Proxy by the Cloud Imaging Service. Drop this paragraph, but talk about it in section 4 (Cloud Imaging System may provide transform services but they use the standard interface, nothing new here) - *--Section 3? OK*

o. Table 1:

AddHardcopyDocument -> AddDocumentImages with InputElements (per August 2013 SM F2F) - *OK*

GetJob History, Validate Job Ticket, etc. -> remove excess spaces - *OK*

*Bill Wagner - 12 Oct 2013*