

Internet Printing Protocol WG Conference Call Minutes

July 11, 2011

Meeting was called to order at approximately 1:00pm (EDT) July 11, 2011.

Attendees

Nancy Chen (Oki Data)
Justin Hutchings (Microsoft)
Tim McCann (Konica Minolta)
Ira McDonald (High North/Samsung)
Glen Petrie (Epson)
Amir Shahindoust (Toshiba)
Jim Sommer (Monotype Imaging)
Michael Sweet (Apple)
Jerry Thrasher (Lexmark)
Paul Tykodi (TCS)
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. Approve IPP minutes from last conference call:
 - a. <ftp://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20110613.pdf>
 - b. Approved as posted
3. Status of PWG Raster (Mike)
 - a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp raster10-20110327-rev.pdf>
 - b. Mike working to complete updates to document and will post prior to F2F
4. Status of IANA IPP Registry updates (Ira/Mike)
 - a. 10 PWG specs through IPP/2.0 SE submitted in 2009
 - b. Michelle Cotton (IANA) working on updates as of 24 June 2011
 - Several message threads going since then showing they are working on it
 - Hope to have something by August
 - Still need to add IPP/2.0 SE and JPS2 changes
 - c. Specs with missing IANA Considerations sections
 - PWG 5101.1 - Media Standardized Names
 - need to add photo sizes and possibly other updates (media colors and other stuff from ISO DPA)
 - Need IANA considerations added
 - PWG 5101.2 - RepertoireSupported Element
 - Appendix B defines IPP repertoire-supported attribute and ABNF
5. Status of IETF LDAP Printer Schema v2 (Ira)
 - a. Update to RFC 3712
 - b. Need to determine exactly which attributes to add
 - c. Document in appendix of JPS3 or IPP Everywhere?
 - d. Email w/ Pat Fleming (IBM) - co-editor of RFC 3712
 - IBM will assign IBM OIDs to our new LDAP attributes
 - Pat Fleming will be co-editor of updated spec
 - e. Expect to have stable document based on IPP Everywhere/JPS3, then about a year

- to get published through IETF
6. Status of IPP Everywhere (Mike)
 - a. Finishing up changes based on feedback for next F2F
 - b. Include reference to 2911's generic directory attributes - updating that list/table
 - Include attributes from JPS2 and JPS3 as needed
 7. Status of IPP Job and Printer Set 3 (Mike)
 - a. Finishing up changes based on feedback for next F2F
 - b. Include reference to 2911's generic directory attributes - update that list/table with JPS3 as needed
 - c. Try out wording for definitions of attributes - "suitable to advertisement in directory service" or something like that.
 8. Review common scenarios/use cases (Mike)
 - a. Still working on updates to the document, hope to have ready for next telecon
 - b. Last Cloud Concall minutes:
 - <ftp://ftp.pwg.org/pub/pwg/cloud/minutes/cloud-concall-minutes-20110620.pdf>
 - c. Live review of current work-in-progress
 - Select Device:
 - Second paragraph: make "note: For all of the following use cases, ..."
 - "asks the User for" instead of "requests"
 - Remove all "or cancels selection" and add a separate exception use case for canceling device selection
 - Add forward reference in second intro paragraph to cancel select exception use case
 - "Finally, ... then" - the "then" is redundant
 - Service URI - endpoint or host/printer?
 - Currently endpoint for a service
 - System control service can provide one-stop-shopping
 - Separate into two use cases, select using host URI and select using service URI
 - Hopefully directory services get used more often since that is often easier than manual entry
 - Directory service: obtains a list of Device on behalf of the User
 - Directory service: Validates the supported service protocols: reword - we mean filtering out printers that don't support a protocol in common with the client.
 - Directory service: "displays" instead of "presents"
 - Add "address book" use case from last cloud concall
 - Also talk about user vs. network directories
 - Selection using criteria use case:
 - "Filter" instead of "Criteria"?
 - Call out that this combines with other selection mechanisms
 - Operator category:
 - Add resubmit/reprocess job use case
 - Query intermediate service for jobs (pull print/cloud case)
 9. Review "User scans document to public cloud" use case
 - a. Posted by Larry to cloud mailing list
 - b. Sounds like a document repository service, but we don't have one!
 - Post as question to MFD group: do we want to define a document repository service?
 - c. More like "cloud publishing" - cloud is destination, but operation is not initiated from the cloud
 - d. Output format, filename, destination
 - Defaults and supported values exist in current definitions

- What about defaults/supported values defined by cloud/destination?
 - e. Split into separate use cases (in addition to the general scan case)
 - Cloud
 - Non-cloud
 - Follow-me scan/presets
 - f. Security considerations
 - DRM/copyright/etc. (out of scope?)
 - Digital signatures can cover identifying ownership/etc. of scan
 - Don't include anything
 - Regulatory restrictions on content: money, etc.
 - Out of scope, no protocol additions, no use cases, etc.
 - Don't include anything.
 - Existing + vendor keywords saying that job can't be completed, job state is aborted
10. Next steps:
- a. Talk about Bill's "low hanging fruit" proposal
 - b. Continue talking about posted use cases

Next Steps / Open Actions

- Next Cloud Imaging WG conference call July 18, 2011 at 1:00pm (EST) - 2 HOURS
- Next IPP WG conference call July 25, 2011 at 1:00pm (EDT) - 2 HOURS
- Action: Mike to post draft slides for IPP session prior to next IPP concall
- Action: Mike to post updates to common use cases, IPP Everywhere, JPS3, and PWG Raster by F2F
- Action: Glen to supply list of page header fields to Mike (DONE)
- Action: Mike to post update to common use case document before next concall (DONE)
- Action: Paul and Ira to solicit DLNA assistance for UPNP discovery (ONGOING)
- Action: Mike and Paul to reach out to label/portable printer vendors to join IPP WG discussions (ONGOING - both to send summary to ipp list and details to SC list)