Internet Printing Protocol WG Conference Call Minutes  
February 27, 2012

Meeting was called to order at approximately 1:00pm Eastern time February 27, 2012.

Attendees

Nancy Chen (Oki Data)  
Justin Hutchings (Microsoft)  
Tim McCann (Konica Minolta)  
Ira McDonald (High North/Samsung)  
Michael Sweet (Apple)  
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. Review previous minutes:
   b. Action: Ira and Justin to provide WS-Discovery registration section for IPP Everywhere
   c. Move charter update to Ira/Mike, add IPPSIX
   d. MSPS action item closed and moved to Cloud Imaging
   e. Remove timeframe for LDAP update
   f. Close out JDF and JTAPI - any stragglers can be caught during last call
   g. Approved as posted

3. Status of 'ipptool' and IPP/2.0 Interop
   a. February Windows and Linux binaries are stable - issues, questions?
   b. Investigating a possible issue in the tool with a particular printer
   c. Investigating a possible issue on a 64-bit Linux cloud server (Larry will try using the x86_64 version of the tool)
   d. Mike will be testing against several vendors' printers at Apple to provide at April 2012 F2F
   e. Issue: How to discover endpoint (path) for printer URI?
      - Many printers do not respond to "/"
      - Do we want an updated IPP implementation guide? Errata for RFC?
      - Recommendation to support "/" and respond to Get-Printer-Attributes requests with the correct Print or System Control service URIs?
      - Talk about this at April 2012 F2F

4. Status of IPP Everywhere specs
   a. Planning for late March WG last calls and April PWG last calls
   b. Just do WG Last Calls for RFCs

5. Moving IPP meetings to 3:00pm ET?
   a. 3:00pm ET is 12:00pm PT (lunch) - issue for west coasters’?
   b. Try to keep meetings to 1 hour
   c. For longer meetings make necessary arrangements (breaks, mute while chewing, etc.)
   d. Start at 2:30pm? No objections
e. Tentatively reschedule for 2:30-4:30pm time slot.

Next Steps / Open Actions

- Next IPP conference calls March 12 and March 26, 2012 at 2:30pm ET (NEW TIME)
- Post updated IPP over HTTPS Transport Binding and "ipps" URI Scheme draft and request IESG Last Call
- Post updated JPS3 (prototype) draft
- Post updated IPP Everywhere (prototype) draft
- Post updated MSN2 (interim) draft
- Action: Ira and Justin to provide WS-Discovery registration section for IPP Everywhere
- Action: Glen to research dark gray and light silver issues identified in draft of MSN2 (OPEN)
- Action: Randy to supply updated wording for section 4.2.2 on DNS LOC records (OPEN - Mike will ask for status)
- Action: Justin to provide some WS-Discovery text/table updates for IPP Everywhere 1.0 (DONE)
- Action: Mike to update media name ABNF and provide regular expressions for validation in SM Schema (ONGOING)
- Action: Mike/Ira to update charter: Media Names, IPP Everywhere, IPP Multifunction, IPP Shared Infrastructure Extensions (IPPSIX) (ONGOING)
- Action: Ira to post updated LDAP Schema RFC (ONGOING)
- Action: Mike to post PWG Raster for PWG Last Call (DONE)
- Action: Mike to add "media-size-name" member attribute to "media-col" in JPS3 (DONE)
- Action: Pete to generate XML spy picture for Figure 4 PwgRasterDocument elements (DONE)
- Action: Mike to adopt CONDITIONALLY REQUIRED in JPS3, PWG Raster, and IPP Everywhere 1.0 (DONE)
- Action: Mike to add job-error-action Job Template attribute to JPS3 (DONE)
- Action: Mike to fix operations table for additional semantics in IANA IPP registry (ONGOING)
- Action: Mike to add Validate-Document operation to JPS3 based on Validate-Job (no document content but optional URI) (DONE)
- Action: Mike to make HTTP If-Modified-Since header support REQUIRED in IPP Everywhere (DONE)
- Action: Mike to update ABNF references to [STD68] in all drafts (DONE)
- Action: Ira and Mike to review 5100.x specs to remove action items, fix boilerplate copyright text in early specs, fix header/footer/document titles as needed, and fix normative references to drafts, etc. (ONGOING)
- Action: Mike to send Ira the new IANA IPP registry XML and a diff (ONGOING - next week)
- Action: Mike to add printer-charge-info to table in IPP Everywhere 1.0, add conformance requirements for LDAP, note LDAP/SLP limitations on string lengths (127 or 255 octets) (DONE)
- Action: Mike to add note for DNS-SD TXT record limits (DONE)
- Action: Mike to add printer-device-id discussion to require required key/value pairs first to avoid issues with truncation by directory services (DONE)
- Action: Ira to check matching rule OIDs on lines 1766-1772 of the LDAP schema RFC (ONGOING)
- Action: Ira and Mike to work with IANA to update registry to include a "set allowed" column for attributes (ONGOING)
- Action: Ira and Glen to send additions from JDF and JTAPI to Mike (DONE)
- 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)