

# Internet Printing Protocol WG Conference Call Minutes

## May 14, 2012

Meeting was called to order at approximately 3:00pm ET May 14, 2012.

### Attendees

Justin Hutchings (Microsoft)  
Tim McCann (Konica Minolta)  
Ira McDonald (High North/Samsung)  
Ron Nevo (Samsung)  
Michael Sweet (Apple)  
Paul Tykodi (TCS)  
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:
  - a. <ftp://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20120425.pdf>
  - b. Update "next meeting" and re-post
  - c. Approved as posted otherwise
3. Status of IPP JPS3 PWG Last Call (ends 18 May)
  - a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobprinterext3v10-20120420.pdf>
  - b. No responses
  - c. Action: Mike to post JPS3 last call reminder to pwg-announce and send personal reminders
4. Status of IPP Everywhere specs
  - a. job-name and allowed characters:
    - Proposal to ipp mailing list
    - Amend definition of name - no control characters (C0 or DEL), reference RFC 5198
    - Amend definition of text - CR, LF, and HT control characters (no other C0 or DEL), reference RFC 5198
    - Implementation note for MIB mapping MUST transcode and filter any strings to meet requirements of IPP name or text
    - Add normative reference to RFC 5198
  - b. prtChannellInformation in 3805 is using CR alone as terminator (key=value CR)
    - Action: Ira to submit technical errata to RFC 3805 to replace CR with CR + LF to be consistent with 5198 and others
  - c. Link local addresses:
    - Proposal to ipp mailing list
    - Add rationale for not allowing link-local addresses in URIs
    - Printers MUST NOT generate URI values with link-local addresses
    - Printers SHOULD NOT generate URI values with addresses obtained via DHCP or other auto-configuration protocols; include reference to RFC 3510
    - Printers SHOULD advertise printer-uri-supported values to cover all of their configured FQDNs.
    - Printers SHOULD use the HTTP Host: value in generated URIs
      - Add as subsection to HTTP requirements

- Add references in subsections for the various job, printer, and subscription/notification description attributes
  - Add security considerations for DNS rebinding attacks and mDNS draft
  - Include discussion of multiple domains vs. multiple addresses, references to current recommendations (RFCs 3484 and 5221) - see Randy's comments
  - mDNS spec is approved and waiting on references
  - d. Will publish one more prototype draft of IPP Everywhere
  - e. PWG Raster MIME Media Type registration is in the expert's queue
5. Review of IPP over HTTPS Transport Binding and 'ipps' URI Scheme
- a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/draft-mcdonald-ipps-uri-scheme-05-20120514.pdf>
  - b. Line 861: Fix title of PWG5100.EW to "PWG IPP Everywhere".
  - c. Action: Ira to contact IETF ADs to get IPPS URI schema RFC pushed through

## Next Steps / Open Actions

- Next meeting is the June F2F, June 6th at 1pm ET
- Action: Mike to post JPS3 last call reminder to pwg-announce and send personal reminders
- Action: Mike to prepare slides for June F2F and post to IPP list for email review
- Action: Ira to submit technical errata to RFC 3805 to replace CR with CR + LF to be consistent with 5198 and others
- Action: Ira to contact IETF ADs to get IPPS URI schema RFC pushed through
- Action: Mike to change document template to use static date in header (ONGOING)
- Action: Mike to add redirect page at WS-Discovery namespace location (DONE)
- Action: Mike to post stable draft of IPP Everywhere and issue 2-week WG Last Call (PENDING - prototype draft instead)
- Action: Mike to post prototype draft of MSN2 (PENDING)
- Action: Ira to check syntax for multi-valued strings and length limits in LDAP Printer schema (ONGOING)
- Action: Ira to send registry updates to Mike for some bad references to 5100.5 - should be 5100.3 (ONGOING)
- Action: Ira to check matching rule OIDs on lines 1766-1772 and post updated LDAP Schema RFC (ONGOING - part of next update to draft)
- 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: Ira and Mike to work with IANA to update registry to include a "set allowed" column for attributes and improve the plain text formatting (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)