

# IPP WG Conference Call Minutes

## November 1, 2010

Meeting was called to order at approximately 4:00 pm (EST) November 1, 2010.

### Attendees

Nancy Chen (Oki Data)  
Gail Giansiracusa (Kyocera Mita)  
Tom Hastings (retired Xerox)  
George Liu (Ricoh)  
Makoto "Mac" Matsuda (Brother)  
Ira McDonald (High North/Samsung)  
Steve Macmanus (Konica Minolta)  
Andrew Mitchell (HP)  
Glen Petrie (Epson)  
Michael Sweet (Apple)  
Paul Tykodi (TCS)  
Rick Yardumian (Canon)  
Marc Yousey (HP)  
Gary Zimmerman (Marvel Semiconductor)

### Agenda Items

1. IP Policy and Minute Taker
  - a. Policy accepted with Mike taking the minutes
2. Approve IPP minutes from last meeting
  - a. <ftp://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20101019.pdf>
3. Discussion of IPP Everywhere (Mike/Ira)
  - a. <http://pwg-wiki.wikispaces.com/IPP+Everywhere>
  - b. <ftp://ftp.pwg.org/pub/pwg/ipp/slides/ipp-cloud-new-operations-20101022.pdf>
  - c. (revised and extended based on PWG F2F feedback)
  - d. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/draft-mcdonald-ipp-uri-scheme-00-20101012.txt>
  - e. (comments received from Bjoern Hoermann (W3C))
  - f. Q: Is IPP Everywhere == IPP/2.0 SE? A: No, superset of 2.0 for mobile/driverless printing.
  - g. Q: mDNS only, or more??? A: Discussion about Bonjour and how it works.
  - h. Action: Mike to post link to current Bonjour specification on IPP Everywhere wiki.
  - i. Action: Mike to compare Bonjour, SLP, and LDAP registration information WRT capabilities.
  - j. Brief discussion of cloud operations
    - Not constant polling, but long-running "get" request like Get-Notifications for ippget.
    - Registration operations: no account information needed for associating Client with Printer in service/cloud? Still in flux.
    - Might be that Cloud Print Service is an IPP service that a Client uses, with private to-the-printer protocols.
    - Registration operations also need to register capabilities for Printers.
    - Do not need capabilities from client since client is responsible for presentation of information from cloud/printer
  - k. Wi-Fi Direct: Works like standard direct Wi-Fi print case, no intermediate service
  - l. Some discussion of constraints handling based on a request from OpenPrinting
    - Don't like Validate-Job round-trips
    - Need to know detailed constraints - foo=1 conflicts with bar=1
  - m. Action: Mike to add constraints proposal to wiki based on CUPS UI constraints.
  - n. Action: Test Validate-Job in bake-off to return the same stuff as Create-Job, Print-Job, and Print-URI for constrained/unsupported attributes
5. Status of PWG Last Call on IPP Version 2.0 Second Edition (Ira)
  - a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp20-20100926.pdf>
  - b. Exceeded quorum, several editorial comments
  - c. Mike and Ira will review comments for discussion at next telecon.
6. Status of PWG Formal Vote on IPP JPS2 (Tom)
  - a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobprinterext10-20100927.pdf>

- b. Exceeded quorum, all yes, a few editorial comments, passed
- c. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippjobprinterext10-20100927-v35.pdf> contains changes based on feedback
- d. Agreed to add REQUIRED to the descriptions of all operations in Section 5.
- e. Agreed to add OPTIONAL to the descriptions of the conformance requirements for job-save-disposition in Section 12.4 with minor editorial changes.
- f. Agreed to add OPTIONAL to the descriptions of the conformance requirements for proof-print in Section 12.5 with minor editorial changes.
  - *(editorial note: this was later determined to be incorrect; proof-print is REQUIRED)*
- g. Note: double-digit sections don't have space between number and title.
- h. Action: Review vote and editorial changes at Thursday's SC meeting.

### **Next Steps / Open Actions**

- Next conference call November 8, 2010 at 4pm (EST)
- Mike: post survey to ipp group to see about alternate telecon times.
- Mike: post link to current Bonjour specification on IPP Everywhere wiki.
- Mike: compare Bonjour, SLP, and LDAP registration information WRT capabilities.
- Mike: add JPS2 review to SC meeting agenda.
- Mike: add constraints proposal to IPP Everywhere wiki based on CUPS UI constraints.
- All: Test Validate-Job in bake-off to return the same stuff as Create-Job, Print-Job, and Print-URI
- Continue discussion of extensions and formats.