

# Internet Printing Protocol WG Minutes

## August 25, 2014

Meeting was called to order at approximately 3:00pm ET August 25, 2014

### Attendees

Smith Kennedy (HP)  
Daniel Manchala (Xerox)  
Tim McCann (Konica Minolta)  
Ira McDonald (High North)  
Mike Sweet (Apple)  
Bill Wagner (TIC)

### Agenda Items

1. IP Policy and Minute Taker
  - a. Policy accepted with Mike taking the minutes
2. Approve IPP minutes from previous meetings
  - a. <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20140728.pdf>
  - b. Approved as posted
  - c. <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20140812.pdf>
  - d. Approved as posted
3. Status of various IPP documents (Ira/Mike)
  - a. IPP Finishings/2.0 (Mike)
    - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippfinishings20-20140701-rev.pdf>
    - Prototype draft - prototype report on 06/19
    - IPP WG last call (extended to 09/12/14)
    - Schedule - PWG Last Call Q3 2014
  - b. LDAP Printer Schema (Ira)
    - <http://ftp.pwg.org/pub/pwg/ipp/wd/draft-mcdonald-ldap-printer-schema-08-20140703.pdf>
    - Stable draft
    - Updated references including new HTTP/1.1
    - Dialogue on IETF Last Call w/ Barry Leiba (IETF Apps AD)
  - c. IETF IPP over HTTPS Binding and 'ipps' URI Scheme (Ira)
    - <http://ftp.pwg.org/pub/pwg/ipp/wd/draft-mcdonald-ipps-uri-scheme-13-20140703.pdf>
    - Stable draft
    - Updated references including new HTTP/1.1
    - Dialogue on IETF Last Call w/ Barry Leiba (IETF Apps AD)
  - d. IPP Everywhere Printer Self-Certification (Mike)
    - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert10-20140729->

- rev.pdf
  - Prototype draft - waiting for prototype reports
  - Reviewed at PWG F2F in August
  - Beta tools, spec update, and web site Q3/Q4 2014
  - Schedule - PWG Last Call Q4 2014
- e. IPP Shared Infrastructure Extensions (Mike)
  - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsix10-20140226-rev.pdf>
  - Prototype draft - waiting for prototype reports
  - Reviewed at PWG F2F in August
  - Schedule - PWG Last Call Q4 2014
- f. IPP Scan from PWG Last Call (Pete Zehler)
  - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippscan10-20140806.pdf>
  - <http://ftp.pwg.org/pub/pwg/ipp/wd/IPPScanComments.pdf>
  - Stable draft - review technical comments first (Pete will miss call)
  - PWG Last Call (ended 07/21/14)
  - Schedule - PWG Formal Vote Q3 2014
- g. IPP Implementor's Guide v2.0 (Smith)
  - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippig20-20140814-rev.pdf>
  - Prototype draft - waiting for prototype reports
  - Reviewed at PWG F2F in August
  - Schedule - PWG Last Call Q3/Q4 2014
- 4. Status of IANA IPP Registrations (Mike/Ira)
  - a. <http://ftp.pwg.org/pub/pwg/ipp/IANA-IPP-registrations/ipp-registrations-20140822.xml>
  - b. Sent to IANA (08/24/14)
  - c. Included new "output-bin" values (see change log)
- 5. Review of IPP WG Charter (Ira)
  - a. <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp-charter-20140824-rev.pdf>
  - b. Updated per PWG F2F in August (see change log)
  - c. Line 46 (or elsewhere): "for the purpose of advancing IPP/2.0 to Full Standard"
  - d. Line 65: "IPP Everywhere PRINTER Self-Certification Manual"
  - e. Line 66: "Everywhere PRINTER self-certification ..."
  - f. Line 74: Add (IPPINFRA) to title of item h
  - g. Line 78: Insert "errata" for FaxOut update
  - h. Milestones: update IPP FaxOut milestones as an errata update
  - i. Global: Change "to correct known errata" to "to address known errata"
  - j. Discussion: TLS in IPP/2.0 and IPPS URI scheme
    - Just reference TLS/1.2, call out current published version (1.2 at time of publication), etc.
    - Drop all cipher suite text
    - Don't focus on specific TLS versions
  - k. IPP 3.0, 3.1, and 3.2 -> IPP Everywhere 2.0 as an update to IPP Everywhere 1.0 to include multifunction (print, scan, faxout, system control), does not define new protocol versions, features, etc. (profile of existing published IPP specs), update milestones
  - l. Line 152: IETF and PWG SNMP MIBs

- m. Line 158: Drop "via Formal Vote"
- n. Update document titles:
  - IPP Implementor's Guide 2.0 (IG)
  - IPP Shared Infrastructure Extensions (INFRA)
  - IPP Finishings 2.0 (FIN)
  - IPP Everywhere Printer Self-Certification Manual 1.0 (SELF CERT)
  - IPP Everywhere 2.0 (EVE)
- o. Ira to post an updated draft
- 1. Review of IPP Deprecation Process (Mike)
  - a. <http://www.pwg.org/archives/ipp/2014/018163.html>
  - b. For implementation in IANA IPP registry (see Mike's email)
  - c. SHOULD-NOT -> (deprecated)
  - d. MUST-NOT -> (obsolete)
  - e. And clarify the different between deprecated and obsolete
  - f. Q: Do we want to say something about run-time detection?
    - A: Sure, and add a small section to the IPP IG too
    - Deprecated = warning (successful-ok-ignored-or-substituted-attributes)
    - Obsolete = error (client-error-attributes-or-values-not-supported)
  - g. Deprecation/obsolescence by Workgroup Discussion
    - Drop #3?
    - After WG consensus, add PWG Call for Objections or Formal Approval at the discretion of the PWG Steering Committee
  - h. Mike to post redlined update of policy
- 2. Review of IPP System Control Service (Mike/Ira)
  - a. <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippssystem10-20140824-rev.pdf>
  - b. Interim draft w/ complete operations and attributes lists (see change log)
  - c. Did not get to this.

## Next Steps / Open Actions

- Next IPP conference call September 15, 2014 at 3pm ET
- Review updated IPP Scan stable draft and IPP Finishings 2.0 last call comments at next call
- Action: Joe to provide definition of IPP Binding for IPPINFRA (DONE, by Mike and Ira)
- Action: Mike to file errata for RFC 2910 and 2911 for the TLS reference and IPP URI scheme issues (PENDING)
- Action: Ira to update charter to include advancing IPP/2.x (PWG 5100.12) to full standard, updating FaxOut, and other editorial changes as needed (DONE)
- Action: Mike to post PWG Last Call of IPP Finishings 2.0 ending August 22 (DONE)
- Action: Mike to post discussion and register 'collator' and 'job-separator' values for "output-bin" in the IANA IPP registry (DONE)
- Action: Ira to add comments to Printer MIB TC in 5107.3 for fax-modem-protocol-error and xxx-recoverable-storage-error - suffix dropped from IPP keyword with

corresponding suffix (-error, -report, -warning) added depending on the printer state. (PENDING - for update with the 5107.3 errata)

- Action: Mike to submit IANA registration for IPP printer-state-reasons updates for fax-modem-protocol and xxx-recoverable-storage (DONE)
- Action: Ira to submit Printer MIB registration for new xxx-missing PrtAlertCodeTC values in 5107.3 (PENDING - for update with the 5107.3 errata)
- Action: Mike to propose an approach for deprecation of IPP attributes and values in the IANA registry (DONE)