Internet Printing Protocol WG Minutes
April 13, 2015

Meeting was called to order at approximately 3:00pm ET April 13, 2015

Attendees

Smith Kennedy (HP)
Daniel Manchala (Xerox)
Ira McDonald (High North)
Mike Sweet (Apple)
Paul Tykodi (TCS)
William Wagner (TIC)

Agenda Items

1. IP Policy and Minute Taker
   a. Policy accepted with Mike taking the minutes
2. Review previous minutes:
   a. http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20150330.pdf
   c. Approved as posted
3. Status of various IPP documents (Ira/Mike)
   a. IETF LDAP Printer Schema (Ira)
      - http://ftp.pwg.org/pub/pwg/ipp/wd/draft-mcdonald-ldap-printer-schema-10-20150323.pdf
      - Stable draft - updated per Pearl Liang (IANA) on 02/18/15
      - IETF LDAP Designated Expert comments on draft-10 on 03/23/15
      - Reply sent to Pearl Liang on 04/06/15
      - Reply forwarded to Designated Experts by Pearl Liang on 04/07/15
      - RFC Editor Independent Stream - waiting for IANA response
   b. IPP Implementor's Guide v2.0 (IG) (Smith)
      - http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippig20-20150303-rev.pdf
      - Stable draft - prototype report on 12/08/14
      - IPP WG last call ended on 03/20/15
      - PWG Last Call until May
   a. IPP Everywhere Printer Self-Certification (SELFCERT) (Mike)
      - http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert10-20140826-rev.pdf
      - Prototype draft - prototype reports from HP on 8 & 14 January 2015
      - Reviewed by IPP WG on 08/28
      - Beta tools released on 08/28 (OS X/Linux) and 09/02 (Windows)
      - Schedule - PWG Last Call Q1/Q2 2015 - waiting for update by Mike
   b. IPP System Service (Mike/Ira)
      - http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsystem10-20150315-

      rev.pdf
     - Interim draft - need to add operation details
     - Reviewed by IPP WG on 03/30/15
     - Schedule - Prototype draft in Q3/Q4 2015
  5. IPP Shared Infrastructure Extensions (INFRA) (Mike)
    a. http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippinfra10-20150405-rev.pdf
    b. Stable draft - prototype report at PWG F2F in November
    c. PWG Last Call ended on 03/09 - 10 responses - quorum achieved
    d. Schedule - review PWG LC comments - PWG Formal Vote Q2 2015
    e. DM3/DM4: Add F2F slide for new job-impressions-color/black-only attributes (and corresponding Job MIB properties) based on Semantic Model counters
     - Discussion at F2F
     - Just register attributes/properties rather than doing a whole spec
     - Also one-sided/two-sided?
     - Job MIB can be extended via registration with IETF
     - Job MIB provides total impressions, color impressions, highlight color impressions, and duplex impressions
    f. MS41: Check IPP System Service impact of requiring /ipp/resource path prefix for resources
     - Probably no impact for Create-Resource (since we are addressing the system service), but need to talk about it and how HTTP PUT interacts
    g. WW6:
     - What determines how the MUST NOT is enforced?
     - Mike is OK with SHOULD NOT, but others have been more vocal about a strict MUST NOT interpretation
     - Proxy is ultimately the one that controls which Output Device capabilities are exposed.
     - Change to RESOLVED and SHOULD NOT, with a note about why Infrastructure Printers should adhere to late binding principles, and how Proxies can filter capabilities based on administrator preference/configuration (Cloud is faster/better at processing PDF than the output device, etc.)
    h. Mike to post updated draft for F2F.
  6. Discuss HP IPP Job Password Constraints Proposal (Smith)
    a. See email discussions
    b. Reviewed at PWG F2F on 02/04
    f. Deferred until IDS F2F session
  7. Discuss HP IPP Document Encryption Proposal (Smith)
    a. See email discussions
    b. Reviewed at PWG F2F on 02/04
    d. Deferred until IDS F2F session

Next Steps / Open Actions

- Next joint IPP conference call (for slide review) April 20, 2015 at 3pm ET
- Continue discussion of job password constraints in the IDS F2F session
- Continue discussion of document encryption in the IDS F2F session
- Action: Ira to post PWG Last Call of IPP IG to span April 2015 PWG F2F (DONE)
- Action: Smith Kennedy, Ira McDonald, and Joe Murdock to research password policies for job-password attribute (DONE - further discussion at F2F)
- Action: Ira to post an issue on the PWG web site for PWG 5100.11's convoluted definition of 'guaranteed'. (PENDING)
- Action: Mike to send Ira description and examples of Register-System operation (PENDING - include in F2F slides)