Internet Printing Protocol Workgroup Meeting Minutes
January 11, 2017

Meeting was called to order at approximately 1:00pm ET on January 11, 2017.

Attendees

Smith Kennedy (HP)
Ira McDonald (High North)
Mike Sweet (Apple)
Bill Wagner (TIC)
Rick Yardumian (Canon)

Agenda Items

1. IP Policy and Minute Taker
    -   IP policy accepted, Mike taking minutes
2. Review previous minutes:
    -   http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20161214.pdf
    -   Approved as posted
3. Status of various IPP documents (Ira/Mike/Smith)
    -   IETF IPP/1.1 Updates (Mike/Ira)
        -   https://www.rfc-editor.org/authors/rfc8010.txt
        -   https://www.rfc-editor.org/authors/rfc8011.txt
        -   Changes for new IETF Proposed Standards
        -   Alexey Melnikov (IETF ART AD) as AD sponsor on 06/02/16
        -   RFC2910bis & RFC 2911bis - IETF Approved as Proposed Standards!
        -   Working w/ RFC Editor on RFC 8010 and RFC 8011
        -   IETF AD, IANA, and authors have approved both final texts
        -   Schedule - IPP/1.1 RFCs published in Q1 2017
4. Status of IPP Finishings 2.1 (Smith)
    -   http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippfinishings21-20170111-rev.pdf
    -   Stable draft
    -   Reviewed by IPP WG at Virtual F2F on 11/14/16
    -   PWG Last Call ended on 12/12/16 - quorum achieved!
    -   LCRC comments and responses posted on 11 Jan 2017
    -   SK1:
        -   Need to reword: when "job-pages-per-set" is specified, "copies" MUST be 1 or omitted since the purpose of the attribute is to specify that the document data contains copies generated by the Client.
        -   Specifying "job-pages-per-set" implicitly overrides any copies/copies-default value to 1.

- Talk about raster documents - Client generates copies instead of printer.
- SK2: OK
- JR1: OK
- JR2: OK
    - Line 443 of section 4, drop "Loosely stated" from second sentence (Bill Wagner feedback)
- JR3:
    - Change to resolved (in spirit), but with our own change instead of the suggested one
    - Lines 737-740 of section 5.2.1: Change to SMI Enterprise Number prefix (copy wording from RFC 8011)
    - Also add a table of type2 keyword attributes in the IANA attribute registrations with section references for the extension policy/rules OR a reference to RFC 8011 (if it is just "smiNNN-name")
- Once changes are made to the document, ready for PWG Formal Vote ending Feb 17th
- Schedule - PWG Formal Vote in Q1 2017
5. Review of IPP 3D Printing Extensions (Mike)
    - http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp3d10-20170110-rev.pdf
    - http://ftp.pwg.org/pub/pwg/ipp/wd/lcrc-ipp3d10.txt
    - Stable draft
    - Reviewed by IPP WG at Virtual F2F on 11/14/16
    - PWG Last Call ended on 12/12/16 - quorum achieved!
    - LCRC comments and responses posted on 12/13/16
    - MS1: OK
    - MS2: OK
    - MS3: OK
    - SK1: OK
    - SK2: OK
    - SK3: OK
    - SK4: OK
    - SK5: OK
    - SK6: OK
    - SK7: OK
    - SK8: OK
    - SK9: OK
    - SK10: OK
    - SK11: OK
    - SK12: OK
    - SK13: OK
    - SK14: OK
    - SK15:
        - Smith will also see if there is any movement within 3MF to do this registration
        - But we'll keep this for now unless they do it first...
    - SK16: OK

- Document is ready for PWG Formal Vote, to end on Feb 10th
  - Action: Mike to start PWG Formal Vote of IPP 3D
- Schedule - PWG Formal Vote in Q1 2017

6. Review of IPP System Service (Ira/Mike)
- http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsystem10-20170108-rev.pdf
- Interim draft
- printer-resource-ids and job-resource-ids: what to do if there are no resources associated with the printer or job:
  - Make it clear "required to support" but if there are no resources then the attribute is omitted
- Section 6.2.2.2:
  - Change "resource-format" to "resource-format-accepted"?
  - Find/fix in 7.1.x as well
- Section 6.2.6:
  - Weird cross-reference (0) in first sentence.
  - Line 1500: "is not 'pending'" (add single quotes around pending)
- Stopped at section 6.2.7.

Next Steps / Open Actions

- Next IPP WG conference calls January 25 and February 8, 2017 at 1pm ET
- Action: Mike to start PWG Formal Vote of IPP 3D
- Action: Mike to look at document template to fix level 3 headings which are not bold (ONGOING - template was correct, Mike will look at the System Service document instead)
- Action: Mike to send IANA IPP registry updates to Ira (PENDING)
- Action: Mike to add output-bin registration to IANA IPP registry (PENDING)
- Action: Mike to fix registration of job-constraints-supported and job-resolvers-supported to include "resolver-name (name(MAX))" member attribute (PENDING)