

Internet Printing Protocol Workgroup Meeting Minutes August 31, 2015

Meeting was called to order at approximately 3:00pm PT August 31, 2015.

Attendees

Jeremy Leber (Lexmark)
Ira McDonald (High North)
Mike Sweet (Apple)
William Wagner (TIC)
Rick Yardumian (Canon)

Agenda Items

1. IP Policy and Minute Taker
 - IP policy accepted, Mike taking minutes
2. Approve previous minutes:
 - <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20150720.pdf>
 - Approved as posted
 - <http://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-f2f-minutes-20150811.pdf>
 - Approved as posted
 - Discussion of "pdl-override-supported"='guaranteed'
 - Perhaps add a new attribute that lists which Job Template attributes will override embedded PDL instructions
3. Status of various IPP documents (Ira/Mike)
 - PWG IPP/2.0, 2.1, 2.2 Updates (Mike/Ira)
 - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ipp20-20150812.pdf>
 - changes for IEEE Standard
 - Reviewed at PWG F2F on 08/11/15
 - PWG Last Call - started on 08/12/15 - ends on 09/18/15
 - IPP RasterView v1.4.1 (Mike)
 - <http://www.msweet.org/projects.php/rasterview>
 - released on 08/27/15
 - adds support for viewing Device-N files
 - improves display of PWG Raster page attributes
 - IPP Everywhere Printer Self-Certification (SELCERT) (Mike)
 - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert10-20150415-rev.pdf>
 - <http://www.pwg.org/archives/ipp/2015/018553.html>
 - Reviewed by PWG F2F on 04/29/15
 - Schedule - PWG Last Call Q3 2015 - waiting for ISTO feedback
 - Action: Mike to post stable draft and start PWG Last Call of IPP Everywhere Printer Self-Certification Manual

4. Status of IPP Implementor's Guide v2.0 (IG) (Smith)
 - <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippig20-20150708.pdf>
 - <http://ftp.pwg.org/pub/pwg/ipp/wd/lcrc-ippig20-r2.txt>
 - <http://www.pwg.org/archives/ipp/2015/018554.html>
 - PWG Formal Vote started on 07/19/15 - ended on 08/21/15
 - Success - 6 Yes, 2 Abstain, 0 No votes - quorum was 7 votes
 - Action: Smith/Mike/Ira to prepare final Candidate Standard text for IPP IG 2.0
5. Review of IETF IPP/1.1 Updates (Mike/Ira)
 - changes for new IETF Proposed Standard
 - Barry Leiba (IETF ART AD) will be AD sponsor - note on 07/12/15
 - Reviewed by PWG F2F on 08/11/15
 - Schedule - IETF Last Call Q4 2015 / Q1 2016
 - <https://www.ietf.org/internet-drafts/draft-sweet-rfc2910bis-05.txt>
 - Global: Change "Foo OPTIONALLY returns/supplies" to "Foo MAY return/supply"
 - Global: Change OPTIONAL/MAY to RECOMMENDED/SHOULD as needed to match up with IPP IG2.0 and IPP Everywhere
 - <https://www.ietf.org/internet-drafts/draft-sweet-rfc2911bis-04.txt>
 - Global: Change "Foo OPTIONALLY returns/supplies" to "Foo MAY return/supply"
 - Global: Change OPTIONAL/MAY to RECOMMENDED/SHOULD as needed to match up with IPP IG2.0 and IPP Everywhere
 - References: Update IG2 reference
 - Section 4.1.6.2: MUST return the status message in the requested language or any of the supported
 - Section 4.1.6.3: SHOULD for localizing value
 - Page 40: SHOULD support all previous standards-track versions.
 - Page 42: 1. Validating the format of the document data
 - Section 4.2.5: SHOULD NOT return an attribute multiple times even if requested by the Client
 - Global: Unsupported attributes SHOULD be returned (never MAY/OPTIONALLY)
 - Global: Rewrite unsupported requested-attributes text, page 60 and elsewhere
 - Page 61: Rewrite printer-stopped job-state-reason paragraph and the one following it
 - Global: Search for "necessary" and "only need" and "need only"
 - Section 4.2.9: "If supported, the Printer object MUST accept ..."
 - Global: Search and destroy "It is NOT REQUIRED"
 - For Purge-Jobs and Restart-Job: Move Note: about deprecation to second paragraph
 - Section 5.2.11 (and other media attributes): Point to PWG 5101.1 (MSN2)
 - Page 117: Drop "Most implementation won't bother with this nuance"
 - Section 5.3.10: SHOULD localize

- Section 5.3.13: SHOULD set
 - time-at-xxx values < 0: change to SHOULD BE 0 to indicate that the event ... unless the exact number of seconds is known
 - Section 5.4.11: Update to point to 3995: updated continuously if notifications are supported
 - 'shutdown' printer-state-reason on page 140: reword "is no longer shutdown" bit
 - Page 150: Reword "The Client MUST NOT expect ..."
 - Page 152: Reword "MAY omit" and prior paragraph
 - Section 6, page 157: Drop last two sentences
 - Global: Change "IPP object" to "Job" or "Printer" as appropriate
 - Drop type3, change to type2
 - Drop B.1
 - Maybe move other terms up to beginning
6. Review of IPP System Service (Ira/Mike)
- <http://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippsystem10-20150831-rev.pdf>
 - Interim draft - need to add operation and attribute details
 - Reviewed by PWG F2F on 08/11/15
 - Schedule - Prototype draft in Q4 2015
 - Abstract: Reference CLOUD/INFRA
 - Drop 5.2 and 5.7
 - Section 6.9.1:
 - attributes-charset and attributes-natural-language are a MUST per RFC 2911
 - Mention subset of printer attributes (LDAP set)
 - Do we need this operation? Needs further discussion since similar information is already available in the service-configured-printers attribute (is Get-System-Attributes a user operation, or admin/operator only?)
 - Is the system service primarily an operator/admin service?
 - Most operations are
 - Needs some scoping/discussion
 - Resource operations need discussion, too...
 - determine what attributes of the system service object need to be accessed by end users, provide operation(s) for accessing them
 - Stopped at section 6.9.1

Next Steps / Open Actions

- Next conference calls September 21 and October 5, 2015 at 3pm ET
- Continue discussion and scoping of System Service operations and attributes
- Action: Mike to post stable draft and start PWG Last Call of IPP Everywhere Printer Self-Certification Manual
- Action: Smith/Mike/Ira to prepare final Candidate Standard text for IPP IG 2.0
- Action: Mike to post updated stable draft of IPP/2.0 and start PWG Last Call ending September 18 (DONE)

- Action: Mike to submit IANA IPP Registry update with ssl3 deprecation and INFRA additions (DONE)
- Action: Mike to post updated WD template with new CONDITIONALLY REQUIRED definition (DONE)
- Action: Mike to update PWG and IPP Everywhere logos with ® on them (DONE)
- Action: Ira to post an issue on the PWG web site for PWG 5100.11's convoluted definition of 'guaranteed'. (PENDING - perhaps add new attribute to list what is guaranteed)