Internet Printing Protocol Meeting Minutes
October 1, 2020

Meeting was called to order at approximately 3pm EDT.

Attendees

Smith Kennedy (HP)
Ira McDonald (High North)
Anthony Suarez (Kyocera Document Solutions)
Michael Sweet (Lakeside Robotics)
Bill Wagner (TIC)
Steven Young (Canon)

Agenda Items

1. IP Policy and Minute Taker
    - https://www.pwg.org/chair/membership_docs/pwg-ip-policy.pdf
    - IP policy accepted, Mike taking minutes
2. Review of IPP Enterprise Printing Ext v2.0 (Smith)
    - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx20-20200826-rev.pdf
    - Interim draft - for a Candidate Standard
    - IPP WG review on 09/24/2020 - stopped at end of section 6
    - Global: Look for broken section references ("section 0")
    - Section 7.1:
        - Talk about using secure transport for "job-password-encryption" = 'none'
        - MUST NOT return the value of the "job-password" attribute (unsupported-attribute-tag instead), ok to return "job-password-encryption" value
    - Section 7.2:
        - Return "client-error-attributes-or-values-not-supported", not client-error-bad-request.
        - Move "if any members or values ..." to the front of the client-error discussion.
    - Section 7.3:
        - Line 1309: "in the Get-Jobs request" (add Get-Jobs), fix wording of value conformance requirement
    - Section 7.4:
        - Title: Resubmit-Job and Reprocess-Job Operations: "job-storage"
        - Drop the initial part of the first sentence: "If the Printer supports... and also supports the DEPRECATED Reprocess-Job ..."
    - Section 7.5:
        - Also for DEPRECATED Reprocess-Job
        - Title: Resubmit-Job and Reprocess-Job Operations: "parent-job-id"

and "parent-job-uuid"
- Section 7.6:
    - "A Printer MUST validate the values of the "job-password" and "job-password-encryption" attributes ...
    - "MUST NOT return the value of the "job-password" attribute..."
    - Talk about using secure transport for "job-password-encryption" = 'none'
    - Add note: When "job-password-encryption" is 'none', the Printer validates the contents of the "job-password" value. Otherwise, the Printer validates the length of the hash string for the specified encryption hash algorithm.
    - Replace "will likely reject" with "can reject" in the note about 5100.11.
    - "because this was previously disallowed [PWG5100.11-2010]." instead of previous version
- Section 8.2:
    - "... defined in this specification:"
    - Table 14:
        - "Description and Conformance" for second column
        - 'job-await-proof-approval' -> 'job-suspended-for-approval'
        - "... is being held in" -> "is in" and other passive voice changes
        - "job-cancel-after" is a Job Template attribute
        - Add a note for "conflicting-attributes" and "unsupported-attributes-or-values" - used for fan-out, might not cause a job to be aborted (vs. conflicts detected at submission time that prevent the submission)
        - 'job-release-wait' -> 'job-held-for-release'
        - Drop 'job-stored-xxx' and just have 'job-stored' for a Job that is successfully stored (no processing so no need for -successfully, -with-errors, and -with-warnings)
    - Do further clean-up/simplification here and 8.2.1
- Section 8.3:
    - Table 18:
        - Work on wording - simplify as needed
        - Break out long-form descriptions into sub-sections of 8.3.x.
- Sections 9.1 and 9.2:
    - "The Job Save and Reprint feature has been replaced by the Job Storage feature"
    - "The PDF initialization file feature has been removed."
- Section 12:
    - Add content for job-password and job-storage
- Section 13.x:
    - STD92 should be RFC8011 in the registrations
- Section 13.1:
    - Drop deprecated for job-password-encryption, job-password-encryption-supported

- Make sure no spaces between syntax and limit ("name (MAX)" should be "name(MAX)", etc.)
        - Drop which-jobs-supported attribute definition
    - Section 13.2:
        - Update job-state-reasons keywords
    - Section 13.4:
        - Add Reprocess-Job
    - Section 6.1.2:
        - name syntax is OBSOLETE
    - Section 6.4.23:
        - Drop because it is part of JOBEXT 2.0
    - Table 1/Section 4.1:
        - Update keywords to match Table 14 in section 8.2
- Completed the review of this document!

Next Steps / Open Actions

- Next conference calls October 8 and 22, 2020 at 3pm
- Action: Ira/Smith/Mike to file an errata against PWG 5101.2 to fix ABNF and provide extension points (PENDING)
- Action: Ira to post a first draft of new IPP WG charter (PENDING)
- Action: Mike, Ira, and Smith to develop IPP Everywhere value proposition content (PENDING)
- Action: Cihan to post a summary of the Cloud/INFRA discussions to the IPP mailing list and start work on an IPP Registration document (PENDING - should have summary out by the next meeting)