Internet Printing Protocol Meeting Minutes
September 23, 2021

Meeting was called to order at 3pm EDT.

Attendees

Smith Kennedy (HP)
Jeremy Leber (Lexmark)
Ira McDonald (High North)
Anthony Suarez (Kyocera)
Michael Sweet (Lakeside Robotics)
Bill Wagner (TIC)
Uli Wehner (Ricoh)
Steven Young (Canon)

Agenda Items

1. Issues with IPP mailing list - Smith messages are getting blocked? Bill was unsubscribed due to excessive bounces?
2. Antitrust and IP policies, minute taker
   - https://www.pwg.org/chair/membership_docs/pwg-ip-policy.pdf
   - https://www.pwg.org/chair/membership_docs/pwg-antitrust-policy.pdf
   - Antitrust and IP policies accepted, Mike taking minutes
3. Approve IPP minutes from previous meetings
   - https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20210916.pdf
       - Approved as posted
4. Review of IPP Enterprise Printing Extensions v2.0 (Smith)
   - https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippepx20-20210922-rev.pdf
   - Section 2.2:
       - Import Job Owner from STD92
   - Section 4.1:
       - Line 573: "the Job states of a SUCCESSFUL Release Job" (capitalize Job, add successful)
   - Section 4.2:
       - Line 594: "The Client specifies" since there is no default access group for job storage
       - Line 595: "Job Owner" is a defined term
       - Line 596: "End Users" instead of "users"
   - Section 4.4.1: Add reference to figure 8
   - Global:
       - "End User" instead of "User"
   - Section 6.1.1:
       - Mike: Release-Job operation with job-password to release a

password protected job?
- Would be needed for a "virtual Console" (mobile device) talking via IPP
- Smith will process this offline with Mike
- What about making sure that the owner is at the printer?
  - Might be ways (Bluetooth/NFC) to do this out of band
  - Bill: Doesn't have to use IPP
  - Mike: Still should say something about this since Release-Job is a STD92 operation
  - Smith: Button press is an explicit method of releasing - maybe not allow that but allow job-password and owner-authorized
- Hash instead of encrypt:
  - "the Printer HASHES this password using ... and compares the HASHED password value ..."
  - "will produce matching HASH values."
- "The Printer MUST add the 'job-password-wait' ..." (instead of Job)
- Drop last paragraph about priority changing
- Section 6.1.2:
  - Broken section reference
- Section 6.1.3:
  - Table 4: Start each description with a gerund (Pressing a button, Providing a password, Authenticating the Job Owner)
  - Bill: What about spoken interfaces? ("Hey Siri, print my job")
    - Mike: Keep "button-press" but define it as any unauthenticated release action that confirms a recipient is at the printer
  - Fix broken section reference at the end
- Stopped at the beginning of section 7

Next Steps / Open Actions

- Next conference calls October 7 and 21, 2021 at 3pm EST
- Action: Paul to provide Mike with a list of important 3D organizations and projects for 2021-2022 (PENDING)
- Action: Paul to reach out to Pat at ASTM to determine contacts for IPP expansion (PENDING)
- Action: Mike, Ira, and Smith to develop IPP Everywhere value proposition content (PENDING, part of pending SC article content)