

Internet Printing Protocol Meeting Minutes

September 16, 2021

Meeting was called to order at 3pm EDT.

Attendees

Smith Kennedy (HP)
Ira McDonald (High North)
Anthony Suarez (Kyocera)
Michael Sweet (Lakeside Robotics)
Steven Young (Canon)

Agenda Items

1. 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
2. Approve IPP minutes from previous meetings
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20210902.pdf>
 - Approved as posted
3. Status/Review of various IPP mailing list notes
 - <https://www.pwg.org/archives/ipp/2021/020996.html>
 - Definitions for 'front', 'back' and 'both'
 - <https://www.pwg.org/archives/ipp/2021/021002.html>
 - IANA registration request
 - <https://www.pwg.org/pipermail/ipp/2021/021010.html>
 - Addition of DEPRECATED to Reprocess-Job operation in RFC 3998
4. Status of AMSC and ISO liaisons w/ PWG (Paul)
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20210628.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20210726.htm>
 - <https://ftp.pwg.org/pub/pwg/general/sc/pwg-sc-call-minutes-20210823.htm>
 - See PWG Steering Committee minutes from 06/28/21, 07/26/21, 08/23/21
5. Review of Deprecating IPP Print-by-Reference (Mike)
 - <https://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippdepuri10-20210909-rev.pdf>
 - <https://www.pwg.org/archives/ipp/2021/020955.html>
 - RFC: Deprecate the Print-URI and Send-URI operations and related attributes and values
 - Durable URIs: "urn"
 - Section 3.2.1: "Print an Online Document Directly"
 - Section 3.2.2:
 - Title: "Print an Online Document via Edge Computing Service"

- Use CDN and regional cloud storage service as examples
- Smith will provide an additional use case
- Section 4.1.1:
 - End after "Jobs failing" with colon
 - Each bullet should start with "A Printer"
- Section 4.1.3:
 - "... when the Job LATER enters ..."
- Section 4.1.7:
 - Title: "Secure Access"
 - "hosted by a caching/storage service"
 - "access to the service" (drop "print")
 - "particularly if the solution relies only on obfuscated URIs to limit access."
 - Drop last sentence.
- Section 4.2:
 - Title: "Print by Reference Replacement Recommendations"
 - Add recommendation for edge computing - using IPP (infrastructure) printers close to the Client to accept jobs and securely forward to servers closer to the Printer
- Mike: Add recommendations based on common CDN/edge usage for regional resource utilization
- Smith: A lot of edge services use REST stuff, but we should have an all-IPP solution
- Mike: The edge service scenario seems like a more complicated version of Microsoft's local vs. cloud print optimization - maybe we can define a way for the Client to access the "closest" server for a printer
- Section 9.4:
 - Reword second sentence to be a SHOULD recommendation instead of SHOULD NOT. Maybe make arbitrary redirection a MUST NOT
- Finished the document

Next Steps / Open Actions

- Next conference calls September 23 and October 7, 2021 at 3pm EST
- Action: Mike to check whether an issue has been filed against RFC 3998 for the Reprocess-Job operation being deprecated (DONE)
- 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)