

Internet Printing Protocol Meeting Minutes

August 1, 2024

Meeting was called to order at 3:00pm EST on August 1.

Attendees

Charles Armstrong (Canon)
Ira McDonald (High North)
Chris Rizzo (Xerox)
Anthony Suarez (Kyocera)
Michael Sweet (Lakeside Robotics)
Uli Wehner (Ricoh)

Agenda Items

1. PWG IP policy, minute taker, administrivia
2. Review IPP minutes from previous meetings:
 - <https://ftp.pwg.org/pub/pwg/ipp/minutes/ippv2-concall-minutes-20240620.pdf>
 - Approved as posted
3. Mailing list threads of note:
 - <https://www.pwg.org/pipermail/ipp/2024/021638.html>
 - New IPP-SNMP mappings page
 - <https://www.pwg.org/pipermail/ipp/2024/021644.html>
 - New IETF HTTPbis WG draft concerning the "Upgrade" header
 - Mike is monitoring and making sure they don't break STD92
 - <https://www.pwg.org/pipermail/ipp/2024/021646.html>
 - Printer firmware discussion, which will be continued at the August 2024 F2F
 - Lots of horror stories about bad firmware/software updates causing chaos
 - Long-term support is a major undertaking
 - Terminology:
 - Validation: Development/QA process
 - Verification: Run-time process (is it OK/safe to install, compatible with hardware/configuration, does it run, etc.)
 - Ira can provide some terms/references we can use
 - Firmware updates might be performed by other objects than Printer/System
 - <https://www.pwg.org/pipermail/ipp/2024/021664.html>
 - New IETF SSH WG formation to update SSH
4. August 2024 F2F meeting slide review:
 - <https://ftp.pwg.org/pub/pwg/ipp/slides/ipp-wg-agenda-august-24.pdf>

- Slide 12: Verification, not validation
- Slide 14: Fix title, adds "and activates it", might be performed by a separate component
- Slide 16: Similar changes to slide 14, admin client might be notified or see the update with a query
- Slide 17:
 - Ira: Do we really want to use "firmware" in the name?
 - Mike: That's what is currently exposed, also have resident and user applications
 - Ira: Update packages?
- Drop extra next steps slide 28

Next Steps / Open Actions

- PWG Face-to-Face meetings on August 6-7, 2024
- Next conference calls on August 29 and September 12, 2024 at 3pm
- Talk about more "Strong Device Identity" at future (soon) concall, determine requirements/use cases
- Action: Mike to post a summary to the printer-name message thread (DONE)
- Action: Mike to generate a web page off the IPP and WIMs WG pages that provides an IPP-SNMP mapping table (DONE)
- Action: Mike to update the IPP How-To Guide and post to IPP list for discussion (PENDING)
- Action: Paul to review existing 3D use cases and identify any gaps (PENDING)
- Action: Mike to update IPP Everywhere 2.0 test files (PENDING - started work on it)