

Internet Printing Protocol WG Minutes

February 7, 2013

Meeting was called to order at approximately 3:00pm ET February 7, 2013.

Attendees

Russell Brudnicki (Kyocera)
Nancy Chen (Okidata)
Justin Hutchings (Microsoft - call in)
Steve Kang (QualityLogic)
Smith Kennedy (HP - call in)
Shane Lin (Monotype)
Daniel Manchala (Xerox)
Ira McDonald (High North - call in)
Joe Murdock (Sharp)
Glen Petrie (Epson - call in)
Roarke Randall (Toshiba)
David Sponable (Xerox)
Alan Sukert (Xerox)
Michael Sweet (Apple - call in)
Larry Uptegrove (End-User - call in)
Bill Wagner (TIC)
Rick Yardumian (Canon)

Agenda Items

1. IP Policy and Minute Taker
 - a. Policy accepted with Mike taking the minutes
2. Review FaxOut
 - a. <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippfaxout10-20130122-rev.pdf>
 - b. Line 223: Remove "(typically on paper)" from Physical Device
 - Physical Device: a hardware implementation of a endpoint device, e.g., a marking engine, a fax modem, etc.
 - c. ISSUE: Job Disposition for partially-completed/successful job
 - Need a way to report this for streaming devices
 - Q: What about ipp-attribute-fidelity?
 - A: URI scheme validation is part of it, but not URI validation
 - Single destination: partial completion is failure (job-state=aborted)
 - Multiple destinations: partial completions is still a failure (job-state=aborted)
 - but we need to report the reason for the failure
 - new job-state-reasons keyword destination-uri-failed
 - new status code server-error-destination-uri-failed
 - Client queries destinations-statuses to determine the exact error(s)
 - Action: Mike to send errata notice for FaxOut job-state-reasons to SM list
 - d. ISSUE: Equivalent of Get-Printer-Supported-Values in Semantic Model
 - Action: Bill and Nancy to investigate Get-Printer-Supported-Values equivalent in SM
 - e. ISSUE: Send-Hardcopy-Document required in SM FaxOut, but not all devices have scanners
 - Action: Mike to send errata notice for FaxOut conditional requirement to SM list
 - f. Section 4.1.5;
 - Add "sip" and "sips" URI scheme [RFC3268] for T.38 and references
 - g. Section 5.1:
 - Add "sip" and T.38 discussion
 - h. Section 6.1 Send-Hardcopy-Document
 - Line 448: Missing section number for input-source-supported
 - ISSUE: How to do duplex input, color/gray/bi-level, resolution, etc.?
 - Steal from Copy service, "backport" to SM FaxOut afterwards as a separate

- InputElements choice with InputSource
 - input-attributes (collection)
 - input-source (keyword)
 - other member attributes imported from CopyIn property group
 - input-attributes-supported (1setOf type2 keyword) lists supported member attributes
 - input-xyz-supported Printer attributes list supported values
 - Add input-attributes-default, don't make input-attributes operation attribute REQUIRED
 - i. Section 7.1.1: make input-attributes (collection), subsections for all of the member attributes
 - j. Section 7.2.2:
 - Make all text attributes text(MAX)
 - Add xxx-supported (integer(MIN:1023)) Printer attributes to document the maximum supported length
 - Reference xxx-supported sections for each member attribute
 - Action: Mike to send errata notice for FaxOut CoverSheetInfo capabilities
 - k. Section 7.2.2.1: "company-name" change to "organization-name", note difference from SM
 - l. Section 7.2.2.3: "from" change to "from-name", note difference from SM, sender name
 - m. Section 7.2.2.7: "to" change to "to-name", note difference from SM
 - n. Section 7.2.3.1: Add "sip" and "sips" URI schemes [RFC3261]
 - o. Section 7.3.1.3:
 - Value 9, completed is missing the end quote and colon
 - Add "to the destination" to each description
 - p. Section 7.4.4:
 - Add "sip" and "sips" URI schemes
 - q. Section 7.4.6:
 - Add "input-attributes-supported"
 - Add "input-sides-supported"
 - anything else from CopyIn prop group
 - r. Section 7.4.10: "MUST reflect any local regulatory requirements."
 - s. Global: "ith" not "i th"
 - t. Section 7.4.16: "MUST reflect any local regulatory requirements."
 - u. Section 7.4.18: "MUST reflect any local regulatory requirements."
 - v. Table 7:
 - Change description of 'fax-modem-voice-detected' to 'Fax modem detected something other than a carrier tone'.
 - w. Section 9.1:
 - Line 707: "a Client OR a Printer"
 - Line 708: "a Client MUST be able to supply OR a Printer MUST support the following"
 - x. Section 9.2:
 - Scanning: Add input-attributes plus other stuff
 - Split spooling devices 3 into 3 and 4 for -default and -supported, with "must reflect any local regulatory requirements"
 - Cover sheet stuff: Add -supported attributes
 - y. Section 11:
 - Spooling Devices MUST protect document data from disclosure
 - Lines 763-778: Delete
3. IPP Everywhere Self-Certifications
- a. Q: Who will develop Client software?
 - A: Good question for OpenPrinting
 - b. Q: Who will develop tools?
 - A: Good question for OpenPrinting
 - Make it a topic for joint meeting in May
 - c. Q: Have we contacted our PR firm to advertise IPP Everywhere?
 - A: Not yet, still an open action item for Mike
 - Action: Ira to contact Anne Price about collaboration
 - d. Q: Who will develop the certification logo/wording?
 - Use current logo? Not much recognition
 - Competition among members? That is what we did for current PWG logo?
 - Get Anne Price consultation for professional logo?

- Goals: identifies printing, mobile, etc. where IPP Everywhere is used
- Maybe also develop a new PWG logo that is similar to IPP Everywhere - image/brand recognition?
- Action: Mike to contact Anne Price about logos
- e. Q: Can the PWG apply for trademark protection on the logo or wording we use?
 - A: Yes, and we could just add TM, but who owns the TM?
 - Action: Mike to determine legal status of PWG
- f. Q: Do we need an exception process?
 - A: Possibly, maybe flags certain tests as "can fail" and why?
 - What about optional bits?
 - If implemented, must be implemented correctly
 - How perfect do you need to be?
 - Deal with it on a test-by-test basis
 - Come up with specific examples to hash out what the rules are for certification and passing
- g. Q: Do we register the results?
 - Did not get to this question

Next Steps / Open Actions

- Next IPP conference call is February 25, 2013 at 3pm ET
- Put MSN2 up for PWG Formal Vote
- Generate new draft of FaxOut service
- Review new draft of IPP Best Practices
- Action: Mike send errata notice for FaxOut job-state-reasons to SM list
- Action: Bill and Nancy to investigate Get-Printer-Supported-Values equivalent in SM
- Action: Mike to send errata notice for FaxOut conditional requirement to SM list
- Action: Mike to send errata notice for FaxOut CoverSheetInfo names and capabilities
- Action: Ira to contact Anne Price about collaboration
- Action: Mike to contact Anne Price about logos
- Action: Mike to determine legal status of PWG
- Action: Ira to encourage IETF ADs to get IPPS and LDAP RFCs pushed through (ONGOING)
- Action: Ira to update milestones in IPP WG charter (PENDING)
- Action: Ira/Bill to submit technical errata to RFC 3805 to replace CR with CR + LF to be consistent with 5198 and others (PENDING)
- Action: Ira and Mike to review 5100.x specs to remove action items, fix boilerplate copyright text in early specs, fix header/footer/document titles as needed, and fix normative references to drafts, etc. (ONGOING)
- Action: Ira and Mike to work with IANA to update registry to include a "set allowed" column for attributes and improve the plain text formatting (ONGOING)
- Action: Mike and Paul to reach out to label/portable printer vendors to join IPP WG discussions (ONGOING - Paul to send out before next concall)