The Printer Working Group

IPP Workgroup Session

February 5, 2014

PWG F2F Meeting

Irvine, CA

IPP WG Meeting Agenda

February 5, 2014

When	What
10:00 - 10:15	Status
10:15 - 12:00	IPP Everywhere Self-Certification
12:00 - 1:00	Lunch
1:00 - 3:00	IPP Scan
3:00 - 3:15	Break
3:15 - 4:45	IPP Implementor's Guide 2.0
4:45 - 5:00	Next Steps

IPP WG Officers

- IPP WG Co-Chairs:
    - Paul Tykodi (TCS)
    - Ira McDonald (High North)
- IPP WG Secretary:
    - Michael Sweet (Apple)
- IPP WG Document Editors:
    - Ira McDonald (High North) – IPP Shared Infrastructure Extensions (IPPSIX), IPP over HTTPS Transport Binding and "ipps" URI Scheme, LDAP Schema for Printer Services
    - Michael Sweet (Apple) – IPP Shared Infrastructure Extensions (IPPSIX), IPP over HTTPS Transport Binding and "ipps" URI Scheme, LDAP Schema for Printer Services, IPP Finishings 2.0
    - Smith Kennedy (HP) - IPP Implementors Guide 2.0
    - Peter Zehler (Xerox) - IPP Scan Service

IPP WG Status

- IETF RFCs in development:
  - IETF IPP over HTTPS Transport Binding and "ipps" URI Scheme
    - IETF Apps Area Review
  - IETF LDAP Schema for Printer Services (updates RFC 3712)
    - IETF Apps Area Review

- PWG Specifications in development:
  - IPP Everywhere Self-Certification Manual
    - Interim Draft
  - IPP Finishings 2.0 - Interim Draft
  - IPP Implementors Guide 2.0 - Interim Draft
  - IPP Scan Service - Interim Draft
  - IPP Shared Infrastructure Extensions (IPPSIX)
    - Prototype Draft

IPP WG Status

- Candidate Standards:
  - PWG 5100.14-2013: IPP Everywhere
  - PWG 5100.15-2013: IPP FaxOut Service
  - PWG 5100.16-2013: IPP Transaction-Based Printing Extensions
- Up-to-date pending IANA registrations online:
  - http://www.pwg.org/ipp/ipp-registrations.xml
  - Continue to maintain this in parallel for new specifications
    - PWG version includes draft specifications that have reached prototype status

IPP Everywhere Self-Certification

- Current (interim) draft of IPP Everywhere Self-Certification Manual 1.0:
  - ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippeveselfcert10-20140124-rev.pdf
- Standards track document with tools:
  - Minor releases (1.x, 2.x, etc.) will be errata with PWG Call For Objection process
  - Major releases (1.0, 2.0, etc.) will go through PWG Last Call and Formal Approval process
  - Tools and document released together on pwg.org
- Known issues:
  - WS-Discovery tests (see next slide)
- Proposed schedule:
  - Prototype draft in Q1 2014

- Proposal: Defer WS-Discovery testing for later release
  - Need for WS-Discovery tests prevents moving 1.0 to prototype status
    - Have a volunteer to write a test tool (Daniel Dressler) but he is still in school, is also working on the web site, and has limited free time
  - Microsoft has not announced a schedule for IPP Everywhere support
  - Mopria Alliance needs 1.0 to roll out soon and does not require WS-Discovery support

- What we have today:
  - Client software in current Linux OS distributions
  - IPP test tool (CUPS ipptool)
  - Bonjour test tool (CUPS ippfind)
  - Test files for ipptool
  - Sample PDF, JPEG, and PWG Raster files for testing
  - Interim draft of self-certification manual and license agreement
  - IPP Everywhere logo:

- What we have today:
  - Registration page(s) on pwg.org
    - Daniel Dressler has prepared a beta PWG site update
  - Registration of new logos as trademarks through ISTO
    - Paperwork is filed

IPP Everywhere Self-Certification

- Next steps:
  - Complete the Self-Certification Manual
    - Finalize test procedures and requirements in detail
    - Define exception process for tests that might fail
  - Complete the test tool packages
  - Get guinea pigs to test the process and tools

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Lunch Break

- Current (interim) draft at:
  - ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippscan10-2014MMDD-rev.pdf
- Proposed schedule:
  - Prototype draft Q1 2014

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Scheduled Break

IPP Implementers Guide 2.0

- Current (interim) draft at:
  - ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippig20-20140124-rev.pdf
- Proposed schedule:
  - Prototype draft Q1 2014

IPP WG Next Steps

- IPP Everywhere Self-Certification Manual 1.0
  - Prototype draft in Q1 2014
  - Lots of testing
- IPP Finishings 2.0
  - Prototype draft in Q1 2014
- IPP Implementor's Guide 2.0 (IIG2)
  - Prototype draft in Q1 2014
- IPP Scan Service
  - Prototype draft in Q1 2014
- IPP Shared Infrastructure Extensions (IPPSIX)
  - Get prototype experience
  - Stable draft in Q2 2014
  - WG Last Call in Q2 2014

- Start work on IPP System Control Service 1.0 (Mike/Ira)
  - Initial working draft in Q1/Q2 2014
- Investigate advancing IPP/2.0 and/or IPP Everywhere to full IEEE-ISTO standards

IPP WG Info / Participation

- We welcome participation from all interested parties
- IPP Working Group web page
  - http://www.pwg.org/ipp/index.html
- Subscribe to the IPP mailing list
  - http://www.pwg.org/mailman/listinfo/ipp
- IPP WG holds bi-weekly phone conferences announced on the IPP mailing list
  - Next conference calls February 24 and March 10, 2014 at 3pm ET