



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



- 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 1.0
 - 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
- Open issues:
 - WS-Discovery tests (see next slide)
- Proposed schedule:
 - Prototype draft in Q1 2014



IPP Everywhere Self-Certification

- **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



IPP Everywhere Self-Certification

- 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 (trademark paperwork now filed):



IPP Everywhere Self-Certification



- What we have today:
 - Registration page(s) on beta.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 1.0
 - Finalize test procedures and requirements in detail
 - Define exception process for tests that might fail
 - Formally define self-certification of product families
 - Complete the test tool packages
 - Get guinea pigs to test the process and tools:





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Lunch Break

IPP Scan Service



- Current (interim) draft at:
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippscan10-20140127-rev.pdf>
- Proposed schedule:
 - Prototype draft Q1 2014



The Printer Working Group

Scheduled Break



- Current (interim) draft at:
 - <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippig20-20140124-rev.pdf>
- Proposed schedule:
 - Prototype draft Q1? 2014
- Open issues:
 - How do we prototype an implementor's guide?



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

IPP WG Next Steps



- 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
 - ... and IPP/1.1 to full IETF standard based on IPP/2.0 interoperability results



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 March 3 and March 17, 2014 at 3pm ET