IPP Workgroup Session
February 5, 2014
PWG F2F Meeting
Irvine, CA
# IPP WG Meeting Agenda

**February 5, 2014**

<table>
<thead>
<tr>
<th>When</th>
<th>What</th>
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<tr>
<td>10:00 - 10:15</td>
<td>Status</td>
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<tr>
<td>10:15 - 12:00</td>
<td>IPP Everywhere Self-Certification</td>
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<tr>
<td>12:00 - 1:00</td>
<td>Lunch</td>
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<tr>
<td>1:00 - 3:00</td>
<td>IPP Scan</td>
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<td>3:00 - 3:15</td>
<td>Break</td>
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<td>3:15 - 4:45</td>
<td>IPP Implementor’s Guide 2.0</td>
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<td>4:45 - 5:00</td>
<td>Next Steps</td>
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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 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
IPPP 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:

• 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:
Lunch Break
IPP Scan Service

- Current (interim) draft at:

- Proposed schedule:
  - Prototype draft Q1 2014
Scheduled Break
• Current (interim) draft at:

• 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