IPP Everywhere BOF Face-to-Face Minutes  
June 10, 2010

Meeting was called to order at approximately 3 pm (ET) June 10, 2010.

Attendees

Jan Bjerre Aagesen (Print Associates - call in)
Shivaun Albright (HP - call in)
Charles Baxter (Xerox)
Rich Blanchard (Apple - call in)
Scott Byer (Google - call in)
Nancy Chen (OkiData)
Mike Jazayeri (Google)
Swen Johnson (Xerox - call in)
Abhijit Kalamkar (Google)
Harry Lewis (IBM - call in)
Christoph Lindemann (Print Associates - call in)
George Liu (Ricoh - call in)
Hua Liu (Xerox - call in)
Ira McDonald (High North - call in)
Andrew Mitchell (HP - call in)
Joe Murdock (Sharp)
Ken Norikas (PrinterOn)
Glen Petrie (Epson - call in)
Laurent Pizot (HP)
Hitoshi Sekine (Ricoh - call in)
Ole Skov (MPI Tech - call in)
Brian Smithson (Ricoh - call in)
Bob St. Jacques (Xerox - call in)
Mike St Laurent (PrinterOn)
Michael Sweet (Apple)
Jerry Thrasher (Lexmark)
Ted Tronson (Novell)
Chris Tucker (Zoran - call in)
Paul Tykodi (TCS)
Bill Wagner (TIC)
Rick Yardumian (Canon)
Marc Yousey (HP)
Pete Zehler (Xerox)

Agenda Items

1. IP Policy and Minute Taker
   a. Policy accepted with Mike taking the minutes
2. Discussion:
   a. Extensions (Pete to do model spec, IPP Everywhere spec for protocol):
      - Printer GUID
      - Job GUID - already exists in CUPS as job-uuid
      - Printer GPS/geolocation information based on DNS LOC info
      - Job GPS/geolocation? Probably not since it isn't authenticated.
- Control over attributes displayed on banner pages? General consensus seems to be not as part of IPP Everywhere

b. Discovery:
- Registration is one method of discovery in the cloud; local discovery might also be used.
- WS-Discovery doesn't work for IPP or robust discovery/networking
- DNS-SD superior because it does both local and traditional DNS
- Geolocation via LOC record
- Basic capabilities via TXT record
- Full capabilities via IPP Get-Printer-Attributes request
- Register ipps URL scheme, use _ipps._tcp, which is dedicated SSL/TLS like https
- Add TLS key to TXT record to indicate support for TLS Upgrade

c. Protocol:
- Do we require TLS/SSL? No, leave as should

Next Steps / Open Actions

- Action: Ira/Mike to register ipps URL scheme with IANA/IETF/W3C
- Action: Mike to add TLS key and _ipps._tcp regtype to Bonjour printing spec
- Action: Ira to post charter for PWG vote to end after July 4th