

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 Agesen (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