Cloud Printing BOF Face-to-Face Minutes
August 4, 2010

Meeting was called to order at approximately 4:30 pm (local) August 4, 2010.

Attendees

Karsten Andreassen (MPI Tech)
Nancy Chen (Oki Data)
Peter Hansen (MPI Tech)
Till Kamppeter (Linux Foundation)
Ira McDonald (High North/Samsung - call in)
Andrew Mitchell (HP - call in)
Joe Murdock (Sharp)
Glen Petrie (Epson - call in)
Brian Smithson (Ricoh - call in)
Rene Sondergaard (MPI Tech)
Michael Sweet (Apple - call in)
Chris Tucker (Zoran - call in)
Randy Turner (Amalfi - call in)
Paul Tykodi (TCS)
Bill Wagner (TIC)
Rick Yardumian (Canon)
Marc Yousey (HP - call in)
Pete Zehler (Xerox)

Agenda Items

1. IP Policy and Minute Taker
   a. Policy accepted with Mike taking the minutes
2. Discussion:
   a. Definition of cloud printing?
      - Different use cases - slides show Google-style cloud printing?
      - Or different transports for submission?
      - Provider printers vs. own printers registered with cloud
      - No standardization - differentiation for vertical solutions
      - Semantic definitions are the most important/useful
   b. Generalize the definition from slide 4?
      - Both client and printer/proxy register with cloud
      - Client does discovery and job submission, consumes status
      - Printer accepts and processes jobs, provides status
   c. Terminology:
      - Cloud Printing - any solution that connects a Client to a Printer through a shared Cloud Print Provider
      - Cloud Print Provider - the software component that manages printing between Clients and Cloud Printer Managers
      - Cloud Printer Manager - the software component that implements the interface between the Cloud Print Provider and Printer
      - Client - standard IPP definition
      - Printer - standard IPP definition
      - Registration - process by which a Client or Cloud Printer Manager associates itself with the Cloud Print Provider
   d. Client "actions":
      - Registration
      - Printer selection and Job submission
      - Consume Job and Printer information and status
   e. Cloud Printer Manager "actions":
      - Registration
      - Job acceptance and processing

- Provide Job and Printer information and status
f. Cloud Print Provider "actions":
  - Maintains association and registration of Clients and Printers/Cloud Printer Managers
  - Maintains Job and Printer information and status
  - Relays Jobs from Clients to Cloud Printer Managers
  - Relays Job and Printer information and status to Clients
g. Details: Printer information or Print Service information? Better to avoid semantic model terminology for the functional description. Cloud Printer Manager and Cloud Print Provider are both PWG Print Services...

Next Steps / Open Actions

- Action: Mike to write up strawman functional model and definitions slides from today's discussions
- Resolve geolocation issues
- Develop use cases
- Map functional model to PWG semantic model