Cloud Printing BOF Face-to-Face Minutes
June 10, 2010

Meeting was called to order at approximately 1 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. Registering printers with the cloud
      - Printer must have GUID
      - Cloud will always have a GUID of some sort
      - Cloud credentials can be entered on the printer or via cloud UI (e.g. enter

               printer serial number)
- Registration provides capabilities and status of printer
- Authentication issues: how to authenticate after the fact - user+pass or PKI credentials
- TCG/TNC/etc. may have solutions/template we can use
- Basically requires SSL/TLS - client can verify trust with server using cert, server needs to verify (and supply to) client cert
- Alternate schemes - private hashes + nonce data, but that doesn't address privacy/confidentiality which makes it a show-stopper
- Geolocation info?!?

   b. Event notifications
- Event notification both ways - "job available" from the cloud, etc. and printer status to the cloud
- May be important to provide events with "summary" data from printer and then cloud could query to get details

   c. Representing capabilities/UI
- Localization?

   d. Formats
- Important to separate job ticket from data

   e. Define a reference model?
- "Proxy" as generic terminology for cloud interface to/from proxy

Next Steps / Open Actions

- Action: Jerry to setup cloud printing mailing list
- Action: Mike to setup cloud printing wiki
- Work towards strawman reference model and focus on registration process