Cloud Imaging WG Plenary Report

April 27, 2012

Cupertino CA

Officers

- ❖ Chair: Ron Nevo (Samsung)
- ❖ Vice Chair: Bill Wagner (TIC)
- ❖ Secretary: Michael Sweet (Apple)
- ❖ Document Editors:
  - ➢ Ira McDonald (High North):Job Ticket Mapping (JDF), Cloud Imaging Model and Requirements, Cloud Print IPP Binding
  - ➢ Larry Upthegrove : Cloud Printing Requirements and Model
  - ➢ Joe Murdock (Sharp):Cloud Print SOAP Binding
  - ➢ Peter Zehler (Xerox): PWG Job Ticket and Printer Characteristics, Job Ticket Mapping(MSPS), Cloud Printing Requirements and Mode, Cloud Print SOAP Binding
  - ➢ Ron Nevo (Samsung): Job Ticket and Printer Characteristics Mapping Best Practices, Cloud Printing Requirements and Mode
  - ➢ Michael Sweet (Apple): JobTicket Mapping (PPD), Cloud Imaging Model and Requirements,
  - ➢ Justin Hutchins (Microsoft): Job Ticket Mapping (MSPS)

Overview

❖ To allow support of convenient and full featured imaging Services in conjunction with Cloud Computing and other Cloud-based facilities, the PWG held a series of BOF meetings focused on modeling and understanding the use cases, requirements, and existing implementations.

❖ This culminated with the creation of the Cloud Imaging Working Group in February 2011.

❖ Under the initial charter, the WG is to address Cloud Printing in Phase 1, extending to Cloud Imaging in Phase 2

❖ The Phase 1 effort is to produce three documents:
  ➢ Cloud Imaging Model and Requirements
  ➢ Cloud Print Internet Printing Protocol Binding
  ➢ Cloud Print SOAP Binding

3

Overview (cont)

❖ This is a major effort, taking longer than envisioned. It was therefore decided to precede this overall activity with a consideration of how current Cloud Printing implementations might better reflect PWG compatible semantics in the printer characteristics information and Job Ticket aspects.

❖ Therefore, the Cloud Imaging WG is also considering:

  ➢ Applicability of the PWG Job Ticket and Printer Characterization elements, as derived from the current Semantic Model

  ➢ Mapping Job Tickets and Printer Characterizations for Cloud

❖ Printing Services such as Google Cloud Print to the PWG Job Ticket and Printer Characterization elements.

❖ The updated charter has been approved and is at:

  ➢ ftp://ftp.pwg.org/pub/pwg/cloud/charter/ch-cloud-charter-20120315.pdf.

Intended and Potential Publications

- ❖ Documents Identified in Charter:
  - ➢ A PWG Best Practice document that includes:
    - • mapping of PWG Print Job Ticket and PWG Print Service [PJT] to and from elements in the Microsoft Print Schema Specification [MSPS], Adobe Postscript Printer Description [PPD], and CIP4 Job Definition Format [JDF]; and
  - ➢ recommended common subset of job ticket elements for simple print use cases based on current Cloud Print implementations
  - ➢ Cloud Imaging Requirements and Model
  - ➢ Cloud Print Internet Printing Protocol Binding
  - ➢ Cloud Print SOAP Binding
  - ➢ Cloud Multifunction Internet Printing Protocol Binding
  - ➢ Cloud Multifunction SOAP Binding
- ❖ Cloud Imaging is also coordinating the PWG Job Ticket and Printer Characteristics specification with the SM Workgroup

Cloud Imaging WG Participation

- ❖ We welcome participation from all interested parties
- ❖ Cloud Imaging Working Group Web page
  - ➢ http://www.pwg.org/cloud/index.html
- ❖ Cloud Imaging Working Group Wiki
  - ➢ http://pwg-wiki.wikispaces.com/Cloud+Imaging
- ❖ Subscribe to the Cloud mailing list
  - ➢ https://www.pwg.org/mailman/listinfo/cloud
  - ➢ cloud@pwg.org
- ❖ Cloud Imaging WG holds bi-weekly phone conferences announced on the Cloud mailing list
  - ➢ Next conference call is May 7th, 2012 at 3 pm (ET)
  - ➢ Conferences on opposite weeks of IPP WG calls