



Cloud Imaging WG Plenary Report

February 8, 2012

Irvine, CA

Officers

- ❖ Chair: Ron Nevo (Samsung)
- ❖ Vice Chair: Bill Wagner (TIC)
- ❖ Secretary: Michael Sweet (Apple)
- ❖ Document Editors:
 - Ira McDonald (High North): Cloud Print Internet Printing Protocol Binding, Cloud Imaging Model and Requirements, Print Ticket Mapping
 - Joe Murdock (Sharp): Cloud Print SOAP Binding, Cloud Imaging Model and Requirements
 - Peter Zehler (Xerox): Cloud Print SOAP Binding, Cloud Imaging Model and Requirements, Print Ticket Mapping
 - Ron Nevo (Samsung): Cloud Imaging Model and Requirements, Print Ticket Mapping
 - Michael Sweet (Apple): Cloud Imaging Model and Requirements, Print Ticket Mapping
 - Justin Hutchings (Microsoft): Print 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

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.
- ❖ These considerations required a WG Charter change. The updated charter has been approved and is at:
<ftp://ftp.pwg.org/pub/pwg/cloud/charter/ch-cloud-charter-20120126.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 February 20, 2012 at 1 pm (ET)
 - Conferences on opposite weeks of IPP WG calls