The Printer Working Group

Cloud Imaging Model Working Group Face-to-Face Meeting

August 14, 2014

Toronto, Ontario, Canada

Agenda

When	What
9:00 – 9:15	**Introduction and Administrative** Intellectual Property Policy Statement Identify Minute Taker Introduce Participants Consider Agenda Acceptance of Previous Minutes http://ftp.pwg.org/pub/pwg/cloud/minutes/cloud-concall-minutes-20140721.pdf
9:15 – 10:30	**Page-Turn Review of Cloud Imaging Requirements and Model from beginning**
10:30 –11:00	**Next Steps** Steps to Spec Approval Input to SM Other Cloud Projects

Officers and Contributors

- Chair: Ron Nevo (Samsung)
- Vice Chair: Bill Wagner (TIC)
- Secretary: Michael Sweet (Apple)
- Document Editors
  - Bill Wagner (TIC): Editor
  - Ron Nevo (Samsung): Editor

Introduction

- The intent of the Cloud Imaging Model Working Group is to develop a model for providing Imaging Services via a Cloud Imaging System in a way consistent with the PWG Semantic Model.

- The current PWG Cloud Imaging Model contends that the operations interface between a User Client and a Cloud Imaging Service is no different than that between a User Client and any networked Imaging Service, with the exception of asynchronous notification capability (if any).

- However, Cloud Imaging Services often must interface with out-of-cloud end devices (e.g., printers, scanners) to which direct access is blocked by a firewall. The PWG Model identifies a Local Imaging System Proxy intermediate agent and defines a new set of operations from Proxy to Cloud Service.

- ## Draft at:
  - ftp://ftp.pwg.org/pub/pwg/cloud/wd/wd-cloudimagingmodel10-20140730.pdf
  - ftp://ftp.pwg.org/pub/pwg/cloud/wd/wd-cloudimagingmodel10-20140730.docx
  - http://ftp.pwg.org/pub/pwg/cloud/wd/wd-cloudimagingmodel10-20140730.pdf
  - http://ftp.pwg.org/pub/pwg/cloud/wd/wd-cloudimagingmodel10-20140730.docx

Next Steps

- Resolve any identified issues in Model Specification.
- Update specification to Prototype State.
- Await IPP SIX prototype notice.
- Adjust Model Specification as necessary to reflect correction of issues in IPP SIX prototype.
- Submit to WG Last Call. Resolve Issues.
- Submit to PWG Last Call. Resolve Issues.
- Submit to PWG vote.
- SM3 WG Interface
  - Request that new Cloud-oriented Operations be added to SM 3 and existing operations adjusted to reflect Cloud Model versions.
  - Add new elements to Schema
  - Request Cloud Services to be Modeled?

Next Steps

- Other Cloud Imaging Model WG Projects
  - Is consideration of other Cloud-related standards activities appropriate to this WG?
    - TCG: Trusted Multitenant Infrastructure WG for Security Issues
    - IDS: Interact with PWG IDS WG on Cloud Imaging Security
    - IPP-SIX : Potential extensions prompted by IPP SIX prototype and implementation experiences
    - Google Cloud Print Documents, Job Ticket and Capabilities mappings
  - Other extant Cloud Imaging Approaches
  - Cloud-based storage of documents including Cloud based repository as for for Scan Service or location independent accessibility.
  - Any other projects that the workgroup should consider?

Cloud Imaging WG Participation

- We welcome participation from all interested parties
- Cloud Imaging Working Group Web page
  - http://www.pwg.org/cloud/index.html
- 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 September 8, 2014 at 3 pm EDT
  - Conference Calls on same weeks as SM3 conference calls.
  - Conferences on opposite weeks of IPP WG calls