



PWG Plenary Status Report

Workgroup for Imaging Management Solutions

**Printer Working Group
Face-to-Face Meeting
June 24, 2009
Webster, NY**

Purpose of the effort



- **The WIMS working group is concerned with:**
 - Supporting the remote management of Hardcopy Imaging devices by the definition of new and the recasting of previously-defined imaging device and service management elements for mapping into standard management semantics and protocols, including but not limited to SNMP, CIM, and Web Services Management
 - Continuing update and extension of the DMTF/CIM classes concerned with Imaging Devices and Services.
 - Continuing support and update of the printer-related PWG and IETF published MIB documents
 - Continuing support and update of the specifications produced by the former PWG MIB Working Group (PMP) as well as by the PWG WIMS Working Group.

Work Items for the WG



• **What We're Doing**

- Supporting the existing IETF and PWG Printer and related MIB documents, including the potential advancement, extension and expansion of these specifications.
- Advancing a basic public management elements structure for Hardcopy Services and Devices that draws upon existing structures and that utilizes a set of management elements that is consistent over the various management protocols and methods.
- Update, Create and Prototype DMTF/CIM Imaging MOFs, with the objective of ensuring Hardcopy Device and Service management via a Web Services approach that is consistent with the basic public management elements structure

• **What We're NOT Doing**

- We are not addressing the delivery of Hardcopy services.
- We are not specifically concerned with security issues related to Hardcopy Devices or Services, although management must recognize and accommodate the requirements and constraints demanded by security.
- We are not defining a management service or protocol.

Current Activities



- Rick Landau has completed the Printer Proxy CIM Provider code and has posted the code and documentation package on:
 - ftp://ftp.pwg.org/pub/pwg/wims/cim/DellPrinterProviderProxyPrototype_README.txt
 - ftp://ftp.pwg.org/pub/pwg/wims/cim/DellPrinterProviderProxyPrototype_v10.zip
- Rick is interested in feedback on user's experiences with the package
 - problems in running the package or bugs in the code
 - difficulty following the code or making customizations.
- It is hoped that any modifications or additions made to the code to improve usability or functionality will also be made publically available.
- Rick will attend the August Face-to-face and is prepared to provide a full presentation of the Proxy Provider functionality and code package.

Current Activities



- CIM Activity
 - CIM Print Services: no new activity
 - Update of CIM Printer: Some cleanup issues remain
- Imaging Power Management Project
 - Ira has volunteered to be Technical Head of project
 - Although the immediate interest may be a MIB, the purpose of the project must be to define elements in an abstract way that is compatible with all of the likely management mechanisms.
 - The abstract spec must be validated by prototyping an appropriate binding (a MIB in this case) before the abstract spec is submitted for advancement to Candidate Standard.
 - Ira generated a Project Charter (which has been submitted to the SC)

Potential MIB Activities



- **Printer Port Monitor MIB**
 - update spec
 - interoperability testing ?
 - advance PPM to PWG standard ?
- **Identify Printer MIB Problems**
 - MIB will be basis for future WS management. Therefore, MIB problems will delay development and/or restrict effectiveness of WS Imaging Management utilities.
 - Users and Fleet Management Agencies both need to understand some of MIB implementation variations, and should have some place to voice the questions.
- **MFD MIB or MIB extensions?**
 - Many attempts, of varying completeness, started in the past, especially MFD Alerts.
 - MFD group is addressing service semantics; need to address management elements

Next Steps



- Proceed with the CIM effort to Print Service.
- Initiation of Hardcopy Imaging Device Power Management project.
- CIM Printer Profile
- Attempt at increased contact with user community understand needs and identify real use cases.

More Info/How to participate



- We welcome more participation from member companies and input from user community
- The group maintains a Web Page and separate WIKI pages for WIMS and for CIM update
 - <http://www.pwg.org/wims/index.html>
 - <http://pwg-wiki.wikispaces.com/WIMS>
 - <http://pwg-wiki.wikispaces.com/WIMS-CIM>
- Subscribe to the WIMS mailing list by sending an e-mail to majordomo@pwg.org with a blank subject line and a message:
subscribe WIMS
- WIMS holds periodic phone conferences. Dates, call numbers and agenda on PWG Google Calendar.
<http://www.google.com/calendar/embed?src=istopwg%40gmail.com>