PWG Plenary Status Report

Workgroup for Imaging Management Solutions (WIMS/PMP)

December 6, 2011

Austin, Texas

Introduction

- **What WIMS is Doing**
  - Supporting the existing IETF and PWG Printer and related MIB documents (PMP, FIN, JMP) including the advancement, extension and expansion of these standards.
  - 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 interfaces.
  - Considering Hardcopy Device (MFD) management aspects in the light of changing usage, operational and security environments.
  - Coordinating Hardcopy Device and Service management aspects with the model, protocol and security efforts of other PWG Working Groups.
  - Correlating Hardcopy Device management aspects with other Device and Service management standards.

- **What WIMS is NOT Doing**
  - Addressing the delivery of Hardcopy services.
  - Defining a management service or protocol.
  - Dealing with security issues other than observing security requirements imposed on the management of Hardcopy Devices or Services by IDS, IEEE2600 or other applicable security group.

Officers & Editors

- Co-Chairs:
  - Bill Wagner (Technical Interface Consulting)
  - Danny M. Brennan (GTS Services Delivery)
- Secretary:
  - NONE
- Document Editors:
  - Ira McDonald (High North/Samsung)
  - Rick Landau [CIM Printer Profile]

Activities and Status

➢ **MFD Alerts Document**

- Comments from WIMS and IPP reviews incorporated
- Draft at Prototype Level, awaiting notice of SNMP prototype to proceed to last calls
- Prototype of IPP aspects expected as an outgrowth of CUPS activity

➢ **Power MIB Interop Test**

- Outline of test procedure exists, basically requiring MIB Walk of Power MIB and associated standard MIBs
- Questions of whether this would be sufficient to demonstrate interoperability
- Question of whether reporting current state of system via SNMP is possible considering that SNMP response may change system power state.

➢ **Printer MIB Additions and Updates**

- Some requested IANA Printer MIB TC values have been added
- Some Printer MIB TCs cannot be added to without new RFC.

Request for Notice of Prototype

- The MFD Alerts specification defines additional SNMP alert and equivalent IPP "printer-state-reasons" and "printer-alert" values for MFD alert conditions beyond the Printer centric values already defined.

- The latest version addresses comments from WIMS and IPP WG, and is at Prototype level

(ftp://ftp.pwg.org/pub/pwg/pmp/wd/wd-pmpmfdalerts10-20111030-rev.pdf)

- MFD Alerts Document is an update to and completion of the Printer **MIB Alert Table Groups Extension for Multi-Function Devices** document left in Prototype state in March 2007.

- By PWG Process, a specification must be prototyped before it can advance to a Candidate Standard. By tradition, the working group must have a notice of prototype before a specification can go to the Stable state and into last call.

- It is anticipated that a notice of prototype for the IPP aspects will be provided in connection with CUPS developments.

Request for Notice of Prototype

❖ However, a notice of prototype for the SNMP aspects is necessary to allow this specification to advance.

❖ Notice of Prototype is simply a statement that the basic provisions of the specification have been implemented, at least to the level of a test-of-principle model.

➢ The intent is to show that the provisions of the specification are sufficiently clear and achievable, or alternatively to expose ambiguities, unreasonable requirements, or other problems that might affect the consistent and wide-spread implementation of the final standard.

➢ The prototyping effort does not need to cover all values or provisions of the specification. It does not need to be done in a shipping product, or even in equivalent hardware. Prototyping in lashups or by software simulation are acceptable.

➢ Although it is desirable to provide as much information as possible, it is not necessary that the notice of prototype provide any specific information on the prototype effort other than identifying problems in specification.

Next WIMS/PMP Activities?

- PWG Power MIB Interop Procedure
  - Agreed on test Procedure?
  - Anonymous Test Participants
  - Schedule?
- MFD Alerts
  - Prototype Volunteers?
  - Schedule
- CIM Efforts
  - Volunteers?
- Additional Management Elements from CWMP Effort
  - Any action?

More Info/How to participate

- ➢   We welcome participation from PWG member companies and input from the 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

- ➢ To subscribe to the WIMS mailing list, go to :

  https://www.pwg.org/mailman/listinfo/wims