

WIMS Minutes

April 26, 2012

Meeting was called to order at approximately 3:00pm local April 26, 2012.

Attendees

Kai-Uwe Berhmann (Oyranos - call-in)
Danny Brennan (GTS)
Russell Brudnicki (Kyocera)
Nancy Chen (Oki Data)
Shane Lin (Monotype)
Till Kampeter (Canonical/OpenPrinting)
Ira McDonald (High North/Samsung)
Peter Mikalac (Shinesoft)
Naruhiko Ogasawara (Independent)
Glen Petrie (Epson)
Michael Sweet (Apple)
Anil Thakkar (Thinstream)
Jerry Thrasher (Lexmark)
Paul Tykodi (TCS - call-in)
Larry Upthegrove (End-user)
Michael Vrhel (Artifex)
Bill Wagner (TIC)
Jay Wang (Toshiba)
David Williams (Ricoh)
Rick Yardumian (Canon)
Peter Zehler (Xerox)

Agenda Items

1. IP Policy and Minute Taker
Policy accepted with Danny taking the minutes
2. Review of previous minutes
 - a. ftp://ftp.pwg.org/pub/pwg/wims/minutes/wims_041212.pdf
 - b. Accepted as posted
3. Status
WIMS looking for Editors and Secretary

Discussion

Update and completion Printer MFDAlerts

- Corrected Printer MIB & IPP MFD Alerts
- MFP Alerts documentation support Printer MIB and IPP printer state
- Ira explained changes made to the documentation and that most of it has stayed the same throughout the years
- Reviewed resolution and prepare for PWG Vote
- Ira wishes the line numbers be kept in for formal vote then pulled for publishing
- Steering Committee approved

PWG Imaging System Power Mib v 1.0

- Power MIB Interop Test
- Test procedure on the PWG site including instructions on how to run the tests

- Responses have not been sufficient to satisfy the objective
- Bill reminded all that solicitation of MIB walk remains open
- Mike stated he may be able to run tests in Apple Labs but would like for other vendors to also run the tests in their own labs as well. Mike reminded all that test results will remain anonymous.
- Ira says there is a semantic model with same functions, elements of CWMP have also started looking into this and bringing this up. One item found by Ira and others is that a query printers with SNMP will cause them to fully power on.

PWG Power MIB/IETF EMAN Activities Relationship

- Bill and Ira discussed background
- PWG POWERMIB is snmp binding and was started May 2009...prototype Aug 2010
- we are using ACPI and DMTF/CIM MIB power states and PWG approved candidate standards passed in Feb 2011
- IETF EMAN started Sept 2010 concerned with power and energy monitoring none have made it past internet draft. No management in their (IETF) charter, only monitoring. They haven't been able to agree on a set of "power states". Bill states that need for power management is important on many laser printers. Ira spoke about how they (IETF) worked on their MIBs. Jerry asked about what power quality IETF is looking at. Bill said he got Bruce to call in and tell us where IETF/EMAN is at, and will try to get him in Aug for either in person or call in to state where they are.

MIB Errata WIKI

- observed deficiency with snmp...
- collection of observations
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- Need central location where questions, concerns can be posted comments gathered, workarounds posted, ect., maybe add proposed MIB errata.
- Ira said to please put questions to the wiki. Need to make sure the Standard Public MIBS are correct and concise so that the Private Vendor MIBS are still good.
- Need to have a person hand walk the MIB's, since that's the best tool yet, the people who are trying to use these things
- Things in the cloud will need to be managed, taken care of, updated, ect and MIB's are a way to do this. This will avoid constantly polling the network, whose management systems (Numa, Tivoli,) have a time limit, and will wake up with full power and screws up testing
- Jerry stated that the full power on is worse, more issues with running snmp query and the printer going to full power on. Ira and Jerry had discussion on power MIB....concluding that most routers and printers are pretty power management dead.

Status/Action Items

- Additional MFD Management Elements
- CWMP /BOF efforts include a proxy being developed
- Investigatory effort was started to identify management elements typical of printers and MFD's that are already in the semantic model. Sample list available in MS Word and pdf format.
(ftp://ftp.pwg.org/pub/pwg/wims/white/Management_elements-20120420.docx ftp://ftp.pwg.org/pub/pwg/wims/white/Management_elements-20120420.pdf)
- Review, comments and additions to this list are solicited
- Ira said he wished this was part of a vendor public MIB and would like to get list of

- config/setup MIBS that would be helpful
- Jerry, Joe and Ira had a discussion regarding what is setable and what shouldn't be set. Jerry said a column needs to be added to the list (readable/writable)
- Intent was discussed by the group and it was determined that “it is not the intention of the WIMS/PMP group to develop specific MIBS....but how to include them into the Semantic Model.”

Next Steps

Publicize

- PWG Power MIB Interop results
- MFD Alerts
- Additional Management Elements to be Identified to Semantic Model

Put up for Vote

- PWG Power MIB IETF EMAN Activities

Put up White Paper and review

- MIB Errata page and add comments

Continue work on

- more elements for Semantic Model
- review of lists
- defining these elements

Begin defining next projects

Next conf call 1pm EDT 24 may 2012

Meeting called to close at 4:40pm PDT