Minutes of the PWG Web Based Monitoring and Management meeting – April 30, 2003

Harry Lewis, 4/30/03

Attendees

- • Lee Farrell, Canon
- • Harry Lewis, IBM (Secretary)
- • Cathy Markel, HP (outgoing Editor)
- • Ira McDonald, High North
- • Jerry Thrasher, Lexmark
- • Ted Tronson, Novell
- • Bill Wagner, NetSilicon (Committee Chairman)

General

Phone conference was from Noon to 1pm EST. Following discussion was recorded.

1. Ira posted samples of the results of his conversion program from Printer MIB to XML schema.
2. Next, the generated schemas need to be tested with an XML parser to assure they are generating valid XML.
3. Cathy Markel had submitted a document for discussion but, due to the size of the document, there were some issues with the reflector and it was effectively not posted in time for the meeting. Please review
   ftp://ftp.pwg.org/pub/pwg/wbmm/white/Use_Cases_Cathy_4.doc
4. A lot of discussion about the pro's and con's of choosing a verbatim Printer MIBv2 translation as the focal point and mandating (or not) devices that implement the Printer MIB to also expose this verbatim schema. Resolved as follows
   a. A verbatim translation of Printer MIBv2 will be very useful in some environments, especially those based on SNMP centric enterprise management software.
   b. However, the Printer MIB, as successful as it is, still suffers from some pitted interpretation resulting in interoperability issues. We'd like to IMPROVE this scenario with WBMM. This won't happen simply by mandating that WBMM in a device exactly reflect the native Printer MIB implementation. A key goal of WBMM will be a very high degree of "information quality".
   c. A reduced set of mandatory elements should be described for WBMM. These can most readily be obtained by starting with the collection of mandatory SNMP attributes from all groups. Some optional attributes (such as the Input and Output "name") may also be included.

      d. New groupings are sought for the resulting WBMM collection of elements. The PWG will attempt to optimize these groupings to accommodate the most likely usage scenarios. "Communities of Interest" will always be able to construct their own, specific, view relative to the data by specifying a schema specific to their domain.

5. We suggested, in mapping the Printer MIB to WBMM XML schema, that the lengthy Printer MIB descriptions be left out of the schema definition in favor of a reference to the Printer MIB, itself. For new elements in the schema which go not map to an existing reference, the PWG may decide whether to include the description or create a separate document to reference.

6. We need people to contribute their thoughts on interesting and desirable element groupings and schema definitions. At this point, we're not asking everyone to write and contribute a schema… rather list the handful of Printer MIB attributes, device or service management elements that you think fit together and indicate why including some usage scenario to support your reasoning.

Next meeting -

      Time:12:00 PM EDT (9:00 AM PDT) Wednesday 7 May 2003

      Call-in US Toll-free: 1-877-874-5524

      Call-in International/Toll: 1-712-455-8420

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