Minutes of the PWG Web Based Monitoring and Management meeting – May 28, 2003

Harry Lewis, 5/28/03

Attendees

- • Kelli Kennedy, HP (Editor)
- • Harry Lewis, IBM (Secretary)
- • Ira McDonald, High North
- • Bob Taylor, HP
- • Ted Tronson, HP
- • Bill Wagner, NetSilicon (Committee Chairman)

General

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

1. Harry posted some proposed WSDL. (ex.) describing WBMM operations. The revised directory name was preferred relative to the original post and the samples are now at:
   ftp://ftp.pwg.org/pub/pwg/wbmm/WSDL/PWGDeviceControlInterface.wsdl

   Although we did not get to discuss these specific examples, it was observed that a detailed text definition was necessary. And further, that the detailed definitions should be cast into WSDL descriptions so that the WSDL could be processed by the available tools to ensure that the operations as defined are feasible. Comments on Harry's submission and Bill's subsequent comments, as well as additional and alternate operations are solicited.

2. In reviewing the 21 May minutes, we reviewed the data model diagram. This brought up questions about what the differentiation between device and service elements, possible duplication and whether one was subservient to the other. There were also questions about whether the diagram addressed the desire for information to be ordered as consumed, a continuing issue. There were particular questions about how to handle MFDs, such as whether there is an "MFD service" or whether an MFD was a device that provided several basic services. Although it was contended that there was an MFD service, this was not intuitively clear and we agreed we need better modeling and expanded use cases around MFD. Indeed, it was pointed out that all the present scenarios deal with printing operations and that, if WBMM is to handle imaging functions in general, scenarios dealing with other imaging operations were necessary. Such scenarios are requested.

3. We reviewed Kelli's revised WBMM Device Model Requirements Brainstorm document. There was some overlap with the diagram discussion. One observation was that, considering the notion that Devices and Services are different but are at the same level in the model, and that the model should cover both, the title should not appear to restrict itself to Devices. Also, we need to document what sort of things will need to be managed in a service (ex. PSI) and we will have to carefully handle overlap where it occurs between service and device attributes.

4. The issue about organization to facilitate consumption, not to reflect the physical structure brought both agreement and the need to stress that, since there will be several modes of consumption, there is the need for several organizations of the underlying information. Wording needs to be worked on. And it was unclear whether there are several models or one model with several structural variations..

5. Following the issues identified by Kelli, there was agreement to define model vs protocol separately, although there would need to be care to ensure that they were synchronized. Aside from facilitating parallel generation, this would allow the Management Data Model to be used in other places, as well it may be.

6. There was insufficient time to discuss the updated charter. Hopefully, the group will have a chance to review this over the next week and make comments on the list or at the next phone conference. Harry will not be available for the next phone conference, so we need to ask a volunteer scribe.

Next meeting -

Time:12:00 PM EDT (9:00 AM PDT) Wednesday 04 June 2003

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

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

Participant Identification number: 497478

Subjects will be the Charter, Harry's WSDL and some other descriptions of operations, and what ever contributions can be made to the scenarios and examples.