



Minutes  
PWG WBMM BoF  
21 January 2003

## 1 Time, Place and Purpose

PWG Chairman Harry Lewis reconvened the PWG Plenary meeting to discuss the Web Based Monitoring and Management Group at 2:00PM Hawaii/Aleutian Time Zone on 21 January at the Sheraton Maui, Maui, HI. This discussion lasted until 4:00 PM.

The intent was to have the PWG consider the background information and proposed charter for a new working group.

## 2 Meeting Attendees

A separate attendee list was routed for this part of the plenary. Some additional participants joined the meeting later.

| Attendee          | Company          | Email Address                                                                    |
|-------------------|------------------|----------------------------------------------------------------------------------|
| Berkema, Alan     | HP               | <a href="mailto:alan-berkema@hp.com">alan-berkema@hp.com</a>                     |
| Bigelow, Jim      | HP               | <a href="mailto:jim-bigelow@hp.com">jim-bigelow@hp.com</a>                       |
| Bradshaw, Elliott | Oak Technologies | <a href="mailto:ElliottBradshaw@oaktech.com">ElliottBradshaw@oaktech.com</a>     |
| Christensen, Jeff | Novell           | <a href="mailto:jrchristensen@novell.com">jrchristensen@novell.com</a>           |
| Farrell, Lee      | Canon            | <a href="mailto:Lfarrell@cis.canon.com">Lfarrell@cis.canon.com</a>               |
| Green, Brett      | HP               | <a href="mailto:Brett-Green@hp.com">Brett-Green@hp.com</a>                       |
| Hall, David       | HP               | <a href="mailto:dhall@hp.com">dhall@hp.com</a>                                   |
| Lewis, Harry      | IBM              | <a href="mailto:harryl@us.ibm.com">harryl@us.ibm.com</a>                         |
| Markle, Cathy     | HP               | <a href="mailto:Cathy.Markle@hp.com">Cathy.Markle@hp.com</a>                     |
| Pulera, John      | Minolta          | <a href="mailto:jpulera@minolta-mil.com">jpulera@minolta-mil.com</a>             |
| Regnier, Alain    | Ricoh            | <a href="mailto:alain@tpo.ussj.ricoh.com">alain@tpo.ussj.ricoh.com</a>           |
| Rowley, Stuart    | Kyocera          | <a href="mailto:stuart.Rowley@ktd.kyocera.com">stuart.Rowley@ktd.kyocera.com</a> |
| Seeler, Rick      | Adobe            | <a href="mailto:rseeler@adobe.com">rseeler@adobe.com</a>                         |
| Sekine, Hitoshi   | Ricoh            | <a href="mailto:Hitoshi@ussj.ricoh.com">Hitoshi@ussj.ricoh.com</a>               |
| Songer, Gail      | Peerless         | <a href="mailto:gsonger@peerless.com">gsonger@peerless.com</a>                   |
| Taylor, Bob       | HP               | <a href="mailto:bobt@hp.com">bobt@hp.com</a>                                     |
| Thrasher, Jerry   | Lexmark          | <a href="mailto:thrasher@lexmark.com">thrasher@lexmark.com</a>                   |
| Tronson, Ted      | Novell           | <a href="mailto:ttronson@novell.com">ttronson@novell.com</a>                     |
| Wagner, William   | NetSilicon       | <a href="mailto:wwagner@netsilicon.com">wwagner@netsilicon.com</a>               |
| Zehler, Peter     | Xerox            | <a href="mailto:pzehler@crt.xerox.com">pzehler@crt.xerox.com</a>                 |

### **3 Presentation and Discussion**

Bill Wagner summarized the objectives of the activity and gave short background presentation. (<ftp://ftp.pwg.org/pub/pwg/wbmm/presentations/WBMM.ppt>). This presentation includes references to the web sites of several companies offering services akin to the objective of the proposed working group. A CAP Ventures report on the basic subject was also referenced.

#### **3.1 Bounding of Scope**

The presentation suggested bounding the scope of the effort to include defining:

1. Overall path for monitor, manage, update
2. Identify Transport compatible with requirements
3. Create messages for different operations
4. Define basic message Contents and Format (e.g.)
  - a. Source and destination identification, operation
  - b. Message Time, Action Time and/or periods
  - c. Affected Parameters in attribute/value format
  - d. Communication of embedded files

Areas suggested to be beyond scope were:

1. Acquisition/Distribution of management information within the enterprise(Except for noting that it may be via SNMP, Web page, internal, etc.)
2. Specifics of how Firewalls, Proxies, site specific requirements are handled (Except to suggest use of WEB services type approach
3. Specific content of messages (Except for “header” material)
4. Specific parameters or naming of parameters (Except to give examples, such as OID approach)

There was not much comment at the time, although it was later observed that a consistent intra/extra enterprise interface could be defined. Although agreed, it was suggested that it was unlikely that the content type would be the same for the intra versus extra enterprise user.

[Since the meeting, there has been much discussion of scope on the mailing list. This remains a significant unresolved issue.]

#### **3.2 Brainstorm WBMM Uses**

It was suggested that some brainstorming of WBMM uses may provide more insight. The following list identifies uses for the WBMM capability called out during the BoF. This represents thoughts of contributing individuals at the time and does not necessarily define the applications that must be covered by the capability.

- Copy counts, consumables usage, alert/error conditions

- Start/pause/stop/restart/disable
- Retrieve logged information (usage, image statistics, downtime, time report-to-repair)
- MIB type objects
- Driver installation, updating firmware
- State/status reporting
- Printer/service configuration
- Location reporting
- Updating firmware – versioning
- Managing authentication and authorization rules
- Managing user/group policies (e.g.,
- Synchronous/asynchronous
- Eventing – boundary between PSI and management
- Define Reporting policies and periods - service management
- Define Response (actions) to an event

### ***3.3 Update of Charter Proposal***

There were some comments on the draft proposal that had been posted on the PWG web site. These were incorporated into the draft charter. The draft as revised wu the BoF, is now posted at <ftp://ftp.pwg.org/pub/pwg/wbmm/charter/PCharter.pdf>. Significant changes were the expansion of the target scope from “Device” to “Device and Service”.

## **4 Next Steps**

### ***4.1 Establishment of Working Group***

There was sufficient interest so that the PWG Chairman called for establishment of a working group. From the volunteers, officers were selected.

Bill Wagner: Chairman  
 Harry Lewis: Secretary  
 Cathy Markle: Editor

[With thanks to Gail Songer, the WBMM has been added to the PWG Home Page, and a working group web page has been created. A mailing list and FTP site directory had been previously established.]

### ***4.2 PWG Vote on the Charter***

In line with the PWG process, it was requested that the PWG chairman proceed to initiate a formal approval of the proposed charter.