

Minutes of the PWG

Web Based Monitoring and Management

January 28, 2004 Teleconference

W. A. Wagner
01/28/04

Time

The WBMM Teleconference was called to order at 12:05 PM EST 28 January and ended at 1:03 PM EST.

Attendees

- Ira McDonald, High North
- Bill Wagner, NetSilicon (Committee Chairman)
- Peter Zehler, Xerox
- Lee Farrell, Canon

Agenda

Agenda items as modified were:

A. Review of Peter's update to the Usage counter set.

<ftp://ftp.pwg.org/pub/pwg/wbmm/white/PWG-UsageCountersTable-0.08.pdf>

There was brief consideration of:

B. What will be presented in preparation for the February face to face? This is deferred until next week.

C. Ira's resubmission of the Schedule Schema.

<ftp://ftp.pwg.org/pub/pwg/wbmm/schemas/schedule-20040127.xsd>

Consideration of (a) change log; (b) use models; and (c) defined actions identified in Ira's email message of 27 January was deferred until next conference call.

D. Comments on the modified Standards draft and questions of error responses to WBMM operations.

General Discussion

Dissemination and Form of Counter Objects

There was initial discussion as to the disposition of the counter elements in Pete's list. It was agreed that that should be rendered in MIB forms, and then that processed to provide the WBMM XML elements. This recognizes that these counters are of interest as SNMP accessed variables as well as WBMM elements. The fact that these counters very reasonably approach usage monitoring from a multifunction perspective rather than a printer only point of view prevent the entire list from being implemented as an augmentation to the Printer MIB. Three approaches were identified:

- a. Create a completely separate imaging device usage MIB
- b. Structure the usage data to be included in or to augment the MFPA MFP MIB
- c. Create entirely new imaging services MIB (possibly including the printer and MFPA-generated scanner MIB), adding the usage objects.

The usage objects and their disposition is a prime candidate for consideration as part of the February plenary meeting, also considering DMTF information.

Details and Issues with Counters

Pete had some comments from within his organization. These were largely reflected in the yellow highlighted areas. Pete was going to, once again, update the list according to the discussed approaches.

EMAIL – it was concluded that:

1. "Image" is an inappropriate parameter for characterizing EMAIL usage, t
2. K-Octets is preferable,
3. There is no reason to differentiate between monochrome and color data usage.
4. There is reason to differentiate between IN and OUT
5. Email impressions were significant and did need color/monochrome distinction

Elements will therefore be:

EmailInKOctets
EmailOutKOctets
EmailImpressions
EmailBlackImpressions
EmailfullColorImpressions

FILEOUT: like wise it was considered that

1. FileKOctets was a more appropriate parameter than FileImages
2. There is no reason to differentiate between monochrome and color data usage
3. The distinction was between local and network file usage, not IN and OUT.
4. File storage was a service in itself and did not need to be broken down by originating service.

Elements will therefore be:

TotalLocalFileKOctets

TotalNetworkFileKOctets

SCAN: largely from Xerox comments, it was decided that

1. Deriving a scan file needed to be distinguished from using the scanner as a part of other services (copy, fax out, etc.)
2. total scanner usage was also significant
3. there did need to be differentiation between monochrome and color scanning

Elements will therefore be;

TotalScanImages (for all purposes)
TotalScanBlackImages
TotalScanFullColorImages
ScanImages (just to get a scan data file)
ScanBlackImages
ScanFullColorImages

Returns for WBMM Operations

With respect to the standards draft, it was suggested that:

1. All operations should have a specified return set. They should not rely upon error or fault returns at the lower layers.
2. Specific return for Registration should include a schedule, rather than saying that a schedule should be separately queried later.
3. Both Registration and De-Registration should include the session ID in the return.

Teleconference and Meeting Schedule

The next teleconference will be at the standard time on 4 February 2004

Time: 12:00 PM EST (9:00 AM PST)
Call-in US Toll-free: 1-877-874-5524
Call-in International/Toll: 1-712-455-8420
Participant Identification number: 497478#

There will be no teleconference on 11 February. There will be one on 18 February. The PWG face-to-face in San Jose is the week of 22 February, with WBMM scheduled for Wednesday 25 February and significant related material during the plenary and the DMTF co-ordination session on Tuesday 24 February.