

Printer Working Group

Quick Summary – 8 April 2009
Open Printing Summit
San Francisco, CA

PWG – Next Meetings



- **Face-to-Face Meetings in 2009**

- 27-29 April – Mt Laurel, NJ (hosted by Oki Data)
- 16-18 June – Rochester, NY (hosted by Xerox)
- 18-20 August – Seattle, WA (hosted by Microsoft)
- 13-15 October – Boulder, CO (hosted by InfoPrint)
- 8-10 December – Austin, TX (hosted by Dell)

- **Teleconferences**

- Most PWG working groups have bi-weekly teleconferences

- **Note**

- Remote (Web-Ex/teleconference) meetings may be considered if in-person attendance at PWG Face-to-Face meetings becomes an issue due to travel restrictions

**WIMS/CIM WG
WorkGroup for Imaging
Management Solutions
and DMTF Common Info Model**

WIMS/CIM – Current Activities



- **CIM Print Device Model** – done in CIM v2.21
 - CIM Mapping of IETF Printer MIB v2 (RFC 3805)
 - CIM Mapping of IETF Finisher MIB (RFC 3806)
 - <http://www.dmtf.org/standards/cim/>
- **CIM Print Device Prototype** – almost done
 - CIM Provider Proxy for Print Device
 - SNMP MIB to CIM Class translation
- **CIM Print Service Model** – in progress
 - CIM Mapping of IETF IPP/1.1 (RFC 2911)
 - CIM Mapping of PWG Job Monitoring MIB (RFC 2707)

WIMS/CIM – Future Activities 1



- **CIM Network Printer Profile** – interoperability
 - Implementation requirements for CIM Print Model schema
 - Implementation requirements for other CIM schema (Computer System, Interfaces, Power Management, etc.)
- **Printer Port Monitor MIB** – PWG 5107.1-2005
 - Clarifications to v1.0 spec and interoperability testing
 - <ftp://ftp.pwg.org/pub/pwg/candidates/cs-pmpportmib10-20051025-5107.1.pdf>
 - <ftp://ftp.pwg.org/pub/pwg/candidates/cs-pmpportmib10-20051025-5107.1.mib>
- **MFD Alerts** – very simple Printer MIB extension
 - Scan, fax, etc., alerts without *any* new SNMP objects
 - <ftp://ftp.pwg.org/pub/pwg/pmp/wd/wd-mfp-alert-groups10-20070313.pdf>

WIMS/CIM – Future Activities 2



- **Power Management objects?** – “Green” issue
 - General interest expressed at February PWG meeting
 - Another BoF planned at April PWG meeting
- **MFD MIB or MIB extensions?** – management
 - Several attempts of varying completeness in the past
 - MFD WG focusing on Service and Job semantics
 - Need to address Service and System management

MFD WG

Multifunction Devices

MFD WG – Current Activities



- **Scan Service**

- PWG Formal Approval Vote ends 10 April 2009
- <ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdscanmodel10-20090313.pdf>

- **Resource Service**

- MFD WG Last Call ended 3 April 2009
- <ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdresourcemodel10-20090318.pdf>

- **MFD Overall Architecture**

- <ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdoverallmod10-20090325.pdf>

MFD WG – Future Activities



- **Fax Out Service**

- <ftp://ftp.pwg.org/pub/pwg/mfd/wd/wd-mfdfaxoutmodel10-20091119.pdf>

- **Other Services** – after current Services are complete – subject to change based on MFD WG consensus

- Copy Service
- FaxIn Service
- EmailIn Service
- EmailOut Service
- Transform Service

IPP WG

Internet Printing Protocol

IPP WG – Current Activities



- **IPP/2.0 First Edition**

- Includes *most* IETF and PWG IPP extension specs
- Defines IPP/2.0 (workgroup) and IPP/2.1 (enterprise)
- Implemented in CUPS/1.4
- PWG Last Call ends 4 May 2009
- <ftp://ftp.pwg.org/pub/pwg/ipp/ippv2-wd/wd-ipp20-20090322.pdf>

- **IPP Printer State Reasons Extensions (PSX)**

- Maps all Printer MIB alerts into two new IPP attributes
- Defines new Finisher alerts for both IPP and Printer MIB
- Implemented in CUPS/1.3
- PWG Last Call ends 4 May 2009
- <ftp://ftp.pwg.org/pub/pwg/ipp/wd/wd-ippstate10-20090404.pdf>

IPP WG – Future Activities



- **IPP Production Printing Set 2**

- Work-in-progress – new editor needed – include in IPP/2.2
- Define new IPP production attributes consistent w/ JDF
- ftp://ftp.pwg.org/pub/pwg/ipp/new_PPE/pwg-ipp-prod-print-set2-draft-v0_1-020821.pdf

- **IPP/2.0 Second Edition**

- Planned for late 2009 timeframe
- Clarifications to First Edition and interoperability testing
- Include *all* IETF and PWG IPP extension specs
- Define new IPP/2.2 (production) conformance level

IDS WG

Imaging Device Security

IDS WG – Current Activities



- **HCD Health Assessment Attributes**

- IDS WG last call ended 30 March 2009
- <ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-idsattributes10-20090218.pdf>

- **HCD-NAP Binding**

- Define HCD Binding for MS-NAP (Network Access Protection) and MS-SOH (Statement of Health)
- <ftp://ftp.pwg.org/pub/pwg/ids/wd/wd-ids-napsoh10-20090212.pdf>

IDS WG – Future Activities



- **HCD-NEA Binding**
 - Define HCD Binding for IETF PB-TNC (Posture Broker compatible with Trusted Network Connect)
- **Discussions with Microsoft**
 - Finalize HCD-NAP Binding for MS-NAP/MS-SOH
- **Discussions with IETF**
 - IETF Network Endpoint Attachment (NEA) WG
 - Finalize HCD Binding for IETF PB-TNC
- **Discussions with Trusted Computing Group**
 - TCG Hardcopy Working Group (HCWG) now rechartering
 - Harmonize HCD-NEA Binding to TCG TNC protocols

Questions/Discussion?

