

Outline-Coherent MFD Management Interfaces

1. Introduction
2. Terminology
3. Requirements
4. SNMP Management Interfaces
 - 4.1. SNMP Overview (versions, transports, security, etc.)
 1. SNMPv1c
 2. SNMPv2c
 3. SNMPv2p (Party) - ???
 4. SNMPv3
 5. SNMP over SSH
 6. SNMP over TLS
 - 4.2. IETF MIB Requirements
 - 4.2.1 IETF Core MIBs
 - 1) IETF MIB-II (RFC 1213)
 - 2) IETF Host Resources MIB v2 (RFC 2790)
 - 3) IETF Entity MIB v3 (RFC 4133)
 - 4) IETF Syslog Message MIB (RFC 5676)
 - 4.2.2 IETF Updates to MIB-II
 - 1) IETF Interfaces MIB (RFC 2863)
 - 2) IETF TCP MIB (RFC 4022)
 - 3) IETF UDP MIB (RFC 4113)
 - 4) IETF IP MIB (RFC 4193)
 - 5) IETF SNMP Agent MIB (RFC 3418)
 - 4.2.3 IETF SNMP Protocol MIBs
 - 1) SNMP group in IETF MIB-II (RFC 1213)
 - 2) SNMPv3 Framework MIB (RFC 3411)
 - 3) SNMPv3 Message Processing MIB (RFC 3412)
 - 4) SNMPv3 Target MIB (RFC 3413) - for traps
 - 5) SNMPv3 Notification MIB (RFC 3413) - for traps
 - 6) SNMPv3 User-based Security MIB (RFC 3414)
 - 7) SNMPv3 View-based Access Control MIB (RFC 3415)
 - 8) SNMP Community MIB (RFC 3584)
 - 9) SNMP Transport Security Model MIB (RFC 5591)
 - 10) SNMP SSH Transport Model MIB (RFC 5592)
 - 11) SNMP TLS Transport Model MIB (RFC 5953)
 - 4.3. PWG MIB Requirements
 - 4.3.1 PWG Core MIBs
 - 1) PWG Job Monitoring MIB (RFC 2707)
 - 2) PWG Printer MIB v2 (RFC 3805)
 - 3) PWG Finisher MIB (RFC 3806)
 - 4) IANA Charset MIB (RFC 3808)
 - 4.3.2 PWG Extension MIBs
 - 1) PWG Printer Port Monitor MIB (PWG 5107.1)

- 2) PWG Imaging System State and Counter MIB v2 (PWG 5106.3)
- 3) PWG Imaging System Power MIB v1 (PWG 5106.5)
- 4.4. Vendor MIB Recommendations
 - Should always implement equivalent public MIB (when available) for any functionality present in private MIBs
5. IPP Management Interfaces
 - a. IPP Overview (versions, transports, security, etc.)
 - b. IETF IPP Requirements
 - c. PWG IPP Requirements
 - d. Vendor IPP Recommendations
6. Web Services Management Interfaces
 - a. Web Services Overview (PWG SM, MFD Services, WS-* specs, etc.)
 - b. WSI Web Services Requirements
 - c. PWG Web Services Requirements
 - d. Vendor Web Services Recommendations
7. DMTF CIM Management Interfaces
 - a. CIM Overview (versions, transports, security, etc.)
 - b. DMTF CIM Requirements
 - c. PWG CIM Requirements (Printer Profile, extensions, etc.)
 - d. Vendor CIM Recommendations
8. NETCONF Management Interfaces
 - a. NETCONF Overview (versions, transports, security, etc.)
 - b. IETF NETCONF Requirements
 - c. PWG NETCONF Requirements
 - d. Vendor NETCONF Recommendations
9. IANA and PWG Considerations
10. Internationalization Considerations
11. Security Considerations
12. References
 - a. Normative References
 - b. Informative References
13. Editors' Addresses
14. Appendix X - Change Log