MWTM MIB Reference

MWTM queries the following MIBs, listed in alphabetical order:

MIB	Description
CISCO-ENVMON-MIB.my (1.3.6.1.4.1.9.9.13)	Provides environmental monitoring information on Cisco devices.
CISCO-EPM-NOTIFICATION-MIB.my (1.3.6.1.4.1.9.9.311)	Defines the trap structure that carries the identity and status info of the managed object. MWTM can send internal events as traps defined in this MIB to third-party NMS applications for further processing.
CISCO-HSRP-MIB.my (1.3.6.1.4.1.9.9.106)	Provides a means to monitor and configure the Cisco IOS proprietary Hot Standby Router Protocol (HSRP). Cisco HSRP protocol is defined in RFC2281.
CISCO-HSRP-EXT-MIB.my (1.3.6.1.4.1.9.9.107)	Provides an extension to the CISCO-HSRP-MIB which defines Cisco's proprietary Hot Standby Routing Protocol (HSRP). The extensions cover assigning of secondary HSRP IP addresses and modifying an HSRP group's priority by tracking the operational status of interfaces.
CISCO-IP-RAN-BACKHAUL-MIB.my (1.3.6.1.4.1.9.9.483)	Provides information on the optimization of IP-RAN traffic between the Base Transceiver Station (BTS) and Base Station Controller (BSC). It handles both GSM Abis and UMTS Iub traffic.
CISCO-PROCESS-MIB.my (1.3.6.1.4.1.9.9.109)	Displays estimated memory and CPU utilization on Cisco devices. CPU utilization gives a general idea of how busy the processor is. The numbers are a ratio of the current idle time divided by the longest idle time.
CISCO-SMI.my (no OID) (1.3.6.1.4.1.9)	Defines the Structure of Management Information for the Cisco enterprise.
CISCO-SYSLOG-MIB.my (1.3.6.1.4.1.9.9.41)	Provides a means of gathering syslog messages generated by the Cisco IOS. MWTM can send internal events as traps defined in this MIB to third-party NMS applications for further processing.
CISCO-TC.my (1.3.6.1.4.1.9.12.1)	Defines textual conventions used throughout Cisco enterprise MIBs.
ENTITY-MIB.my (1.3.6.1.2.1.47)	Defines multiple logical entities supported by a single SNMP agent.

MIB	Description
IANAifType-MIB.my (no OID) (1.3.6.1.2.1.30)	Defines the IANAifType Textual Convention, and thus the enumerated values of the ifType object defined in MIB-II's ifTable.
IF-MIB.my (1.3.6.1.2.1.31)	Describes generic objects for network interface sub-layers. This MIB is an updated version of MIB-II's ifTable, and incorporates the extensions defined in RFC 1229.
INET-ADDRESS-MIB.my (1.3.6.1.2.1.76)	Defines textual conventions for representing Internet addresses. An Internet address can be an IPv4 address, an IPv6 address, or a DNS domain name. This module also defines textual conventions for Internet port numbers, autonomous system numbers, and the length of an Internet address prefix.
MIB-II mib (RFC1213-MIB.my) (1.3.6.1.2.1)	Provides basic management information on the device (RFC 1213).
OLD-CISCO-INTERFACES-MIB.my (1.3.6.1.4.1.9.2.2)	Defines interfaces for the Cisco enterprise.
OLD-CISCO-SYS-MIB.my (1.3.6.1.4.1.9.2.1.1)	Provides a means of gathering basic information for a router.
SNMP-FRAMEWORK-MIB.my (1.3.6.1.6.3.10)	Defines the SNMP Management Architecture.
SNMP-TARGET-MIB.my (1.3.6.1.6.3.12)	Defines the MIB objects that provide mechanisms to remotely configure the parameters used by an SNMP entity for the generation of SNMP messages.
SNMPv2-CONF.my (no OID)	Defines SNMPv2 conformance.
SNMPv2-MIB.my (1.3.6.1.6.3.1)	Defines SNMPv2 entities.
SNMPv2-SMI.my (defines several high-level OIDs)	Defines the Structure of Management Information for SNMPv2.
SNMPv2-TC.my (no OID)	Defines textual conventions for SNMPv2.

You can obtain the latest versions of these MIBs from one of the following locations:

- The Zip file *mibs.zip*, located at the top of the MWTM DVD Image, contains these MIBs.

- You can download these MIBs from the Cisco Website:

  http://www.cisco.com/public/sw-center/netmgmt/cmtk/mibs.shtml