



MIBs Polled and SNMP Traps Processed

These topics lists the MIBs polled and the SNMP traps processed by VHM:

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Note

VHM is not a MIB browser. This list indicates which MIBs VHM polls. VHM queries only certain variables from these MIBs to conduct its analysis.

MIBs

The following MIBs are polled by VHM:

- SNMP MIB-II
- HOST-RESOURCES-MIB
- CPQHOST-MIB
- CPQHLTH-MIB
- CPQSM2-MIB
- CPQNIC-MIB
- CCM-MIB

- ENTITY-MIB
- IF-MIB
- CISCO-ENTITY-FRU-CONTROL-MIB
- CISCO-STACK-MIB
- CISCO-PROCESS-MIB
- CISCO-MEMORY-POOL-MIB
- CISCO-ENVMON-MIB
- SYS-APPL-MIB

SNMP Traps

VHM receives traps from DFM only. VHM processes data found in the following fields of each SNMP trap message:

- Enterprise (the sysObjectID of the agent/object)
- IP address of the SNMP agent
- Generic Trap Identifier
- Specific Trap Identifier
- Time Stamp
- Variable-Bindings

**Note**

The SNMP trap notifier MIB specifies the trap message format used by DFM and is documented in the *Device Fault Manager User Guide*.

CPQHLTH-MIB Traps

- cpqHeThermalTempFailed
- cpqHeThermalTempDegraded
- cpqHeThermalTempOK
- cpqHeThermalSystemFanFailed

- cpqHeThermalSystemFanDegraded
- cpqHeThermalSystemFanOK
- cpqHeThermalCpuFanFailed
- cpqHeThermalCpuFanOK
- cpqHeFltTolPwrSupplyDegraded

Remote Insight Board (MCS-7830) Traps

- cpqSm2ServerReset
- cpqSm2ServerPowerOutage
- cpqSm2BatteryFailed
- cpqSm2InterfaceError

