



# MIBs Polled and SNMP Traps Processed

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

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- [SNMP Traps, page A-2](#)



**Note**

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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.

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## MIBs

The following MIBs are polled by VHM:

- CCM-MIB
- cimv2\win32-MIB
- CISCO-CCM-MIB
- CISCO-CDP-MIB
- CISCO-DPA-7610-7630-MIB
- CISCO-ENTITY-FRU-CONTROL-MIB
- CISCO-ENVMON-MIB
- CISCO-MEMORY-POOL-MIB

- CISCO-PROCESS-MIB
- CISCO-STACK-MIB
- CISCO-VOICE-APPS-MIB
- CPQHOST-MIB
- CPQHLTH-MIB
- CPQSM2-MIB
- CPQNIC-MIB
- ENTITY-MIB
- HOST-RESOURCES-MIB
- ibmpsEvent-MIB
- ibmpsgAssetID-MIB
- IF-MIB
- SNMP MIB-II
- SYS-APPL-MIB
- UMSEVENT-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



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**Note**

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

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## CPOHLTH-MIB Traps

- cpqHeThermalTempFailed
- cpqHeThermalTempDegraded
- cpqHeThermalTempOK
- cpqHeThermalSystemFanFailed
- cpqHeThermalSystemFanDegraded
- cpqHeThermalSystemFanOK
- cpqHeThermalCpuFanFailed
- cpqHeThermalCpuFanOK
- cpqHeFltTolPwrSupplyDegraded

## Remote Insight Board (MCS-7830) Traps

- cpqSm2ServerReset
- cpqSm2ServerPowerOutage
- cpqSm2BatteryFailed
- cpqSm2InterfaceError

## Voice Services Traps

- cvaModuleStart
- cvaModuleStop
- cvaModuleRunTimeFailure
- cvaProcessStart
- cvaProcessStop

## IBM TRAP

- iBMPSGFanEventBindings (pass-through trap)
- iBMPSGTemperatureEventBindings (pass-through trap)
- iBMPSGVoltageEventBindings (pass-through trap)

## Cisco CallManager Traps

- ccmGatewayFailed
- ccmMediaResourceListExhausted
- ccmCallManagerFailed
- ccmGatewayLayer2Change