



# SNMP

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NCS 1004 supports the following MIBs.

- CISCO-AM-SNMP-MIB
- CISCO-CONFIG-MAN-MIB
- CISCO-FLASH-MIB
- CISCO-ENTITY-REDUNDANCY-MIB
- CISCO-SYSTEM-MIB
- CISCO-ENTITY-ASSET-MIB
- EVENT-MIB
- DISMAN-EXPRESSION-MIB
- CISCO-FTP-CLIENT-MIB
- NOTIFICATION-LOG-MIB
- CISCO-RF-MIB
- RADIUS-AUTH-CLIENT-MIB
- RADIUS-ACC-CLIENT-MIB
- IEEE8023-LAG-MIB
- CISCO-TCP-MIB
- UDP-MIB
- CISCO-BULK-FILE-MIB
- CISCO-CONTEXT-MAPPING-MIB
- CISCO-OTN-IF-MIB
- CISCO-ENHANCED-MEMPOOL-MIB
- CISCO-PROCESS-MIB
- CISCO-SYSLOG-MIB

- ENTITY-MIB
- CISCO-ENTITY-FRU-CONTROL-MIB
- CISCO-IF-EXTENSION-MIB
- RMON-MIB
- HC-RMON-MIB
- CISCO-OPTICAL-MIB
- CISCO-ENTITY-SENSOR-MIB
- LLDP-MIB
- CISCO-ALARM-MIB
- IEEE8021-SECY-MIB (only SNMP read-only operations are supported for this MIB)

The following table provides more information about SNMP MIBs and related documentation links.

| Task   | Link                                  |
|--|---------------------------------------|
| Determine the MIB definitions  | <a href="#">SNMP Object Navigator</a> |
| Configure SNMP   | <a href="#">Configure SNMP</a>        |
| Understand SNMP best practices about the recommended order of SNMP query, maximum cache hit, and SNMP retry and timeout recommendation | <a href="#">SNMP Best Practices</a>   |

Make sure that you configure `snmp-server community` as the `SystemOwner` to have the admin-plane parameters to appear to entity MIB. The parameters of fans and power supply units are examples of admin-plane parameters.