

Which SNMP OIDs are used by Men & Mice in IP address and Subnet Discovery

Men & Mice has the capability to scan a defined list of routers and retrieve the ARP tables and/or the subnets and their information found on the routers.

To perform this scanning, the following suite of SNMP OIDs are used:

IP-MIB:

- ipNetToMediaPhysAddress: .1.3.6.1.2.1.4.22.1.2
- ipAdEntAddr: .1.3.6.1.2.1.4.20.1.1
- ipAdEntIfIndex: .1.3.6.1.2.1.4.20.1.2
- ipAdEntNetMask: .1.3.6.1.2.1.4.20.1.3

ENTITY-MIB:

- entPhysicalSerialNum: .1.3.6.1.2.1.47.1.1.1.1.11

SNMPv2-MIB:

- sysName: .1.3.6.1.2.1.1.5

CISCO-VLAN-IFTABLE-RELATIONSHIP-MIB:

- cviRoutedVlanIfIndex: .1.3.6.1.4.1.9.9.128.1.1.1.1.3

CISCO-VRF-MIB:

- cvVrfInterfaceType: .1.3.6.1.4.1.9.9.711.1.2.1.1.2
- cvVrfName: .1.3.6.1.4.1.9.9.711.1.1.1.1.2

Each device is only queried once, as the system checks the serial number and does not synchronize with the same serial number twice.