

SNMP unknown devices

Open-AuditIT uses a relatively simple method to identify the model and type of a device detected using SNMP (at least initially - if these fail we attempt other functions to determine the device type, for example).

We query the OID at 1.3.6.1.2.1.1.2.0 and match that to a model and type.

Because vendors are constantly adding new models and types of devices, we will at times not know what a particular value represents.

In these cases, you can send the details to Opmantek and we will include them for the next release.

If it is an urgent request and you are a supported customer, we can even provide a patch to fix the issue ASAP.

The details we require are the OID value, the manufacturer, model and type of device. That's all that is required, but if you *really* wish to help out you can send in a full SNMP walk of the device. Using that data we can also populate the serial for the device and potentially other important information.

```
snmpwalk -v2c -On -c YOUR_SNMP_COMMUNITY DEVICE_IP_ADDRESS . > device_snmp_walk.txt
```

The SNMP OID can be retrieved in the GUI as below.

The screenshot shows the Open-AuditIT Cloud interface. The left sidebar contains a menu with 'Details' highlighted. The main content area displays the 'Summary - Router' and 'Details' tabs. The 'Details' tab shows various fields for the device, including 'Snmp OID' which is circled in red. The 'Snmp OID' value is 1.3.6.1.4.1.41112.1.5. Other fields include 'Name' (Router), 'IP' (192.168.1.1), 'Type' (Gateway), 'Description' (EdgeOS v4.4.22.5086045.180508.1522), 'OS Family' (EdgeOS), 'Status' (Production), 'Environment' (Production), 'Manufacturer' (Ubiquiti Networks Inc.), 'Model' (UniFi Security Gateway), 'Serial' (empty), 'Hostname' (Router), 'Domain' (empty), 'Dns Hostname' (empty), 'Dns Domain' (empty), 'FQDN' (empty), 'Class' (empty), 'Function' (empty), 'OS Group' (Linux), 'OS Name' (EdgeOS v4.4.22.5086045.180508.1522), 'OS Version' (empty), 'Form Factor' (empty), 'Uptime' (1 days, 08:28:53), 'OS Install Date' (2000-01-01), 'Last Seen' (2019-04-02 17:01:47), 'Last Seen By' (snmp), 'Cluster Name' (empty), 'VM Server Name' (empty), 'VM Group' (empty), and 'Manage in OAE' (Yes).

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