SNMP

SNMP Enumeration

Simple Network Management Protocol (SNMP) is a way for different devices on a network to share information with one another. It allows devices to communicate even if the devices are different hardware and run different software.

Link for snmp
https://www.helpsystems.com/resources/articles/snmp-basics-what-it-and-how-it-works

Link for snmpwalk
https://www.comparitech.com/net-admin/snmpwalk-examples-windows-linux/#Snmpwalk_Parameters_and_Options_in_Windows_and_Linux

snmpwalk -v1 -c public 10.10.10.20 | tee smnpwalk

looking for ipv6 :

cat snmpwalk | grep -i mib
iso.3.6.1.2.1.1.9.1.3.1 = STRING: "The MIB for Message Processing and Dispatching."
iso.3.6.1.2.1.1.9.1.3.3 = STRING: "The SNMP Management Architecture MIB."
iso.3.6.1.2.1.1.9.1.3.4 = STRING: "The MIB module for SNMPv2 entities"
iso.3.6.1.2.1.1.9.1.3.5 = STRING: "The MIB module for managing TCP implementations"
iso.3.6.1.2.1.1.9.1.3.6 = STRING: "The MIB module for managing IP and ICMP implementations"
iso.3.6.1.2.1.1.9.1.3.7 = STRING: "The MIB module for managing UDP implementations"
iso.3.6.1.2.1.1.9.1.3.9 = STRING: "The MIB modules for managing SNMP Notification, plus filtering."
iso.3.6.1.2.1.1.9.1.3.10 = STRING: "The MIB module for logging SNMP Notifications."

we see another ipv6 address availble

snmpwalk -Os -c public -v 1 10.10.10.20 | tee smnpwalk

snmpwalk -c public -v2c 10.10.10.20 ipAddressTable > iptables

snmpwalk -c public -v2c 10.10.10.20 -O xv | tee smnpwalk3