

SNMP

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O que é SNMP?

- Simple Network Management Protocol.
- protocolo padrão da Internet para gerenciamento de dispositivos em redes IP.
- Dispositivos que normalmente suportam SNMP incluem roteadores, computadores, servidores, estações de trabalho, impressoras, racks modernos e etc.

Testes locais SNMP:

root@Note-PC: /home/gabriel

gabriel@Note-PC:~\$ sudo su

[sudo] password for gabriel:

root@Note-PC:/home/gabriel# snmpwalk -v1 -c public localhost

Timeout: No Response from localhost

root@Note-PC:/home/gabriel#

Testes remotos SNMP:

```
root@Note-PC:/home/gabriel# snmpwalk -v1 -c public pi.exehda.org
SNMPv2-MIB::sysDescr.0 = STRING: Linux exehda6 5.4.0-86-generic #97-Ubuntu SMP Fri Sep 17 19:19:40 UTC 2021 x86_64
SNMPv2-MIB::sysObjectID.0 = OID: NET-SNMP-MIB::netSnmpAgentOIDs.10
DISMAN-EVENT-MIB::sysUpTimeInstance = Timeticks: (44649316) 5 days, 4:01:33.16
SNMPv2-MIB::sysContact.0 = STRING: Adenauer Yamin <adenauer@gmail.com>
SNMPv2-MIB::sysName.0 = STRING: exehda6
SNMPv2-MIB::sysLocation.0 = STRING: Rua Tres de Maio, Pelotas, RS * 96010-620
SNMPv2-MIB::sysServices.0 = INTEGER: 72
SNMPv2-MIB::sysORLastChange.0 = Timeticks: (2) 0:00:00.02
SNMPv2-MIB::sysORID.1 = OID: SNMP-FRAMEWORK-MIB::snmpFrameworkMIBCompliance
SNMPv2-MIB::sysORID.2 = OID: SNMP-MPD-MIB::snmpMPDCompliance
SNMPv2-MIB::sysORID.3 = OID: SNMP-USER-BASED-SM-MIB::usmMIBCompliance
SNMPv2-MIB::sysORID.4 = OID: SNMPv2-MIB::snmpMIB
SNMPv2-MIB::sysORID.5 = OID: SNMP-VIEW-BASED-ACM-MIB::vacmBasicGroup
SNMPv2-MIB::sysORID.6 = OID: TCP-MIB::tcpMIB
SNMPv2-MIB::sysORID.7 = OID: IP-MIB::ip
SNMPv2-MIB::sysORID.8 = OID: UDP-MIB::udpMIB
SNMPv2-MIB::sysORID.9 = OID: SNMP-NOTIFICATION-MIB::snmpNotifyFullCompliance
SNMPv2-MIB::sysORID.10 = OID: NOTIFICATION-LOG-MIB::notificationLogMIB
SNMPv2-MIB::sysORDescr.1 = STRING: The SNMP Management Architecture MIB.
SNMPv2-MIB::sysORDescr.2 = STRING: The MIB for Message Processing and Dispatching.
SNMPv2-MIB::sysORDescr.3 = STRING: The management information definitions for the SNMP User-based Security Model.
SNMPv2-MIB::sysORDescr.4 = STRING: The MIB module for SNMPv2 entities
SNMPv2-MIB::sysORDescr.5 = STRING: View-based Access Control Model for SNMP.
SNMPv2-MIB::sysORDescr.6 = STRING: The MIB module for managing TCP implementations
SNMPv2-MIB::sysORDescr.7 = STRING: The MIB module for managing IP and ICMP implementations
SNMPv2-MIB::sysORDescr.8 = STRING: The MIB module for managing UDP implementations
SNMPv2-MIB::sysORDescr.9 = STRING: The MIB modules for managing SNMP Notification, plus filtering.
SNMPv2-MIB::sysORDescr.10 = STRING: The MIB module for logging SNMP Notifications.
SNMPv2-MIB::sysORUpTime.1 = Timeticks: (2) 0:00:00.02
SNMPv2-MIB::sysORUpTime.2 = Timeticks: (2) 0:00:00.02
SNMPv2-MIB::sysORUpTime.3 = Timeticks: (2) 0:00:00.02
SNMPv2-MIB::sysORUpTime.4 = Timeticks: (2) 0:00:00.02
SNMPv2-MIB::sysORUpTime.5 = Timeticks: (2) 0:00:00.02
SNMPv2-MIB::sysORUpTime.6 = Timeticks: (2) 0:00:00.02
SNMPv2-MIB::sysORUpTime.7 = Timeticks: (2) 0:00:00.02
SNMPv2-MIB::sysORUpTime.8 = Timeticks: (2) 0:00:00.02
SNMPv2-MIB::sysORUpTime.9 = Timeticks: (2) 0:00:00.02
SNMPv2-MIB::sysORUpTime.10 = Timeticks: (2) 0:00:00.02
HOST-RESOURCES-MIB::hrSystemUptime.0 = Timeticks: (66957837) 7 days, 17:59:38.37
HOST-RESOURCES-MIB::hrSystemDate.0 = STRING: 2021-10-1,15:44:1.0,-3:0
HOST-RESOURCES-MIB::hrSystemInitialLoadDevice.0 = INTEGER: 393216
HOST-RESOURCES-MIB::hrSystemInitialLoadParameters.0 = STRING: "BOOT_IMAGE=/boot/vmlinuz-5.4.0-86-generic root=UUID=ef028f13-9410-4f7a-84b0-82f2c12064ef ro maybe-ubiquity
"
HOST-RESOURCES-MIB::hrSystemNumUsers.0 = Gauge32: 0
HOST-RESOURCES-MIB::hrSystemProcesses.0 = Gauge32: 203
HOST-RESOURCES-MIB::hrSystemMaxProcesses.0 = INTEGER: 0
End of MIB
root@Note-PC:/home/gabriel#
```

root@Note-PC: /home/gabriel

root@Note-PC:/home/gabriel# snmpwalk -v1 -c public pi.exehda.org SNMPv2-MIB::sysName.0

SNMPv2-MIB::sysName.0 = STRING: exehda6

root@Note-PC:/home/gabriel#



Digite aqui para pesquisar



21°C Nublado



POR
PTB2 01/10/2021

15:44

