Deliverable 1. Provide a screenshot that shows the lookup and reported hostname.

```
(champuser® kali)-[~]

$ nslookup 10.0.5.21 10.0.5.22

21.5.0.10.in-addr.arpa name = bios.shire.org.
```

```
(champuser@kali)-[~/SEC335/SEC-335/Week 5]
$ wc -l *.txt
3365 bilbo-mix.txt
19 bilbo.txt
4269 frodo-mix.txt
24 frodo.txt
4900 pippin-mix.txt
28 pippin.txt
4907 sam-mix.txt
29 sam.txt
17541 total

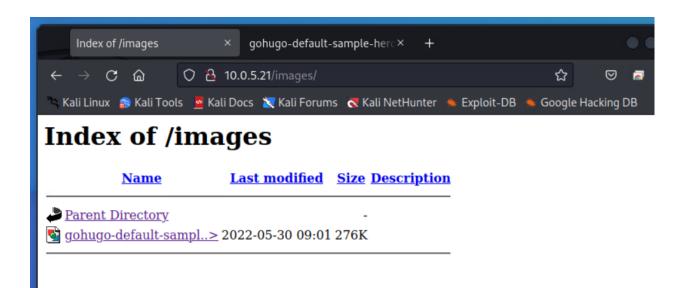
(champuser@kali)-[~/SEC335/SEC-335/Week 5]
$ $ $ $ $
```

Deliverable 2. Using what you have during the reconnaissance modules, run a scan to determine any listening tcp services to include the service versions. Provide a screenshot of both your command and results.

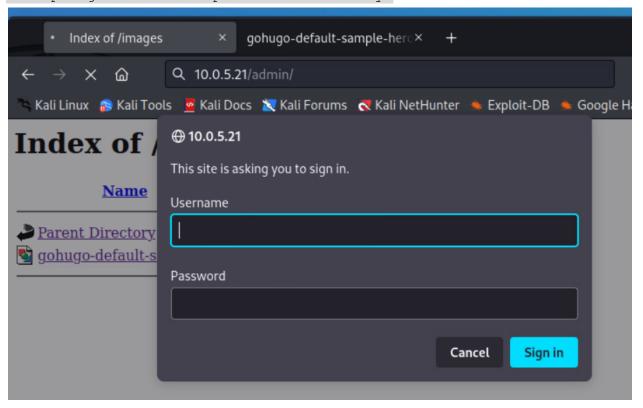
```
-(champuser®kali)-[~/SEC335/SEC-335/Week 5]
$ <u>sudo</u> nmap 10.0.5.21 -sT -0
[sudo] password for champuser:
Starting Nmap 7.93 ( https://nmap.org ) at 2023-02-15 17:34 EST
Nmap scan report for 10.0.5.21
Host is up (0.023s latency).
Not shown: 926 filtered tcp ports (no-response), 71 filtered tcp por
ts (host-unreach)
PORT STATE SERVICE
22/tcp open ssh
               http
80/tcp open
9090/tcp closed zeus-admin
Aggressive OS guesses: Linux 5.1 (98%), Linux 3.10 - 4.11 (97%), Lin
ux 3.2 - 4.9 (96%), Linux 3.16 - 4.6 (95%), Linux 2.6.32 - 3.13 (95%
), Linux 5.4 (94%), Linux 5.0 - 5.4 (94%), Linux 4.10 (93%), Linux 2
.6.22 - 2.6.36 (93%), Linux 2.6.39 (93%)
No exact OS matches for host (test conditions non-ideal).
OS detection performed. Please report any incorrect results at https
://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 76.87 seconds
  -(champuser®kali)-[~/SEC335/SEC-335/Week 5]
_$
```

Deliverable 3. Let's see if we can get a little more information on your website such as hidden directories. Research the dirb command and run it against the webserver. Turn off recursion. Provide a screenshot of anything secret you've found.

```
-(champuser@kali)-[~/SEC335/SEC-335/Week 5]
style="font-size: 150%;">$ dirb http://10.0.5.21/ /usr/share/wordlists/dirb/common.txt -r
DIRB v2.22
By The Dark Raver
START_TIME: Wed Feb 15 17:41:34 2023
URL_BASE: http://10.0.5.21/
WORDLIST_FILES: /usr/share/wordlists/dirb/common.txt
OPTION: Not Recursive
GENERATED WORDS: 4612
  — Scanning URL: http://10.0.5.21/ —
+ http://10.0.5.21/admin (CODE:401|SIZE:381)
=> DIRECTORY: http://10.0.5.21/bios/
⇒ DIRECTORY: http://10.0.5.21/categories/
+ http://10.0.5.21/cgi-bin/ (CODE:403|SIZE:199)
=> DIRECTORY: http://10.0.5.21/images/
+ http://10.0.5.21/index.html (CODE:200|SIZE:6592)
+ http://10.0.5.21/sitemap.xml (CODE:200|SIZE:929)
=> DIRECTORY: http://10.0.5.21/tags/
END_TIME: Wed Feb 15 17:41:41 2023
DOWNLOADED: 4612 - FOUND: 4
  -(champuser@kali)-[~/SEC335/SEC-335/Week 5]
```

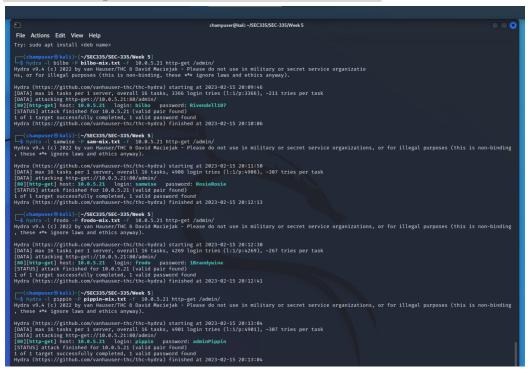


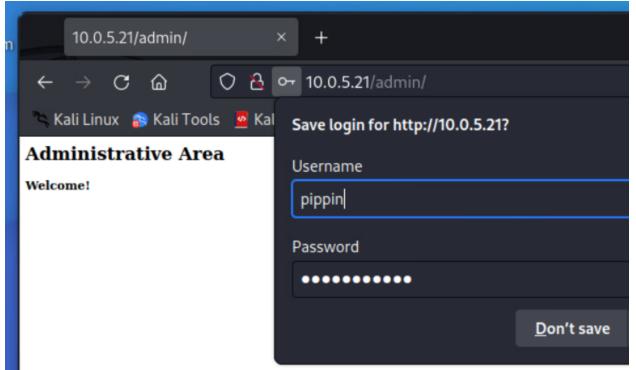
Deliverable 4. Provide a screenshot that displays a prompt when attempting to access a protected directory.

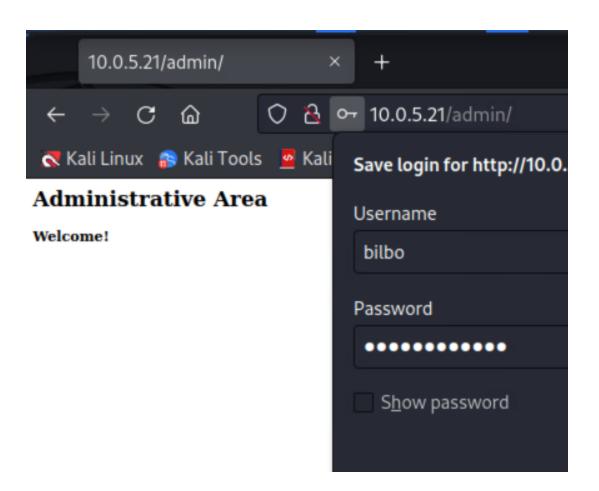


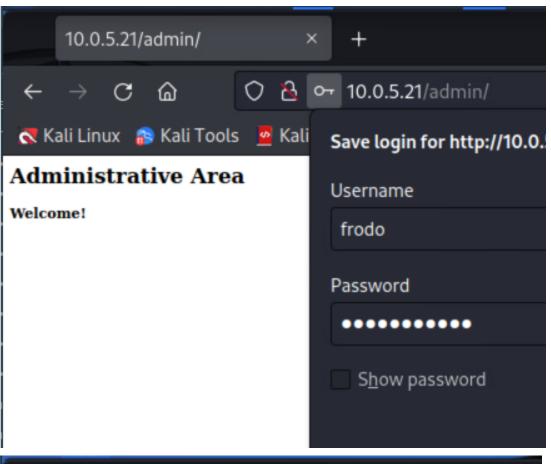
Deliverable 5. For at least 3 shire staff, bypass authentication on the protected directory using the tool of your choice. Provide screenshot(s) showing the tool execution and the guessed password.

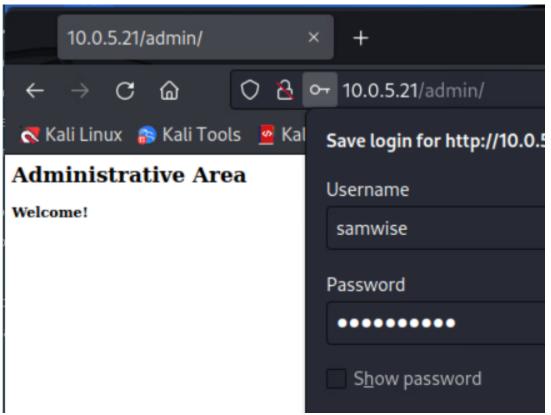
(Make sure you validate all of these work)











Deliverable 6. Submit screenshots of your tool of choice reporting successful ssh password guesses of at least 3 member's linux accounts.

