Lab11_UbuntuApacheLogs SYS-320 Ben W SP24

Deliverables:

1. Screenshot showing access to local web page



This is the default welcome page used to test the correct operation of the Apache2 server after in: Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache pack you can read this page, it means that the Apache HTTP server installed at this site is working proper replace this file (located at /var/www/html/index.html) before continuing to operate your H

If you are a normal user of this web site and don't know what this page is about, this probably mea currently unavailable due to maintenance. If the problem persists, please contact the site's adminis

Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in apache2/README.Debian.gz**. Refer to this for the full documentation. Documentation for the we be found by accessing the **manual** if the apache2-doc package was installed on this server.

The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

```
/etc/apache2/
|-- apache2.conf
| `-- ports.conf
|-- mods-enabled
| |-- *.load
```

2. Bash script and executing

```
champuser@sys320-ben:~/sys320git/BashLabs/Lab11$ ./bash access intruder.sh
<html>
        <head>
                <title>Ubuntu Apache</title>
        </head>
        <body>
                <h2>Main Page</h2>
                Other Pages<br>
                <a href="page1.html">First Page</a><br>
                <a href="page2.html">Second Page</a><br>
        </body>
</html>
<html>
        <head>
                <title>Ubuntu Apache</title>
        </head>
        <body>
                <h2>Main Page</h2>
                Other Pages<br>
                <a href="page1.html">First Page</a><br>
                <a href="page2.html">Second Page</a><br>
        </body>
</html>
<html>
        <head>
                <title>Ubuntu Apache</title>
        </head>
        <body>
                <h2>Main Page</h2>
                Other Pages<br>
                <a href="page1.html">First Page</a><br>
                <a href="page2.html">Second Page</a><br>
        </body>
</html>
<html>
```

3. Apache IP grab script

```
champuser@sys320-ben:~/sys320git/BashLabs/Lab11$ cat apacheIPGrab.sh
#! /bin/bash
file="/var/log/apache2/access.log"

result=$(cat $file | grep "page2.html " | awk '{print $1,$7}' | tr -d '/')

echo "$result"
champuser@sys320-ben:~/sys320git/BashLabs/Lab11$ ./apacheIPGrab.sh
10.0.17.37 page2.html
```

4. Pagecount script in action

```
#!/bin/bash

cat /var/log/apache2/access.log | awk '{print $7}' | sort | uniq -c

champuser@sys320-ben:~/sys320git/BashLabs/Lab11$ ./pageCount.sh

24 /

3 /favicon.ico
2 /icons/ubuntu-logo.png
1 /index.html
2 /page1.html
7 /page2.html
```

5. Github Files: https://github.com/benjamin-weatherill/SYS-320/tree/main/BashLabs/Lab11