

Lab11\_UbuntuApacheLogs  
SYS-320  
Ben W  
SP24

Deliverables:

1. Screenshot showing access to local web page



2. Bash script and executing

```
#!/bin/bash  
  
for i in {1..20}; do  
    curl localhost  
done
```

```
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>
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```
<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
10.0.17.37 page2.html
10.0.17.37 page2.html
10.0.17.37 page2.html
10.0.17.37 page2.html
10.0.17.37 page2.html
10.0.17.37 page2.html
champuser@sys320-ben:~/sys320git/BashLabs/Lab11$
```

### 4. Pagecount script in action

```
champuser@sys320-ben:~/sys320git/BashLabs/Lab11$ cat pageCount.sh
#!/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>