

Challenge

Attached to this e-mail you find the log file from an Apache2 and a NGINX Server which needs to be evaluated by status code (all 404 errors). The acceptance criteria are to get the **exact number** and **type of end points** using **regular expressions**.

.....

Go to the directory `cd /var/log/nginx`

```
awk '($9 == 404) {print "the exact number is " NR " and the type is " $6}' access.log | sort | uniq -c
```

This command will do the following:

- Use awk to search for lines that contain a 404 status code and extract the 5th field (Request method and endpoint) from those lines.
- use print "the exact number is " NR " and the type is " \$5 to print the output in the desired format
- use sort to sort the extracted endpoints
- use uniq -c to count the unique endpoints

```
awk '($9 == 404) {print "the exact number is " NR " and the type is " $6}' access.log | sort | uniq -c > ~/output.txt
```

This command will create the file output.txt in your home directory and save the output of the previous command to that file.

.....

Go to the directory `cd /var/log/apache2`

```
awk '($9 == 404) {print "the exact number is " NR " and the type is " $6}' access.log | sort | uniq -c
```

This command will do the following:

- Use awk to search for lines that contain a 404 status code and extract the 5th field (Request method and endpoint) from those lines.
- use print "the exact number is " NR " and the type is " \$5 to print the output in the desired format
- use sort to sort the extracted endpoints
- use uniq -c to count the unique endpoints

```
awk '($9 == 404) {print "the exact number is " NR " and the type is " $6}' access.log | sort | uniq -c > ~/output.txt
```

This command will create the file output.txt in your home directory and save the output of the previous command to that file.