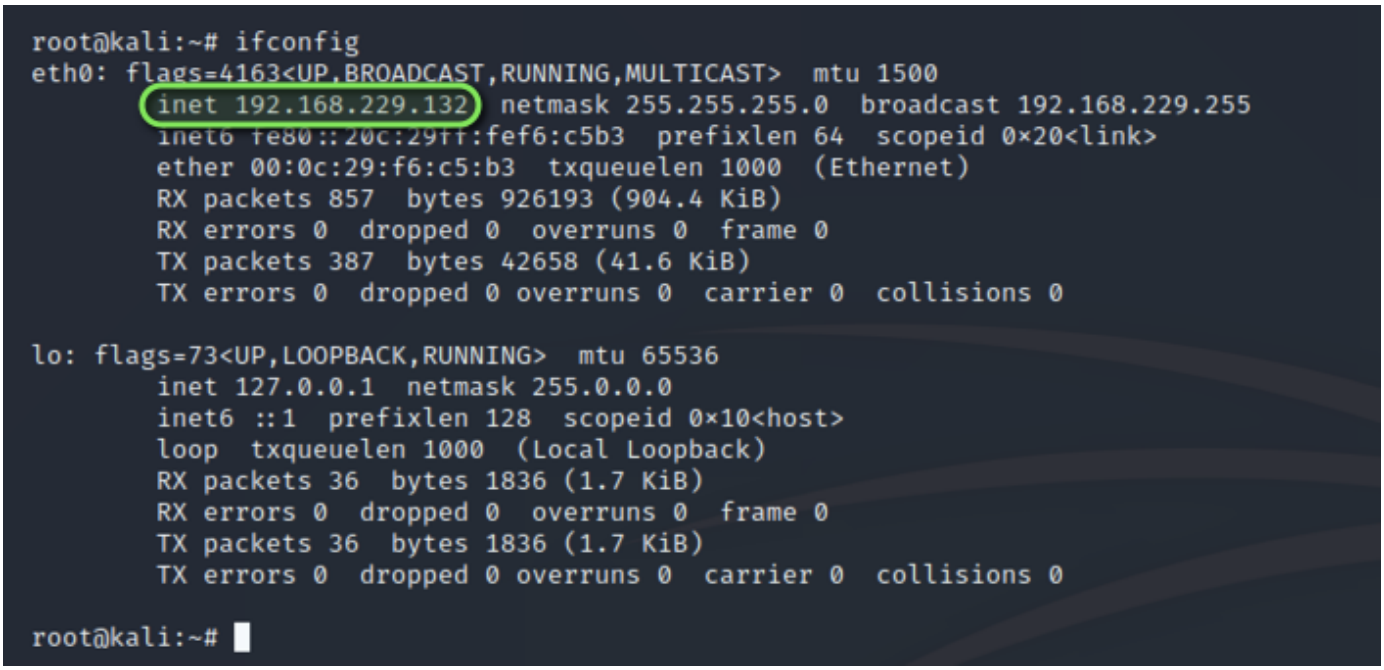
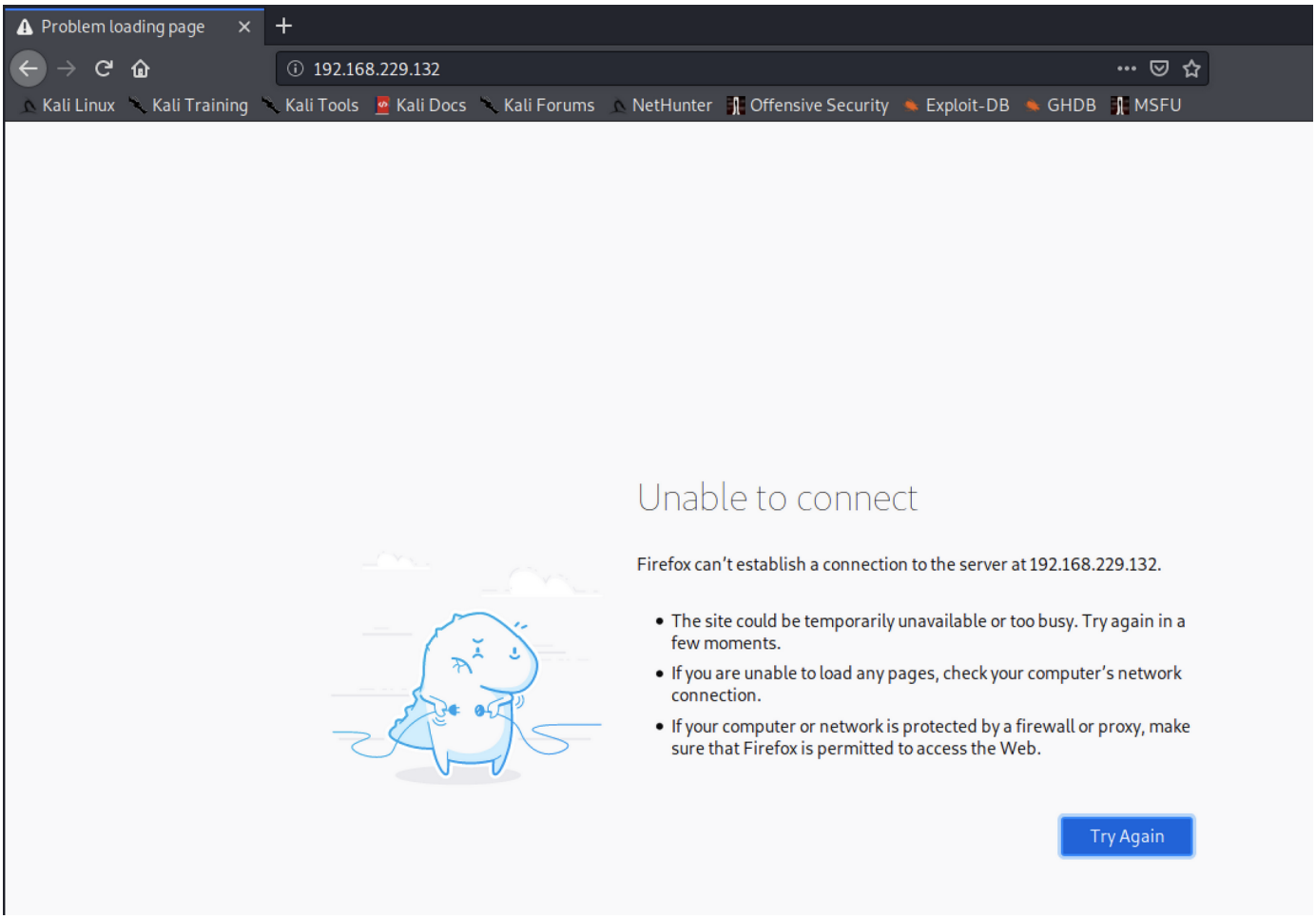
Starting and Stopping Kali Linux Services

In this example we will start the Apache Web Server service (apache2 on linux)

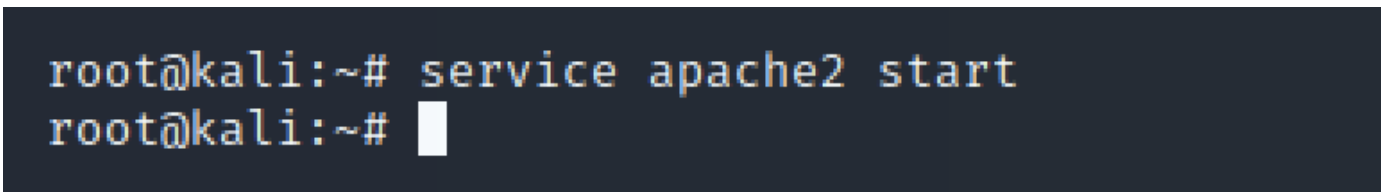
1. Before we start the service, let's test the web server IP address in a browser shown in the pictures below:

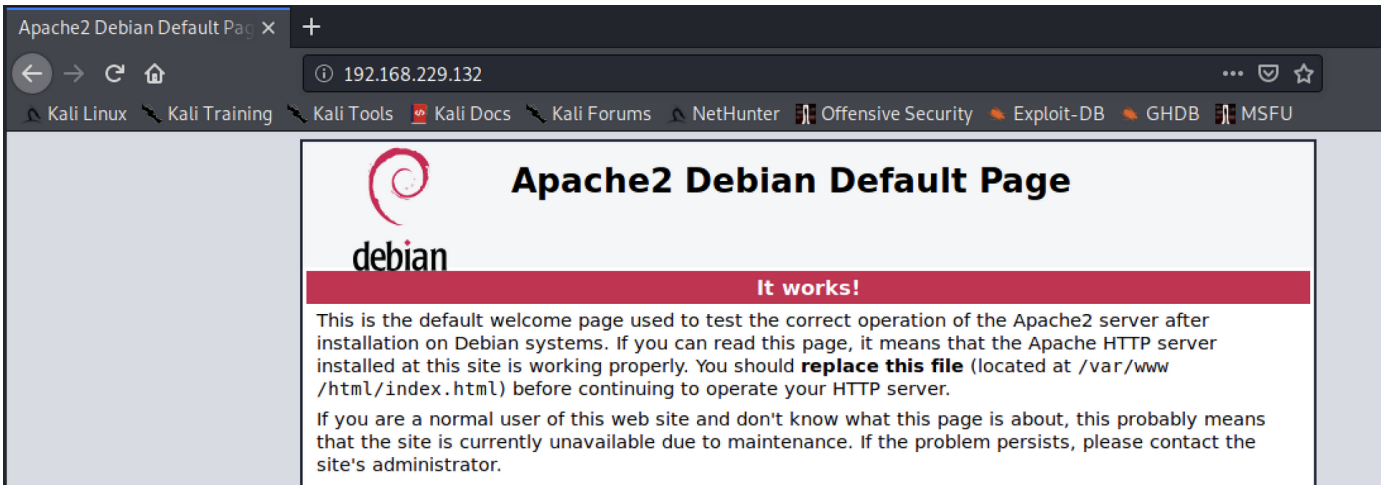




We can see that the machine using that IP address is unreachable because the web server service is disabled.

2. Let's enable the Apache2 Web Server service using the following command "`service apache2 start`":

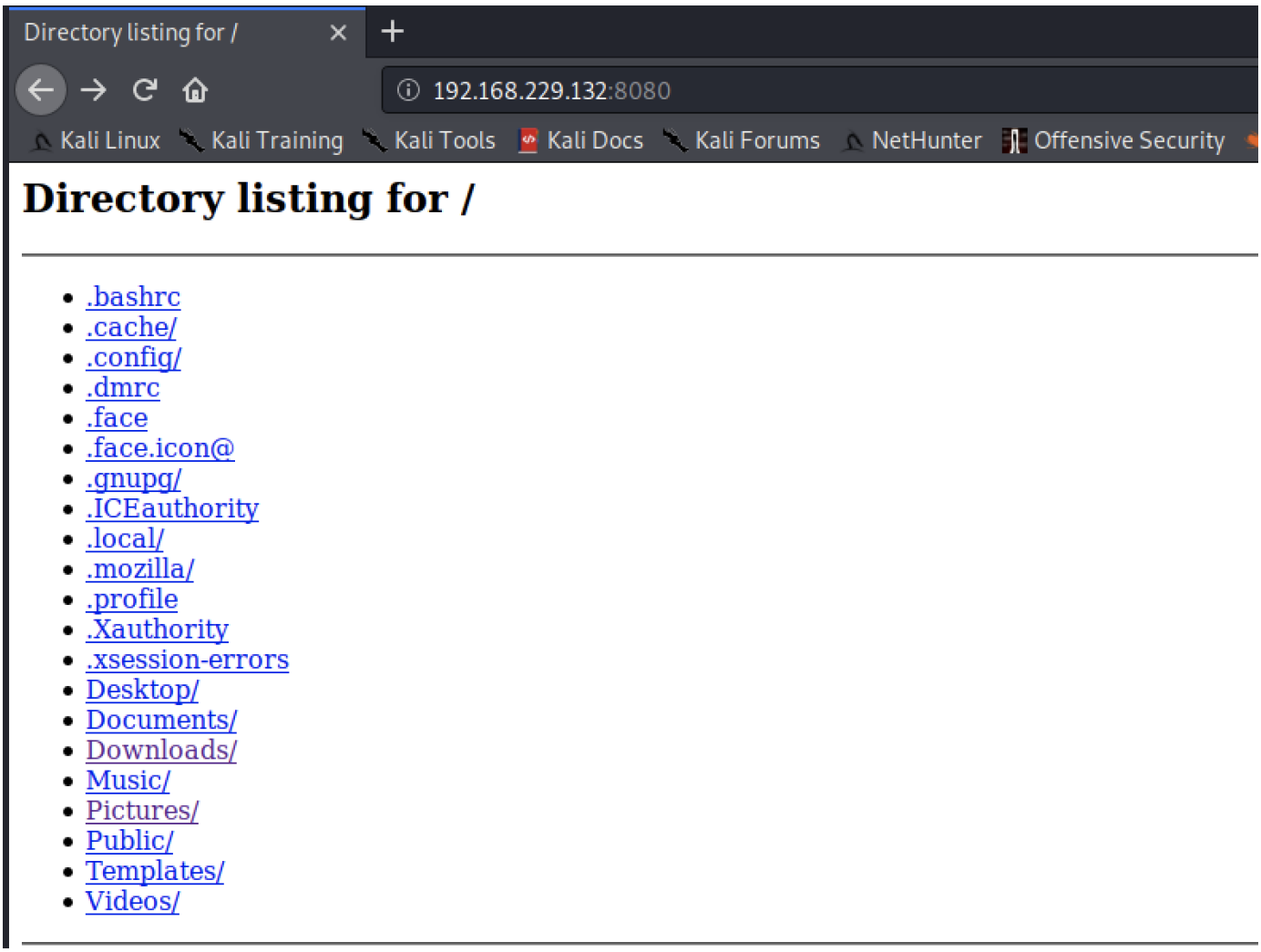




If we want to host a webpage we can go to the "`/war/www/html/`" directory.

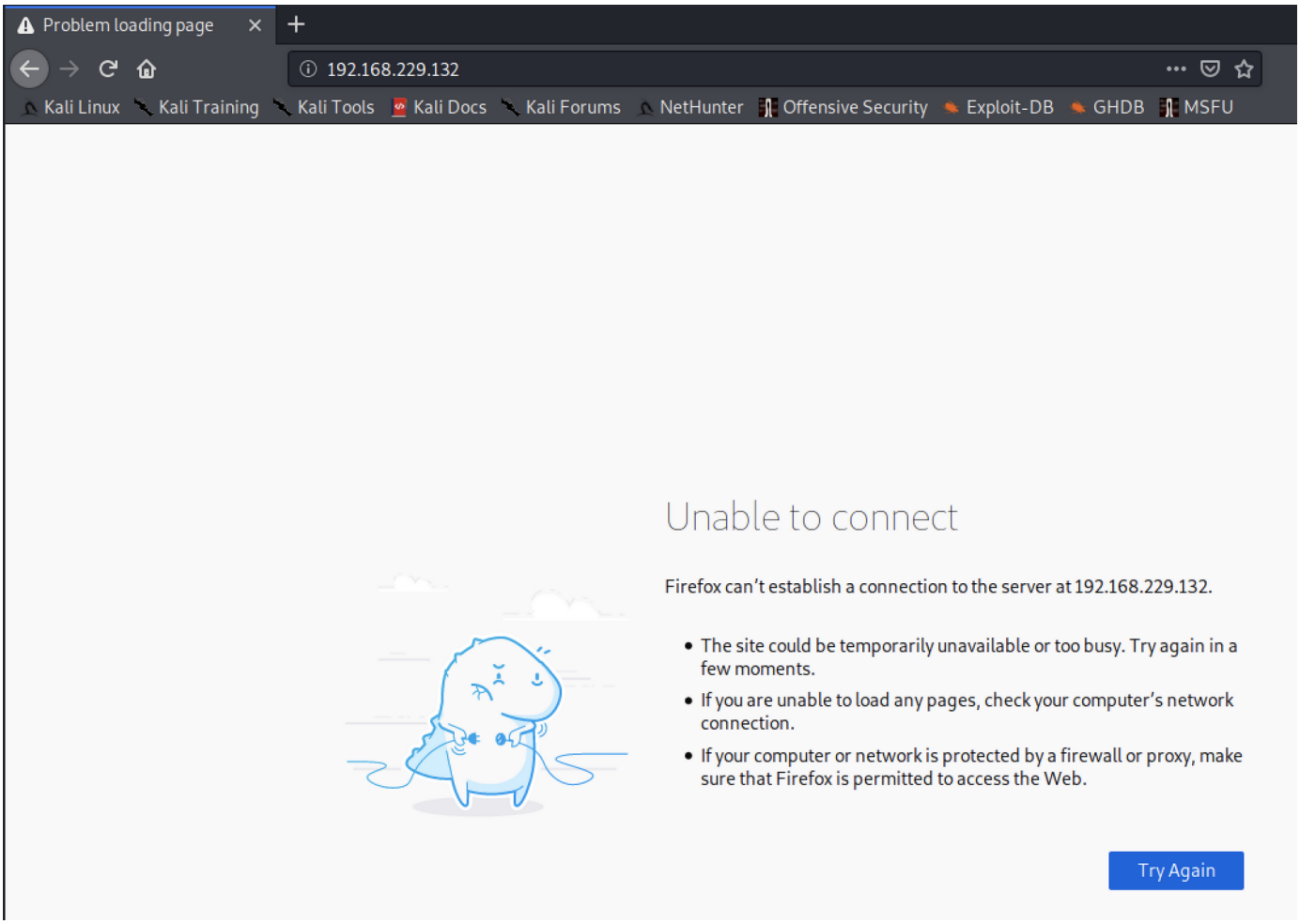
We can also spin up a Web Server using this command "`python -m SimpleHTTPServer 8080`" shown below:

```
root@kali:~# python -m SimpleHTTPServer 8080
Serving HTTP on 0.0.0.0 port 8080 ...
```



3. Let's stop the Apache2 Web Server service using the "`service apache2 stop`" command as shown below:

```
root@kali:~# service apache2 stop
root@kali:~#
```



In this example, let's try permanently enabling a service such that it starts whenever our machine boots/reboots. We will use the postgresql service:

Use the "`systemctl enable postgresql`" command shown below:

```
root@kali:~# systemctl enable postgresql
Synchronizing state of postgresql.service with SysV service script with /lib/systemd/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable postgresql
Created symlink /etc/systemd/system/multi-user.target.wants/postgresql.service → /lib/systemd/system/postgresql.service.
root@kali:~#
```