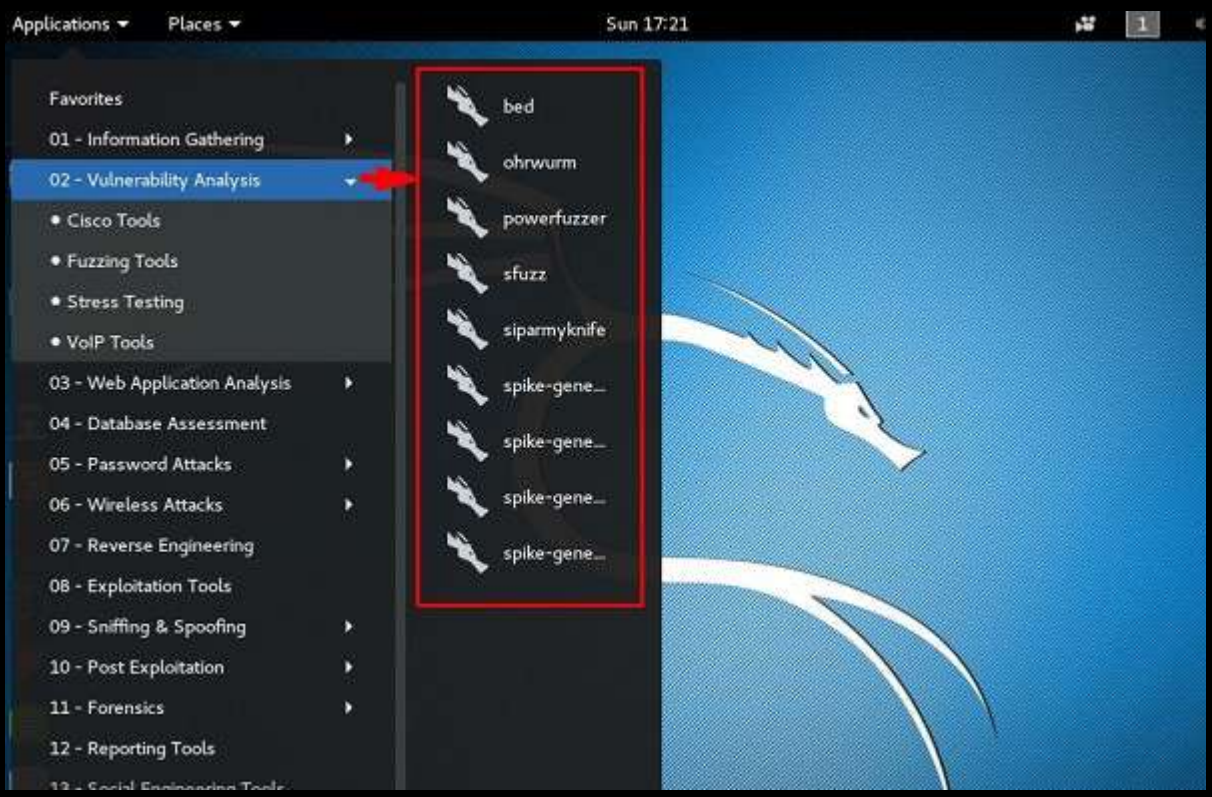
Stressing Tools

Stressing tools are used to create DoS attacks or to create the stress test for different applications so as take appropriate measures for the future.

All the Stress testing tools are found in Applications → 02-Vulnerability Analysis → Stress testing.



All Stress testing test will be done on metsploitable machine which has IP of 192.168.1.102

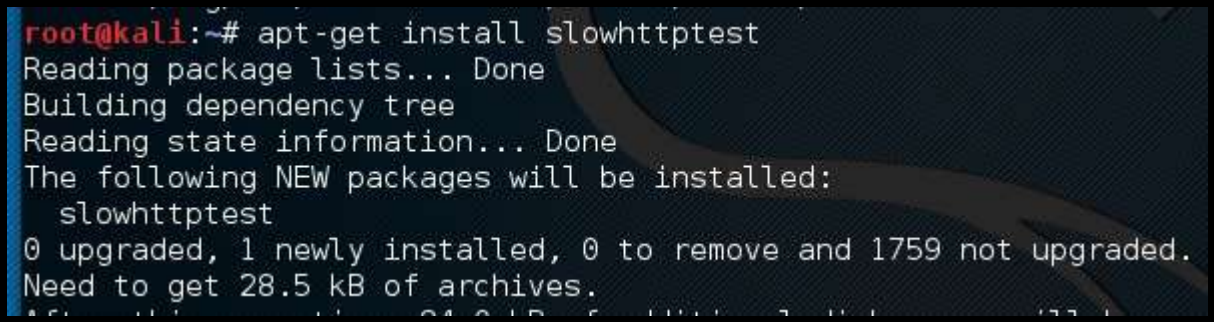
```
msfadmin@metasploitable:~$ ifconfig
eth0      Link encap:Ethernet  HWaddr 08:00:27:0c:c9:6e
          inet addr:192.168.1.102  Bcast:192.168.1.255  Mask:255.255.255.0
          inet6 addr: fe80::a00:27ff:fe0c:c96e/64 Scope:Link
```

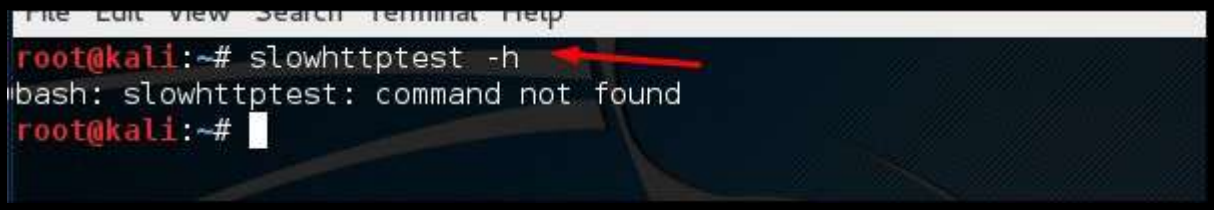
Slowhttptest

Slowhttptest is one of the DoS attacking tools. It especially uses HTTP protocol to connect with the server and to keep the resources busy such as CPU and RAM. Let's see in detail how to use it and explain its functions.

To open slowhttptest, first open the terminal and type "**slowhttptest –parameters"**.

You can type “slowhttptest –h” to see all the paramenters that you need to use. In case you receive an output, ‘Command not found’ you have to first type “**apt-get install slowhttptest”**.





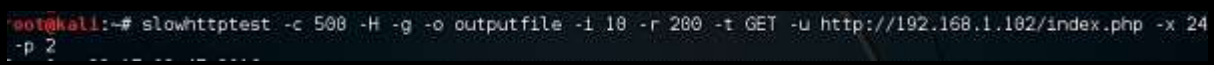
Then after installation, again type **slowhttptest –h**

Type the following command –

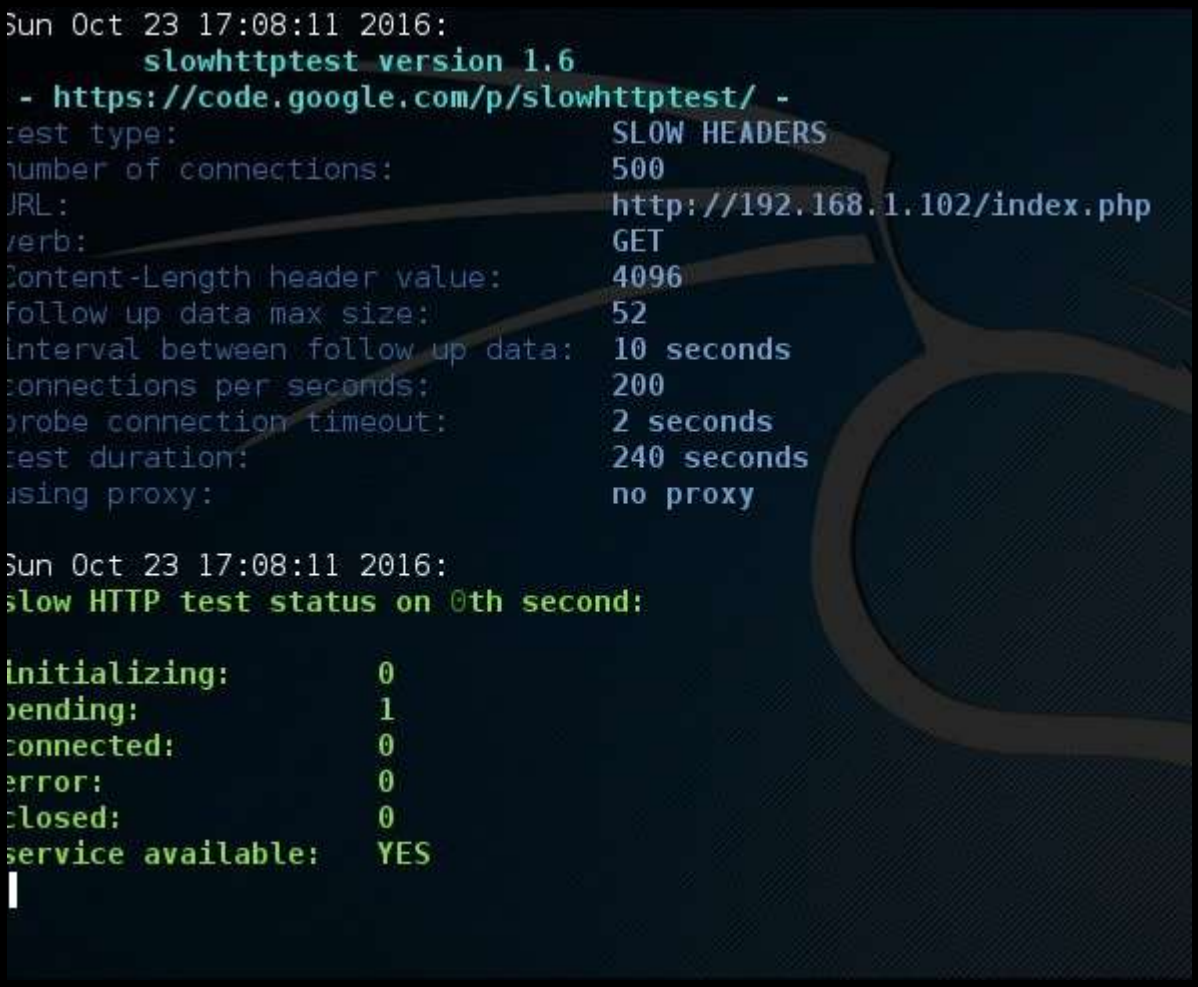
```
slowhttptest -c 500 -H -g -o outputfile -i 10 -r 200 -t GET –u
http://192.168.1.202/index.php -x 24 -p 2
```

Where,

- **(-c 500) = 500** connections
- **(-H)** = Slowloris mode
- **-g** = Generate statistics
- **-o outputfile** = Output file name
- **-i 10** = Use 10 seconds to wait for data
- **-r 200** = 200 connections with -t GET = GET requests
- **-u http://192.168.1.202/index.php** = target URL
- **-x 24** = maximum of length of 24 bytes
- **-p 2** = 2-second timeout



Once the test starts, the output will be as shown in the following screenshot, where you can notice that the service is available.



After a while, at the 287 connection the service goes down. This means that the server can handle a maximum of 287 HTTP connections.