



**INSTITUTO SUPERIOR POLITÉCNICO DE TECNOLOGIAS E CIÊNCIAS
DEPARTAMENTO DE ENGENHARIAS E TECNOLOGIAS
CURSO DE ENGENHARIA INFORMÁTICA**

REDES DE COMPUTADORES 1

Memorando

LAB 3 UM SERVIDOR WEB E CLIENTE WEB EM PYTHON

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Turma: EIN5_M2

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Comando "python webclient.py 192.168.56.21 6789 /index.html"

```
Microsoft Windows [Version 10.0.22631.4317]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\stelv\OneDrive\Documents\ISPTEC\EINF5-M2\RC1\Projects>vagrant ssh webserver
Welcome to Ubuntu 14.04.6 LTS (GNU/Linux 3.13.0-170-generic x86_64)

 * Documentation:  https://help.ubuntu.com/

System information as of Sun Nov  3 01:21:45 UTC 2024

System load:  0.0               Processes:            74
Usage of /:   3.8% of 39.34GB    Users logged in:     0
Memory usage: 50%              IP address for eth0: 10.0.2.15
Swap usage:   0%               IP address for eth1: 192.168.56.21

Graph this data and manage this system at:
https://landscape.canonical.com/

Last login: Sun Nov  3 01:21:45 2024 from 10.0.2.2
vagrant@webserver:~$ cd html
vagrant@webserver:~/html$ python webclient.py 192.168.56.21 6789 index.html
0 servidor está pronto para receber
0 servidor está pronto para receber
```

Comando telnet para o webclient.py

```
vagrant@client:~$ telnet 192.168.56.21 6789
Trying 192.168.56.21...
Connected to 192.168.56.21.
Escape character is '^]'.
HTTP/1.1 200 OK

<html>
<body>
<pre>

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 |
 |-----w
 |
 |

</pre>
</body>
</html>

Connection closed by foreign host.
```

Comando “python webserver.py”

```
Microsoft Windows [Version 10.0.22631.4317]
(c) Microsoft Corporation. Todos os direitos reservados.

C:\Users\stelv\OneDrive\Documents\ISPTEC\EINF5-M2\RC1\Projects>vagrant ssh webserver
Welcome to Ubuntu 14.04.6 LTS (GNU/Linux 3.13.0-170-generic x86_64)

* Documentation:  https://help.ubuntu.com/

System information as of Sun Nov  3 01:25:35 UTC 2024

System load:  0.0           Processes:            74
Usage of /:   3.8% of 39.34GB Users logged in:        0
Memory usage: 50%          IP address for eth0: 10.0.2.15
Swap usage:   0%           IP address for eth1: 192.168.56.21

Graph this data and manage this system at:
  https://landscape.canonical.com/

Last login: Sun Nov  3 01:25:36 2024 from 10.0.2.2
vagrant@webserver:~$ cd html
vagrant@webserver:~/html$ python webserver.py
0 servidor está pronto para receber
0 servidor está pronto para receber
```

Comando telnet para o webserver.py

```
vagrant@client:~$ telnet 192.168.56.21 6789
Trying 192.168.56.21...
Connected to 192.168.56.21.
Escape character is '^['.
HTTP/1.1 200 OK

<html>
<body>
<pre>

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 |      ^__^      |
 |      (oo)\_____|
 |      (__)\       )\/\
 |              ||----w |
 |              ||     ||


```

</pre>
</body>
</html>

Connection closed by foreign host.

OBS: Por falta de habilidades minhas, não foi possível executar o wireshark, e isso fez com que eu não conseguisse os resultados da ferramenta wireshark e entregar o ponto 6 e 7.