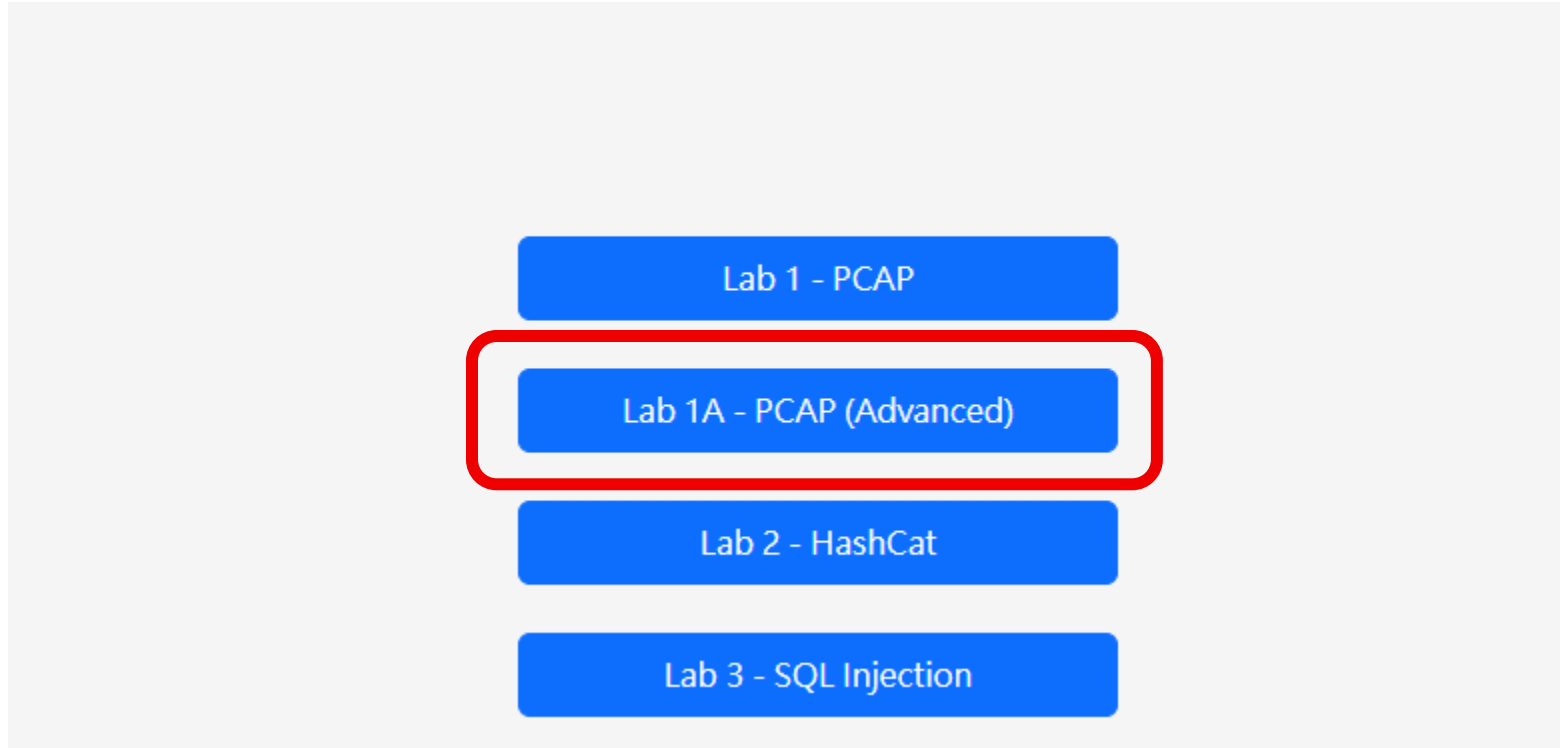


Lancaster University

Network Security Lab 01a Instruction

0. Open Lancaster.waynechiu.cc



1. View the PCAP file

You may try to connect to the server,
but please do not vandalize it!

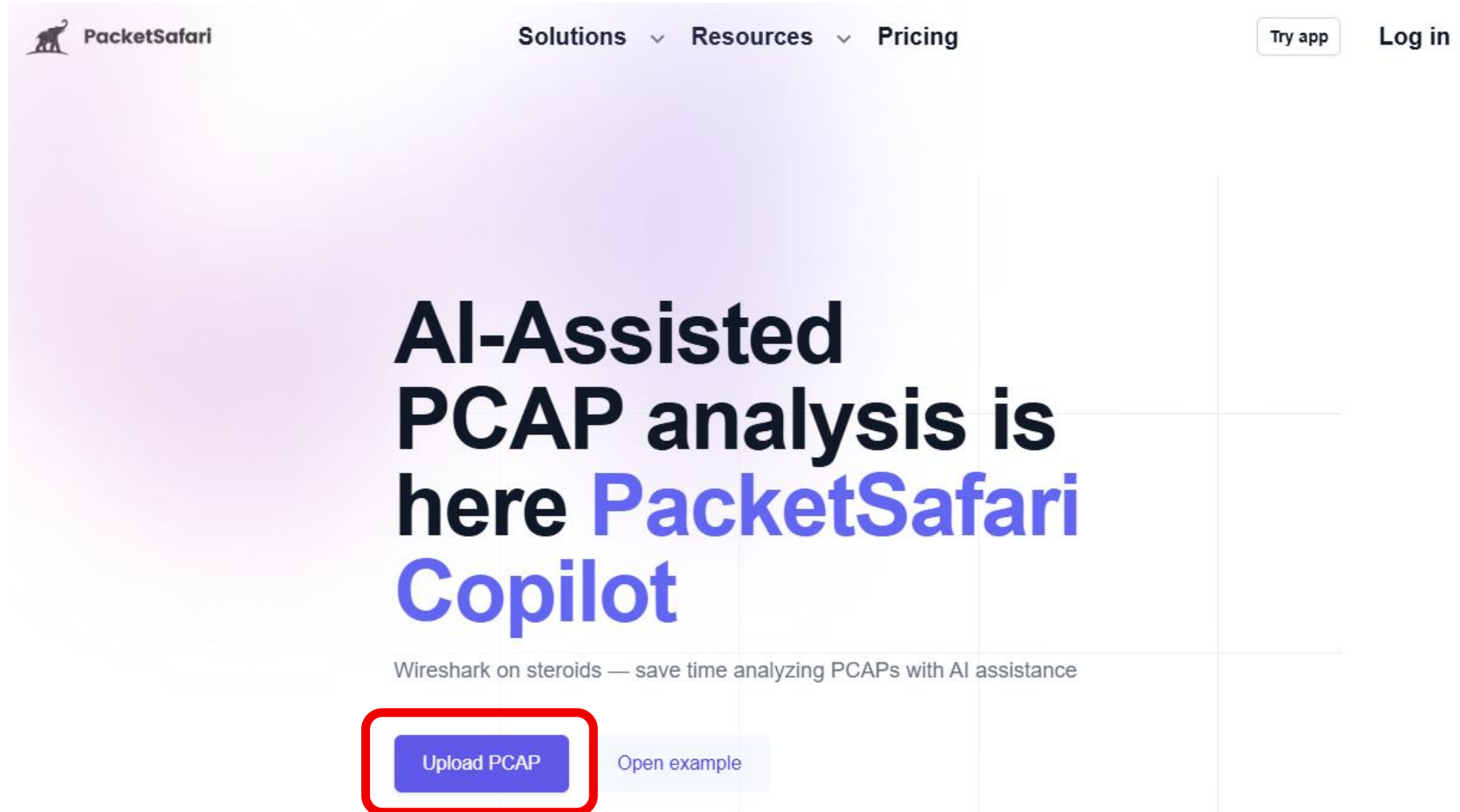
[Download PCAP file for this lab.](#)

[PuTTY - A SSH/TELNET Client For
Windows](#)

If you are running -nix system, install
TELNET.

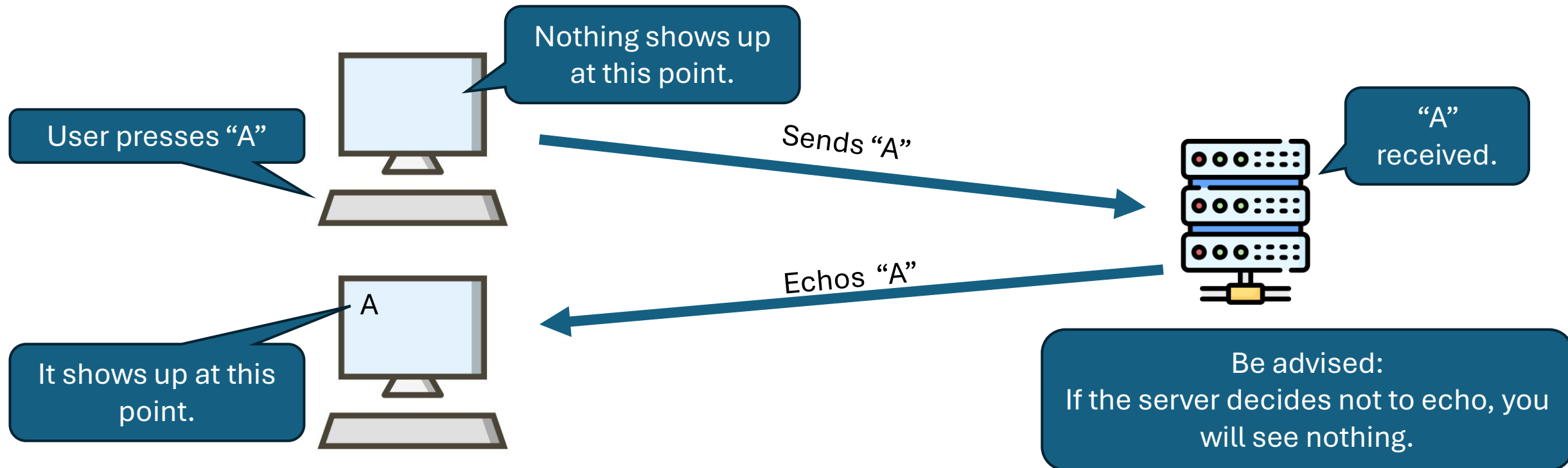
[I need instructions.](#)

1a. Packet Safari (If there is no Wireshark)



2. Do some readings about TELNET

- Hints:
 - TELNET is very primitive TCP protocol
 - TELNET client's **display respects whatever server sends to it**
 - (That means, the server needs to echo what you've typed on the client console before you can see it, including control characters.)

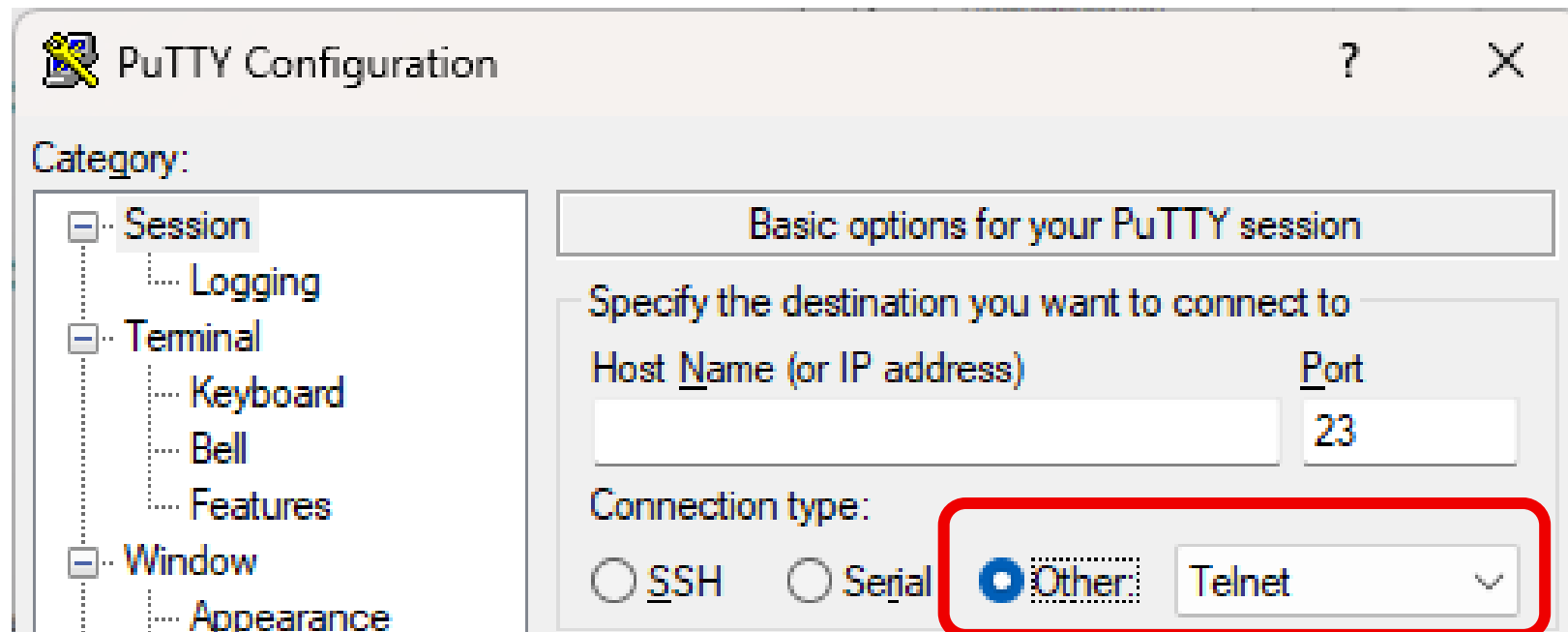


3. Hints

- What is the machine these connections are reaching to?
- What is the port number these connections reached?
- What are the USERNAMES they typed in?
- What are the PASSWORDs they typed in?

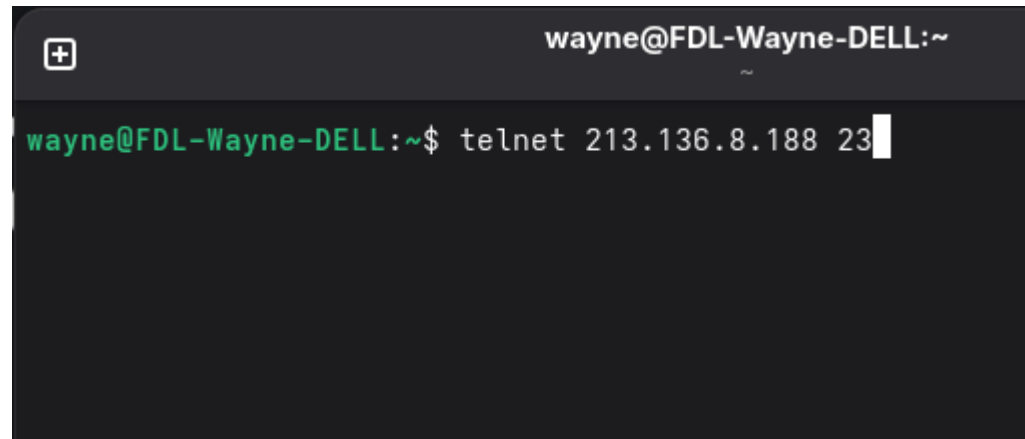
4. PuTTY

- If you are running on Windows without administrative rights, this is a useful tool:



5. –Nix (Linux and Unix-like)

- Usually, the **tool telnet is usually built-in** within the operating system:
 - Open your terminal program
 - Command: telnet <ip> <port>
 - Example:

A screenshot of a terminal window with a dark background. The title bar at the top shows a window icon and the text 'wayne@FDL-Wayne-DELL:~'. The terminal content shows the prompt 'wayne@FDL-Wayne-DELL:~\$' followed by the command 'telnet 213.136.8.188 23'. A white cursor is positioned at the end of the command.

```
wayne@FDL-Wayne-DELL:~$ telnet 213.136.8.188 23
```

5. If your –Nix system does not have telnet.

1

[Packet Safari - Wireshark-In-A-Page](#)

[PuTTY - A SSH/TELNET Client For Windows](#)

If you are running -nix system, install TELNET.

[telnet_client - A Standalone Simple TELNET Client for Linux/Unix](#)

[I need instructions.](#)

Right click and save the file.

2

```
wayne@FDL-Wayne-DELL:~/下载
~/下载
wayne@FDL-Wayne-DELL:~/下载$ gcc -o ./telnet_client ./telnet_client.c
wayne@FDL-Wayne-DELL:~/下载$
```

`gcc -o ./telnet_client ./telnet_client.c`

Compile the source code within the directory

3

```
wayne@FDL-Wayne-DELL:~/下载
~/下载
wayne@FDL-Wayne-DELL:~/下载$ ./telnet_client
Usage: ./telnet_client [IPv4-address] [port]
wayne@FDL-Wayne-DELL:~/下载$ ./telnet_client 213.136.8.188 23
```

`./telnet_client [ipv4] [port]`

Connect the server with compiled program