

Misc

(100) Poeta Errante Chronicles

The challenge turned out to be a text-based adventure game with some riddles scattered here and there.

After some time spent reading the engaging lore and making difficult choices, we are presented with a large hexdump. Decoding the hexdump gave us a unicode string, which after printing turned out to be a QR code:



The code decoded to the following text:

Ludovico Arrosto
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```
Via Vittorio Emanuele II, 21  
Firenze  
Italy  
l.arrosto@pacademy.com
```

After sending the address `Via Vittorio Emanuele II, 21` to the server and pushing the story forward, we were presented with the next riddle:

```
3871    1 correct digit and in right position  
4170    1 correct digit and in wrong position  
5028    2 correct digits and in right position  
7526    1 correct digit and in right position  
8350    2 correct digits and in wrong position
```

After some fiddling around, we managed to get the code satisfying all 5 conditions: `3029`.

Finally, we were presented with a hex dump of a packet capture. Importing it in the wireshark, we can notice a TCP exchange. Each packet contained exactly one byte and the first few were matching the flag prefix.

Some packets were retransmitted, therefore bytes presents in the capture were in the wrong order. After ordering the bytes by the packet's sequence number, we got a flag that got accepted by the server: `{FLG:i7430prrn33743<}`