Statement

The space-time coordinates bring R-boy to Florence in 1320 AD. Zer0 has just stolen the unpublished version of the "Divine Comedy" from its real author, the "Wandering Poet", giving it to his evil brother, Dante.

Help the "Wandering Poet" recover his opera and let the whole world discover the truth.

Pswd: PoetaErrantelsMyHero!

gamebox1.reply.it, port 1320, Pwd: PoetaErrantelsMyHero!

Points: 100 Category: Misc

Solution ahead, if you don't want spoilers don't scroll!

Solution

First of all connect to the challenge with IP port and password given by the challenge statement.

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nc gamebox1.reply.it 1320
Password: PoetaErranteIsMyHero!
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Checking if the time machine doors are closed... OK
Checking fuel level... OK
Setting spacetime coordinates... OK
BI-BOP... BIP! BIP!
... Time machine ready for take off!
5... 4... 3... 2... 1... GO!
Welcome to 1320!
Thanks for riding Zer0's time machine by Zer0 Inc. Have a good stay!
 / ____/ /_ ____ (_)____/ /__
       Welcome to Poeta Errante Chronicles! v1.0
[Press Enter to start]
Welcome! This is a little text based game. You will experience a fantastic
adventure, so brace yourself and go for it!
During your adventure the game will ask you to make several decisions! The
format of the questions is the following:
This is an example question. Easy, right? [yes, no]:
You will have to choice an answer among those in [ and ]. The answers are not
That's all! When you are ready, press Enter to start your adventure
The time travel has worked. Now you are in Florence during the year 1320. Yay!
You are in a crossroad. There are a few people. If you listen carefully you
can hear some noise come from north.
Where do you want to go? [north, south, east, west]:
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Here we have to decide were we want to go. The right answer is 'north', i've found this by pure guessing but we could have figuered this out pretty quickly since othere directions are not allowed. You will be prompted several times during this challenge but there is always only one way.

You start to walking following the noise you hear. Step by step you can distinguish better this sound: it's a crowd! You continue to walk, until you arrive at the market town of Florence. There are a lot of people, from merchants to playing kids, and you feel disoriented by the mess than there is. Among all people there is a man who is screaming, ignored by all. What do you want to do? [go to screaming man, stand still]: go to screaming man You approach the screaming man and start listening to him: "HELP! My greatest work has been stolen from me! Someone help me! Please!". Other people seem not to believe him: "Shut up! You idiot! We're sick of your The man notes you, and grab your clothes asking your help: "Please help me! I am the Poeta Errante, and my Divina Commedia disappeared! I found this in its You note a piece of paper in the hand of the Poeta Errante, and what is written on it can not belong to this epoch! Maybe it's the work of ZerO... What do you want to do? [help poeta errante, go away]: help poeta errante "Thank you! Thank you so much! Please, come with me!" The Poeta Errante grabs your arm and start to walk. After a few minutes you arrive in front of a house. "This is where i live. Please, enter" You enter the Poeta Errante's house. "Look! This is the proof that i am not lying!" The Poeta Errante gives you some sheets of paper. You look at them and you note that they are drafts of the Divina Commedia! And on each sheet there is a Poeta Errante's sign! You are astonished, and you ask the Poeta Errante to give you more informations... He answers: "I have a brother named Dante. He is always been better than me, but with the Divina Commedia i would have surpassed him. So he stole it in order to stop me! I have to go to Ludovico Arrosto, the president of Poetry Academy, to tell him all the story! Do you know where is he?" You don't know where Ludovico Arrosto is, but you are interested to what the Poeta Errante found in place of the Divina Commedia. He gives it to you. What do you want to do? [check piece of paper, trash piece of paper]: check piece of paper ~* DOCUMENT *~

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```

We get this strange document. At first we didn't know what to do then we tried decoding it as it looked like hexdata. To decode the content we used the following python3 code.

```
#!/usr/bin/python3
with open("document.txt", "r") as f:
    data = f.read()
    data = data.replace("\n", "")
    print(bytearray.fromhex(data).decode())
```

If you run this code a "qr code" will be printed to the console.



Now we need to read the text inside this qr code. To read the content we used a decoder we found online.

ZXing Decoder Online

Decode a 1D or 2D barcode from an image on the web. Supported formats include: This web application is powered by the barcode scanning implementation in the open source ZXing project. Android users may download the Barcode Scanner or Barcode Scanner+ application to access the same decoding as a mobile application.

https://zxing.org/w/decode.jspx

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

We now know Ludovico Arrosto's address. We can now go on with the challenge.

```
"Where are we going?": Via Vittorio Emanuele II, 21
"You know where Ludovico Arrosto lives? Great! Let's go!"
You and the Poeta Errante leave the house and start walking in the direction of
Ludovico Arrosto's mansion...
You and the Poeta Errante arrive at Ludovico Arrosto's house. At a first glance
no one seems to be home.
What do you want to do? [knock the door, look around]: look around
You found the mailbox of Ludovico Arrosto's house. Since the president of
Poetry Academy isn't at home at the moment, you could leave a letter.
What do you want to do? [open mailbox]: open mailbox
In order to open the mailbox you have to guess the 4 digits code (each position
could contain a number from 0 to 9), given the following evidences:
      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
     2 correct digits and in wrong position
8350
Insert the code:
```

Knowing this information we can easily crack the code and we find out that the code to open the mailbox is 3029.

```
Insert the code: 3029
The mailbox opens!
You ask to the Poeta Errante to write his indictment letter...
"Ha-ha, leave it to me! Not surprisingly i am a poet!"
The Poeta Errante write his letter, and insert it in the mailbox.
"Thank you again! Let's see what happens tomorrow. You can sleep in my house
tonight, you deserve it!"
You have a strange feeling, the history you know did not turn out this way..
You return to the Poeta Errante's house, spend the evening there until you fall
asleep... [Press Enter to continue]
Zzz... Zzz... Zzz...
You wake up with a start in the middle of the night. You are sweaty...
You get up to drink a glass of water. The Poeta Errante is still sleeping % \left\{ 1,2,\ldots ,n\right\}
What do you want to do? [go to bed, save the history]: save the history
You decide to return to Ludovico Arrosto's house to destroy the letter of the
Poeta Errante. Even if he is the real author of the Divina Commedia, in the
history you know Dante is known as the poet who written it.
You arrive in front of the mailbox. You open it and found the letter.
What do you want to do? [destroy letter, return home]: return home
So, why are you came here?
What do you want to do? [destroy letter, return home]: destroy letter
Are you sure? [yes, no]: yes
Really? [yes, no]: yes
You rag the letter in thousand of pieces, and throw them around so no one
```

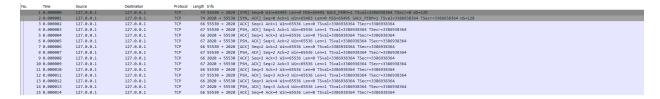
```
can find them. Then you return to the Poeta Errante's house to sleep...
[Press Enter to continue]
You wake up the next day, at dawn, and your mood is not the best. You and the
Poeta Errante decide to go to the market town, to hear if there is any news
about the letter. Once arrived you note that there is a minsterl in the center
of the square. What he says leaves no doubt:
"Dante annouces his next opera! The Divina Commedia!"
"Dante annouces his next opera! The Divina Commedia!"
The Poeta Errante does not understand what is going on...
What do you want to do? [hug poeta errante, do nothing]: hug poeta errante
The Poeta Errante runs away, until he disappears from your sight. You have done
your duty, and now it's time to leave. In this epoch you did not find Zer0.
You return to Zer0's time machine you used to travel up here, but the spacetime
coordinates are all wrong. What a mess! Someone touched this machine when you
were with the Poeta Errante! There is the instructions manual opened on a
particular page and a little folded piece of paper.
Do you want to open it? [yes, no]: yes
This communication method is something never seen in this epoch. It's not really
like sending a big, whole, message, but, instead, dived it in little p...ieces,
and send them one at time...
Do you want to return to the present? SOLVE THIS RIDDLE! AH AH!
0010 00 3c f3 8c 40 00 40 06 49 2d 7f 00 00 01 7f 00 .<..@.@.I-.....
                                                .....i......
0020 00 01 d8 ea 07 e4 9a 69 bd 1a 00 00 00 00 a0 02
0030 ff d7 fe 30 00 00 02 04 ff d7 04 02 08 0a c9 e0 ...0......
0040 93 fc 00 00 00 00 01 03 03 07
0010 00 3c 00 00 40 00 40 06 3c ba 7f 00 00 01 7f 00
                                                .<..@.@.<.....
0020 00 01 07 e4 d8 ea fc 0b 0a b3 9a 69 bd 1b a0 12
                                                ....i....i
0030 ff cb fe 30 00 00 02 04 ff d7 04 02 08 0a c9 e0
                                                . . . 0 . . . . . . . . . . . .
0040 93 fc c9 e0 93 fc 01 03 03 07
0010 00 34 f3 8d 40 00 40 06 49 34 7f 00 00 01 7f 00
                                                .4..@.@.I4.....
0020 00 01 d8 ea 07 e4 9a 69 bd 1b fc 0b 0a b4 80 10
                                                .....i.....
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fc c9 e0
                                                . . . ( . . . . . . . . . . . .
0040
    93 fc
0010 00 35 f3 8e 40 00 40 06 49 32 7f 00 00 01 7f 00
                                                .5..@.@.12.....
0020 00 01 d8 ea 07 e4 9a 69 bd 1b fc 0b 0a b4 80 18
                                                .....i...i....
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fc c9 e0
                                                . . . ) . . . . . . . . . . . .
....E.
0010 00 34 f7 b9 40 00 40 06 45 08 7f 00 00 01 7f 00
                                                .4..@.@.E....
0020 00 01 07 e4 d8 ea fc 0b 0a b4 9a 69 bd 1c 80 10
                                                0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fc c9 e0
                                                . . . ( . . . . . . . . . . . .
0040 93 fc
0010 00 35 f7 ba 40 00 40 06 45 06 7f 00 00 01 7f 00
                                                .5..@.@.E.....
0020 00 01 07 e4 d8 ea fc 0b 0a b4 9a 69 bd 1c 80 18
                                                ....i....
                                                ...).......
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fc c9 e0
                                                . . F
0040 93 fc 46
..............E.
0010 00 34 f3 8f 40 00 40 06 49 32 7f 00 00 01 7f 00
                                                .4..@.@.I2.....
0020 00 01 d8 ea 07 e4 9a 69 bd 1c fc 0b 0a b5 80 10
                                                ....i....
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fc c9 e0
0040 93 fc
0010 00 35 f3 90 40 00 40 06 49 30 7f 00 00 01 7f 00
                                                .5..@.@.IO.....
0020 00 01 d8 ea 07 e4 9a 69 bd 1c fc 0b 0a b5 80 18
                                                .....i.....
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fc c9 e0
                                                . . . ) . . . . . . . . . . . . . . .
0040 93 fc 4c
....E.
0010 00 34 f7 bb 40 00 40 06 45 06 7f 00 00 01 7f 00
                                                .4..@.@.E.....
0020 00 01 07 e4 d8 ea fc 0b 0a b5 9a 69 bd 1d 80 10
                                                ....i....i
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fc c9 e0
                                                . . . ( . . . . . . . . . . . .
```

```
0010 00 35 f7 bc 40 00 40 06 45 04 7f 00 00 01 7f 00
                                           .5..@.@.E.....
0020 00 01 07 e4 d8 ea fc 0b 0a b5 9a 69 bd 1d 80 18
                                           ....i....i
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fc c9 e0
0040 93 fc 47
0010 00 34 f3 91 40 00 40 06 49 30 7f 00 00 01 7f 00
                                           .4..@.@.IO.....
0020 00 01 d8 ea 07 e4 9a 69 bd 1d fc 0b 0a b6 80 10
                                           .....i......
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fc c9 e0
                                           . . . ( . . . . . . . . . . . .
0040
    93 fc
0010 00 35 f3 92 40 00 40 06 49 2e 7f 00 00 01 7f 00
                                           .5..@.@.I.....
0020 00 01 d8 ea 07 e4 9a 69 bd 1d fc 0b 0a b6 80 18
                                           .....i....
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fc c9 e0
                                           . . . ) . . . . . . . . . . . .
0040 93 fc 3a
....E.
0010 00 34 f7 bd 40 00 40 06 45 04 7f 00 00 01 7f 00
                                           .4..@.@.E.....
0020 00 01 07 e4 d8 ea fc 0b 0a b6 9a 69 bd 1e 80 10
                                           0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fc c9 e0
                                           . . . ( . . . . . . . . . . . .
0040 93 fc
0010 00 35 f7 be 40 00 40 06 45 02 7f 00 00 01 7f 00
                                           .5..@.@.E.....
0020 00 01 07 e4 d8 ea fc 0b 0a b6 9a 69 bd 1e 80 18
                                           ....i....
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fc c9 e0
0040 93 fc 69
....E.
                                           .4..@.@.I.....
0010 00 34 f3 93 40 00 40 06 49 2e 7f 00 00 01 7f 00
0020 00 01 d8 ea 07 e4 9a 69 bd 1e fc 0b 0a b7 80 10
                                           .....i.....
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fc c9 e0
0040 93 fc
0010 00 35 f3 94 40 00 40 06 49 2c 7f 00 00 01 7f 00
                                            .5..@.@.I,.....
0020 00 01 d8 ea 07 e4 9a 69 bd 1e fc 0b 0a b7 80 18
                                           .....i.....
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                           . . . ) . . . . . . . . . . . . . . .
0040 93 fc 37
00 34 f7 bf 40 00 40 06 45 02 7f 00 00 01 7f 00
                                           .4..@.@.E.....
0020 00 01 07 e4 d8 ea fc 0b 0a b7 9a 69 bd 1f 80 10
                                           ....i...i
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                           ...(..........
....E.
0010 00 35 f7 c0 40 00 40 06 45 00 7f 00 00 01 7f 00
                                           .5..@.@.E....
0020 00 01 07 e4 d8 ea fc 0b 0a b7 9a 69 bd 1f 80 18
                                           ....i....i...
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                           . . . ) . . . . . . . . . . . .
0040 93 fd 34
0010 00 34 f3 95 40 00 40 06 49 2c 7f 00 00 01 7f 00
                                           .4..@.@.I,....
0020 00 01 d8 ea 07 e4 9a 69 bd 1f fc 0b 0a b8 80 10
                                           .....i.....
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                           ...(..........
0040 93 fd
.5..@.@.I*....
0010 00 35 f3 96 40 00 40 06 49 2a 7f 00 00 01 7f 00
0020 00 01 d8 ea 07 e4 9a 69 bd 1f fc 0b 0a b8 80 18
                                           .....i.....
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                           ...)........
                                            . . 3
0040 93 fd 33
0010 00 35 f3 9e 40 00 40 06 49 22 7f 00 00 01 7f 00
                                           .5..@.@.I".....
0020 00 01 d8 ea 07 e4 9a 69 bd 23 fc 0b 0a bc 80 18
                                           .....i.#.....
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fd c9 e0
0040 93 fd 37
0010 00 34 f7 c1 40 00 40 06 45 00 7f 00 00 01 7f 00
                                           .4..@.@.E.....
    00 01 07 e4 d8 ea fc 0b 0a b8 9a 69 bd 20 80 10
                                           ....i. ..
0020
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                           . . . ( . . . . . . . . . . . .
0040
    93 fd
0010 00 35 f7 c2 40 00 40 06 44 fe 7f 00 00 01 7f 00 .5..@.@.D......
```

```
0020 00 01 07 e4 d8 ea fc 0b 0a b8 9a 69 bd 20 80 18 .....i.
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                             . . . ) . . . . . . . . . . . .
0040 93 fd 30
0010 00 34 f3 97 40 00 40 06 49 2a 7f 00 00 01 7f 00
                                             .4..@.@.I*.....
0020 00 01 d8 ea 07 e4 9a 69 bd 20 fc 0b 0a b9 80 10
                                             .....i. ......
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fd c9 e0
0040 93 fd
00 35 f3 98 40 00 40 06 49 28 7f 00 00 01 7f 00
0010
                                             .5..@.@.I(.....
0020 00 01 d8 ea 07 e4 9a 69 bd 20 fc 0b 0a b9 80 18
                                             .....i. .....
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                             . . . ) . . . . . . . . . . . .
0010 00 34 f7 c3 40 00 40 06 44 fe 7f 00 00 01 7f 00
                                             .4..@.@.D.....
0020 00 01 07 e4 d8 ea fc 0b 0a b9 9a 69 bd 21 80 10
                                             ....i.!..
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                             ...(..........
0040 93 fd
0010 00 35 f7 c4 40 00 40 06 44 fc 7f 00 00 01 7f 00
                                             .5..@.@.D.....
0020 00 01 07 e4 d8 ea fc 0b 0a b9 9a 69 bd 21 80 18
                                             ....i.!..
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                             . . . ) . . . . . . . . . . . .
0040 93 fd 72
.4..@.@.I(.....
0010 00 34 f3 99 40 00 40 06 49 28 7f 00 00 01 7f 00
0020 00 01 d8 ea 07 e4 9a 69 bd 21 fc 0b 0a ba 80 10
                                             .....i.!.....
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fd c9 e0
0040 93 fd
0010 00 35 f3 9a 40 00 40 06 49 26 7f 00 00 01 7f 00
                                             .5..@.@.I&.....
0020 00 01 d8 ea 07 e4 9a 69 bd 21 fc 0b 0a ba 80 18
                                             .....i.!.....
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fd c9 e0
0040 93 fd 72
0010 00 34 f7 c5 40 00 40 06 44 fc 7f 00 00 01 7f 00
                                             .4..@.@.D.....
    00 01 07 e4 d8 ea fc 0b 0a ba 9a 69 bd 22 80 10
                                             ....i."..
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                             . . . ( . . . . . . . . . . . .
0040
    93 fd
0010 00 35 f7 c6 40 00 40 06 44 fa 7f 00 00 01 7f 00
                                             .5..@.@.D.....
0020 00 01 07 e4 d8 ea fc 0b 0a ba 9a 69 bd 22 80 18
                                             ....i."..
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                             . . . ) . . . . . . . . . . . .
....E.
0010 00 34 f3 9b 40 00 40 06 49 26 7f 00 00 01 7f 00
                                             .4..@.@.I&.....
                                             .....i.".....
0020 00 01 d8 ea 07 e4 9a 69 bd 22 fc 0b 0a bb 80 10
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                             . . . ( . . . . . . . . . . . .
0040 93 fd
....E.
0010 00 35 f3 9c 40 00 40 06 49 24 7f 00 00 01 7f 00
                                             .5..@.@.I$.....
0020 00 01 d8 ea 07 e4 9a 69 bd 22 fc 0b 0a bb 80 18
                                             .....i.".....
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                             ...)........
0040 93 fd 33
                                             . . 3
. . . . . . . . . . . . . . E .
0010 00 34 f7 c7 40 00 40 06 44 fa 7f 00 00 01 7f 00
                                             .4..@.@.D.....
0020 00 01 07 e4 d8 ea fc 0b 0a bb 9a 69 bd 23 80 10
                                             ....i.#..
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fd c9 e0
0040 93 fd
0010 00 35 f7 c8 40 00 40 06 44 f8 7f 00 00 01 7f 00
                                             .5..@.@.D.....
0020 00 01 07 e4 d8 ea fc 0b 0a bb 9a 69 bd 23 80 18
                                             ....i.#..
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                             ...).......
0040 93 fd 33
00 34 f3 9d 40 00 40 06 49 24 7f 00 00 01 7f 00
                                             .4..@.@.I$.....
0020 00 01 d8 ea 07 e4 9a 69 bd 23 fc 0b 0a bc 80 10
                                             .....i.#.....
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                             . . . ( . . . . . . . . . . . .
```

```
0010 00 34 f7 c9 40 00 40 06 44 f8 7f 00 00 01 7f 00
                                           .4..@.@.D.....
0020 00 01 07 e4 d8 ea fc 0b 0a bc 9a 69 bd 24 80 10
                                           ....i.$..
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fd c9 e0
0040 93 fd
0010 00 35 f7 ca 40 00 40 06 44 f6 7f 00 00 01 7f 00
                                           .5..@.@.D.....
                                           ....i.$..
    00 01 07 e4 d8 ea fc 0b 0a bc 9a 69 bd 24 80 18
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                            ...).........
    93 fd 34
.....E.
0010 00 34 f3 9f 40 00 40 06 49 22 7f 00 00 01 7f 00
                                           .4..@.@.I".....
0020 00 01 d8 ea 07 e4 9a 69 bd 24 fc 0b 0a bd 80 10
                                            ....i.$.....
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                            . . . ( . . . . . . . . . . . .
0040 93 fd
....E.
0010 00 35 f3 a0 40 00 40 06 49 20 7f 00 00 01 7f 00
                                           .5..@.@.I .....
0020 00 01 d8 ea 07 e4 9a 69 bd 24 fc 0b 0a bd 80 18
                                           ....i.$.....
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                           . . . ) . . . . . . . . . . . .
0040 93 fd 33
                                            . . 3
0010 00 34 f7 cb 40 00 40 06 44 f6 7f 00 00 01 7f 00
                                           .4..@.@.D.....
0020 00 01 07 e4 d8 ea fc 0b 0a bd 9a 69 bd 25 80 10
                                            ....i.%..
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fd c9 e0
0040 93 fd
....E.
0010 00 35 f7 cc 40 00 40 06 44 f4 7f 00 00 01 7f 00
                                           .5..@.@.D.....
0020 00 01 07 e4 d8 ea fc 0b 0a bd 9a 69 bd 25 80 18
                                           ....i.%..
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fd c9 e0
0040 93 fd 3c
0010 00 34 f3 a1 40 00 40 06 49 20 7f 00 00 01 7f 00
                                            .4..@.@.I .....
0020 00 01 d8 ea 07 e4 9a 69 bd 25 fc 0b 0a be 80 10
                                           .....i.%.....
    02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fd c9 e0
0030
                                            ...(.........
0040 93 fd
00 35 f3 a2 40 00 40 06 49 1e 7f 00 00 01 7f 00
                                            .5..@.@.I.....
0020 00 01 d8 ea 07 e4 9a 69 bd 25 fc 0b 0a be 80 18
                                           .....i.%.....
0030 02 00 fe 29 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                           . . . ) . . . . . . . . . . . .
0010 00 34 f7 cd 40 00 40 06 44 f4 7f 00 00 01 7f 00
                                           .4..@.@.D.....
0020 00 01 07 e4 d8 ea fc 0b 0a be 9a 69 bd 26 80 10
                                           ....i.&..
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fd c9 e0
                                           . . . ( . . . . . . . . . . . .
0040 93 fd
0010 00 34 f7 ce 40 00 40 06 44 f3 7f 00 00 01 7f 00
                                           .4..@.@.D.....
0020 00 01 07 e4 d8 ea fc 0b 0a be 9a 69 bd 26 80 11
                                            ....i.&..
                                           . . . ( . . . . . . . . . . . .
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fd c9 e0
0040 93 fd
0010 00 34 f3 a3 40 00 40 06 49 1e 7f 00 00 01 7f 00
                                           .4..@.@.I.....
0020 00 01 d8 ea 07 e4 9a 69 bd 26 fc 0b 0a bf 80 11
                                           .....i.&.....
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fe c9 e0
0040 93 fd
0010 00 34 f7 cf 40 00 40 06 44 f2 7f 00 00 01 7f 00
                                           .4..@.@.D.....
0020
    00 01 07 e4 d8 ea fc 0b 0a bf 9a 69 bd 27 80 10
                                           ....i.'..
0030 02 00 fe 28 00 00 01 01 08 0a c9 e0 93 fe c9 e0
0040
    93 fe
```

Solving this riddle was pretty challenging but in the end we figured out that this was a Wireshark hex dump. We just needed to copy this data into a file and import it into Wireshark.



Now it is time to follow the TCP Stream, to do this Right Click and then click on Follow TCP Stream.



This is it! Or is it?

If we take a closer look we notice that four characters at the end of the flag are color coded red-red-blue. But the rest of the flag is red-blue alternating. This is because there were some errors during the transmission of the packets.

21 0.000020	127.0.0.1	127.0.0.1		67 [TCP ACKed unseen segment] [TCP Previous segment not captured] 55530 → 2020 [PSH, ACK] Seq-9 Ack-9 Win-65536 Len-1 TSval-3386938365 TSecr-3386938365
22 0.000021	127.0.0.1	127.0.0.1	TCP	66 2020 + 55530 [ACK] Seq=5 Ack=6 Win=65536 Len=0 TSval=3386938365 TSecr=3386938365
23 0.000022				67 [TCP Spurious Retransmission] 2020 + 55530 [PSM, ACK] Seq=5 Ack=6 Win=65536 Len=1 TSval=3386938365 TSecr=3386938365
24 0.000023	127.0.0.1	127.0.0.1	TCP	66 55530 → 2020 [ACK] Seq-6 Ack-6 Win-65536 Len-0 TSval-3386938365 TSecr-3386938365
25 0.000024	127.0.0.1	127.0.0.1	TCP	67 [TCP Retransmission] 55530 → 2020 [PSH, ACK] Seq=6 Ack=6 Win=65536 Len=1 TSval=3386938365 TSecr=3386938365
26 0.000025	127.0.0.1	127.0.0.1	TCP	66 2020 → 55530 [ACK] Seq=6 Ack=7 Win=65536 Len=0 TSval=3386938365 TSecr=3386938365
27 0.000026	127.0.0.1	127.0.0.1	TCP	67 2020 → 55530 [PSH, ACK] Seq=6 Ack=7 Win=65536 Len=1 TSval=3386938365 TSecr=3386938365
28 0.000027	127.0.0.1	127.0.0.1	TCP	66 55530 + 2020 [ACK] Seq=7 Ack=7 Win=65536 Len=0 TSval=3386938365 TSecr=3386938365
29 0.000028	127.0.0.1	127.0.0.1	TCP	67 [TCP Retransmission] 55530 → 2020 [PSH, ACK] Seq=7 Ack=7 Win=65536 Len=1 TSval=3386938365 TSecr=3386938365
30 0.000029	127.0.0.1	127.0.0.1	TCP	66 2020 + 55530 [ACK] Seq=7 Ack=8 Win=65536 Len=0 TSval=3386938365 TSecr=3386938365
31 0.000030	127.0.0.1	127.0.0.1	TCP	67 2020 + 55530 [PSH, ACK] Seq=7 Ack=8 Win=65536 Len=1 TSval=3386938365 TSecr=3386938365
32 0.000031	127.0.0.1	127.0.0.1	TCP	66 55530 → 2020 [ACK] Seq=8 Ack=8 Win=65536 Len=0 TSval=3386938365 TSecr=3386938365
33 0.000032	127.0.0.1	127.0.0.1	TCP	67 [TCP Retransmission] 55530 → 2020 [PSH, ACK] Seq=8 Ack=8 Win=65536 Len=1 TSval=3386938365 TSecr=3386938365
34 0.000033	127.0.0.1	127.0.0.1	TCP	66 2020 + 55530 [ACK] Seq=8 Ack=9 Win=65536 Len=0 TSval=3386938365 TSecr=3386938365
35 0.000034	127.0.0.1	127.0.0.1	TCP	67 2020 → 55530 [PSH, ACK] Seq-8 Ack-9 Win-65536 Len-1 TSval-3386938365 TSecr-3386938365
36.0.000035	127 0 0 1	127 0 0 1	TCP	66 [TCD Year_Alive] 55530 ± 2020 [ACV] Senso Arkso Wine65536 Lenso TSVal=3386038365 TSerr=3386038365

To correct this error we need to swap those charcaters that were transmitted wrongly and get the correct flag.

{FLG:i7430prrn33743<}