



# Lezadas



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https://sefod.eu



**O**Xz3z4d45



@zezadas







### **Easter Eggs**

https://youtu.be/GYvJEFkpCbo?t=91 Reverse public static void encode(String string) -Random random = new Random (5040508L) int n = new Random().nextInt(1000000); for (int i = 0; i < n; ++i) { random.nextInt(256); try { int n2; BufferedReader bufferedReader = new BufferedRe https://youtu.be/GYvJEFkpCbo?t=91

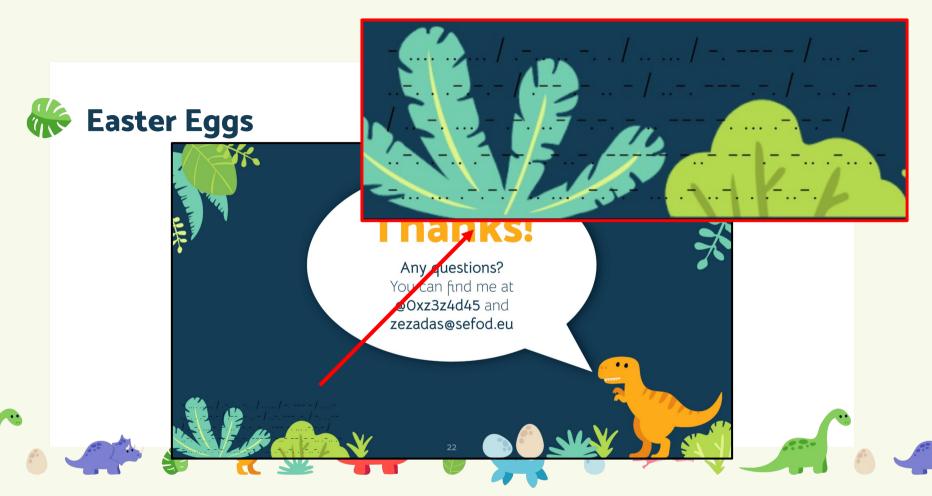


#### David Bruno // Com Contribuinte



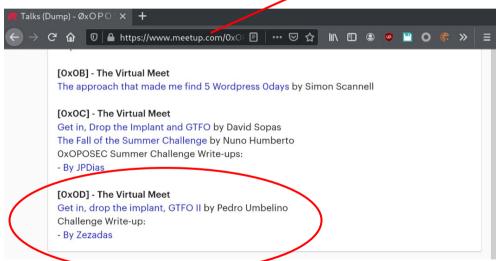
































#### **Easter Eggs**

#### Morse

- .... | .-.. | .-.. | ... | -. --- | .... | -. --- | .... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 

#### Text

THIS LINE IS NOT SAFE. WAIT FOR NEW INSTRUCTIONS. FLAG"OXMADLABS.IS.SAFE"





























The last mission was a success, and the government forces gave us another project, the information is short, but we know that we are on the path of the OxOPOLEAKS. We think this is somehow related to mobile communications, can you help us?

File: //sefod.eu/ctf/signal.wav



















































































Tags: dtmf

Rating:

#### task name

Tone (Forensic, Baby, 10 pts)

#### task description

Ha! Looks like this guy forgot to turn off his video stream and entered his password on his phone!

youtu.be/11k0n7TOYeM

#### solution

The task description leaves no room to questions - in the video you can clearly hear a guy typing something on his phone and making some keypress beeps in process. These beeps are the tones of DTFM keypad signals associated with different keys. Turns out that these beeps can be easily identified and decoded by matchin them to corresponding frequencies as it was first outlined in the paper by Liu back in 2012.















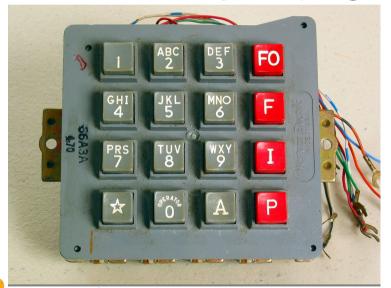








### The DTMF - Dual-tone multi-frequency signaling





























### **CODER** DECODER

































#### DTMF - RESULT

224448555999066676669962777















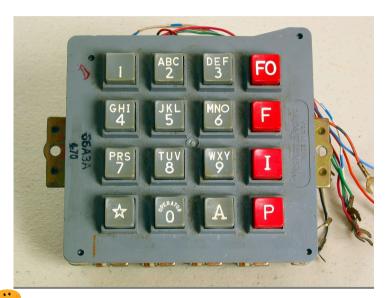








### **MULTITAP**



















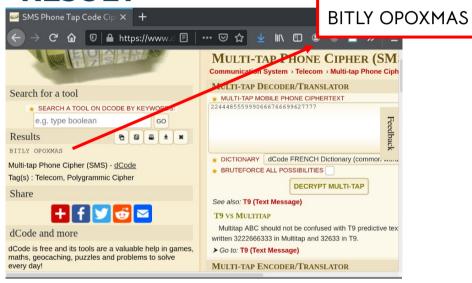








#### **MULTITAP - RESULT**















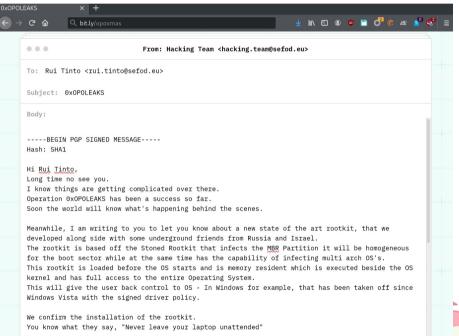






















From: Hacking Team <hacking.team@sefod.eu> 000 To: Rui Tinto <rui.tinto@sefod.eu> Subject: 0x0P0LEAKS Body: We confirm the installation of the rootkit. You know what they say, "Never leave your laptop unattended" !!HACK THE PLANET!! FLAG{things.may.not.always.be.what.they.seem} We kept a snippet of the rootkit for you. Have fun! https://sefod.eu/ctf/snippet.html Regards, Hacking team ----BEGIN PGP SIGNATURE----Version: GnuPG v1.4.6 (MingW32)











## DTMF Encoding:

https://www.audiocheck.net/audiocheck\_dtmf.php

### Multi Tap Encoding:

https://www.dcode.fr/multitap-abc-cipher





### Solvers

- @nunohumberto (First Blood!)
- @Guillaume
- @Tarrinho
- @ines
- @Bugosama
- @jp
- @k414x
- @Z
- @AirLomba

























### Starts Where It Ended - (bit.ly/opoxmas)

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