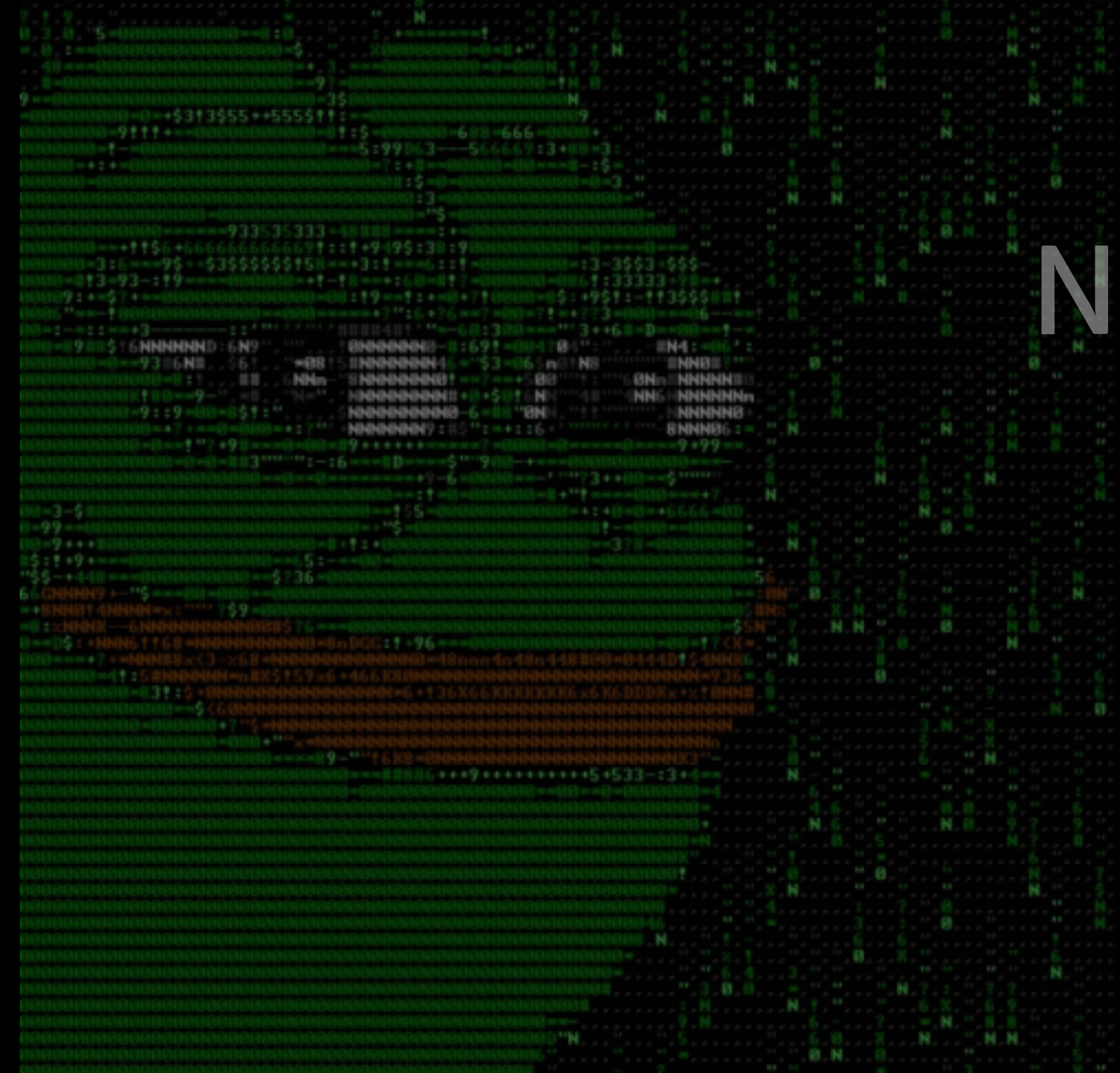


Network Basic

G4ENG

22 Oct 19

Agenda

1. Network Security
2. Protocol
3. OSI 7 Layer
4. CTF Challenge

Network Security

1. Confidentiality
2. Integrity
3. Availability

Protocol

1. Syntax
2. Semantics
3. Timing

Protocol

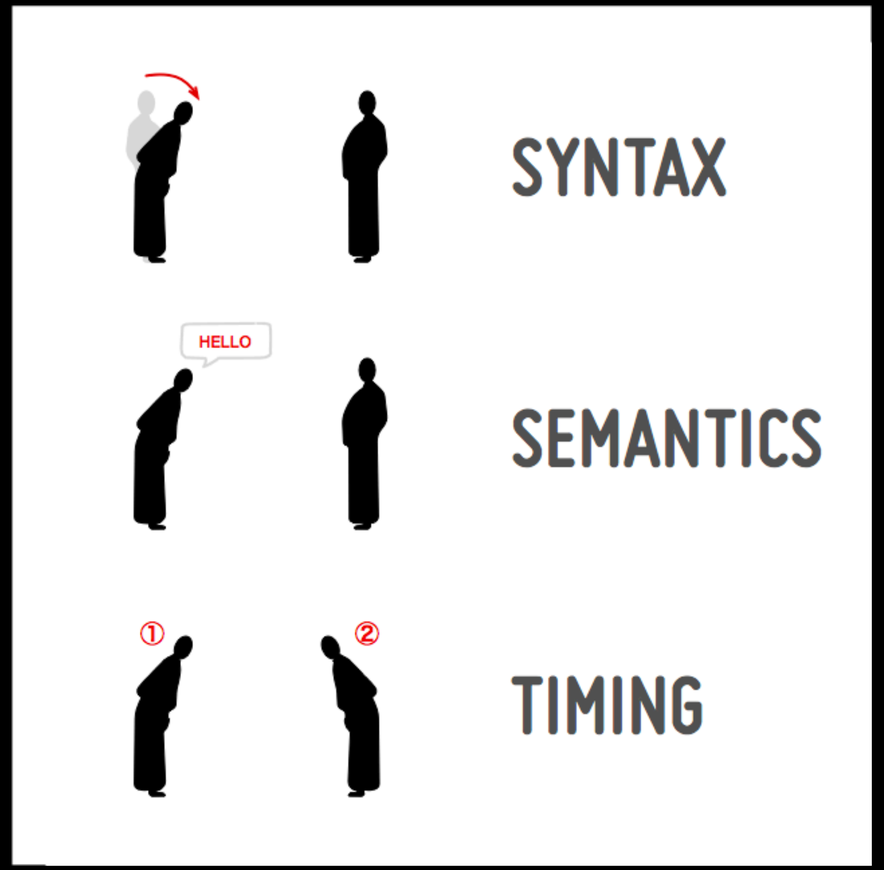
1. Syntax
2. Semantics
3. Timing

ex)

0101/00101011/1111

Protocol

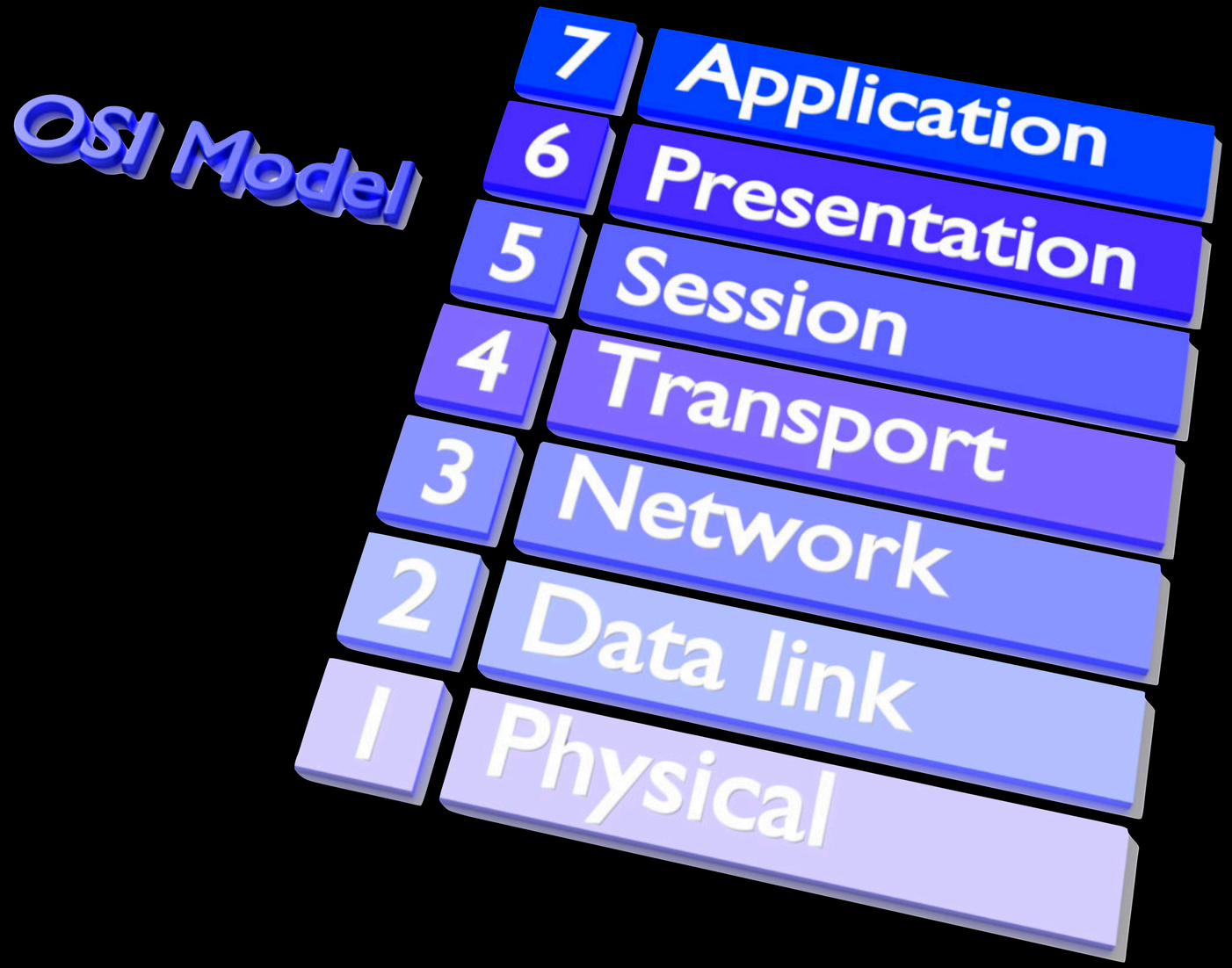
1. Syntax
2. Semantics
3. Timing



Protocol

1. Addressing
2. Sequence Control
3. Fragmentation and Recombination of Data Sequences
4. Encapsulation
5. Connection, Flow, Error Control
6. Synchronization
7. Multiplexing

OSI 7 Layer


OSI Model
7 Application
6 Presentation
5 Session
4 Transport
3 Network
2 Data link
1 Physical

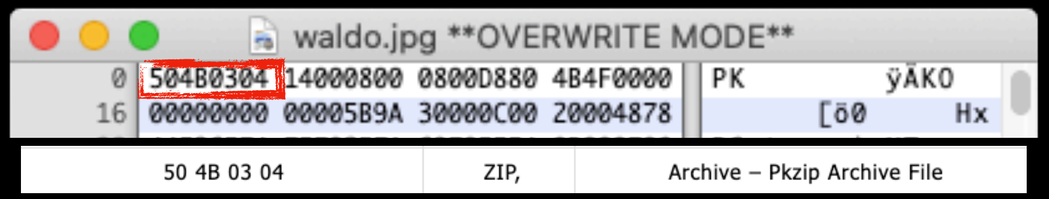
CTF Challenge

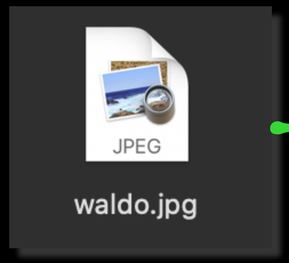
1. 월리를 찾아라!
2. Be a Luffy’s Friend

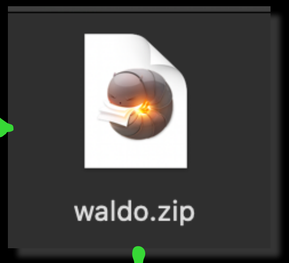
월리를 찾아라!

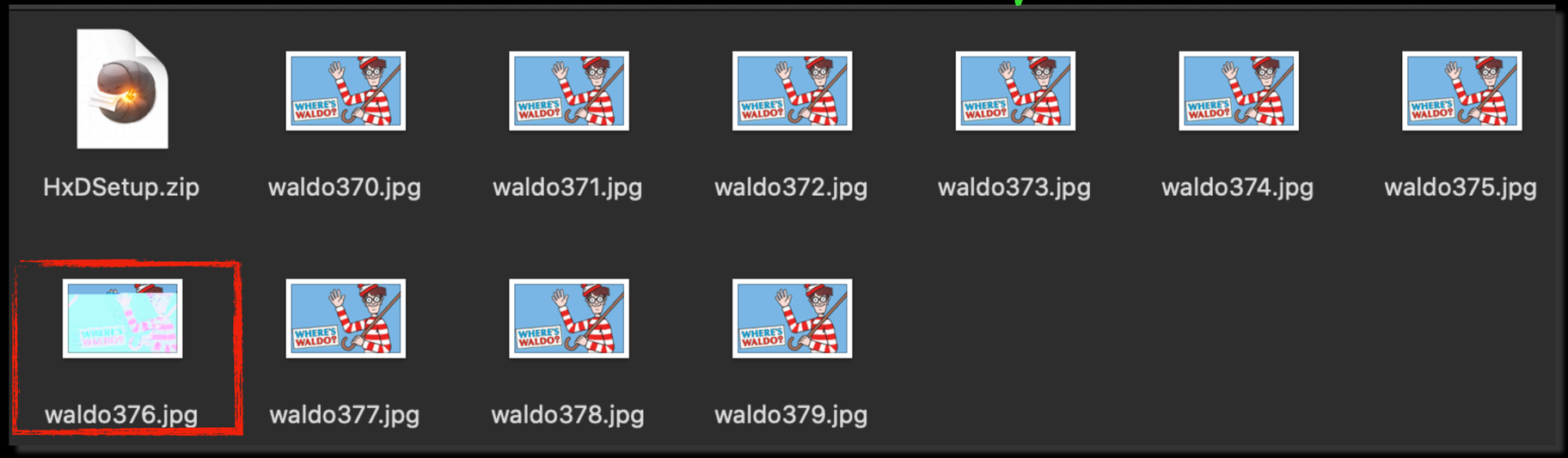
- Misc
- File Signature, HxD 기본 이용 문제

월리를 찾아라!

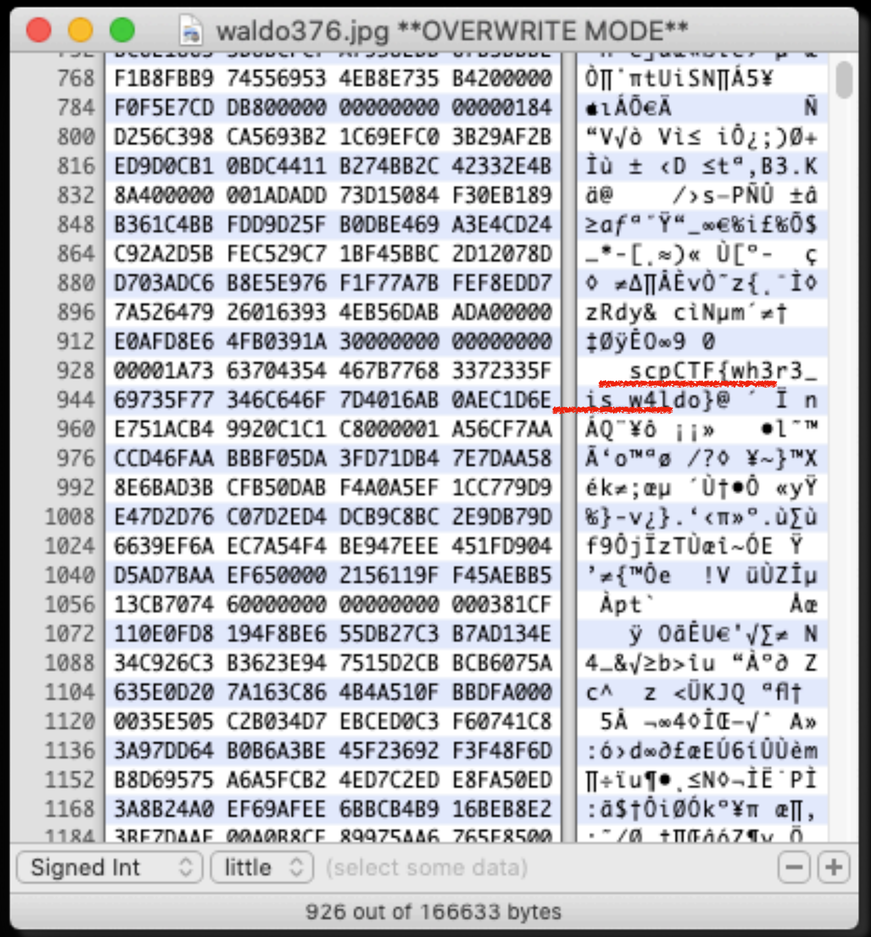

waldo.jpg **OVERWRITE MODE**
0 504B0304 14000800 0800D880 4B4F0000 PK ÿÄKO
16 00000000 00005B9A 30000C00 20004878 [ō0 Hx
50 4B 03 04
ZIP,
Archive – Pkzip Archive File


JPEG
waldo.jpg


waldo.zip


HxDSetup.zip
waldo370.jpg
waldo371.jpg
waldo372.jpg
waldo373.jpg
waldo374.jpg
waldo375.jpg
waldo376.jpg
waldo377.jpg
waldo378.jpg
waldo379.jpg

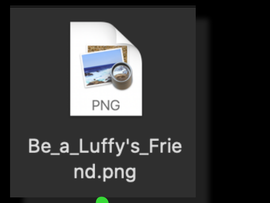
월리를 찾아라!

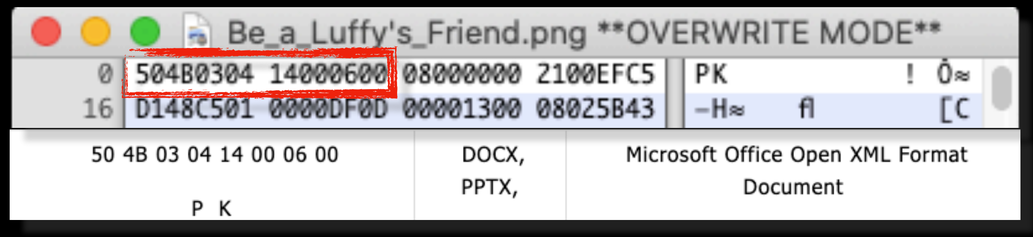

waldo376.jpg **OVERWRITE MODE**
768 F1B8FBB9 74556953 4EB8E735 B4200000
784 F0F5E7CD DB800000 00000000 00000184
800 D256C398 CA5693B2 1C69EFC0 3B29AF2B
816 ED9D0CB1 0BDC4411 B274BB2C 42332E4B
832 8A400000 001ADADD 73D15084 F30EB189
848 B361C4BB FDD9D25F B0DBE469 A3E4CD24
864 C92A2D5B FEC529C7 1BF45BBC 2D12078D
880 D703ADC6 B8E5E976 F1F77A7B FEF8EDD7
896 7A526479 26016393 4EB56DAB ADA00000
912 E0AFD8E6 4FB0391A 30000000 00000000
928 00001A73 63704354 467B7768 3372335F
944 69735F77 346C646F 7D4016AB 0AEC1D6E
960 E751ACB4 9920C1C1 C8000001 A56CF7AA
976 CCD46FAA BBBF05DA 3FD71DB4 7E7DAA58
992 8E6BAD3B CFB50DAB F4A0A5EF 1CC779D9
1008 E47D2D76 C07D2ED4 DCB9C8BC 2E9DB79D
1024 6639EF6A EC7A54F4 BE947EEE 451FD904
1040 D5AD7BAA EF650000 2156119F F45AEBB5
1056 13CB7074 60000000 00000000 000381CF
1072 110E0FD8 194F8BE6 55DB27C3 B7AD134E
1088 34C926C3 B3623E94 7515D2CB BCB6075A
1104 635E0D20 7A163C86 4B4A510F BBDFA000
1120 0035E505 C2B034D7 EBCED0C3 F60741C8
1136 3A97DD64 B0B6A3BE 45F23692 F3F48F6D
1152 B8D69575 A6A5FCB2 4ED7C2ED E8FA50ED
1168 3A8B24A0 EF69AFEE 6BBCB4B9 16BEB8E2
scpCTF{wh3r3_
is_w4ldo}@
Signed Int
little
(select some data)
926 out of 166633 bytes

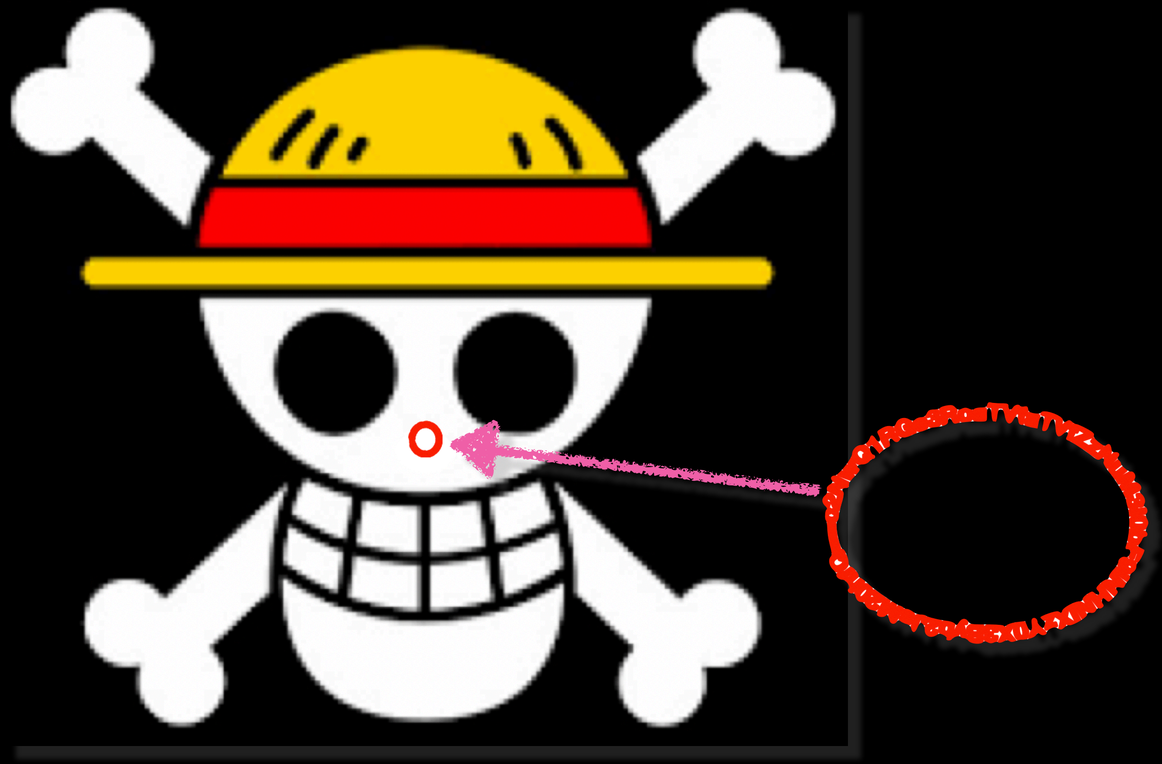
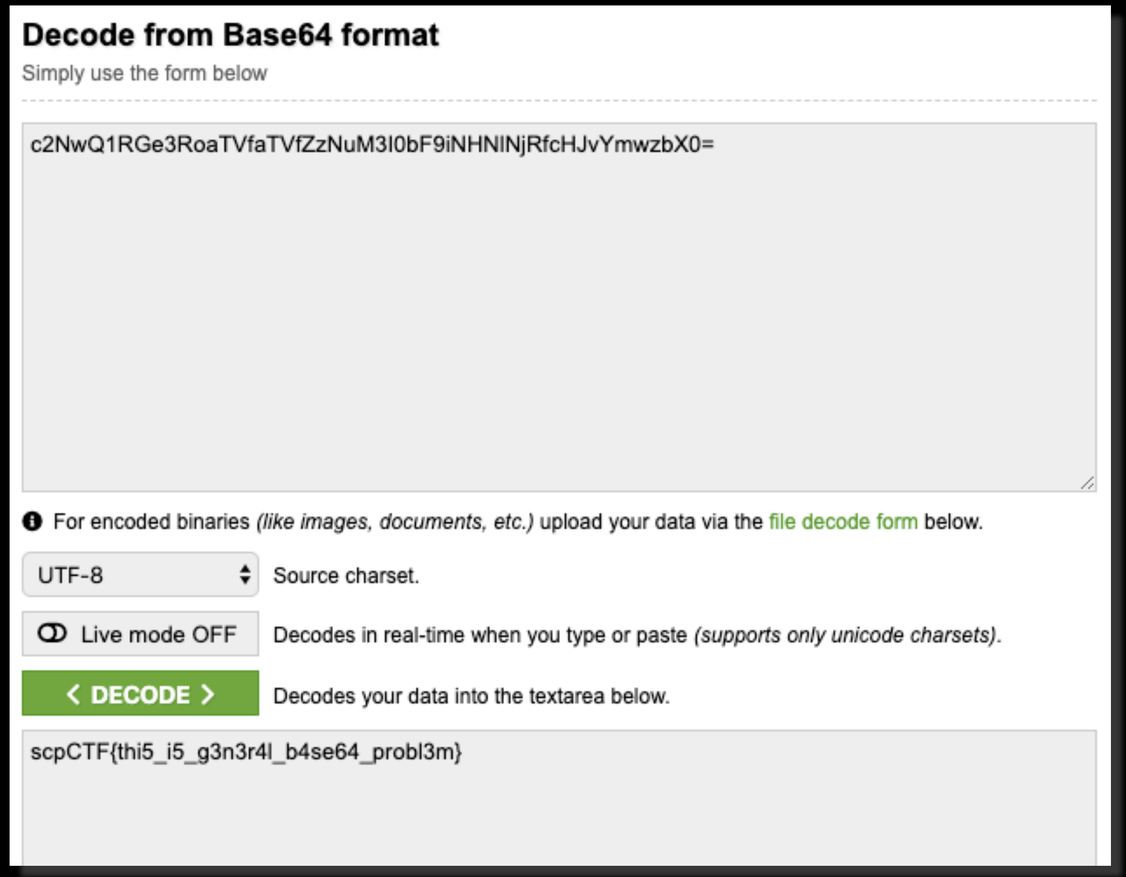
Be a Luffy’s Friend

- Forensic
- File Signature, Base64

Be a Luffy's Friend







Be a Luffy's Friend