

CICADA 3301 | New Website Update - The Bay Of Pigs Encrypted Message



3301

The Cicada 3301 sevens.exposed website changed again. It also now redirects to <http://www.1711141131131.xyz/> This time a single image displays a cryptic message named BayOfPigs.png with a new song in the background named Bruno.mp3. (This I expect is a reference to Bruno Borges the missing Brazilian.)

```
AC-47 SPOOKY - OPENS  
the way.  
  
=BEGIN MESSAGE=  
S2VubmVkeSB0dXJucyBvbiB0aGUg  
ZGVlcCBzdGF0ZT8NCg0KU2VlayB  
0aGUgQmF5IG9mIFBpZ3MgZGF0Z  
SBtdWx0aXBsaWVkiGJ5IEQrMSwg  
RCsyLCBhbmQgRCszlHB1c2hlZCBp  
bnRvIGRIY2ltYWwgZm9ybWF0IGV  
xdWFsIHRobzSBwYXNzd29yZCB0by  
B0aGUgYmV4dCBibHVlLiBEYXRlIG  
ZvcmlhdDogDQoNCkRETlZDQoN  
CiJTY3JhbWJsZSIgdG8gMzMwMTE  
wMzMwDQoNCiB1ZmYsIFBhc3Mu
```

PART 1

S2VubmVkeSB0dXJucyBvbiB0aGUg
ZGVlcCBzdGF0ZT8NCg0KU2VlayB
0aGUgQmF51G9mlFBpZ3MgZGF0Z
SBtdWx0aXBsaWVklGJ5IEQrMSwg
RCsyLCBhbmQgRCszIHB1c2hlZCBp
bnRvIGRIY2ltYWwgZm9ybWF0IGV
xdWFsIHRoZSBwYXNzd29yZCB0by
B0aGUgdmV4dCBjbHVlLiBEYXRlIG
ZvcmlhdDogDQoNCkRETVIDQoN
CiJTY3JhbWJsZSIgdG8gMzMwMTE
wMzMuDQoNCIB1YmYsIFBhc3Mu

- The encrypted text is Base64 which you can translate for yourself here. This translates to:

Kennedy turns on the deep state?

Seek the Bay of Pigs date multiplied by D+1, D+2, and D+3 pushed into decimal format equal the password to the next clue. Date format:

DDMYYY

"Scramble" to 33011033.

Puff, Pass.

- The Bay of Pigs lasted for 3 days starting on the 17/04/1961 - 20/04/1961
- First we change the date formats to the one described above DDMYYY and multiply them together.

17461 * 18461 * 19461 * 20461 = 128356049677569441

- Next the answer needs to be *pushed into decimal format*. So we input 128356049677569441 into an ASCII > Decimal converter.. This gives us:

128356049677569441 ASCII > Decimal = 495056515354485257545555535457525249

- This is the first part of our password. Next we work out what the password is for.

PART 2

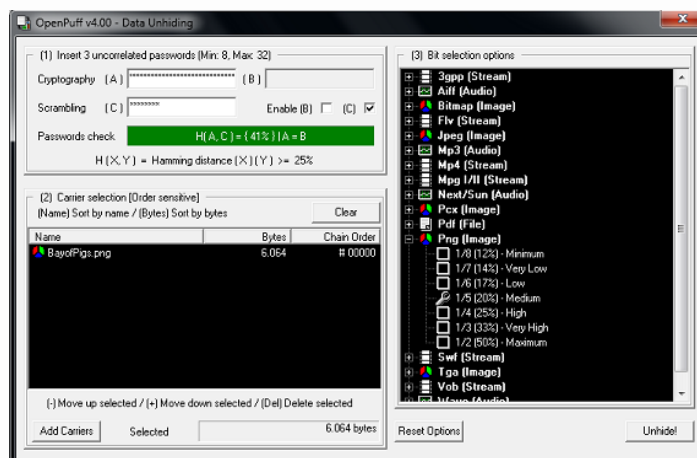
- The second part of our password is already in the original clue above which is *"Scramble" to 33011033*.

The decrypted clue above also mentions *Puff*, *Pass* and an airplane called an AC-47 Spooky, also known as Puff the Magic Dragon. This eludes to a bit of steganography software called OpenPuff which is able to encode and decode files into other file formats.

- We import the BayOfPigs.png into OpenPuff and input the 2 passwords in to (A) and (C) boxes. We know this because the clue mentions AC 47 Spooky. Plus the second password *"Scramble" to 33011033*. pretty much spelt out for us.

(A) - 495056515354485257545555535457525249

(C) - 33011033



- Clicking Unhide! revealed a QR code



PART 3

- Scanning the QR code leads us to a new encrypted image D1711Dama.png back at the new sevens.exposed redirect URL:

www.1711141131131.xyz/D1711Dama.png

```
Q3JlYXRlIGVgc3ByZWFKc2hlZXQgd2l0aCB0aGU  
gZm9sbG93aW5nlHRpdGxlcYwgQTEgdG8gRzE6I  
A0KlkZpYm9uYWNjaSlgfCAiUGhpliB8lCjQaSlgf  
CAiRmlib25hY2NplCogUGhpliB8lCjQaGkgKiBQa  
SlgfCAiRmlib25hY2NplCogUGkiIHwgkZpYm9uY  
WNjaSArIFBoaSArIFBplg0KDQpUaGVulGZpbGw  
gaW4gdGhlIGZpcnN0IDUwIG51bWJlcnMgdG8g  
ZWFjaCA1MSBjZWxsLiANCg0KQ29sbGVjdCB0a  
GUgbnVtYmVylHNlcXVlbnNlIG9ulHJvd3M6lDEsl  
DcslDEzLCAxNywgMjMsIDUwLg0KDQpNdWx0a  
XBseSB5b3dzlDEgJiA3lGFuZCBkaXZpZGUgYnkgc  
m93lDzlgZvcilBQYXNzd29yZCAoQSkNCkRpdml  
kZSB5b3cgMTcgYnkgcm93lDEzlgZvcilBQYXNzd2  
9yZCAoQikNCiNwbGl0lGNvbHVtbnMgQUJDLCB  
3aXRolERFRiBhbmQgZGl2aWRllGZvcilAoQykNCg  
0KQWRkIEEgKyBCiHRvZ2V0aGVyIHVlIGNyZWFl  
0ZSBhIHNoZm93ZyYw5klHNjcmFtYm9uYWNjaSlgf  
uDQoNCiJlbW92ZSBhbGwgZGVjaW1hbCBwb2l  
udHMgYW5klG5lZ2F0aXZlcyBidXQga2VlcCB0a  
GUgc2FtZSBudW1lcmljYWwg3JkZXlulEiFOiAwLj  
AwMSA9lDAwMDENCg0KR29vZCBMdWNRlG==
```

Again this is encrypted with Base64.

Q3JIYXRlIGEGc3ByZWFKc2hlZXQgd2l0aCB0aGU
gZm9sbG93aW5nIHRpdGxlcYwgQTEgdG8gRzE6I
A0KIkJpYm9uYWVjaSIgfCAiUGhpIiB8ICjQaSIgf
CAiRmlib25hY2NpICogUGhpIiB8ICJQaGkgKiBQa
SIgfCAiRmlib25hY2NpICogUGkiIHwgIkZpYm9uY
WNjaSArIFBoaSArIFBpIG0KDQpUaGVuIGZpbGw
gaW4gdGhlIGZpcnN0IDUwIG51bWJlcnMgdG8g
ZWVjaCA1MSBjZWxsLiANCg0KQ29sbGVjdCB0a
GUgbnVtYmVyIHNlcXVlbnNlIG9uIHJvd3M6IDESl
DcsIDEzLCAxNywgMjMsIDUwLg0KDQpNdWx0a
XBseSBYb3dzIDEgJiA3IGFuZCBkaXZpZGUgYnkgc
m93IDIzIGZvciBQYXNzd29yZCAoQSkNCkRpdml
kZSBYb3cgMTcgYnkgcM93IDEzIGZvciBQyXNzd2
9yZCAoQikNCiNwbGl0IGNvbHVtbnMgQUJDLCB
3aXRoIERFRiBhbmQgZG12aWRlIGZvciAoQykNCg
0KQWRkIEEGKyBCIHRvZ2V0aGVuIHRvIGNyZWV
0ZSBhIHN0cmZyYm9uYm9uYm9uYm9uYm9uYm9u
uDQoNCiJlW92ZSBhbGwgZGVjaW1hbCBwb2l
udHMgYW5kIG5lZ2F0aXZlcyBidXQga2VlcCB0a
GUgc2FtZSBudW1lcmljYWwgb3JkZXIuIEIiOiAwLj
AwMSA9IDAwMDENCg0KR29vZCBMdWNRlg==

Decryption reads:

Create a spreadsheet with the following titles, A1 to G1:

"Fibonacci" | "Phi" | "Pi" | "Fibonacci * Phi" | "Phi * Pi" | "Fibonacci* Pi" | "Fibonacci + Phi + Pi"

Then fill in the first 50 numbers to each 51 cell.

Collect the number sequence on rows: 1,7, 13, 17, 23, 50.

Multiply rows 1 & 7 and divide by row 23 for Password (A)

Divide row 17 by row 13 for Pssword (B)

Split columns ABC, with DEF and divide for (C)

Add A + B together to create a string, and scramble to C.

Remove all decimal points and negatives but keep the same numerical order. IE: 0.001 = 0001 Good Luck.

- Next we make a spreadsheet:

| 'Fibonacci' | 'Phi' | 'Pi' | 'Fibonacci * Phi' | 'Phi * Pi' | 'Fibonacci* Pi' | 'Fibonacci + Phi + Pi' | Number Sequence | A,B,C | D,E,F |
|-------------|-------|------|-------------------|------------|-----------------|------------------------|--|---------|---------------|
| 0 | 1 | 3 | 0 | 3 | 0 | 4 | 130304 | 013 | 030 |
| 1 | 6 | 1 | 6 | 6 | 1 | 8 | | | |
| 1 | 1 | 4 | 1 | 4 | 4 | 6 | | | |
| 2 | 8 | 1 | 16 | 8 | 2 | 11 | | | |
| 3 | 0 | 5 | 0 | 0 | 15 | 8 | | | |
| 5 | 3 | 9 | 15 | 27 | 45 | 17 | | | |
| 8 | 3 | 2 | 24 | 6 | 16 | 13 | 8322461613 | 832 | 24616 |
| 13 | 9 | 6 | 117 | 54 | 78 | 28 | | | |
| 21 | 8 | 5 | 168 | 40 | 105 | 34 | | | |
| 34 | 8 | 3 | 272 | 24 | 102 | 45 | | | |
| 55 | 7 | 5 | 385 | 35 | 275 | 67 | | | |
| 89 | 4 | 8 | 356 | 32 | 712 | 101 | | | |
| 144 | 9 | 9 | 1296 | 81 | 1296 | 162 | 144991296811296162 | 14499 | 1296811296 |
| 233 | 8 | 7 | 1864 | 56 | 1631 | 248 | | | |
| 377 | 9 | 9 | 3393 | 81 | 3393 | 395 | | | |
| 610 | 4 | 3 | 2440 | 12 | 1830 | 617 | | | |
| 987 | 8 | 2 | 7896 | 16 | 1974 | 997 | 987827896161974997 | 98782 | 7896161974 |
| 1597 | 4 | 3 | 6388 | 12 | 4791 | 1604 | | | |
| 2584 | 8 | 8 | 20672 | 64 | 20672 | 2600 | | | |
| 4181 | 2 | 4 | 8362 | 8 | 16724 | 4187 | | | |
| 6765 | 0 | 6 | 0 | 0 | 40590 | 6771 | | | |
| 10946 | 4 | 2 | 43784 | 8 | 21892 | 10952 | | | |
| 17711 | 5 | 6 | 88555 | 30 | 106266 | 17722 | 1771156885553010626617722 | 1771156 | 8855530106266 |
| 28657 | 8 | 4 | 229256 | 32 | 114628 | 28669 | | | |
| 46368 | 6 | 3 | 278208 | 18 | 139104 | 46377 | | | |
| 75025 | 8 | 3 | 600200 | 24 | 225075 | 75036 | | | |
| 121393 | 3 | 8 | 364179 | 24 | 971144 | 121404 | | | |
| 196418 | 4 | 3 | 785672 | 12 | 589254 | 196425 | | | |
| 317811 | 3 | 2 | 953433 | 6 | 635622 | 317816 | | | |
| 514229 | 6 | 7 | 3085374 | 42 | 3599603 | 514242 | | | |
| 832040 | 5 | 9 | 4160200 | 45 | 7488360 | 832054 | | | |
| 1346269 | 6 | 5 | 8077614 | 30 | 6731345 | 1346280 | | | |
| 2178309 | 3 | 0 | 6534927 | 0 | 0 | 2178312 | | | |
| 3524578 | 8 | 2 | 28196624 | 16 | 7049156 | 3524588 | | | |
| 5702887 | 1 | 8 | 5702887 | 8 | 45623096 | 5702896 | | | |
| 9227465 | 1 | 8 | 9227465 | 8 | 73819720 | 9227474 | | | |
| 14930352 | 7 | 4 | 104512464 | 28 | 59721408 | 14930363 | | | |
| 24157817 | 7 | 1 | 169104719 | 7 | 24157817 | 24157825 | | | |
| 39088169 | 2 | 9 | 78176338 | 18 | 351793521 | 39088180 | | | |
| 63245986 | 0 | 7 | 0 | 0 | 442721902 | 63245993 | | | |
| 102334155 | 3 | 1 | 307002465 | 3 | 102334155 | 102334159 | | | |
| 165580141 | 0 | 6 | 0 | 0 | 993480846 | 165580147 | | | |
| 267914296 | 9 | 9 | 2411228664 | 81 | 2411228664 | 267914314 | | | |
| 433494437 | 1 | 3 | 433494437 | 3 | 1300483311 | 433494441 | | | |
| 701408733 | 7 | 9 | 4909861131 | 63 | 6312678597 | 701408749 | | | |
| 1134903170 | 9 | 9 | 10214128530 | 81 | 10214128530 | 1134903188 | | | |
| 1836311903 | 8 | 3 | 14690495224 | 24 | 5508935709 | 1836311914 | | | |
| 2971215073 | 0 | 7 | 0 | 0 | 20798505511 | 2971215080 | | | |
| 4807526976 | 5 | 5 | 24037634880 | 25 | 24037634880 | 4807526986 | | | |
| 7778742049 | 7 | 1 | 54451194343 | 7 | 7778742049 | 7778742057 | 777874204971544511943437777874204977787420 | | |