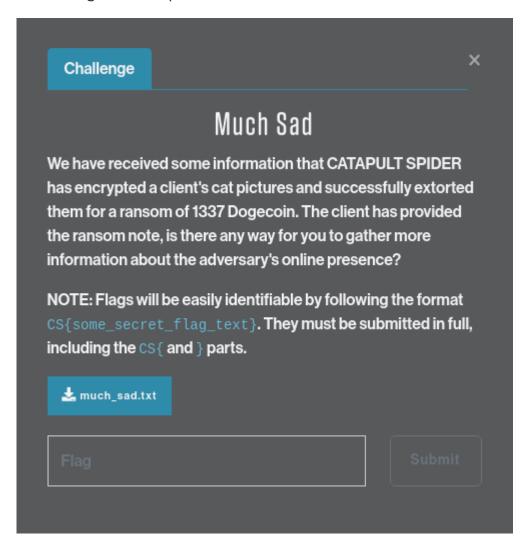# CATAPULT SPIDER - Much Sad

This is an OSINT challenge: find the flag in the publically-available information CATAPULT SPIDER has left online.

Challenge description

We have received some information that CATAPULT SPIDER has encrypted a client's cat pictures and successfully extorted them for a ransom of 1337 Dogecoin. The client has provided the ransom note, is there any way for you to gather more information about the adversary's online presence?

NOTE: Flags will be easily identifiable by following the format `CS{some_secret_flag_text}`. They must be submitted in full, including the `CS{` and `}` parts.

Solution

We're given a file to download `muchsad.txt`:

```
+-----------------------------------------------------------------+
|                                                                 |
|                           ,oc,                                  |
|     BAD CAT.             ,OOxoo,                      .cl::      |
|                         ,OOxood,                    .lxxdod,     |
|      VERY CRYPTO!       :OOxoooo.                   'ddddoc:c.   |
|                        :kkxooool.                 .cdddddc:::o.  |
|                        :kkdoooool;'              ;dxdddoooc:::l; |
|                        dkdoooddddddl:;,''...    .,odcldoc:::::ccc;|
|                       .kxdxkkkkkxddddddddxxdddddoolccldol:lol::::::::colc|
|                      'dkkkkkkkkkddddoddddxkkkkkxdddooolc:coo::;'',::llld |
|                   .:dkkkkOOOOOkkxddooooddddxkxkkkxddddoc:::oddl:,.';::looo:|
|                 ':okkkkkkkOOOOOOOkdoooddddddxxxxdxxxxdddddoc:loc;...,codool|
|               'dkOOOOOOkkkOOOOOOOxdooddxxkkkkkkxxdddxxxdxxxooc,..';:oddlo.|
|              ,kOOOOOOkOOOOOOOOOOxdooddxOOOOOkkkxxdddxxxxkxxkxolc;cloolclod.|
|             .kOOOOOOkd:;,cokOOkxddddddxOOOOOOOOkxddddddddxkxkkkkkxxdoooollloxk'|
|             l00KKKK0xl,,.',xkkkkkxxxxkOOOkkOkkkkkxddddddxkkkkkkkkxoool::ldkO'|
|             '00KXXKK0oo''..ckkkkkkOkkkkkkxl;'.':oddddddxkkkkkkkkkkkdol::codkO.|
|             xKXXXK00Oxl::lxkkkkkkOOkkddoc,'lx:'    ;lddxkkkkkkxkkkkkxdolclodkO.|
|             ;KKXXXK0kOOOOOkkkOOOOOkkdoc'.'o,.   ..,oxkkkOOOkkkkkkkkkkddoooodxk|
|             kKXKKKKKO0O0OO0O0O0O0OOOkkxddo:;;;''::ok0OO0OOOO0OOO0OOOkkxddddddx|
|             .KKKKKKKKOkxxdxkkkOOO0OO0kkkxkkkkkxxkkkkO0OKKKKK00000000000kkdddddk.|
|             xKKKKKKKc,''''''';lx00K00O0Okkk0O0kkkkkkkO0KKKKKK000000000000kkxdkkx|
|             'KK0KKXx. ..      ...'xKKKK0OO00000000000OO0KKKKKKKKKKKK000000kxdkko|
|             xKKKKKXx,...        .,dKXKK00000000KKKKKKKKKKKKKKKKKK00000000kxddxd.|
|             ,KKKKKXKd'.....   ..,ck00000000kO0KKKKKKKKKKKKKKKKKKK00000kkkkkkkxdddo.|
|             .KKKKK0xc;,......',cok0O0000kkkk0KKKK00000KKK000OO0kkkkkkkkkkkxdddd.|
|             .KKKKK0dc;,,''''',:oodxkkkkkkkk0OO0k0OOOkkkkkkkkkkkkkkkkO0kkxdddd,|
|             0KKKKK0x;'.     ...';lodxxkkkkkddkkkkkkkkkkkkkkkkkkO0OOOkk0kkkxddc|
|             xKKKKKK0l;'........';cdolc:;;;:lkkkkkkkkkkkkkkkkO0000000000kxddd.|
|             :KKKKK00Oxo:,'',''''...,,,,;;:ldxkkkkkkkkkkkkk0kk00000000kkkxddd'|
|              oKKKKK000kxllolooooollooooodddxkkkkkkkkkkkkkkkkkkkkkkkk00kkkxddd.|
|               :KKK0OO00OkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkkO0Okkkkkkkkxddd:|
|                o0KK0000000O0Okkkkkkkkkkkkkkkkkkkkkkkkkkkk000000Okkkkkkxdo;.|
|                 'd0000000O000O0OkkkkkkkkkkkkkkkkOkO0000Okkkkkkkkkko,|
|                  .o000000000O0kkkkkkkkkkkkkkkkkkO00Ok0Okkkkkkkkkko'|
|                   .;x0O000000kkkkkkkkkkkkkkkkkkkO0Okkkkkkkkkd:.|
|                      .lx0OO0kkkkkkkkkkkkkkkkkkkkxxxkkkkkkd:'|
|                        .;okkkkkkkkxxkkdxxddxdxdolc;'..|
|                           ...',;;::::::;;,'...|
|                                                                 |
|                            MUCH SAD?                            |
|                        1337 DOGE = 1337 DOGE                    |
|                     DKaHBkfEJKef6r3L1SmouZZcxgkDPPgAoE          |
|                  SUCH EMAIL shibegoodboi@protonmail.com         |
+-----------------------------------------------------------------+
```

Two things jump out: a Dogecoin wallet address: `DKaHBkfEJKef6r3L1SmouZZcxgkDPPgAoE` and an email address `shibegoodboi@protonmail.com`. Plugging `shibegoodboi` into Google yields a few promising hits: a Twitter account https://twitter.com/shibegoodboi and a Reddit profile https://www.reddit.com/user/shibegoodboi/.

Visiting the Twitter page a link to a GitHub repository https://github.com/shibefan:

In shibefan's repositories is one for https://shibefan.github.io. We can either browse through the repository and view the `index.html` of the page, or just visit https://shibefan.github.io:

1 DOGE = 1 DOGE

D7sUiD5j5SzeSdsAe2DQYWQgkyMUfNpV2v

CS{shibe_good_boi_doge_to_the_moon}

And there's the flag: CS{shibe_good_boi_doge_to_the_moon}

Answer

```
CS{shibe_good_boi_doge_to_the_moon}
```