

KringleCon 4: Calling Birds!

Courtyard



1. Click to talk to Piney Sappington

Hi ho, Piney Sappington at your service!

Well, honestly, I could use a touch of your services.

You see, I've been looking at these documents, and I know someone has tampered with one file.

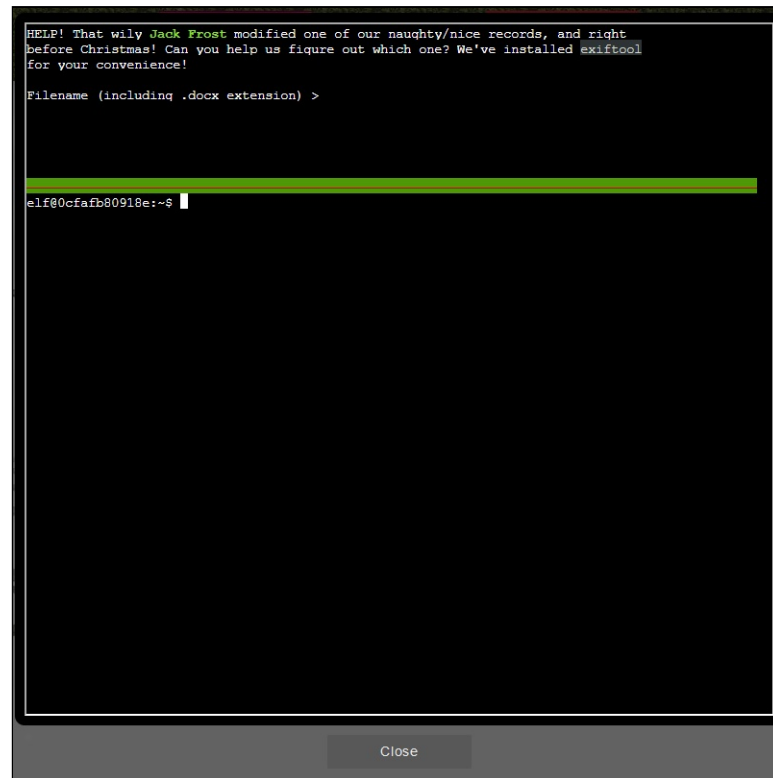
Do you think you could log into this Cranberry Pi and take a look?

It has exiftool installed on it, if that helps you at all.

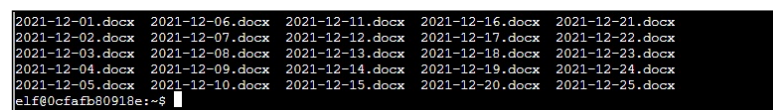
I just... Well, I have a feeling that someone at that other conference might have fiddled with things.

And, if you help me figure this tampering issue out, I'll give you some hints about OSINT, especially associated with geographic locations!

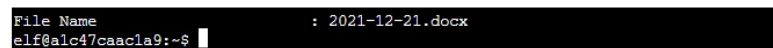
2. Click **Exif Metadata** Cranberry Pi terminal



3. Type **ls**

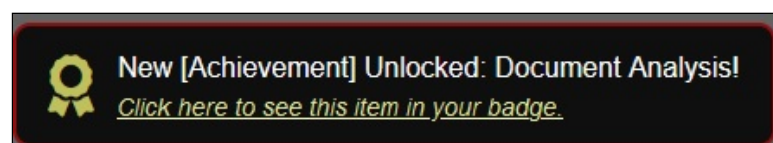
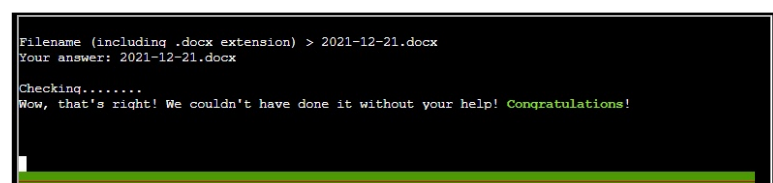


4. Type **exiftool * | grep -B 40 "Jack Frost" | grep "^File Name"**



5. Click in the **Top** windows

6. Type **2021-12-21.docx**



7. Click the **Close** button

8. Click to talk to Piney Sappington

Wow, you figured that out in no time! Thanks!

I knew they were up to no good.

So hey, have you tried the Caramel Santaigo game in this courtyard?



New [Objective] Unlocked: 2) Where in the World is Caramel Santaigo?!

[Click here to see this item in your badge.](#)

9. Click to talk to Piney Sappington

Carmen? No, I haven't heard of her.

So anyway, some of the hints use obscure coordinate systems like MGRS and even what3words.



New [Hint] Unlocked: Coordinate Systems!

[Click here to see this item in your badge.](#)

10. Click to talk to Piney Sappington

In some cases, you might get an image with location info in the metadata. Good thing you know how to see that stuff now!

(And they say, for those who don't like gameplay, there might be a way to bypass by looking at some flavor of cookie...)



New [Hint] Unlocked: Flask Cookies!

[Click here to see this item in your badge.](#)

11. Click to talk to Piney Sappington

And Clay Moody is giving a talk on OSINT techniques right now!



New [Hint] Unlocked: OSINT Talk!

[Click here to see this item in your badge.](#)

12. Click to talk to **Piney Sappington**

Oh, and don't forget to learn about your target elf and filter in the Interrink system!

13. Click the **i** (Hints) icon14. Click **OSINT Talk**

```
OSINT Talk

From: Piney Sappington
Objective: 2) Where in the World is Caramel Santaigo?
.....

Clay Moody is giving a talk about OSINT techniques
right now!
.....
```

15. Click **Flask Cookies**

```
Flask Cookies

From: Piney Sappington
Objective: 2) Where in the World is Caramel Santaigo?
.....

While Flask cookies can't generally be forged without
the secret, they can often be decoded and read.
.....
```

16. Click **Coordinate Systems**

```
Coordinate Systems

From: Piney Sappington
Objective: 2) Where in the World is Caramel Santaigo?
.....

Don't forget coordinate systems other than lat/long
like MGRS and what3words.
.....
```

17. Click **[Exit]**

18. Click to talk to **Tangle Coalbox**

Hey there, Gumshoe. Tangle Coalbox here again.

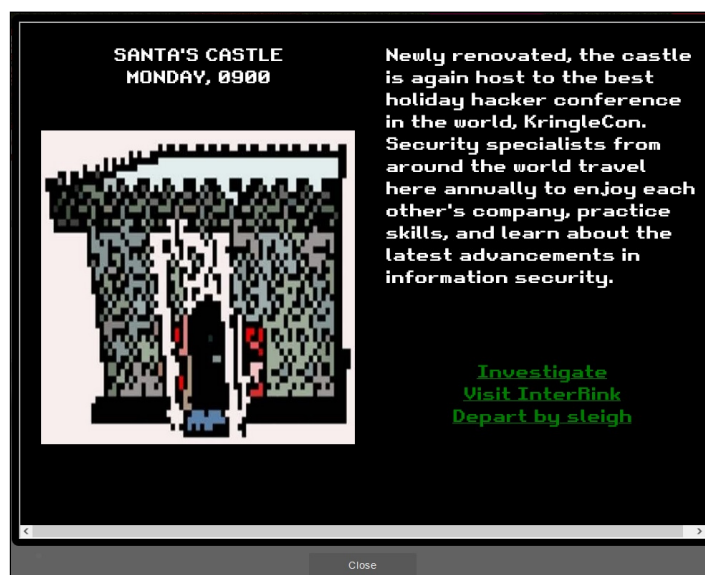
I've got a real doozy of a case for you this year.

Turns out some elves have gone on some misdirected journeys around the globe. It seems that someone is messing with their travel plans.

We could sure use your open source intelligence (OSINT) skills to find them.

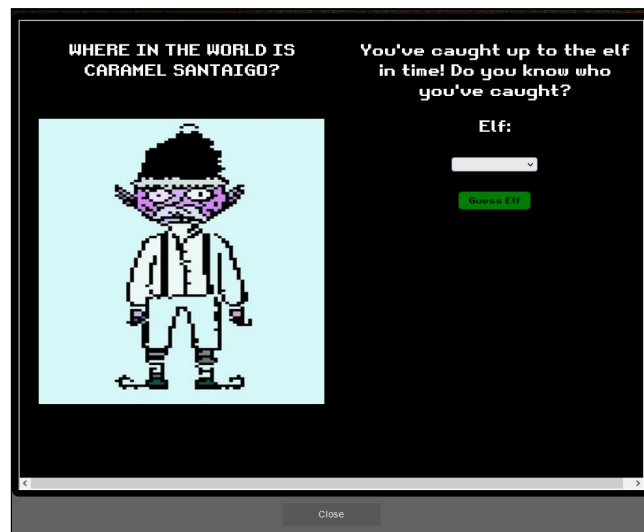
Why dontcha' log into this vintage Cranberry Pi terminal and see if you have what it takes to track them around the globe.

If you're having any trouble with it, you might ask Piney Sappington right over there for tips.

19. Click **Caramel Santaigo** Cranberry Pi terminal20. Click **Start Game!**

21. Play the game

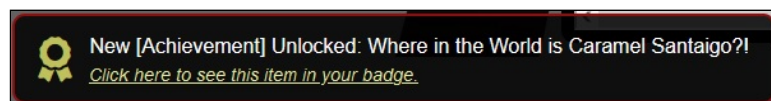
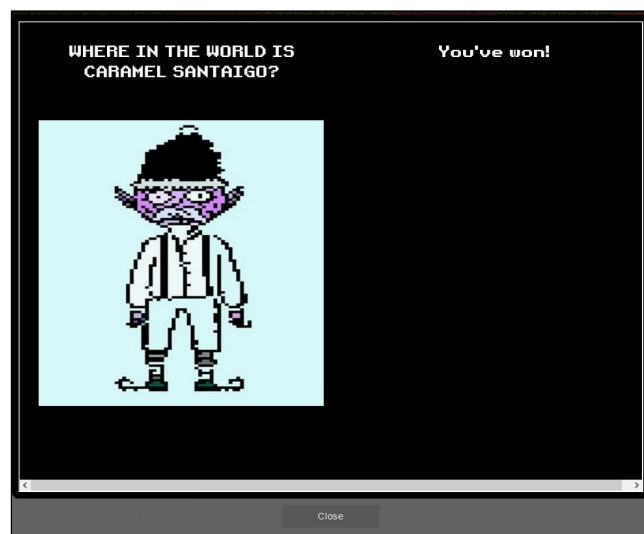
22. Click **Investigate 3**



23. Click the **drop-down list**

24. Click the **Morcel Nougat** entry

25. Click the **Guess Elf** button



26. Click the **Close** button

27. Click to talk to **Tangle Coalbox**

You never cease to amaze, Kid. Thanks for your help.

28. Move **Right** and enter the **Great Room**