SOC140 - Phishing Mail Detected - Suspicious Task Scheduler



Click on >> and create case and click Continue.

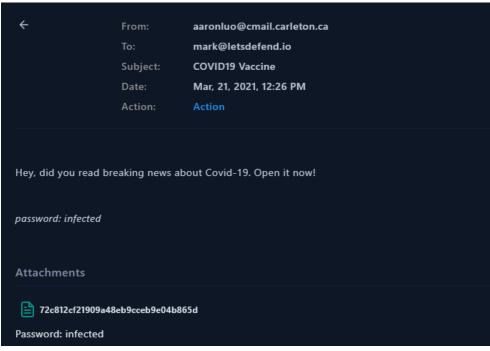
Incident Details	
Incident Name:	EventID: 82 - [SOC140 - Phishing Mail Detected - Suspicious Task Scheduler]
Description:	EventiD: 82
Incident Type:	Exchange
Created Date:	Jan, 07, 2024, 09:15 PM
Start Playbook!	

Before we start the playbook, let's initialize our analysis with what we have with us already.

The rule talks about "Phishing Mail Detected – Suspicious Task Scheduler" ... so our first hit should be at the Mailbox.

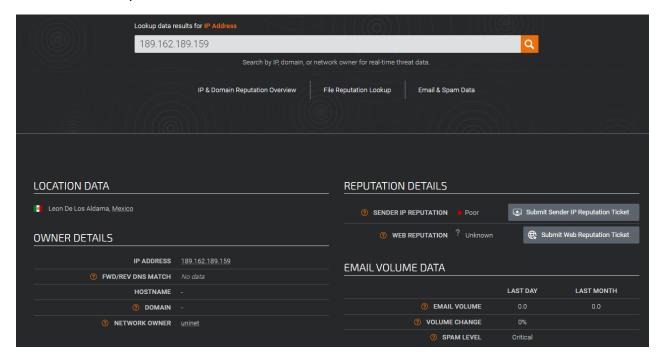
Click on Email Security and search for the mail with "COVID19 Vaccine" as mentioned in the alert.



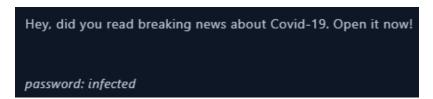


In order to analyse if the email is a Phishing Mail, we need to investigate the attachment. It should be noted that we may be dealing with a potential malware and as such the usage of a Sandbox is highly advised.

Let's check the reputation of the email we received the mail from.

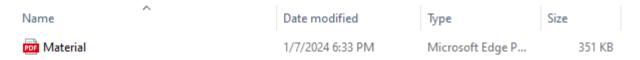


Upon checking the SMTP address is Talos Intelligence, the location of the server shows Mexico with Poor reputation and Critical Spam level. However, the domain Carleton.ca belongs to CA (Canada) which shows that **cmail.carleton.ca** is a spoofed mail domain.

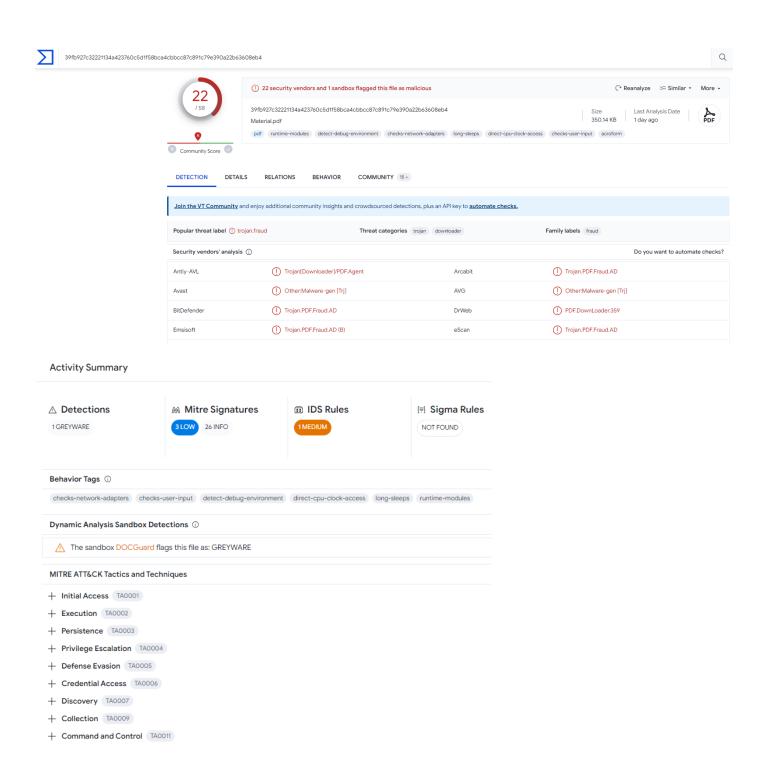


The content of the email creates a certain type of urgency to open the attachment. The password of the attachment is *infected*. This further solidifies the fishy nature of the email.

Upon downloading and opening the attachment, the contents are as follows:



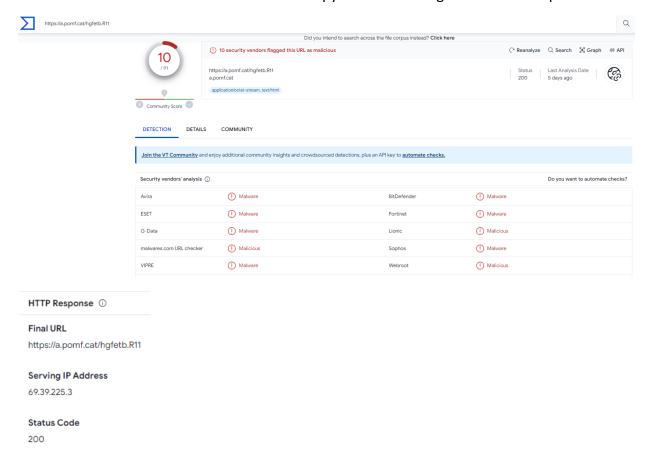
Now to check the reputation of the files, we find out their MD5 Hashes and search for them on Virustotal Material.pdf -> 72C812CF21909A48EB9CCEB9E04B865D



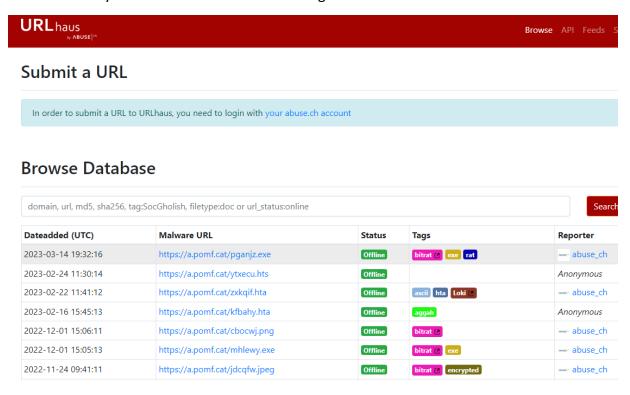
Upon opening the file, we see a blurred image of a what looks to be a Purchase Order



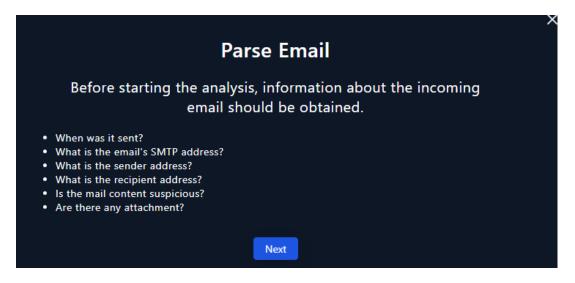
The file has an embedded link which we can copy without clicking and check its reputation.



URLhaus mostly classifies this Domain containing RATs



So, by virtue of all the finding, we can conclude that the attachment is indeed highly malicious. Let's start the Playbook.



When was it sent? Mar, 21, 2021, 12:26 PM

What is the email's SMTP address? 189.162.189.159

What is the sender address? aaronluo@cmail.carleton.ca

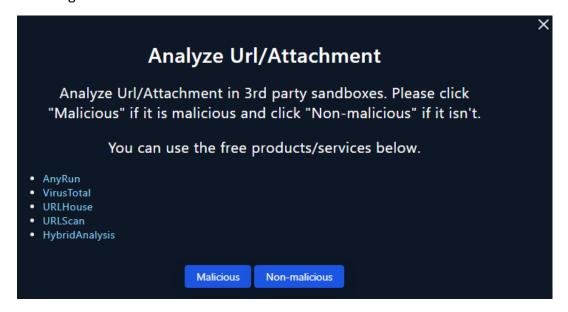
What is the recipient address? mark@letsdefend.io

Is the mail content suspicious? Yes

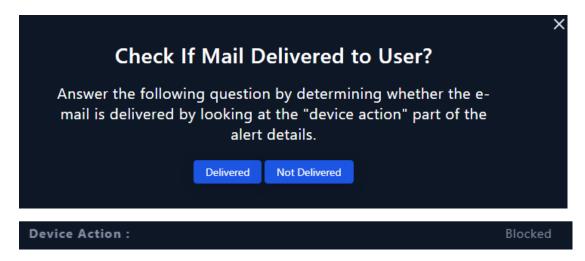
Are there any attachment? Yes



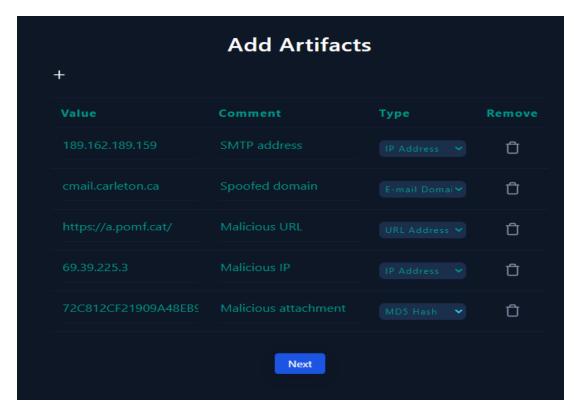
Selecting "Yes" here.



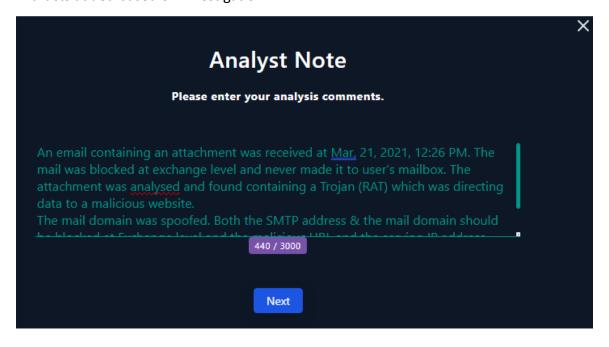
Analysed and found Malicious.



Mail was "Not Delivered" to the user's mailbox it was blocked at the server level.



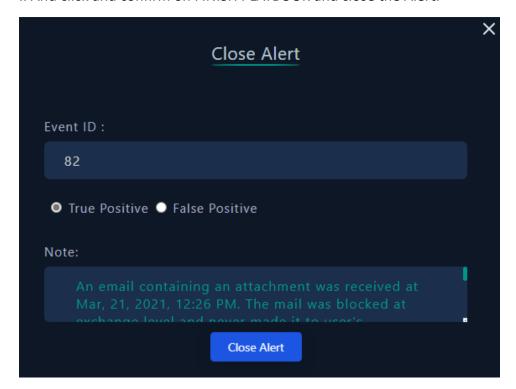
Artifacts added based on investigation.



An email containing an attachment was received at Mar, 21, 2021, 12:26 PM. The mail was blocked at exchange level and never made it to user's mailbox. The attachment was analysed and found containing a Trojan (RAT) which was directing data to a malicious website.

The mail domain was spoofed. Both the SMTP address & the mail domain should be blocked at Exchange level and the malicious URL and the serving IP address added to the firewall.

.. And click and confirm on FINISH PLAYBOOK and close the Alert.



This would be a True Positive as it was indeed a "Phishing Email".

Let's check the scores now.



Hopefully this helped.