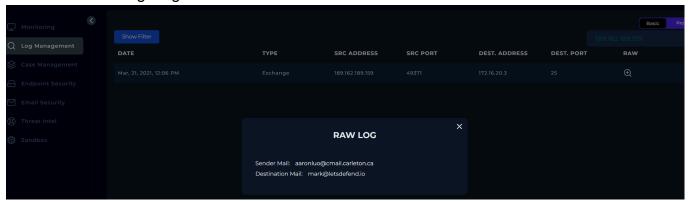
SOC140 - Phishing Mail Detected - Suspicious Task Scheduler

letsdefend link to case: https://app.letsdefend.io/case-management/casedetail/shakeco1/82

EventID:
82
Event Time :
Mar, 21, 2021, 12:26 PM
Rule:
SOC140 - Phishing Mail Detected - Suspicious Task Scheduler
Level:
Security Analyst
SMTP Address :
189.162.189.159
Source Address :
aaronluo@cmail.carleton.ca
Destination Address :
mark@letsdefend.io
E-mail Subject :
COVID19 Vaccine
Device Action :
Blocked

lets examine through logs.



Sender Mail: aaronluo@cmail.carleton.ca



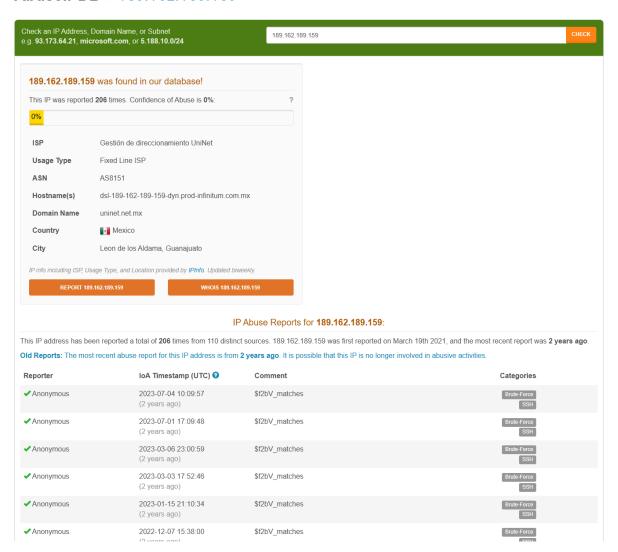
Destination Mail: mark@letsdefend.io
Destination Mail: nicolas@letsdefend.io

destination address: 172.16.20.3

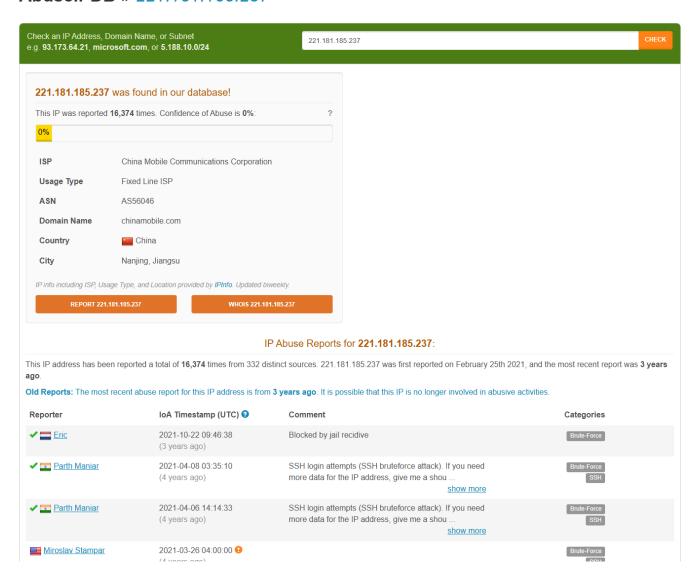
let's check the attacker's ip

#1: 189.162.189.159 #2: 221.181.185.237 #3: 157.230.109.166

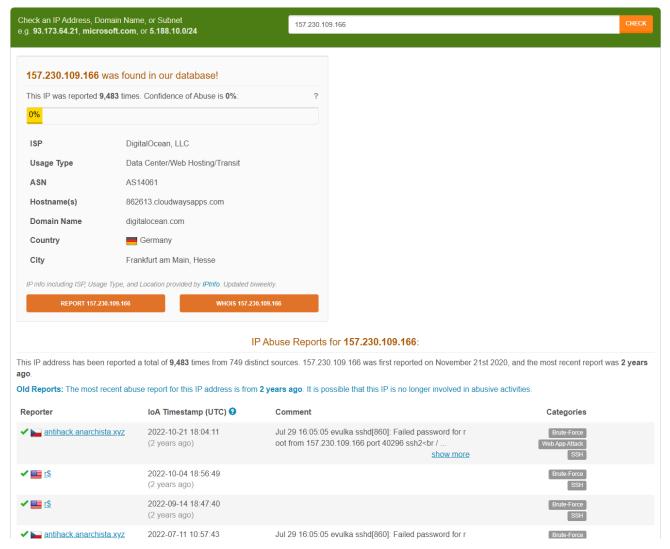
AbuseIPDB » 189.162.189.159



AbuseIPDB » 221.181.185.237



AbuseIPDB » 157.230.109.166

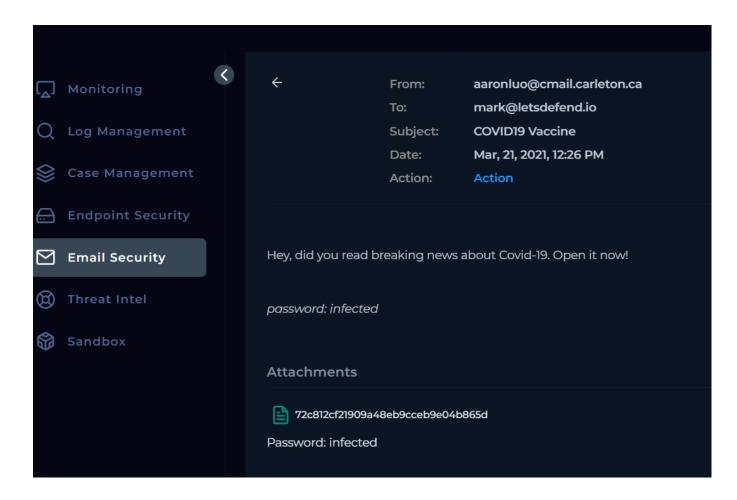


we can see that all of his ip addresses are reported.



we can see that he sent an email to 2 users in our company so we shall check them one by one.

lets begin with mark's first email:



file name: 72c812cf21909a48eb9cceb9e04b865d

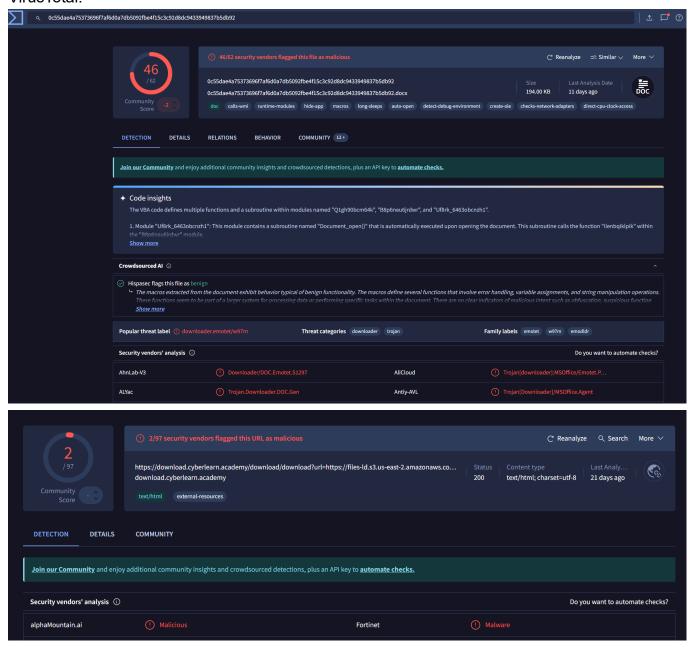
file address: https://download.cyberlearn.academy/download/download?url=https://files-

ld.s3.us-east-2.amazonaws.com/72c812cf21909a48eb9cceb9e04b865d.zip

Analyze URL Address

- AnyRun (buisness)
- VirusTotal
- URLScan
- HybridAnalysis
- AbuseIPDB

VirusTotal:



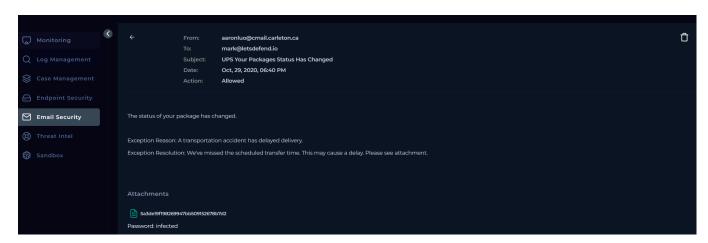
hybrid-analysis:

Search results for 0c55dae4a75373696f7af6d0a7db5092fbe4f15c3c92d8dc9433949837b5db $\frac{\$_{\text{Finite Process}}}{\sharp_{\text{1 Methods Finite}}}$ $\frac{\$_{\text{Complete Process}}}{\sharp_{\text{2 Methods Finite}}}$ $\frac{\$_{\text{Complete Process}}}{\sharp_{\text{2 Methods Finite}}}$ $\frac{\$_{\text{Complete Process}}}{\sharp_{\text{2 Methods Finite}}}$ $\frac{\$_{\text{Complete Process}}}}{\sharp_{\text{2 Methods Finite}}}}$ $\frac{\$_{\text{Complete Process}}}{\sharp_{\text{2 Methods Finite}}}}$ $\frac{\$_{\text{Complete Process}}}}{\sharp_{\text{2 Methods Finite}}}$ $\frac{\$_{\text{Complete Process}}}{\sharp_{\text{2 Methods Finite}}}}$ $\frac{\$_{\text{Complete Process}}}{\sharp_{\text{2 Methods Finite}}}}$ $\frac{\$_{\text{Complete Process}}}}{\sharp_{\text{2 Methods Finite}}}}$ $\frac{\$_{\text{Complete Process}}}}{\sharp_{\text{2 Methods Finite}}}$ $\frac{\$_{\text{Complete Process}}}}{\sharp_{\text{2 Methods Finite}}}}$ ☐ Copy hashes Select all Analysis Summary August 1st 2024 06:42:15 (UTC) Threat Score: 100/100 AV Detection: 81% Troj Windows 11 64 bit Matched 25 Indicators #macros-on-open 0c55dae4a75373696f7af6d0a7db5092fbe4f15c3c92d8dc9433949837b5db92.docx Composite Document File V2 Document, Little Endian, Os: Windows, Version 62, Co _ 0c55dae4a75373696f7af6d0a7db5092fbe4f15c3c92d8dc9433949837b5db92 December 6th 2022 05:07:43 (UTC) Threat Score: 100/100 Windows 10 64 bit AV Detection: 81% Trojana Matched 11 Indicators June 20th 2022 16:33:11 (UTC) file

Composite Document File V2 Document, Little Endian, Os: Windows, Version 6.2, Co... 0c55dae4a75373696f7af6d0a7db5092fbe4f15c3c92d8dc9433949837b5db92.docx Composite Document File V2 Document, Little Endian, Os: Windows, Version 6.2, Co _ 0c55dae4a75373696f7af6d0a7db5092fbe4f15c3c92d8dc9433949837b5db92 Threat Score: 93/100
AV Detection: 81% Trojan.G
Matched 15 Indicators June 29th 2021 21:01:22 (UTC) Windows 7 64 bit 0c55dae4a75373696f7af6d0a7db5092fbe4f15c3c92d8dc9433949837b5db92.docx
Composite Document File V2 Document, Little Endian, Os: Windows, Version 6.2, Co. December 1st 2020 05:13:55 (UTC)

both virustotal & hybrid-analysis flag it as a maleware.

now the 2nd mail that mark recived:

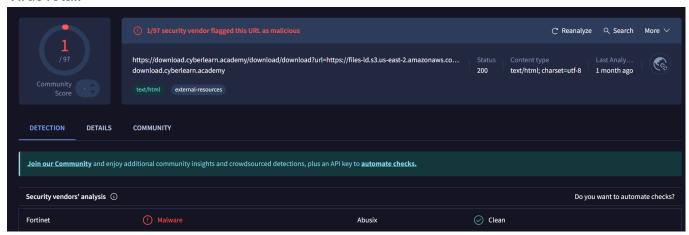


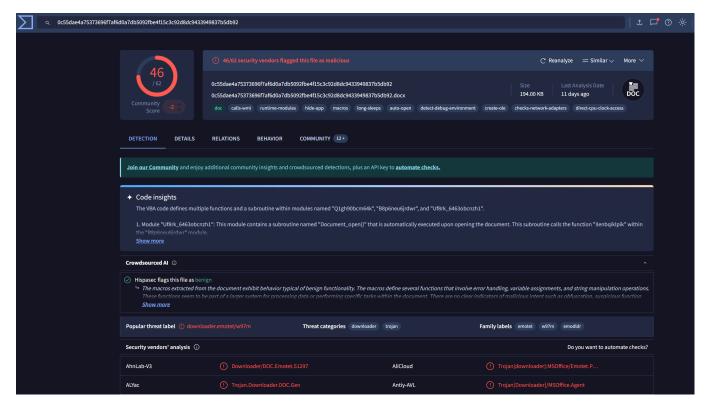
file name: 5a3de19f198269947bb509152678b7d2

file address: https://download.cyberlearn.academy/download/download?url=https://files-

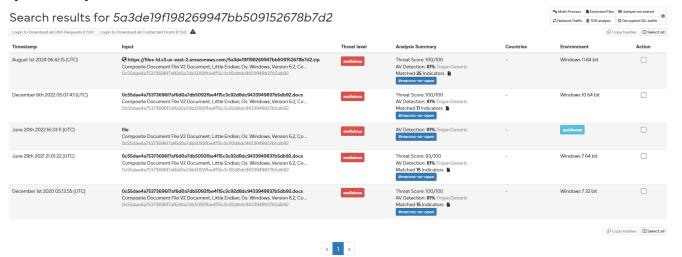
<u>ld.s3.us-east-2.amazonaws.com/5a3de19f198269947bb509152678b7d2.zip</u>

VirusTotal:



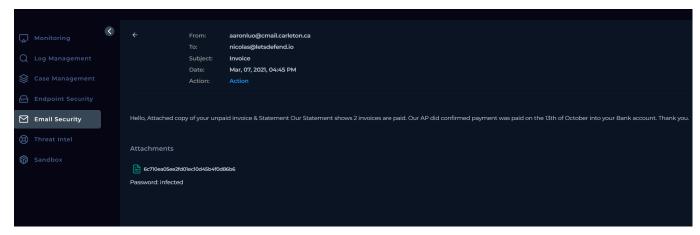


hybrid-analysis:



both virustotal & hybrid-analysis flag it as a maleware.

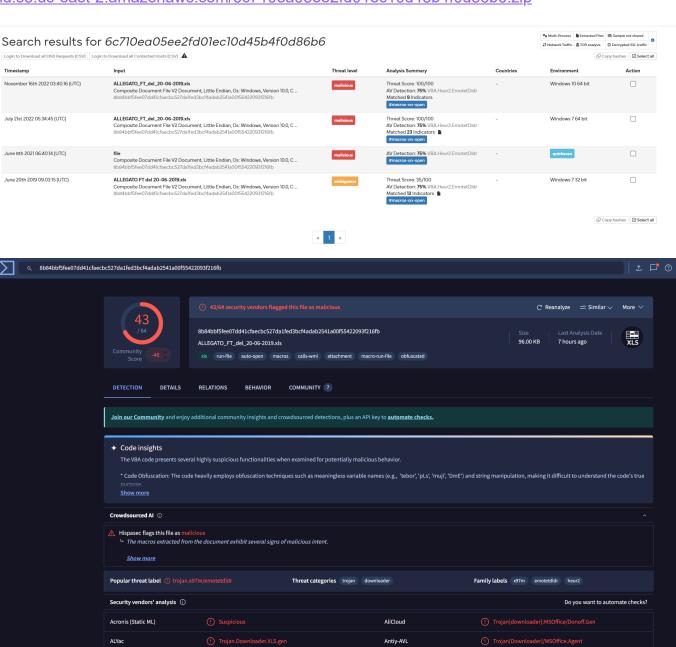
now lets move on to nicolas:



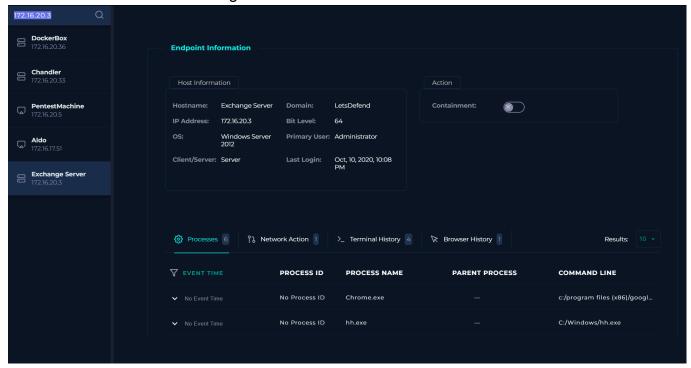
file name: 6c710ea05ee2fd01ec10d45b4f0d86b6

 $file\ address: \underline{https://download.cyberlearn.academy/download/download?url=\underline{https://files-properties.pdf} = \underline{https://download.cyberlearn.academy/download.download?url=\underline{https://download.cyberlearn.academy/download.down$

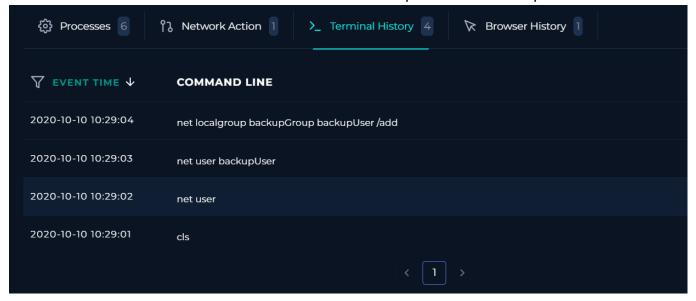
ld.s3.us-east-2.amazonaws.com/6c710ea05ee2fd01ec10d45b4f0d86b6.zip



now lets check the destination address: 172.16.20.3 and we see that it's the Exchange Server.



אני רואה בטרמינל שהפקודות נעשו עוד לפני קבלת המייל.



נראה שהעמדה לא הודבקה.

Analyst Note:

Phishing mail blocked – subject "COVID19 Vaccine" sent from <code>aaronluo@cmail.carleton.ca</code> to two users (mark, nicolas) with <code>.zip</code> files flagged as malware (VT & Hybrid Analysis). Attacker IPs: 189.162.189.159, 221.181.185.237, 157.230.109.166. No infection found.

Close Alert Note:

True Positive – Phishing email with subject "COVID19 Vaccine" sent to two users. Contained malicious .zip files flagged by VT & Hybrid Analysis. Source IPs confirmed malicious in OSINT. Email blocked. No execution or compromise detected.