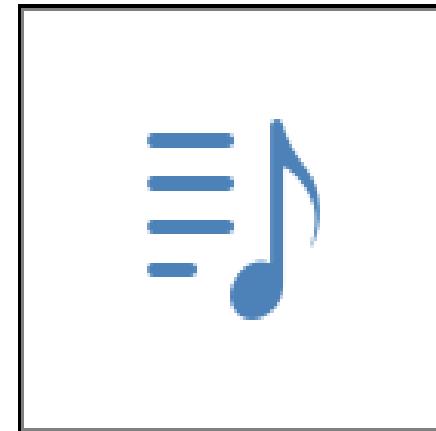


# Lab 2: Open- Source Intelligence (Passive Recon)

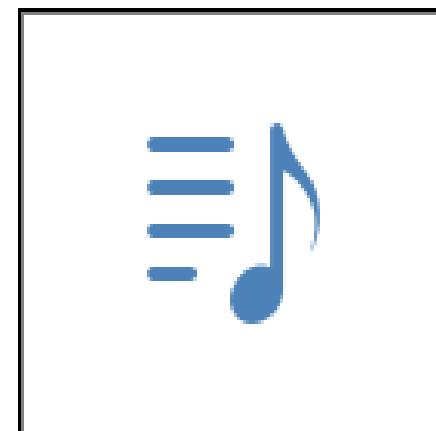
Company:  
Target

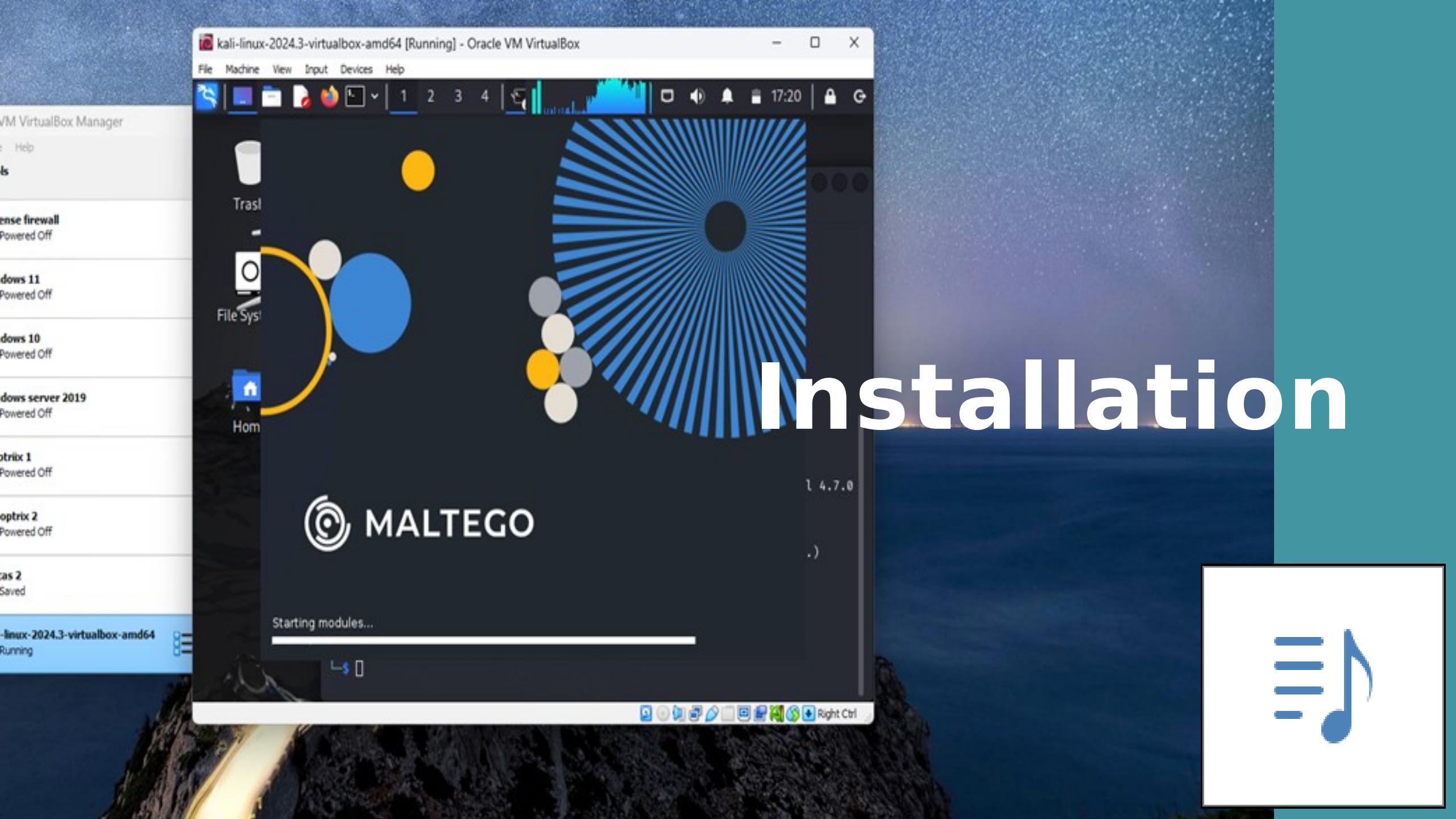


# Objectives

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- Research a Fortune 500 Company and one of its C-suite officers to extract as much passive data.
- Present the findings of your attack (Screenshots)
- Define the stage of cyber operations
- Examine attack vectors used to proceed with active recon.
- Legal authorities and ethical considerations from a Christian perspective

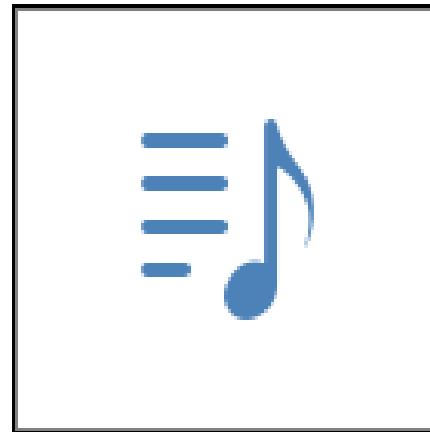
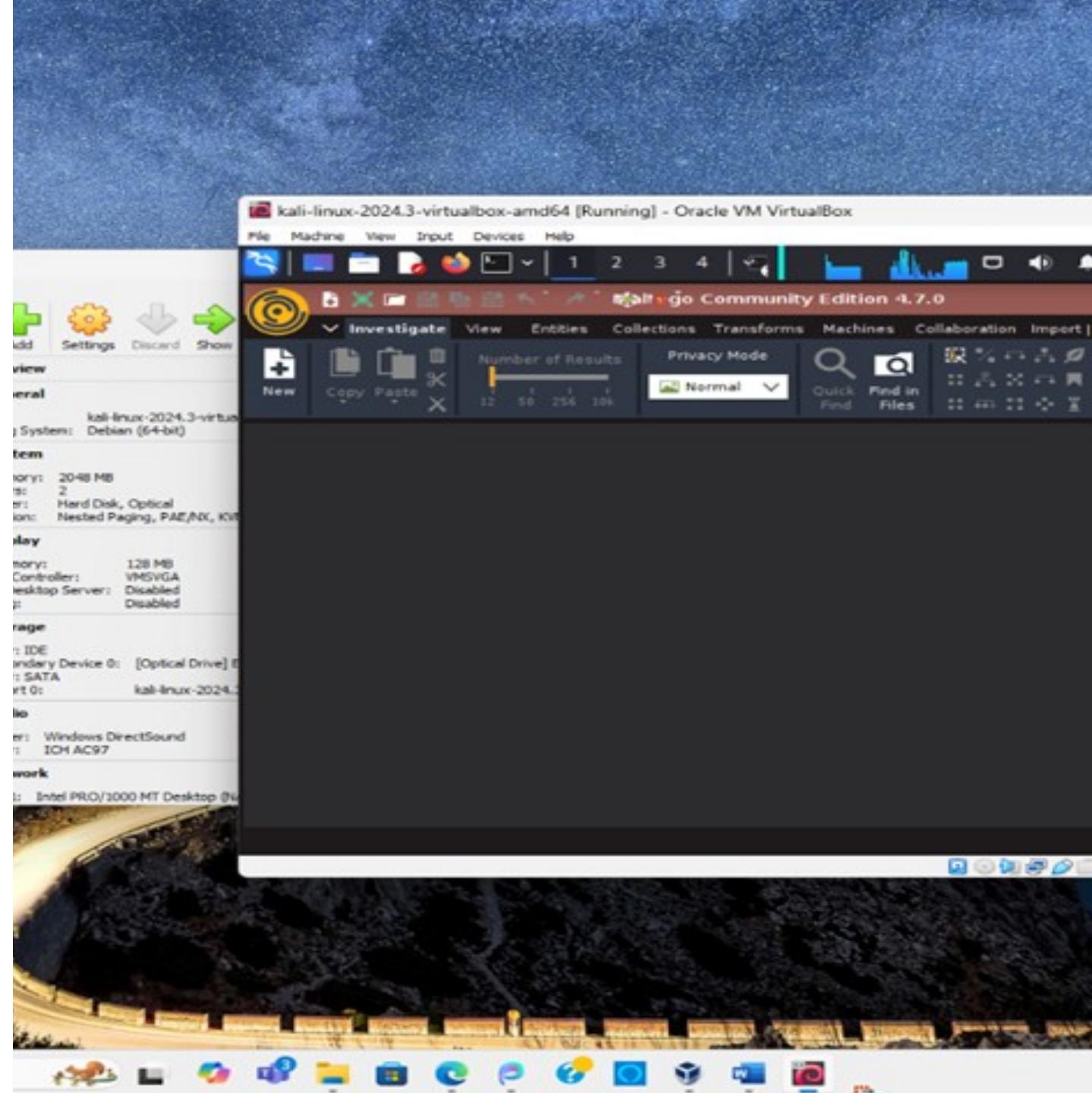




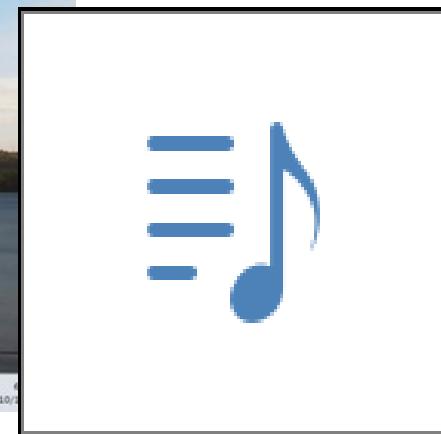
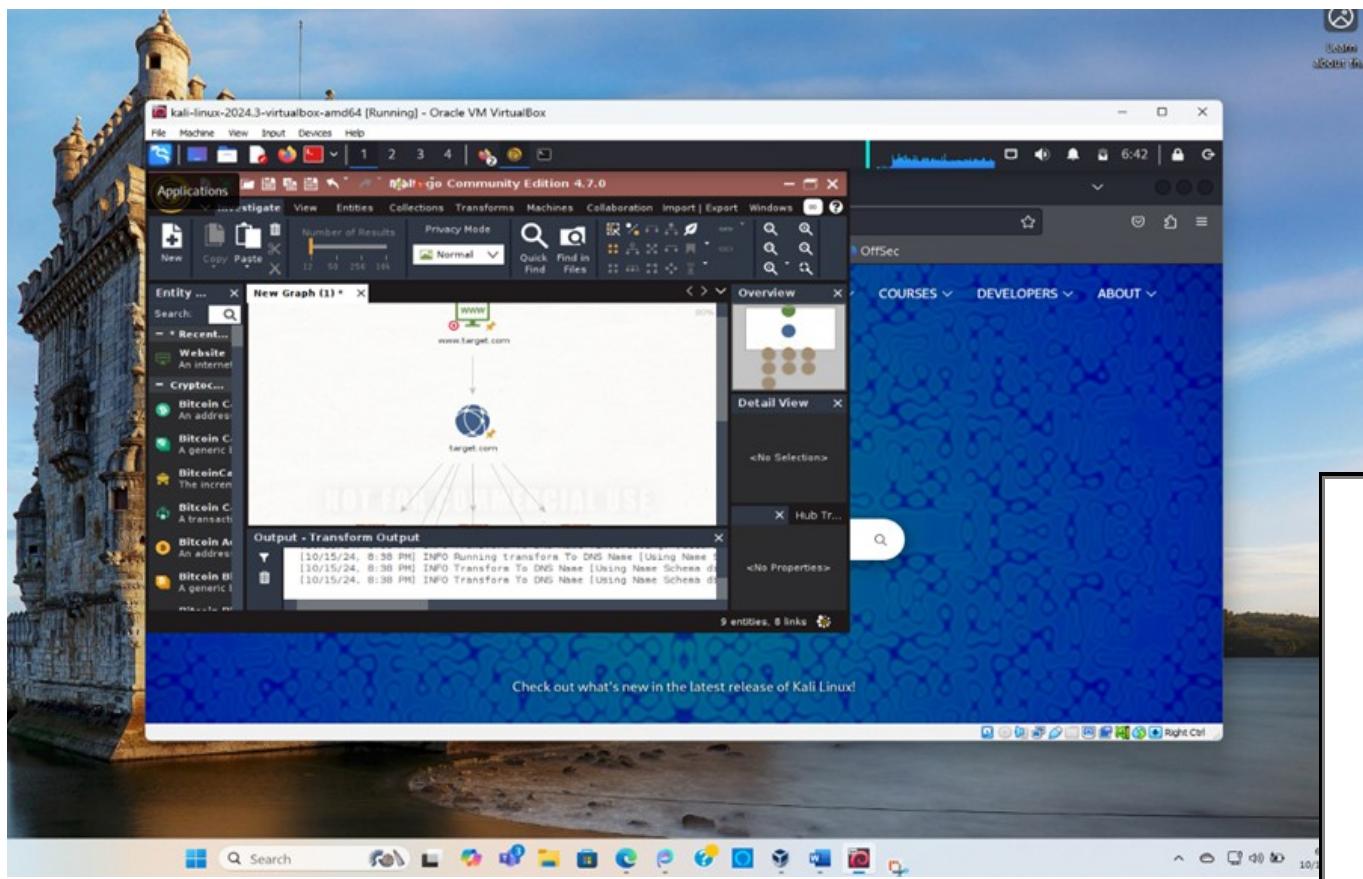
# Installation

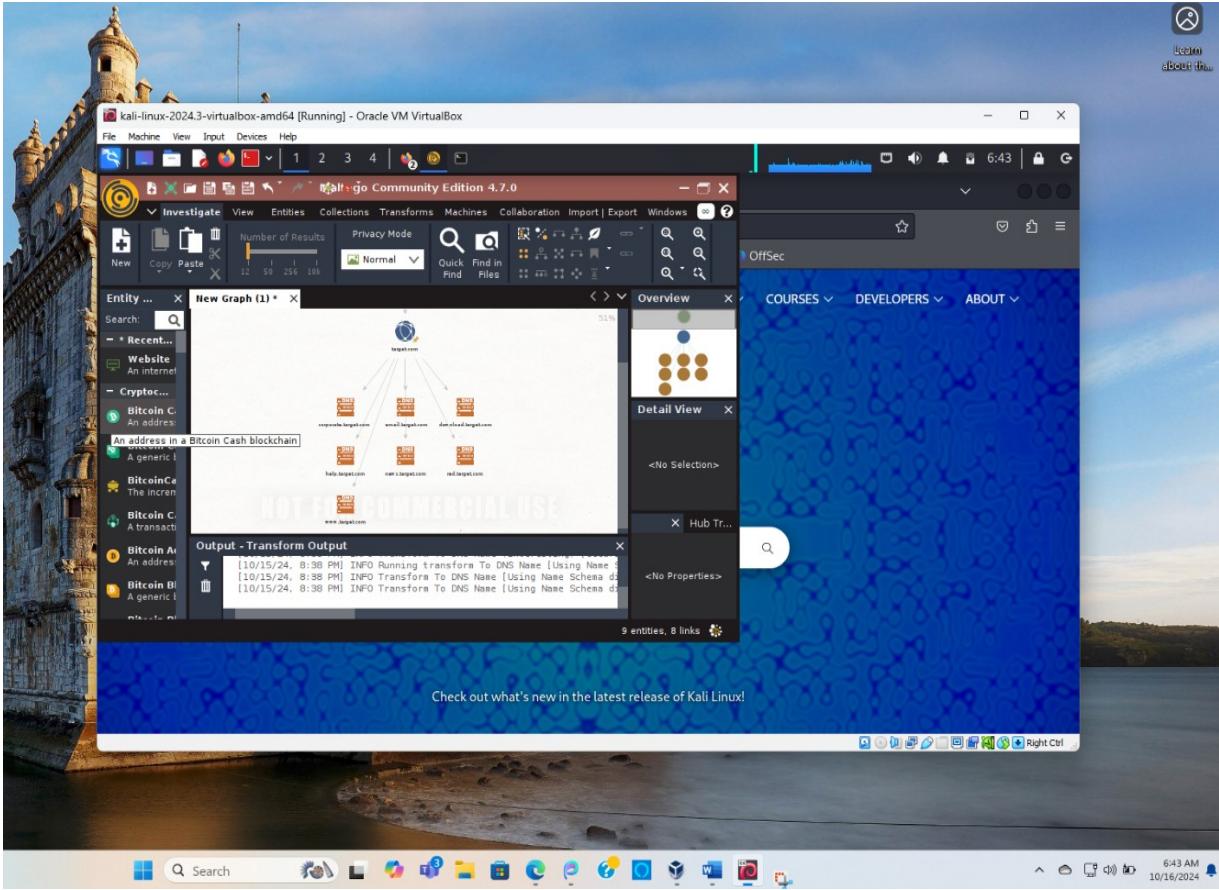


# Free version of **Maltego** **(CE)**



**Passive recon, clicked on “new”, blank graph pop-up. Scrolled from the left side under “entity component palette” and clicked on website.**



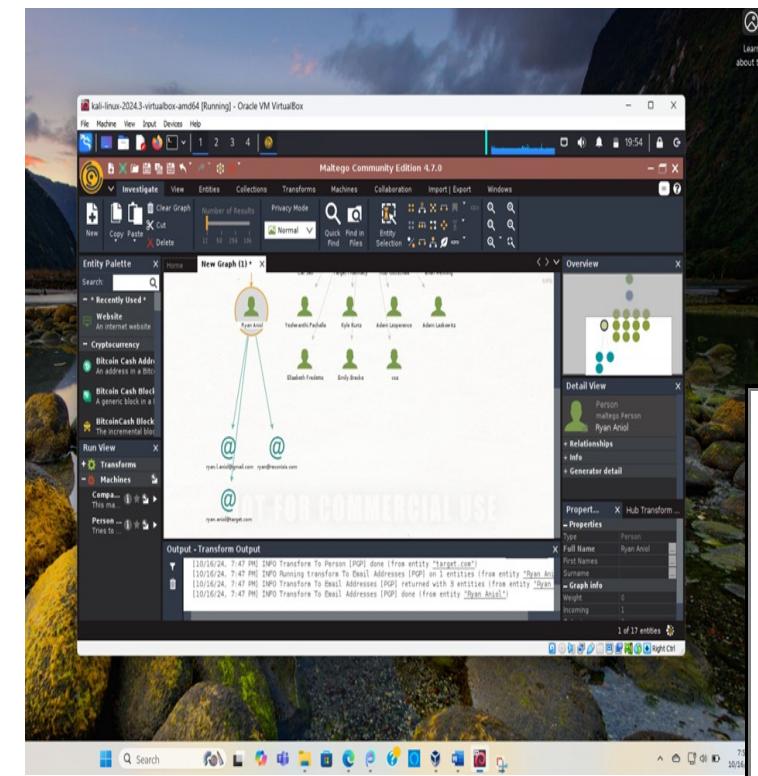
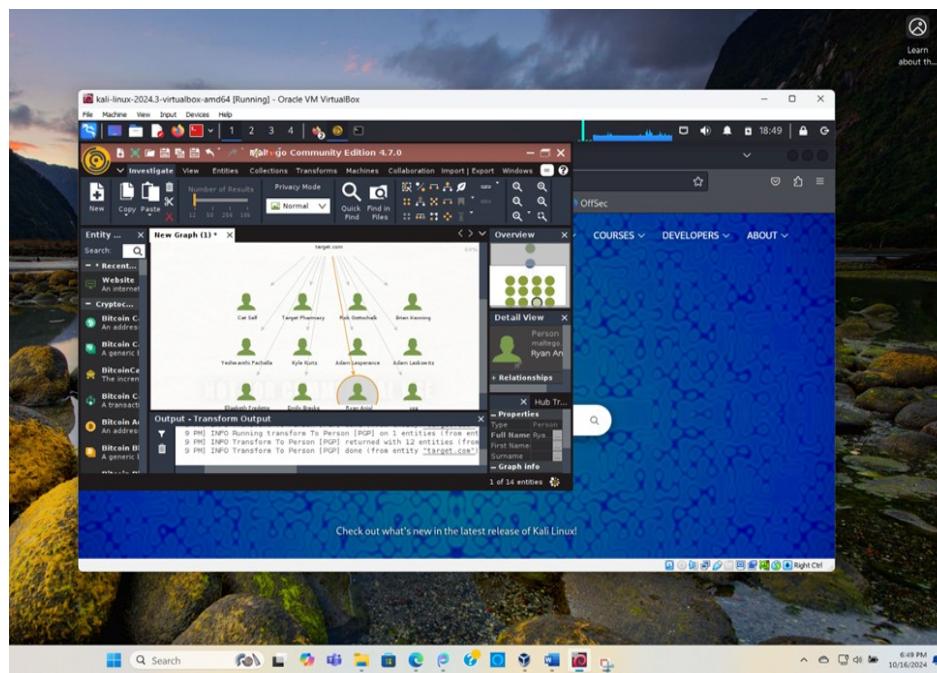


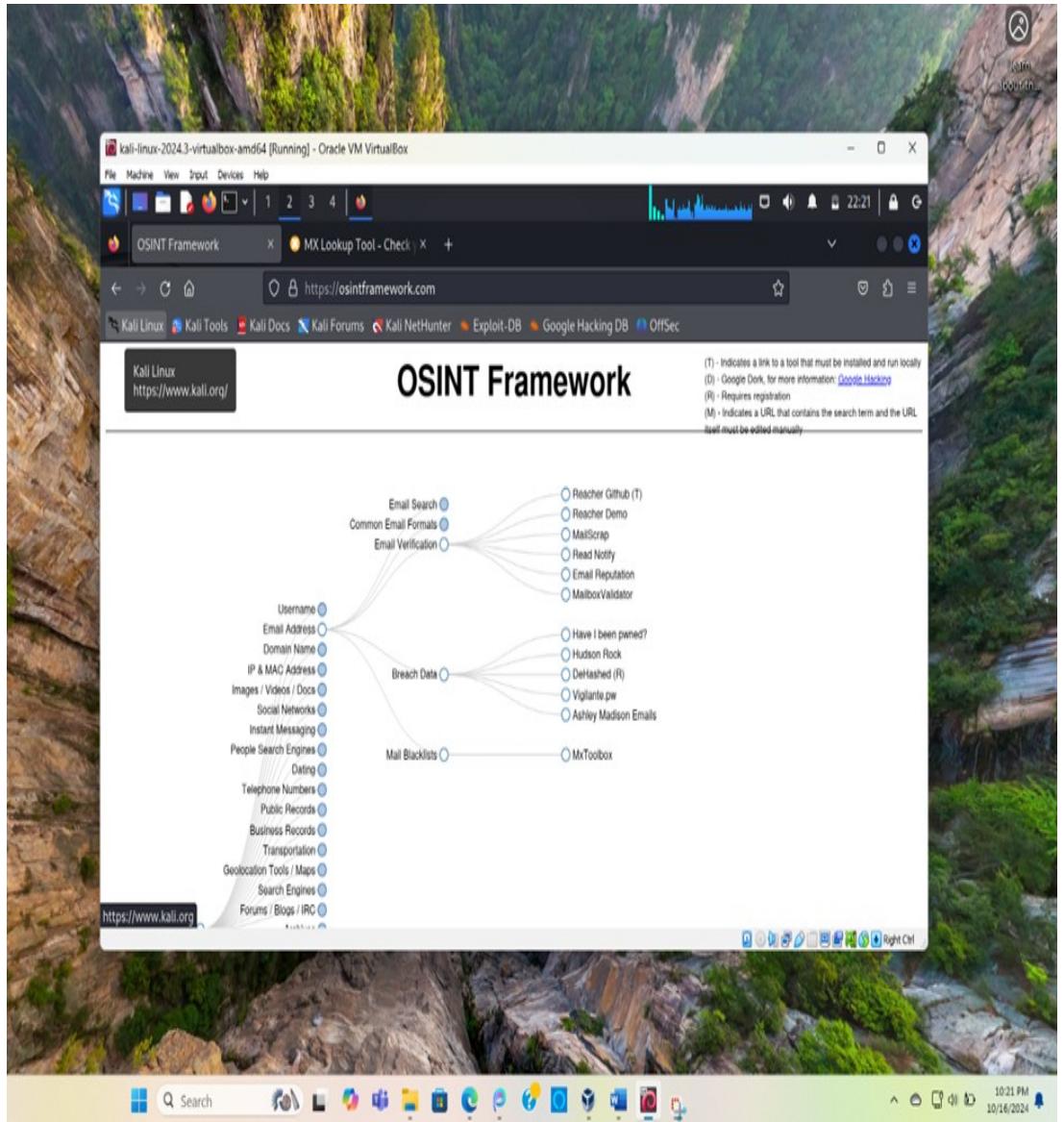
Dragged the website into the graph and changed it to “[www.target.com](http://www.target.com)” then clicked on “ok” and see what happened

results were returned with 7 entities



Ran another search using “To Person (PGP)” and 12 entities was found. Using Ryan as my target, 3 email addresses was discovered.



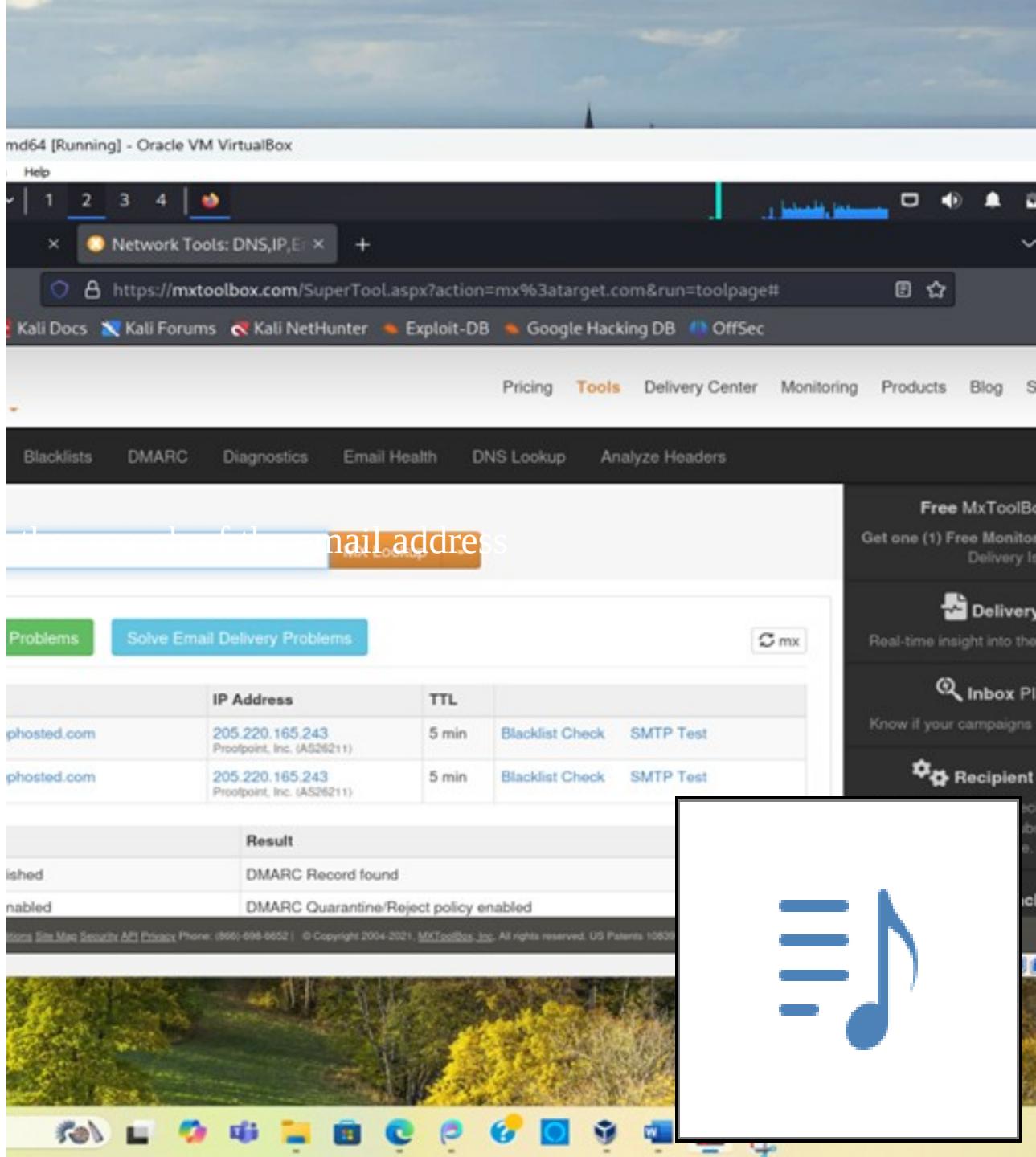


# OSINT FRAMEWORK

OSINT FRAMEWORK



# Mx Toolbox was used to do a further search of the email address

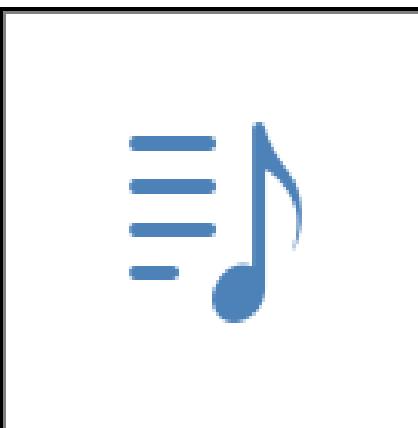


# Define the stage of cyber operations in which we are currently operating

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## Passive Reconnaissance

1. OSINT (Open Source Intelligence).
2. DNS lookups records for domain information.
3. Maltego to map email addresses, phone numbers, and online connections.



# Spear Phishing Email

October 16<sup>th</sup>, 2024

Subject: Urgent: Action Required for Upcoming Board Meeting

From: ceo.johndoe@target.com

To: assistant.ryan@target.com

Hello Ryan,

I hope you're doing well! Can you help me with a small but urgent task before the board meeting next week? I'm attaching the confidential meeting agenda and some sensitive data that needs your immediate review. Please open the document and make any necessary corrections before forwarding it to the rest of the team.

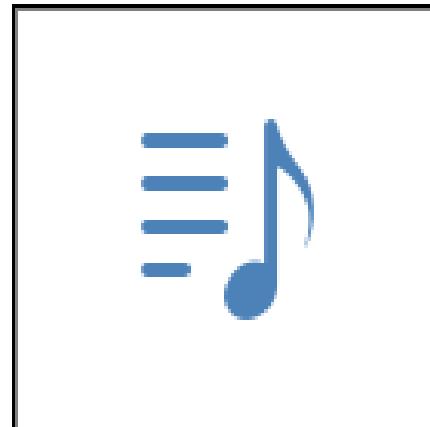
[malicious link disguised as a trusted service].

Let me know once you've reviewed it. Thank you so much for your help!

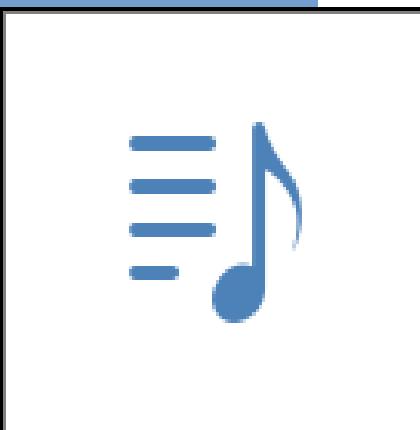
Best regards,

John Doe

CEO, Target Inc.



# **Legal authorities and ethical consideration from a Christian perspective**



# Thank you

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**Tenisha L Fermine**  
**CyberSecurity Student**

