

Student:

Karan Atul Vora

Email:

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Time on Task:

3 hours, 1 minute

Progress:

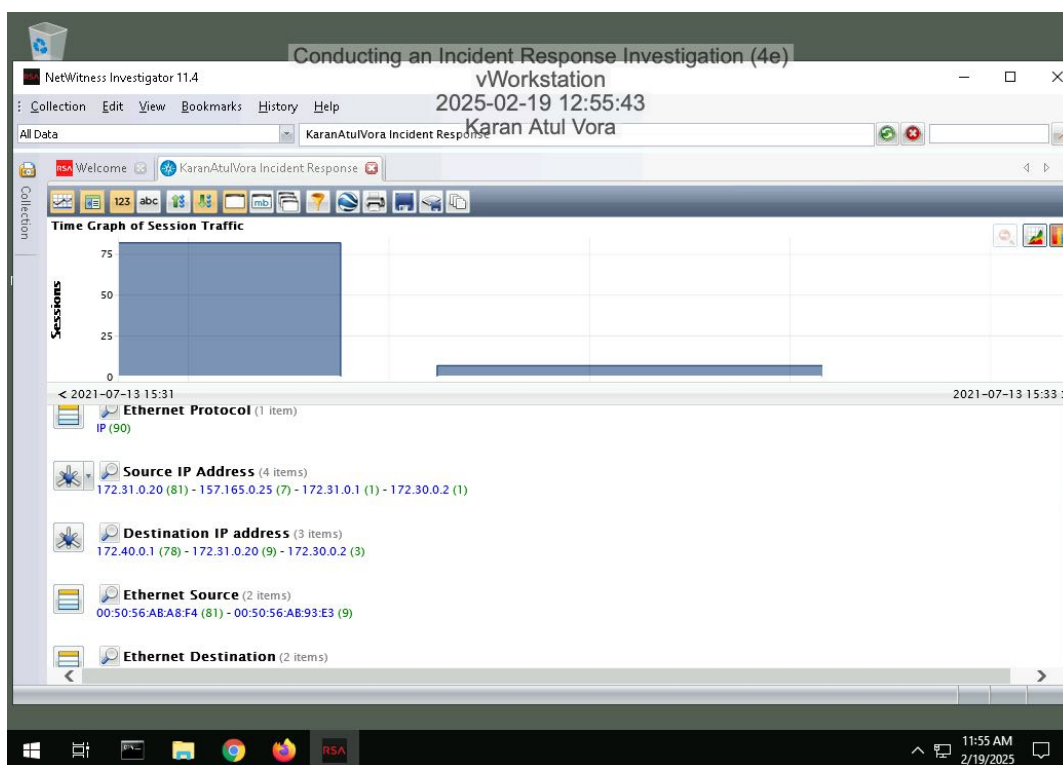
100%

Report Generated: Monday, February 24, 2025 at 4:30 PM

## Section 1: Hands-On Demonstration

### Part 1: Analyze a PCAP File for Forensic Evidence

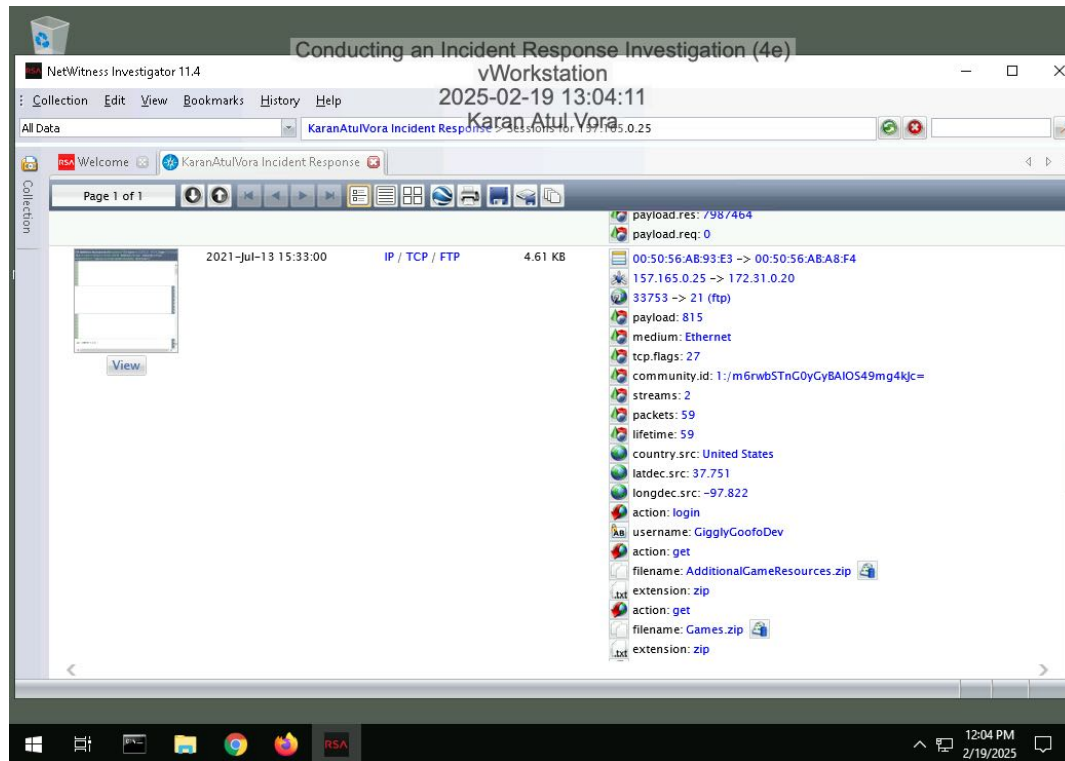
10. Make a screen capture showing the Time Graph.



# Conducting an Incident Response Investigation (4e)

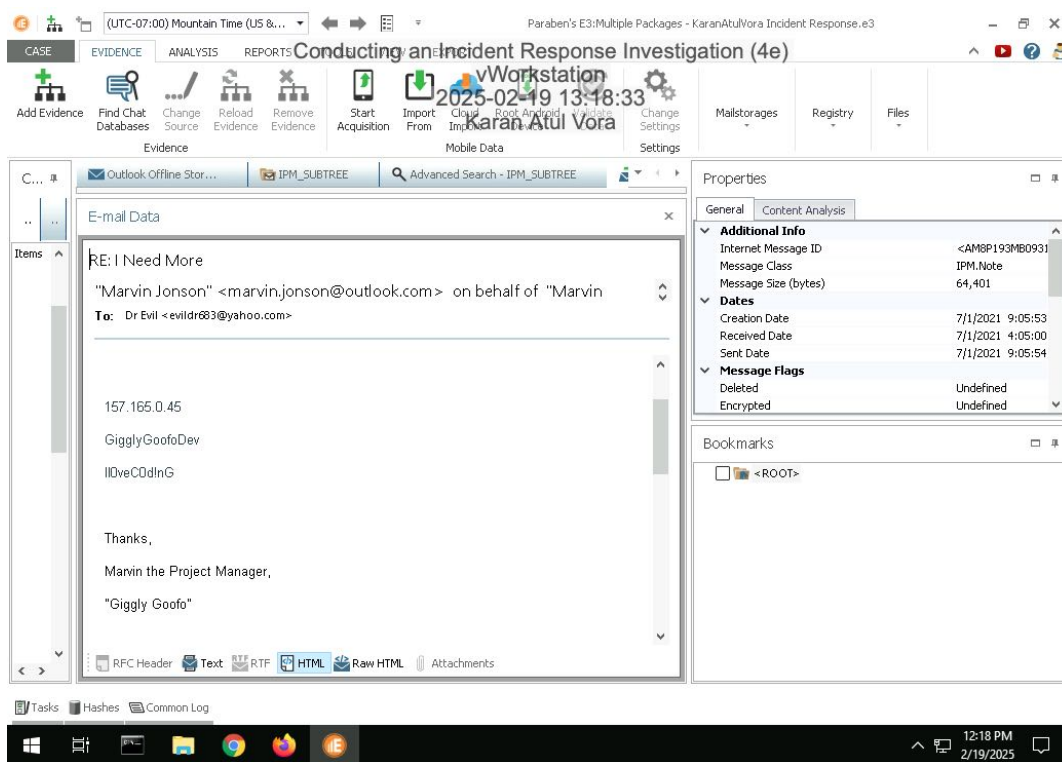
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16. Make a screen capture showing the details of the 2021-Jul-13 15:33:00 session.



## Part 2: Analyze a Disk Image for Forensic Evidence

18. **Make a screen capture** showing the **email containing FTP credentials and the associated timestamps**.



## Part 3: Prepare an Incident Response Report

### Date

Insert current date here.

February 19, 2025

### Name

Insert your name here.

Karan Atul Vora

### Incident Priority

Define this incident as High, Medium, Low, or Other.

High

## Conducting an Incident Response Investigation (4e)

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### Incident Type

Include all that apply: Compromised System, Compromised User Credentials, Network Attack (e.g., DoS), Malware (e.g. virus, worm, trojan), Reconnaissance (e.g. scanning, sniffing), Lost Equipment/Theft, Physical Break-in, Social Engineering, Law Enforcement Request, Policy Violation, Unknown/Other.

Compromised system, Compromised User Credentials

### Incident Timeline

Define the following: Date and time when the incident was discovered, Date and time when the incident was reported, and Date and time when the incident occurred, as well as any other relevant timeline details.

**Discovered** - February 19, 2025 1:25:00 PM **Reported** - February 19, 2025 1:29:00 PM **Occurred** - July 1, 2021 9:05:54 AM

### Incident Scope

Define the following: Estimated quantity of systems affected, estimated quantity of users affected, third parties involved or affected, as well as any other relevant scoping information.

systems affected - 1 estimated quantity of users affected - 1 third parties involved or affected - 1 as well as any other relevant scoping information - File Transfer

### Systems Affected by the Incident

Define the following: Attack sources (e.g., IP address, port), attack destinations (e.g., IP address, port), IP addresses of the affected systems, primary functions of the affected systems (e.g., web server, domain controller).

Attack Source (157.165.0.25,33753) Attack Destination (172.31.0.20,21) Web server

### Users Affected by the Incident

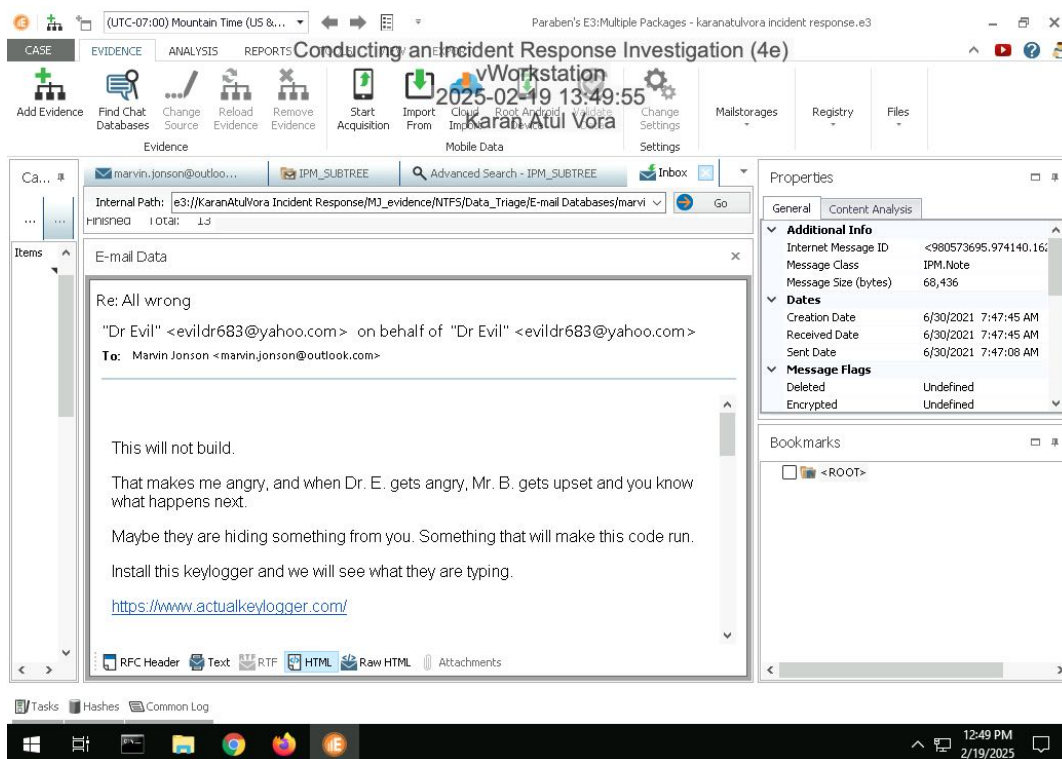
Define the following: Names and job titles of the affected users.

Marvin ,Project Manager

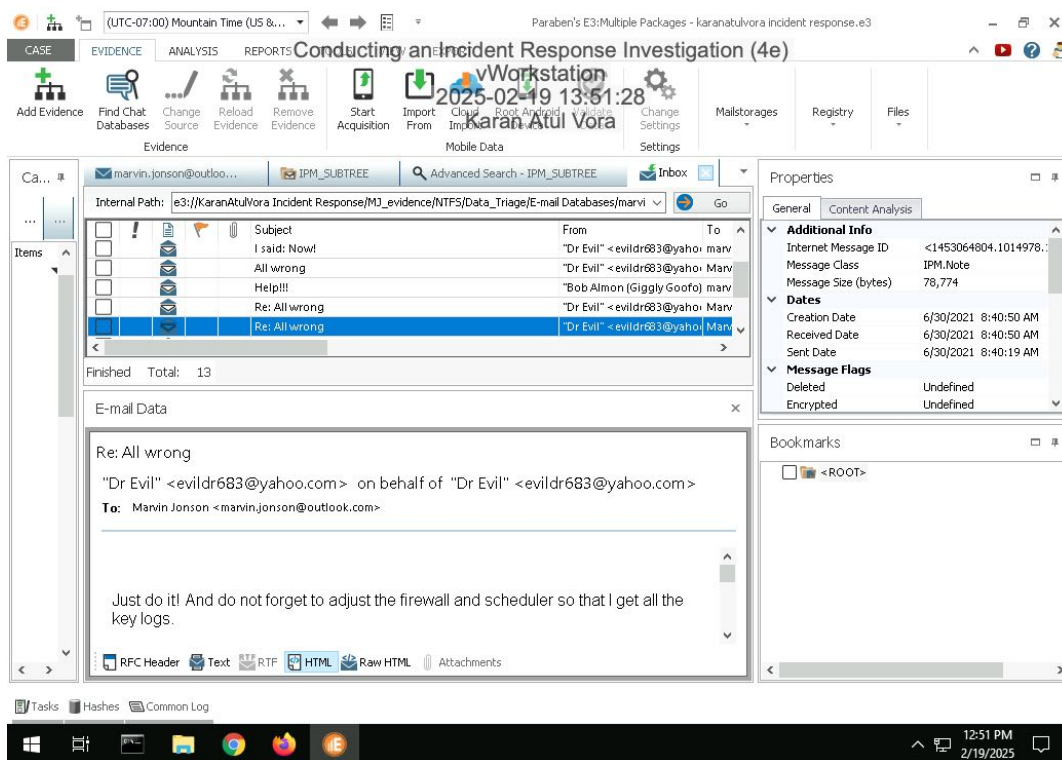
## Section 2: Applied Learning

### Part 1: Identify Additional Email Evidence

10. Make a screen capture showing the email from Dr. Evil demanding Marvin install a keylogger.



11. **Make a screen capture** showing the **email from Dr. Evil** reminding Marvin to update the **firewall and scheduler**.



## Part 2: Identify Evidence of Spyware

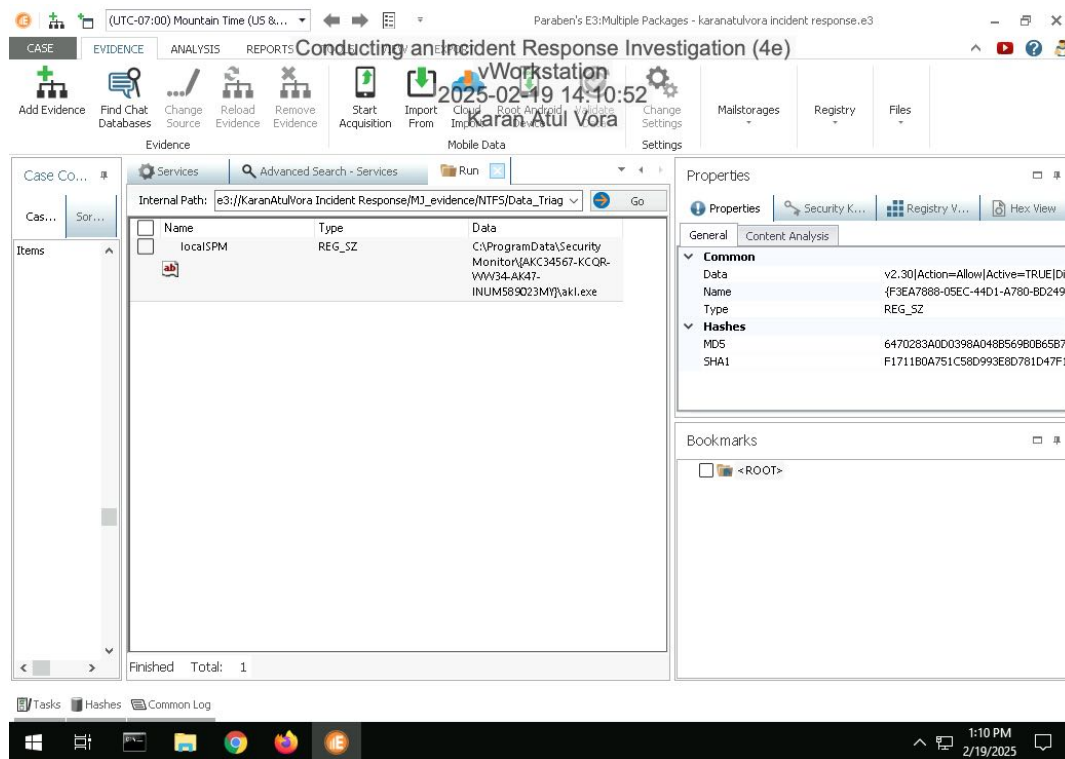
5. **Document** the Author and Date values associated with the scheduled keylogger task.

Author - DESKTOP-CGRK7LT\MarvinJonsom Date - 2021-06-30T14:16:23:2705256

7. **Document** the port used for inbound connections to the keylogger and the name and location of the keylogger executable.

port=666 name=akl.exe location=C:\ProgramData\Security Monitor\{AKC34567-KCQR-WW34-AK47-INUM589O23MY}\akl.exe

9. **Make a screen capture** showing the **registry key value associated with the keylogger and the localSPM service.**



15. **Record** the first time and last time the keylogger was started.

first time - June 30, 2021 9:11:23 PM last time - June 30, 2021 9:36:42 PM

17. **Record** whether Marvin interacted with or simply opened the keylogger.

Marvin Interacted with the Keylogger

## Part 3: Update an Incident Response Report

**Date**

Insert current date here.

February 19, 2025

## Conducting an Incident Response Investigation (4e)

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### **Name**

Insert your name here.

Karan Atul Vora

### **Incident Priority**

Has the incident priority changed? If so, define the new priority. Otherwise, state that it is unchanged.

No

### **Incident Type**

Has the incident type changed? If so, define any new incident type categories that apply. Otherwise, state that it is unchanged.

Malware Installed and Firewall Configuration opened

### **Incident Timeline**

Has the incident timeline changed? If so, define any new events or revisions in the timeline.  
Otherwise, state that it is unchanged.

Occurred - July 30, 2021 9:11:23 PM

### **Incident Scope**

Has the incident scope changed? If so, define any new scoping information. Otherwise, state that it is unchanged.

Unchanged

### **Systems Affected by the Incident**

Has the list of systems affected changed? If so, define any new systems or new information.  
Otherwise, state that it is unchanged.

Unchanged

### **Users Affected by the Incident**

Has the list of users affected changed? If so, define any new users or new information. Otherwise, state that it is unchanged.

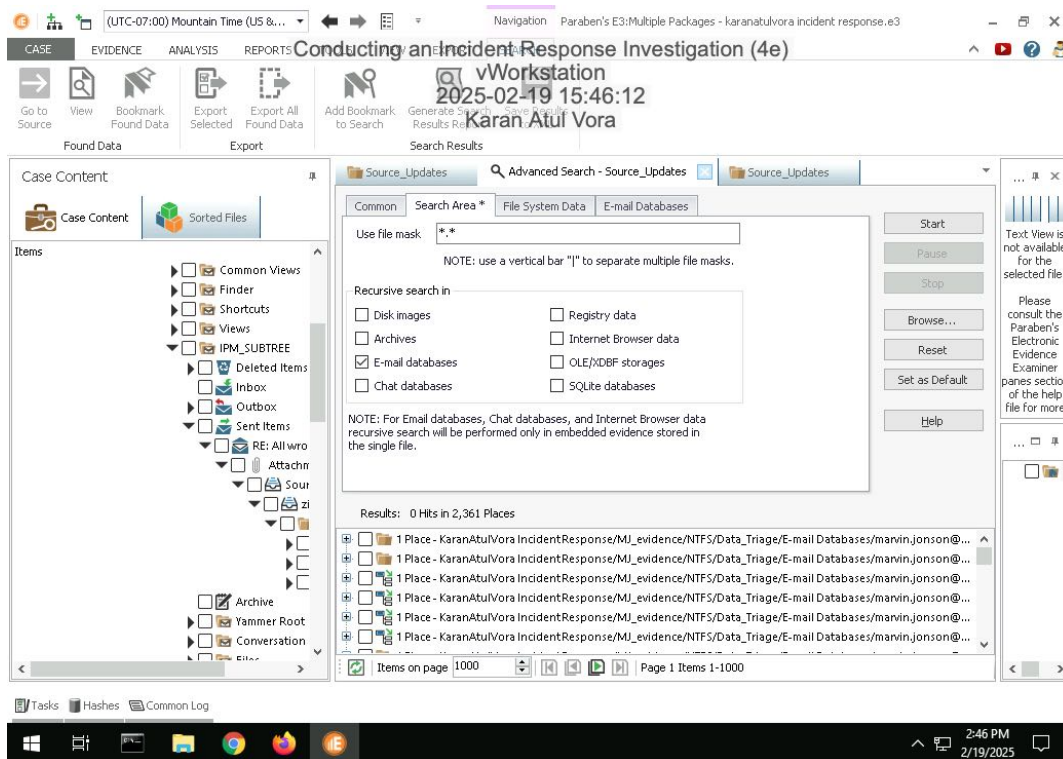
Unchanged(All the users that might have logged in on the system that is compromised as the key logger was set on the machine)



## Section 3: Challenge and Analysis

### Part 1: Identify Additional Evidence of Data Exfiltration

Make a screen capture showing an **exfiltrated file** in Marvin's Outlook database.



### Part 2: Identify Additional Evidence of Spyware

# Conducting an Incident Response Investigation (4e)

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Make a screen capture showing the email with instructions for installing additional spyware.

