Okay-bommer (2019-11-12)

https://www.malware-traffic-analysis.net/2019/11/12/index.html

1-1. 구성 환경

구성 환경

LAN segment range: 10.11.11.0/24 (10.11.11.0 through 10.11.11.255)

Domain: okay-boomer.info

Domain controller: 10.11.11.11 - Okay-Boomer-DC

LAN segment gateway: 10.11.11.1

LAN segment broadcast address: 10.11.11.255

TIP

1. 사이트에 접속한 운영체제나 디바이스 타입을 알고 싶을 때 Wireshark 필터 http.request and ip.addr eq x.x.x.x

2. IP주소의 Mac adress을 알고 싶을 때 Wireshark 필터 ip.src eq x.x.x.x

- 3. 사이트에 접속한 Host name, Account name을 알고 싶을 때 wireshark 필터 kerberos.CnameString and ip.addr eq x.x.x.x
- 4. 파일 추출 및 SHA 파일 출력

파일 추출 : 패킷 오른쪽 클릭 -> Follow -> TCP Stream

SHA 파일 출력: shasum -a 256 filename

5. 악성코드분석 사이트

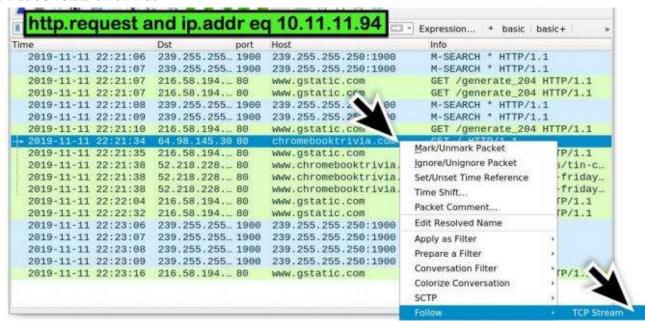
https://www.virustotal.com

70 개의 악성코드 분석 엔진의 해쉬값 비교를 통해 악성 여부를 판단하여 결과를 보여줌 Malware.com 결과와 함께 비교해서 판단하면 좀 더 정확하게 악성 여부에 대한 판단이 가능

1-2. 문제 및 해답

문제 및 해답

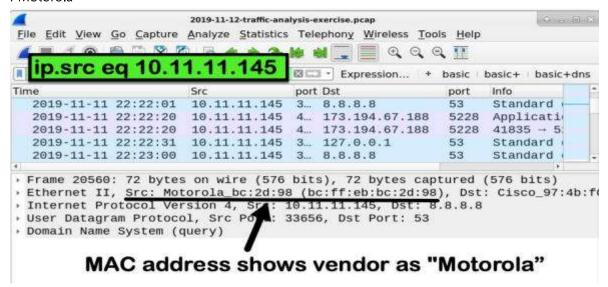
- Q. What operating system and type of device is on 10.11.11.94?
- : ChromeOS on a Chromebook
- Q. What operating system and type of device is on 10.11.11.121?
- : Samsung Galaxy Note 8
- Q. What operating system and type of device is on 10.11.11.179?
- : macOS 10.15.1 (Catalina) on a Mac (desktop or Macbook)
- Q. What version of Windows is being used on the host at 10.11.11.195?
- : Windows 10
- Q. What operating system and type of device is on 10.11.11.217?
- : iPadOS 13.2.2 on an iPad





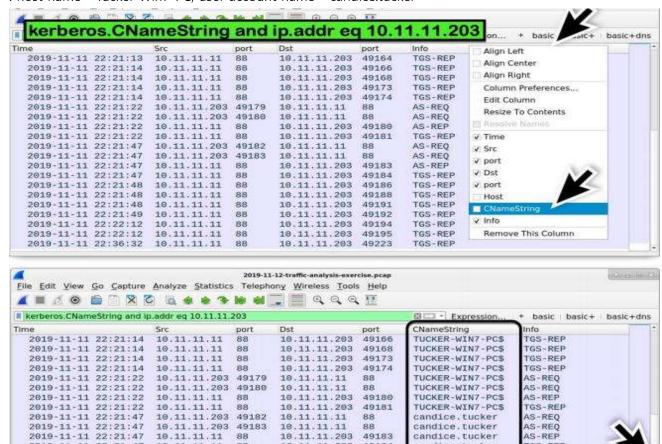
Q. Based on the MAC address for 10.11.11.145, who is the manufacturer or vendor?

: Motorola



- Q. What is the user account name used to log into the Windows host at 10.11.11.200?
- : brandon.gilbert
- Q. What is the host name and Windows user account name used on that IP address?

: host name - Tucker-Win7-PC, user account name - candice.tucker



Q. What IP is a Windows host that downloaded a Windows executable file over HTTP?

: 10.11.11.203

Q. What is the URL that returned the Windows executable file?

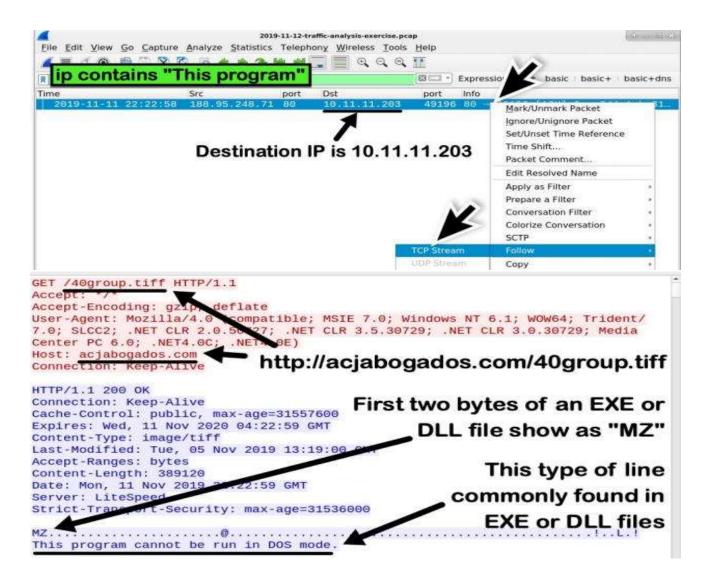
: http://acjabogados.com/40group.tiff

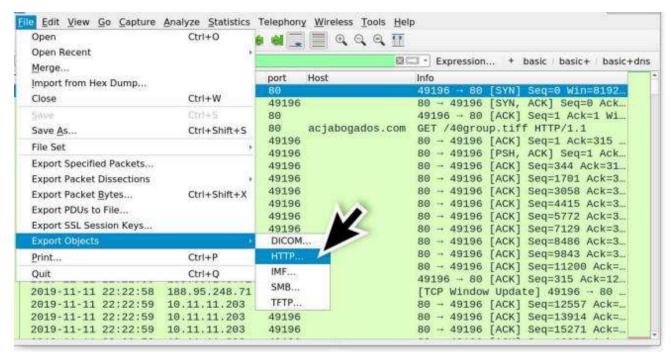
Q. What is the SHA256 file hash for that Windows executable file?

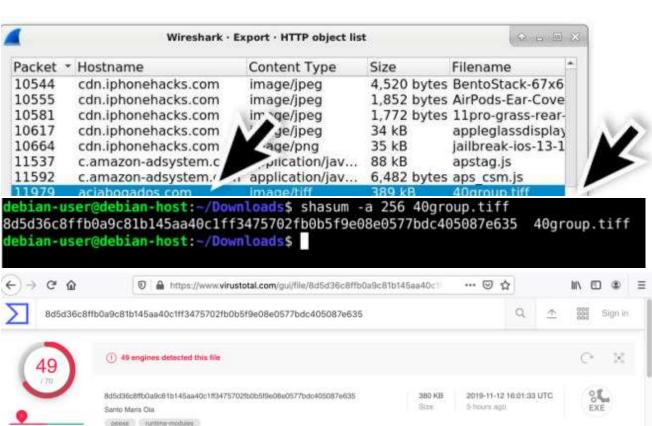
: 8d5d36c8ffb0a9c81b145aa40c1ff3475702fb0b5f9e08e0577bdc405087e635

Q. What is the detection rate for that SHA256 hash on VirusTotal?

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Q. What public IP addresses did that Windows host attempt to connect over TCP after the executable file was downloaded?

: 5.188.108.58 and 138.201.6.195

and ip.addr eq 10.11.11.203 and !(ip.dst eq 10.11.11.11)

