



Cyber Struggle

TRAINING THE SPECIAL FORCES OF CYBER WORLD

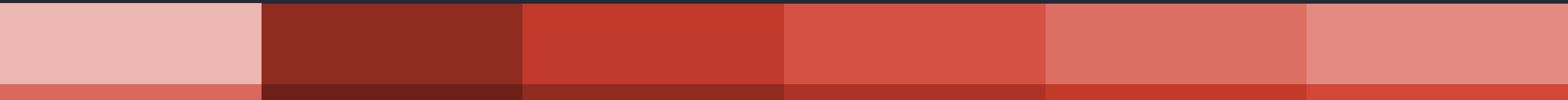
Leery Turtle APT

Details of Global Cryptocurrency Heist Operations



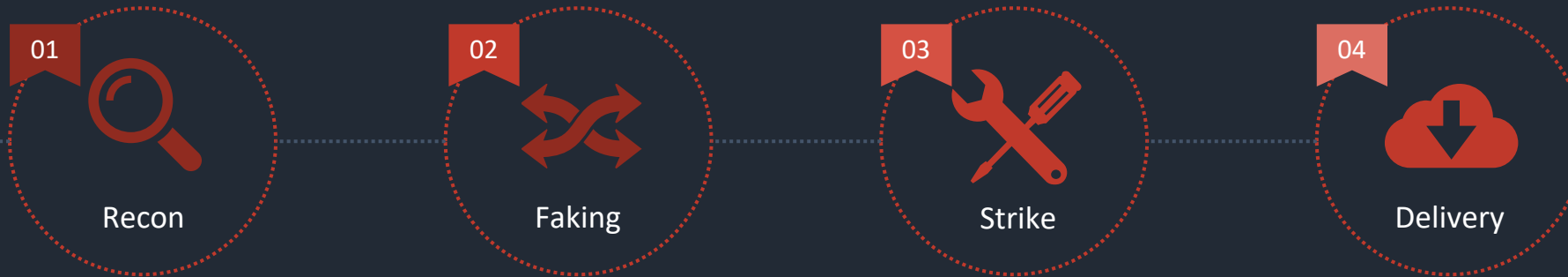
ATTRIBUTION

Yet another **problem** in cyberspace



Operation Flow

slow but **cautious**



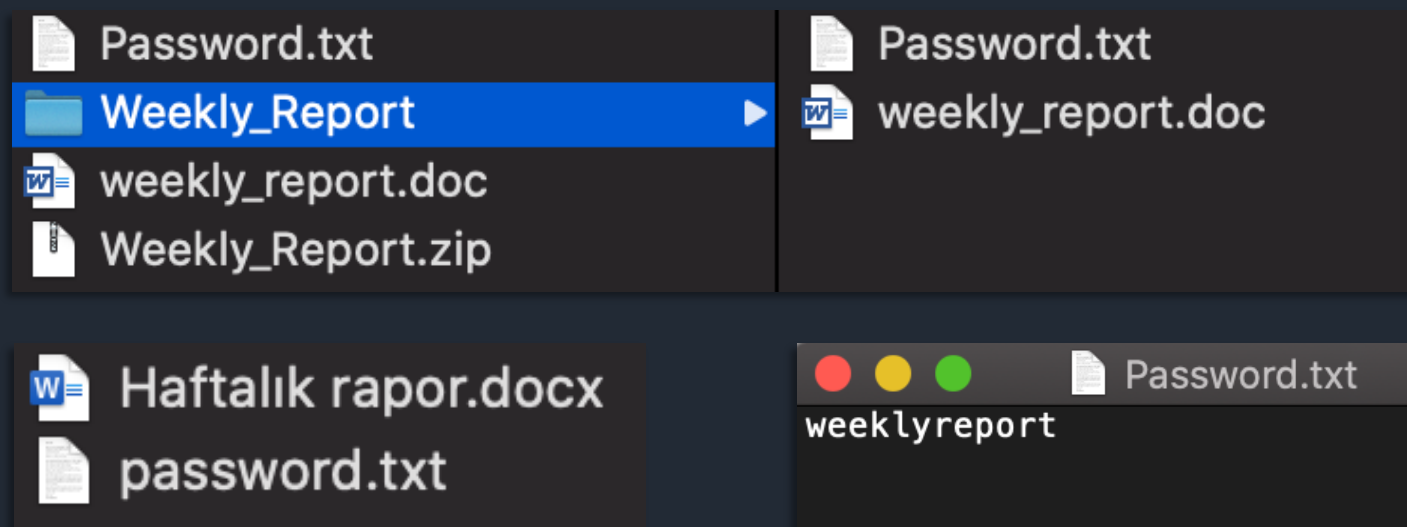
Reconnaissance

1. Impersonation is their main tactic. Therefore extensive information gathering is done.
2. Name of executives, employees, the organizational structure, contact information.
3. It was observed that the attacker had organizational awareness in their targeting.
4. In one incident the attacker went so far as to impersonate an executive's wife (which was not public info).

Faking

1. In this stage the attackers “fake” an attack (i.e. Sending **non-malicious** files) with the purpose of profiling behavior of their targets.
2. Who will **open** the mail?
3. Who will **download** the file?
4. Will that trigger an **investigation**?



Faking



Strike

1. This time the attackers send malware dropper to the **weakest targets**.
2. Phishing content mimics cloud storage services (Onedrive, Gdrive, Yandex disk).
3. Links are always shortened with common services (bitly, tinyurl).
4. The ZIP archive contains a LNK file pretending to be "Password.txt". However other file types have also been observed.
5. If double-clicked, this shortcut will download and run a VBS file through **Mshta.exe**

Strike

 Yıl Sonu Bon...Programı.pdf
 Password.txt.Ink

Target type: Application

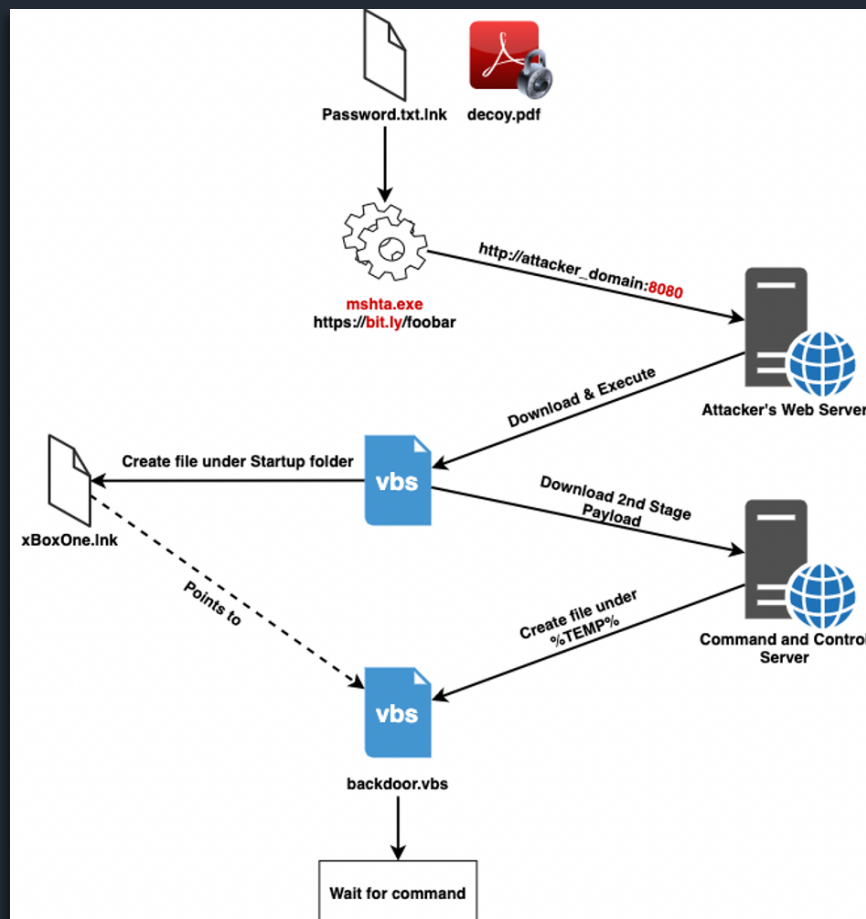
Target location: System32

Target:

Delivery

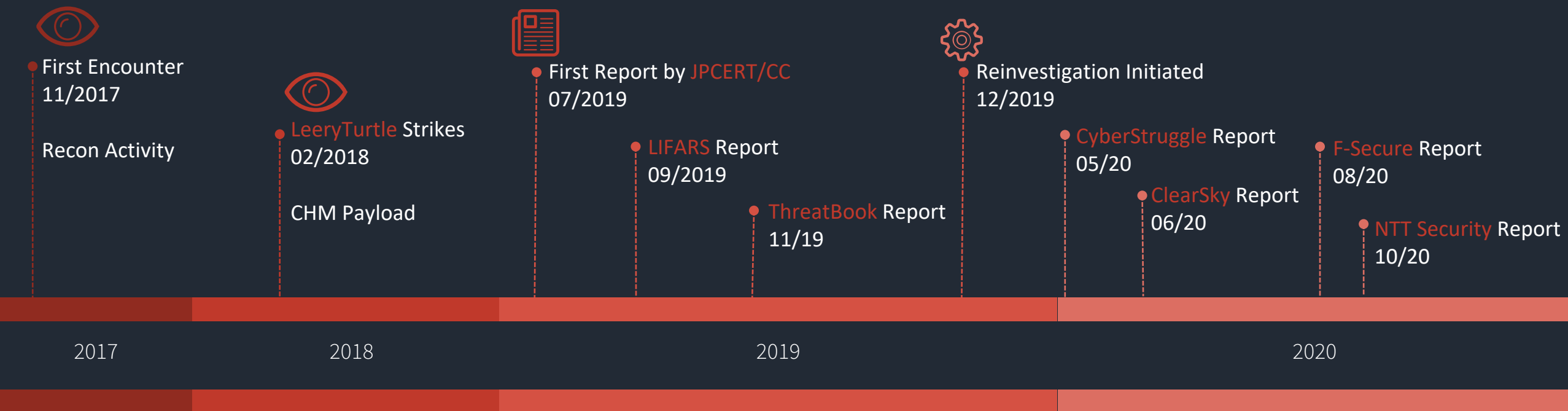
1. The attackers are very careful at this stage. They want to make sure that their payload is being delivered to their **intended destination**.
2. Attack is multi-staged and all of their servers are heavily guardrailed. Therefore it's very hard to collect their tooling.
3. They use compromised servers to deliver, command and control their malware. According to our observations, they dedicate each server to a single operation.
4. Second stage VBS file checks the presence of certain AV.

Delivery



Historical Context

events timeline



Questions?



github.com/robindimyan



twitter.com/1ce7ea



robindimyan.blogspot.com

