

Anchor and Lazarus together again?

medium.com/walmartglobaltech/anchor-and-lazarus-together-again-24744e516607

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3 min read



On 6 July 2020 SanSec reported that North Korea APT group dubbed Lazarus/HIDDEN COBRA, was performing MageCart style attacks against websites[1].

Two mentions in their report are interesting, PaperSource and FocusCamera[1].



Photo Credit:

The entire North Korea link appears to hinge on a IP reuse for an IP in LeaseWeb which is a weak link for attribution but sometimes there could be non public details about the incident. The more interesting aspect to this is some context that we can provide to the story, namely the connection to TrickBot/Anchor. You may recall that this would not be the first time this CyberCrime crew has been caught working with Lazarus.

Also interesting from the article “The malware was removed within 24 hours but a week later, the very same malware resurfaced on the same store.”[1] which would suggest the attackers had a foothold or “Anchor” into the environment.

FocusCamera

This name immediately stood out after reading the SanSec report, it came up during our previous work revolving around PowerTrick[4] which is the powershell framework developed and utilized by TrickBot/Anchor actors. The company appears to of been initially breached by TrickBot around October 2019 and actors then began using PowerTrick to pivot around.

```
3|C:\WINDOWS\system32|NYIT581|FC\NYIT581$|NT AUTHORITY\SYSTEM|4C4C4544-004C-4310-8031-
CAC04F575231|Microsoft Windows 10 Pro|64-bit|18036|0|1|[]|455|1200|2019-10-31
17:56:22|2019-10-30 22:09:51|
```

PowerTrick bot listing network devices:

```
\\101718-1628\\101718-1900\\11012018-1018\\111218-1913\\ABE-
NEW\\CONNCESHIPSRV\\CONNECTSHIP\\DES-0001\\FBARETURN\\FCNYAV1
fcnyav1\\FCNYMAIL1\\FOCUSCA-782GU8N\\FOCUSCA-9146562\\FOCUSCA-MGL6S00\\FOCUSCA-
QHRBOKS\\FOCUSCA-UIHGRK3\\LKWD-20\\MICHAELBACK\\MONSOONSERVER\\NAS-BF-27-4E      nas-
BF-27-4E\\NASBACKUP      nasbackup\\NEW01\\NY-061418-1757\\NY-062918-1421\\NY-
100318-1432\\NY-AMZ-002\\NY-AMZN-060618      Hudy kryman\\NY-BUY-003\\NY-BUYER-AA
yoni Baum\\NY-CONF-01\\NY-CONF-02\\NY-CONF-03\\NY-ER-CCTV-SCRN\\NY-KIT-070318
miriam mozyrskiy\\NY-KIT-BILECKI\\NY-LGSTC-PHILIP\\NY-MARKETING      Isaac
Shalev\\NY-MINCHA\\NY-REFURB-0001\\NYACCT-
0001\\NYACCT162\\NYACT004\\NYACT179\\NYACT180\\NYACT183\\NYACT188\\NYACT189\\NYASS178A\\I
Robert Silberman -
Buyer\\NYBUY078\\NYBUY102\\NYBUY148\\NYBUY149\\NYBUY151\\NYBUY151A\\NYBUY153\\NYBUY165\\I
Chaim
Geller\\NYIT087\\NYIT097\\NYIT335\\NYIT350\\NYIT353\\NYIT355\\NYIT355A\\NYIT581\\NYKEYACI
NYKEYACCESS.FC.LOCAL\\NYKIT-001\\NYMAN164A\\NYMGMT-
RBERG\\NYMGMT243BBB\\NYOVER007\\NYRCV001\\NYRTNS141\\NYRTNS281\\NYRTNS285\\NYSALES349\\N'
car byers\\REFURDBASE\\SCRAPER-PC\\STORE-01      Cashier-01\\STORE-02
Cashier-02\\STR-CCTV\\VIEWPOINT\\VMWAREVC\\WHSE1\\WINDOWS-0SD9E3K\\WINDOWS-
16M2FRN\\WINDOWS-102SBEG\\WINDOWS-8510D2Q\\WINDOWS-HSDST7A\\WINDOWS-I2SBFRI\\WINDOWS-
JNI13EQ\\WINDOWS-Q88PP4L\\WINDOWS-SQFPH6TThe command completed successfully.
```

PaperSource

We have reason to believe that PaperSource was also initially TrickBot and later Anchor and MemScraper which is their POS component of the Anchor Framework previously detailed[5].



PaperSource MemScraper infection

Given these revelations we have two possibilities:

- The SanSec NK attribution is incorrect and TrickBot actors are also interested in leveraging jsSniffers against victim websites in MageCart style attacks.
- The SanSec NK attribution is correct and this is one more example of Lazarus being involved in TrickBot infected institutions.

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References

- 1.
- 2.
- 3.
- 4.
- 5.