

CRYPTOMINING

versus

CRYPTOJACKING

What's the difference?

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Who am I?



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CRYPTOMINING

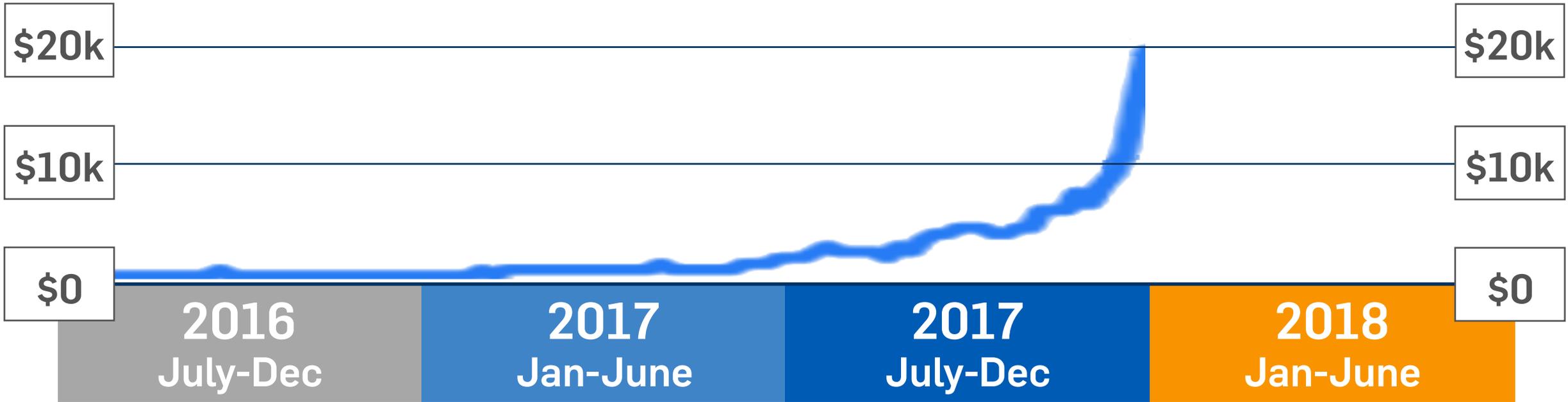
“ performing the zillions of cryptographic calculations you need to earn hot-topic cryptocurrencies such as Bitcoin, Monero or Ethereum ”



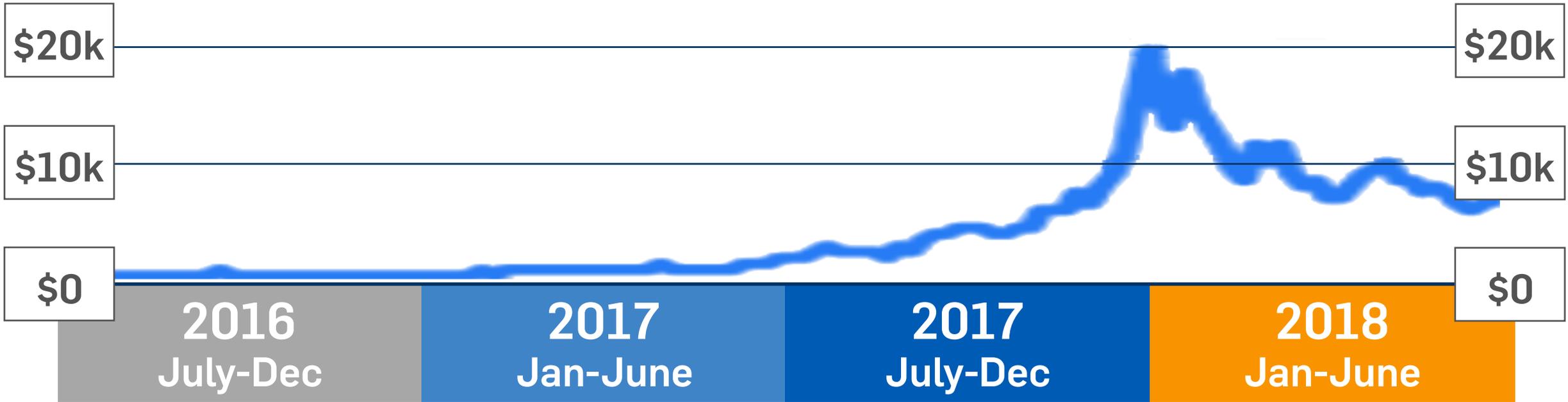
WHY CRYPTOMINING?



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HOW TO MINE?

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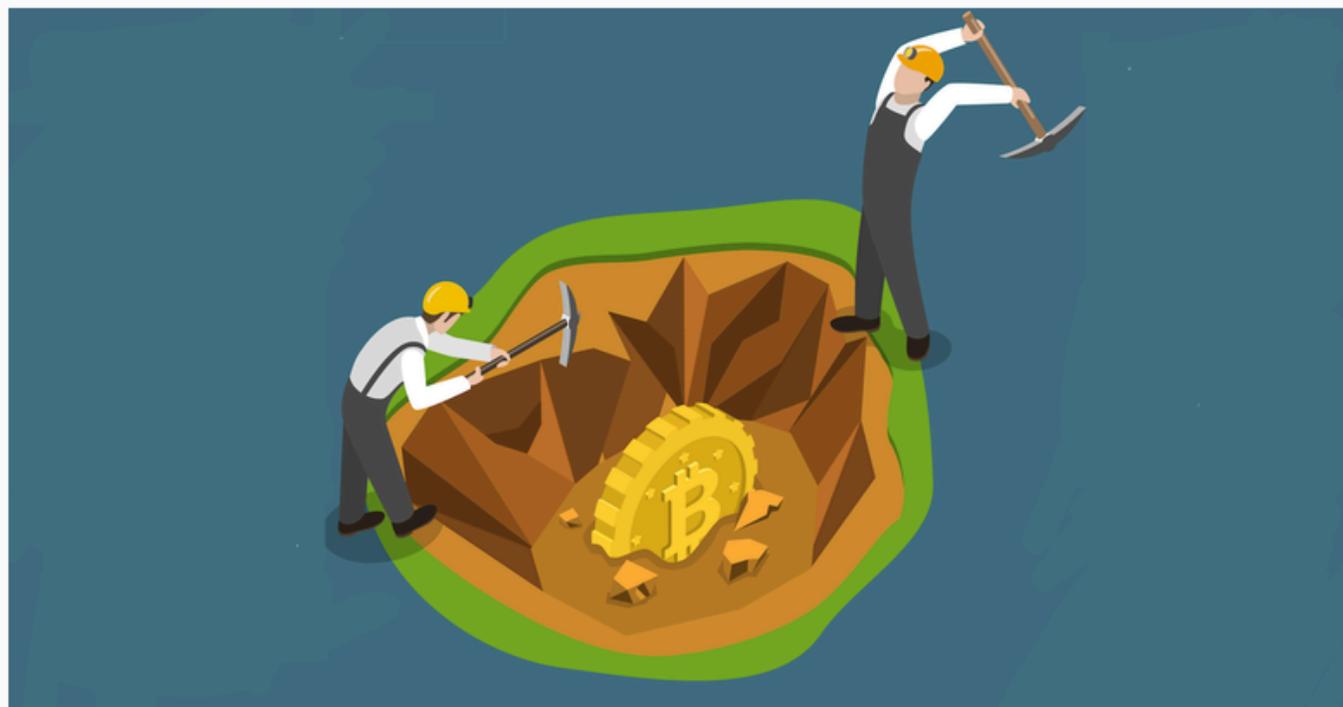
HOW TO MINE?

Or...

Cryptomining malware on NAS servers – is one of them yours?

08 SEP 2016 0

Malware, SophosLabs



<https://nakedsecurity.sophos.com/2016/09/08/cryptomining-malware-on-nas-servers-is-one-of-them-yours/>

Have federal nuclear supercomputer? GO CRYPTOMINING!

10 FEB 2018 8

Cryptocurrency



<https://nakedsecurity.sophos.com/2018/01/31/what-are-wannamine-attacks-and-how-do-i-avoid-them/>

What are “WannaMine” attacks, and how do I avoid them?

31 JAN 2018

6

Video



<https://nakedsecurity.sophos.com/2018/01/31/what-are-wannamine-attacks-and-how-do-i-avoid-them/>

Cryptomining script poisons government websites – What to do

12 FEB 2018 4

Cryptocurrency



<https://nakedsecurity.sophos.com/2018/02/12/cryptomining-script-poisons-government-websites-what-to-do/>

CoffeeMiner project lets you hack public Wi-Fi to mine cryptocurrencies

09 JAN 2018 8



<https://nakedsecurity.sophos.com/2018/01/09/coffeeminer-project-lets-you-hack-public-wi-fi>

CRYPTOJACKING

“ When you cryptomine without permission (from everyone concerned) then you are **cryptojacking** - and in most organisations, you can assume you don't have permission. ”

DOES ROGUE MINING REALLY MATTER?

\$2 of electricity 🙄

A bit of heat 🙄

Some fan noise 🙄

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😞😡😱 Cryptojacking
is the new ransomware!

DOES ROGUE MINING REALLY MATTER?

- 1 There's a REPUTATIONAL cost
- 2 There's a REGULATORY cost
- 3 There's an OPPORTUNITY cost
- 4 There's the CUI BONO cost

DOES ROGUE MINING REALLY MATTER?

- 4 Where is all that money going?

DOES ROGUE MINING REALLY MATTER?



4 Where is all that money going?

The 5 Ps

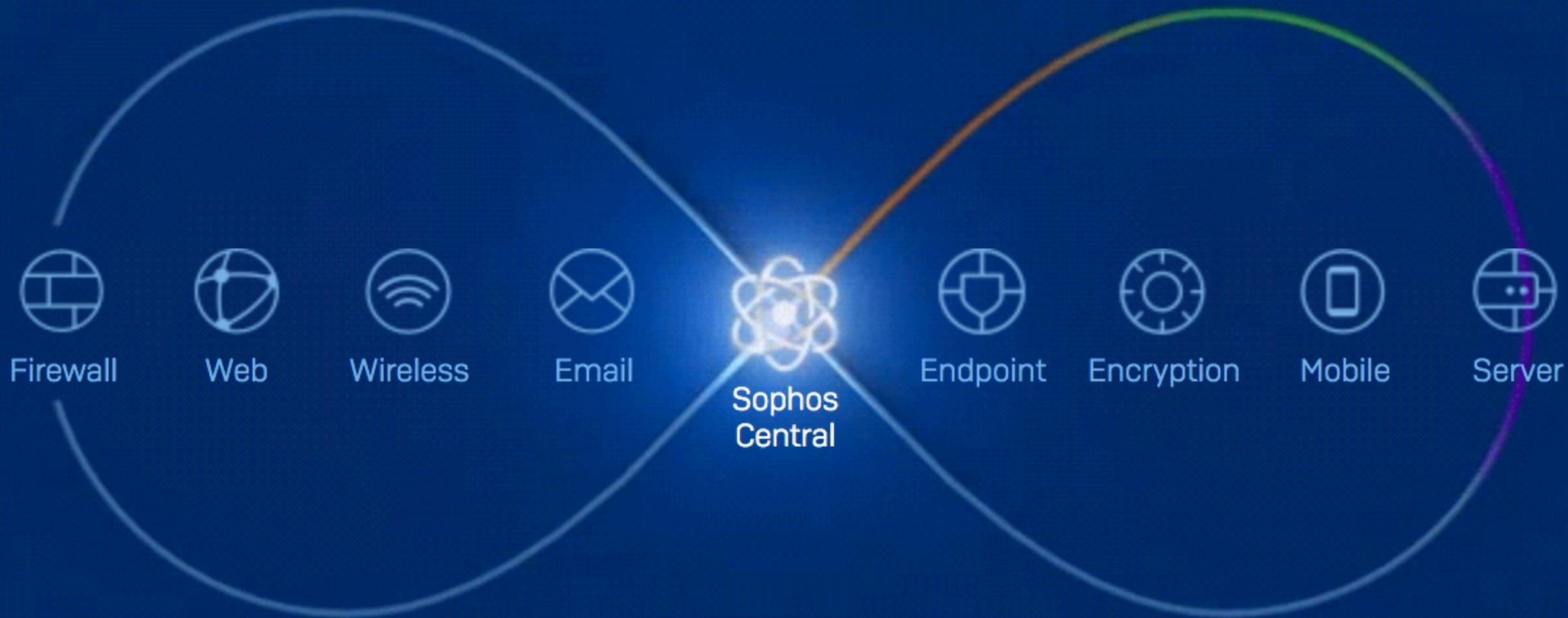
Patch early, patch often

Pick proper passwords

Protect your portals (e.g. RDP)

Pounce on PUAs

Prefer 2FA



Sophos Synchronised Security

SOPHOS
Security made simple.