



# From Ransomware to Cryptojacking

The New Threat To Businesses, and their Data Center

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# CRYPTOJACKING

*" the practice of hijacking a PC user's CPU to mine cryptocurrency."*



\$20,000

# HIGH FINANCIAL GAINS

\$0.25 Monero per day

X 2.000




\$500 per day


\$182,500 per year

# Paving the way for cryptojacking

Secure | <https://coinhive.com>


 coinhive [documentation](#) [login](#) [signup](#)

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HASHES/S	TOTAL	THREADS
0.0	0	2 + / -

A Crypto Miner  
for your Website

 [START MINING](#)

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Monetize Your Business With Your Users' CPU Power





# **RANSOMWARE VS CRYPTOJACKING** **1 TO 100 OCCURRENCE**

ACCORDING TO BITDEFENDER INTELLIGENCE

# Ransomware

vs

# Cryptojacking

- Attacker **might** earn \$\$ from **some** of its victims
- Attack is **immediately visible**
- **one upfront** payment from its victims
- Attackers **will** earn \$\$\$ off **every one** of its victims
- Attack is **stealth**
- can make money from its victims **for months on end**

# Top CyberThreat in 2018

*TNW: Researcher finds 50000 sites infected with cryptocurrency mining*

*TechCrunch: Cryptojacking attack hits ~4,000 websites, including UK's data watchdog*

*Techspot: 'Drive-by' cryptomining code was discovered in YouTube ads*

*Forbes: Top Cyberthreat Of 2018: Illicit Cryptomining*

*Wired: Cryptojacking Has Gotten Out of Control*

*Dark Reading: Cryptojacking Threat Continues to Rise*



# Moving Up The Infrastructure Ladder

☰ **eWEEK** 👤 🔍

## Water Utility in Europe Hit by Cryptocurrency Malware Mining Attack

By: Sean Michael

Unauthorized cry...  
to grow.

NEWS

## Cryptojacking attacks hit enterprises' cloud servers

by **Rob Wright**  
Site Editor  
Published: 21 Feb 2018

🐦 ✉

Related Content

Unprotected Kubernetes consoles expose firms to

☰ **MOTHERBOARD** *WCS*

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WANNACRY

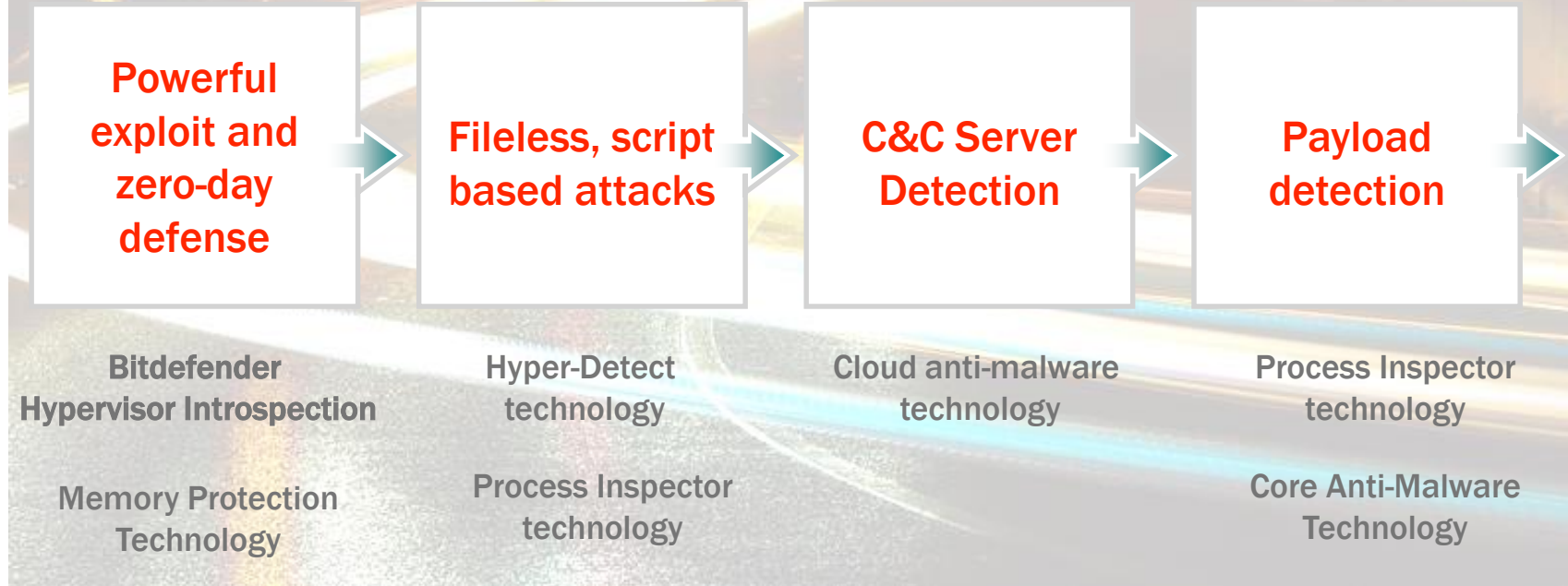
## Cryptocurrency Mining Malware That Uses an NSA Exploit Is On the Rise

Say hello to WannaMine.

# DAMAGE TO BUSINESS & ITS DATA CENTER

- Indicator of a security gap
- impacts user experience, consolidation ratios, virtualization density
- Higher provisioning costs without any apparent cause
  - particularly concerning for organizations automatically provisioning new resources
- Potentially infiltrate and destabilize critical infrastructure
- Great persistence

# Bitdefender. 4 Stage Cryptojacking Detection





Για περισσότερες πληροφορίες μπορείτε να παρευρεθείτε στο workshop που διοργανώνουμε στις 14:30 (αίθουσα D1) με θέμα

**«Stay Ahead of Tomorrow's Threats with Bitdefender»**





Ευχαριστούμε!