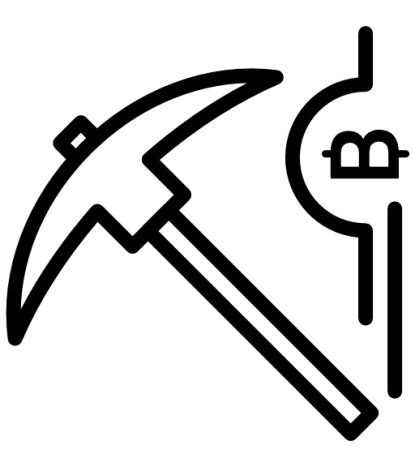
A CRYPTO CRIME

CRYPTOJACKING

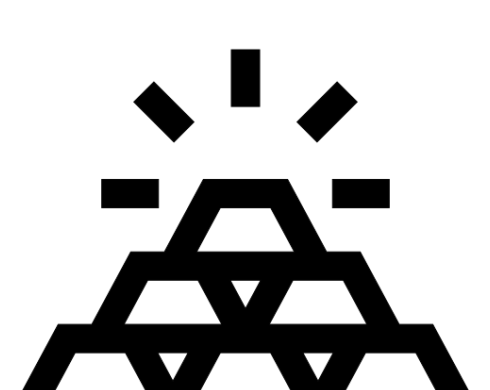


PAST

2009-PRESENT

Cryptojacking became extremely popular with the rise of cryptocurrencies. As technology improved and became more widely adopted, attackers jumped at the opportunity to extort people in a new way.

PRESENT

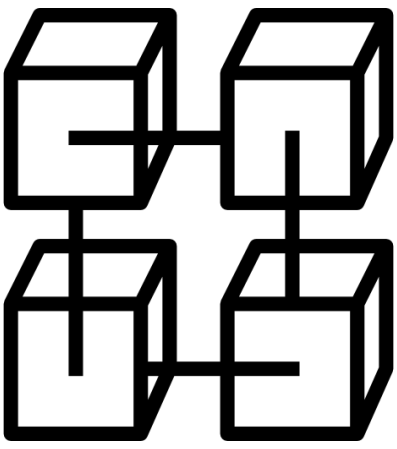


2018

Cryptojacking Has Evolved In The Following Ways:

- Attackers view it as more profitable than ransomware
- Less risk has attracted more malicious activity
- Massive cryptojacking campaigns
- Utilizing both in-browser scripts and downloads
- Near undetectable impact
- Insiders setting up a cryptojacking operation

FUTURE



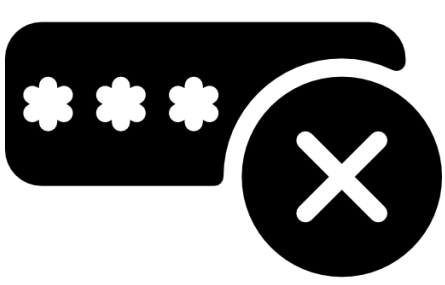
2018+

Cryptojacking Predictions For The Future:

- Legitimate uses
- Growth and recession tied to crypto markets
- More insiders standing up cryptojacking operations
- Employees playing both sides; attacker and defender

VULNERABILITIES

- Insecure endpoints
- Weak employee management and poor identification of insiders at risk
- Employees prone to click links in emails
- Enabling all scripts to run in your web browsers
- Lack of network and device monitoring
- Poor BYOD policies



MITIGATION

- Cryptojacking awareness training
- Install an ad-blocking or anti-cryptomining extension on web browsers; cryptojacking scripts are often delivered via advertisements
- Use an endpoint detection and response product that can identify cryptojacking malware
- Keep web filters updated
- Maintain browser extensions
- Implement a mobile device management (MDM) solution to address the cryptojacking threat

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