



# McAfee Labs Threats Report

August 2014

## Heartbleed

Heartbleed presents a new cybercrime opportunity.



**600,000**

The Heartbleed vulnerability exposed an estimated **600,000 websites** to information theft.



**To-do lists**

Lists of **Heartbleed-vulnerable websites** are helpful to users but can also act as “to-do” lists for cyber thieves.



**Unpatched websites**

Despite server upgrades, many websites **remain vulnerable**.



**Black market**

Criminals continue to **extract information** from Heartbleed-vulnerable websites and are selling it on the black market.

## McAfee Phishing Quiz

Phishing continues to be an effective tactic for infiltrating enterprise networks.

Average Score by Department  
(percent of email samples correctly identified)



**Only 6%**

of all test takers **correctly identified** all ten email samples as phishing or legitimate.

**80%**

of all test takers **fell for at least one** of the seven phishing emails.

**88%**

of test takers in **Accounting & Finance and HR** fell for at least one of the seven phishing emails.

**The McAfee Phishing Quiz tested business users' ability to detect online scams.**

## Operation Tovar

During Operation Tovar—The Gameover Zeus and CryptoLocker takedown:



**For CryptoLocker**

more than **125,000 domains** were blocked.



**For Gameover Zeus**

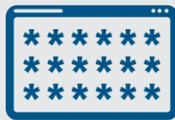
more than **120,000 domains** were sinkholed.

Since the announcement of Operation Tovar:



**80,000 times**

**McAfee Stinger**, a free tool that detects and removes malware (including Gameover Zeus and CryptoLocker), was downloaded more than **80,000 times**.



**Copycats**

are on the rise, **creating new ransomware or financial-targeting malware** using the leaked Zeus source code.

**McAfee joined global law enforcement agencies and others to take down Gameover Zeus and CryptoLocker.**

## Threat Statistics

Second quarter, 2014

There are **240 new threats** every minute, or almost **4 every second**.

**31 million**

**new malware samples**, the largest amount we have recorded in a single quarter.

**Prevalence**

of the **Dapato botnet** rose dramatically.

**Down 63%**

Good news! **New ransomware samples declined** by 63%.

**Denial of Service**

remains the **most prevalent type** of network attack.

**17%**

increase in **mobile malware**.

**North America**

continues to **host more suspect** content, phishing URLs, and spam URLs than any other region.



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Visit <http://mcafee.com/4kq3f> for full report.

