

WANNACRY

The biggest ransomware attack in history

Admittedly not everyone is a cyber security expert. But, if you hadn't heard of ransomware before this month, chances are you've heard of it now. The WannaCry ransomware has rocked every corner of the globe over the past two weeks, affecting more than 250,000 victims across 150 countries in one of the most aggressive and widespread cyber attacks in history. Whether directly affected or not, boardroom nerves the world over have been rattled as decision-makers face up to the risk cyber threats present to their organisation

COUNTRIES HIT BY WANNACRY

● Affected ● Unaffected

UNITED STATES

Delivery company FedEx's logistical operations affected

UK

NHS organisations disrupted and many operations cancelled at short notice

GERMANY

Deutsche Bahn confirmed ransomware had disrupted train station departure boards across the country

JAPAN

Electronics company Hitachi and carmaker Nissan were both targeted



SPAIN

Telecoms and gas companies struck

FRANCE

Some Renault factories had to stop production

RUSSIA

Largest number of incidents reported, including disruptions at the Russian interior ministry

INDIA

One of the worst hit nations with tens of thousands of computers affected

Kaspersky/BBC

BACKGROUND

WannaCry (also known as WanaCrypt0r and WCry), a new variant of the Ransom.CryptXXX family of ransomware, hit companies and individuals across the globe on May 12. WannaCry exploits a vulnerability in the older Microsoft Windows XP operating system, security updates for which were stopped in 2014.

types and asks victims to pay \$300 in bitcoins to one of three bitcoin wallets to release the data. If payment is not made, the ransom would double after three days; if payment is not made in seven days, the encrypted files would be erased. While victims have been advised not to pay, funds are still being sent to the ransomware attackers.

It can encrypt 176 different file



+250k
systems affected by the WannaCry ransomware



150
countries affected



\$300
ransom requested per system

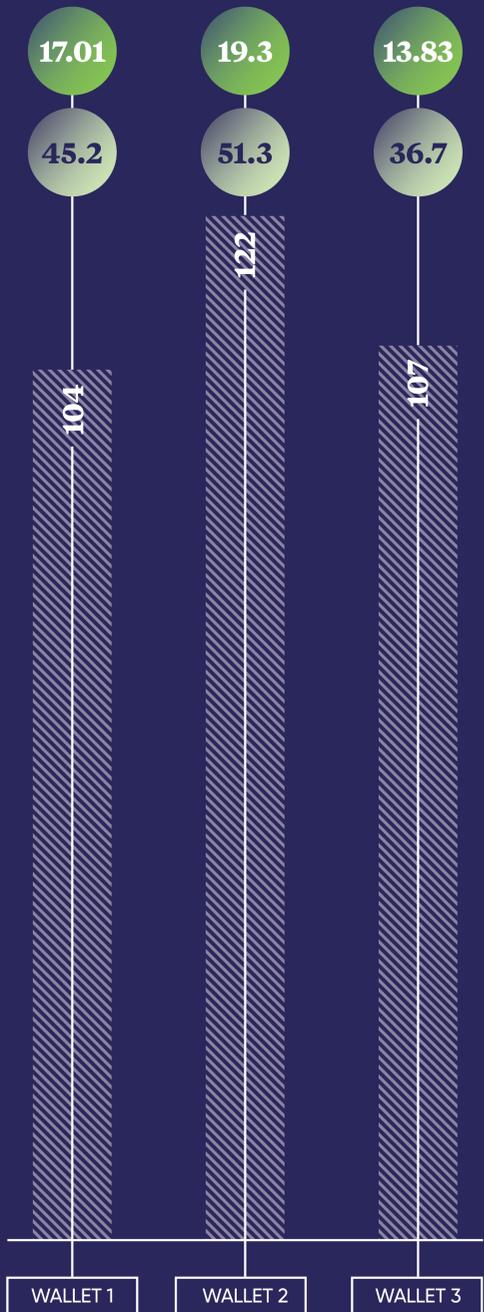


176
different file types encrypted

TOTAL AMOUNTS PAID TO WANNACRY ATTACKERS

Balances of the three bitcoin addresses linked to the WannaCry ransomware up to May 25

● Balance in bitcoin ● Balance in \$k ▨ Total number of transactions

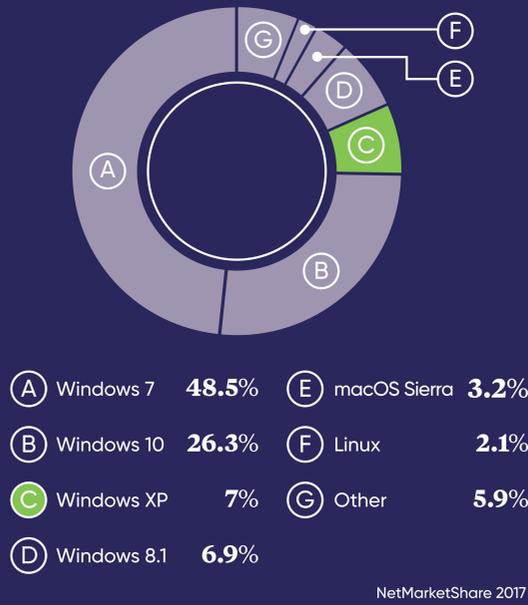


Bitref.com

GLOBAL DESKTOP OPERATING SYSTEM MARKET SHARE

APRIL 2017

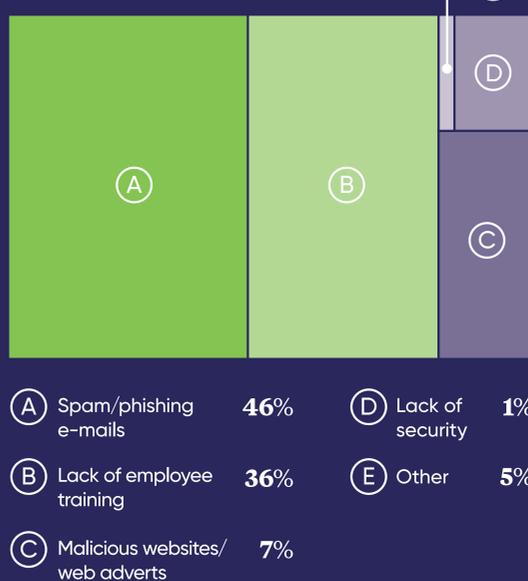
Millions of PCs still run on Windows XP, the third most popular desktop operating system worldwide



NetMarketShare 2017

LEADING CAUSES OF RANSOMWARE INFECTION

Global survey of IT managed service providers



Datto 2016

RANSOMWARE OUTSMARTING CYBER-DEFENCE MEASURES

DEFENCE STRATEGIES IN PLACE WHEN RANSOMWARE ATTACKS OCCURRED



Datto 2016