Hewlett Packard Enterprise

Cyber Risk Report 2016 highlights

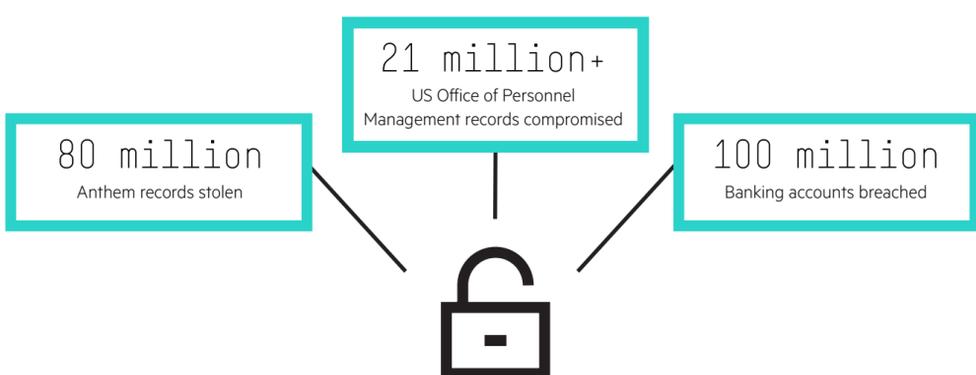## Data security: Attackers target corporate and personal data

The annual Cyber Risk Report from HPE Security Research helps you understand how hackers attack and where you are most vulnerable. This year's cyber security research report presents a broad perspective drawn from more than 3000 HPE and independent researchers, open source intelligence, and partners like ReversingLabs and Sonatype. Advanced data analysis provides compelling reasons to protect sensitive data throughout its lifecycle—at rest, in motion, and in use.

Attackers monetize a greater variety of data sources.

– A growing percentage of new malware targets ATMs
  to directly dispense cash.
– Banking Trojans are on the rise.
– Attackers hold personal data for ransom.

Breaches reached massive new scales.

21 million+
US Office of Personnel Management records compromised

80 million
Anthem records stolen

100 million
Banking accounts breached

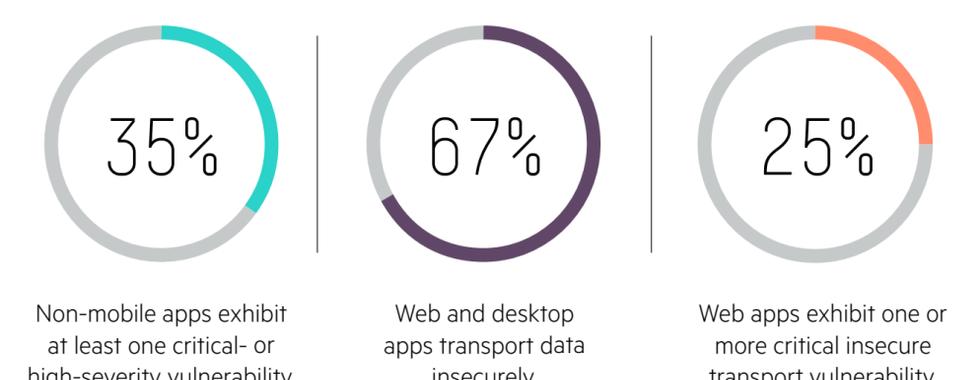## A year of collateral damage: Loss of personal information extended beyond account holders.

US Office of Personnel Management breach—security clearance forms exposed associates and families.

VTech breach—exposed profiles and photos of more than 6 million children.

Most Web and desktop apps contain vulnerabilities that can leave sensitive data accessible to attackers.

Of apps tested

35%
Non-mobile apps exhibit at least one critical- or high-severity vulnerability.

67%
Web and desktop apps transport data insecurely.

25%
Web apps exhibit one or more critical insecure transport vulnerability.

Mobile apps can expose businesses and users to data theft.

Of mobile apps tested

88%
Store data in an insecure manner.

50%
Fail to encrypt or otherwise protect data for transport.

30%
Exhibit one or more *critical* insecure transport vulnerability.

Key takeaways for data security professionals:

2015 data breaches show attackers focused on monetizing an increasing variety of data sources.

HPE Security recommendations:

The network perimeter is vanishing. Attackers have shifted focus to target applications directly. Security professionals must adjust their approach accordingly, defending not just the edge but the interactions among users, applications, and data regardless of location or device.

Encrypt your most sensitive data with HPE Security – Data Security to protect it from the moment it's created and throughout its lifecycle—at rest, in motion, and in use. On your servers, in the cloud, and on mobile devices.

Enable your organization to fearlessly innovate.
Protect your business with HPE Security.

hpe.com/software/cyberrisk