

# PROTECTING CLOUD SERVICES



By 2025, 49% of the world's data will reside in public cloud environments<sup>1</sup>.

Cloud services deliver flexibility, scalability and availability. However, they also make an appealing target for cyber-criminals set on intercepting and exploiting data in motion.

## INVESTING IN THE CLOUD

**64%**

OF ORGANISATIONS ARE EXPANDING IT BUDGETS IN ORDER TO UPGRADE OUTDATED INFRASTRUCTURE.

**56%**

OF ORGANISATIONS ARE EXPANDING IT BUDGETS DUE TO INCREASED SECURITY CONCERNS.

**21%**

OF IT SPEND IN 2019 WILL BE USED TO INVEST IN CLOUD SERVICES.

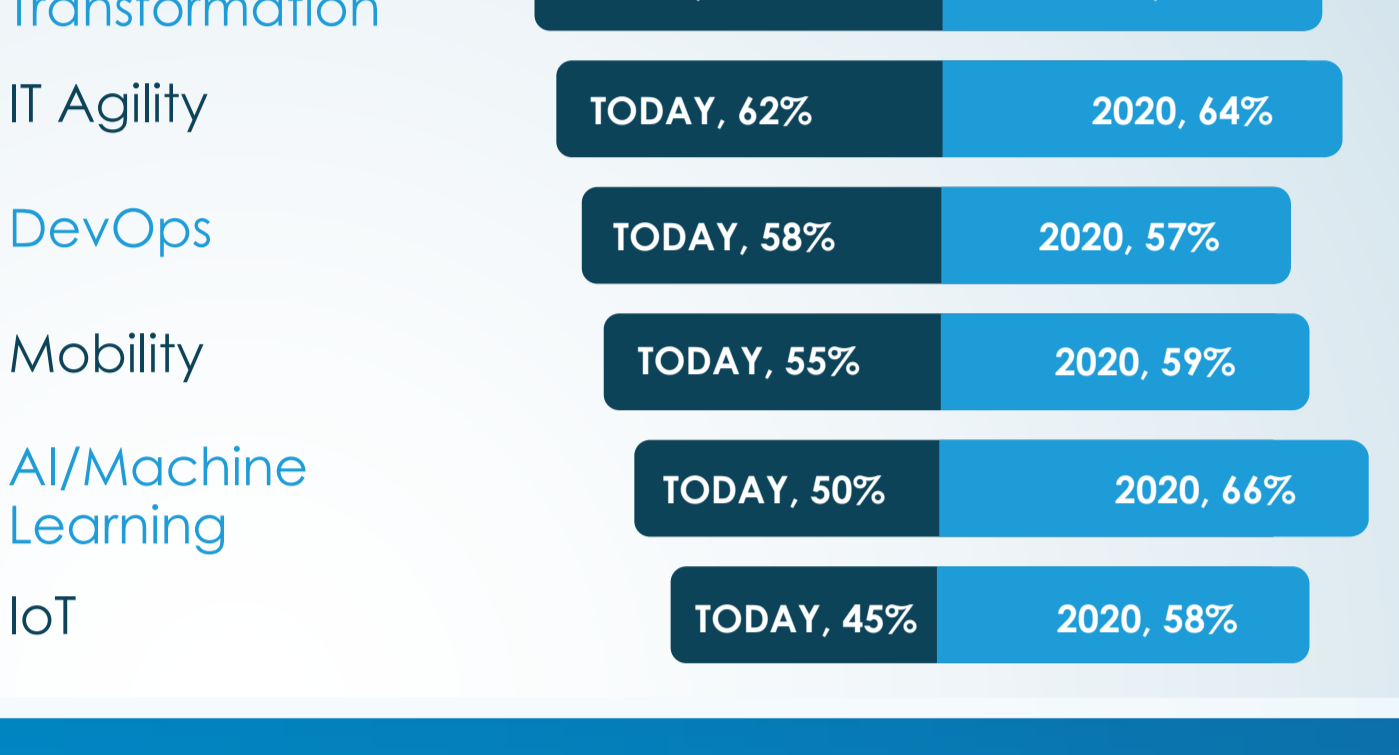
**15%**

OF CLOUD IT BUDGETS WILL BE SPENT ON ONLINE BACKUP & RECOVERY.

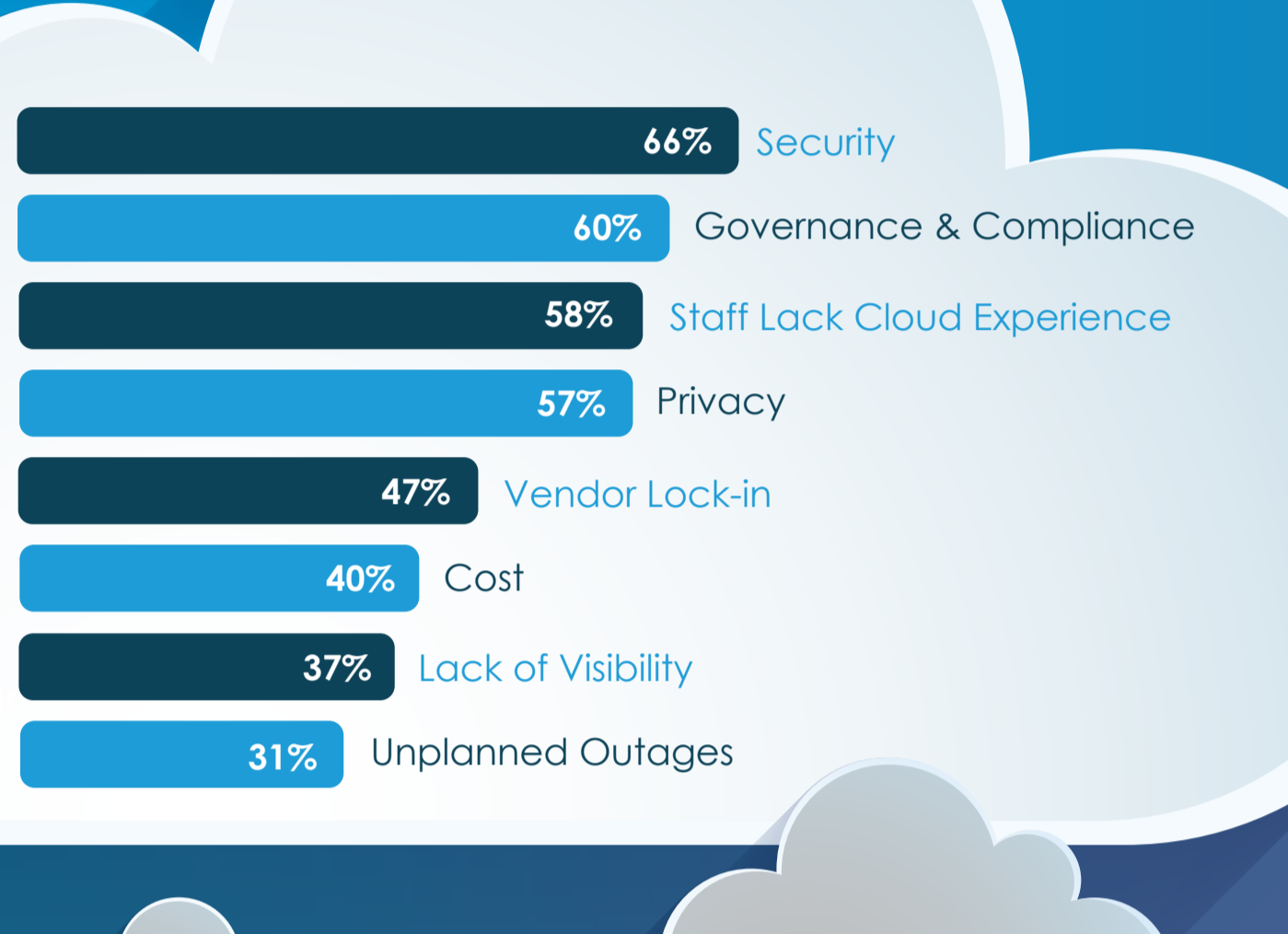
**11%**

OF CLOUD IT BUDGETS WILL BE SPENT ON EMAIL HOSTING.

## WHAT IS DRIVING CLOUD ADOPTION?



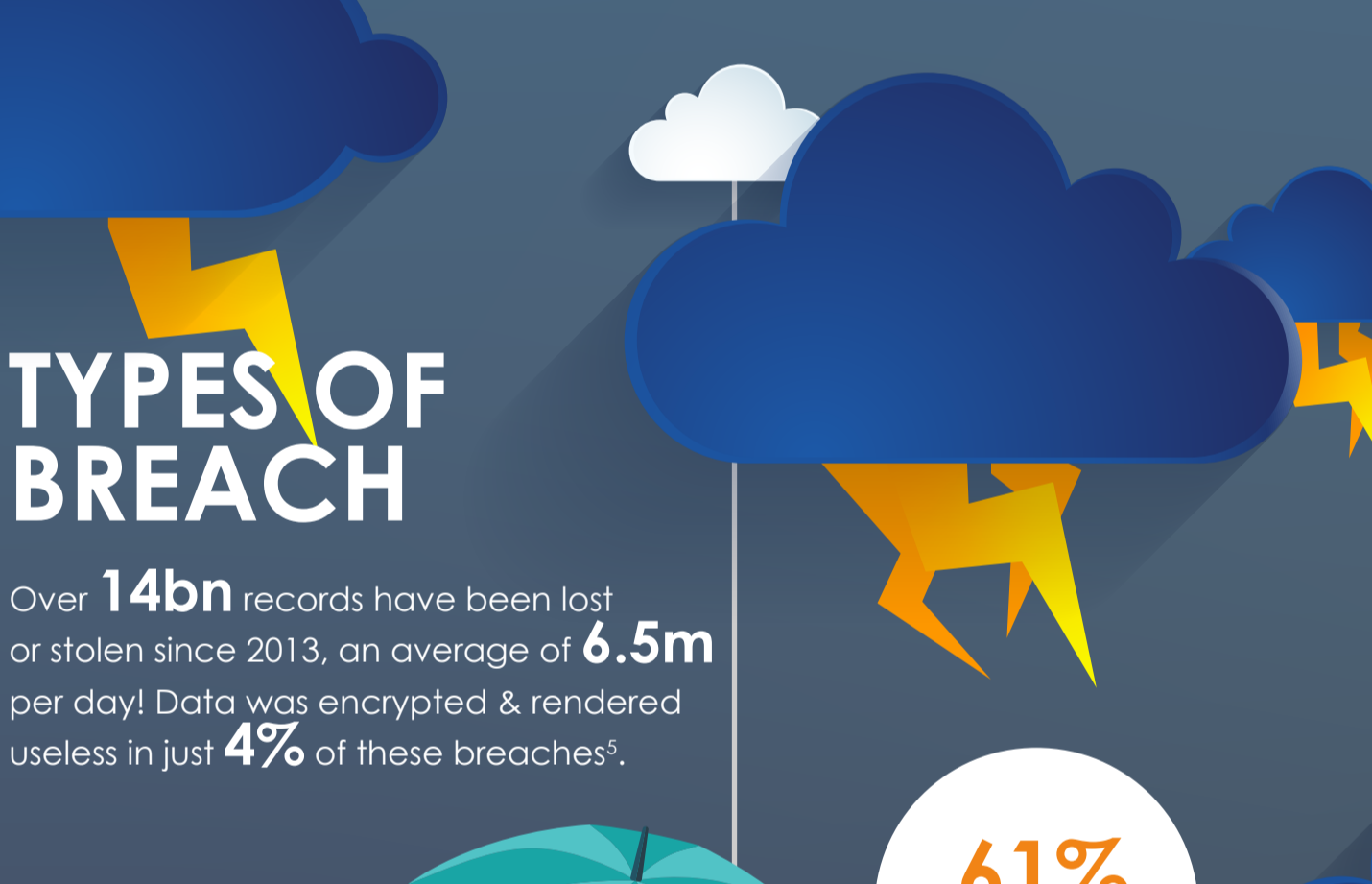
## CHALLENGES POSED BY CLOUD ADOPTION



## RISK FACTORS

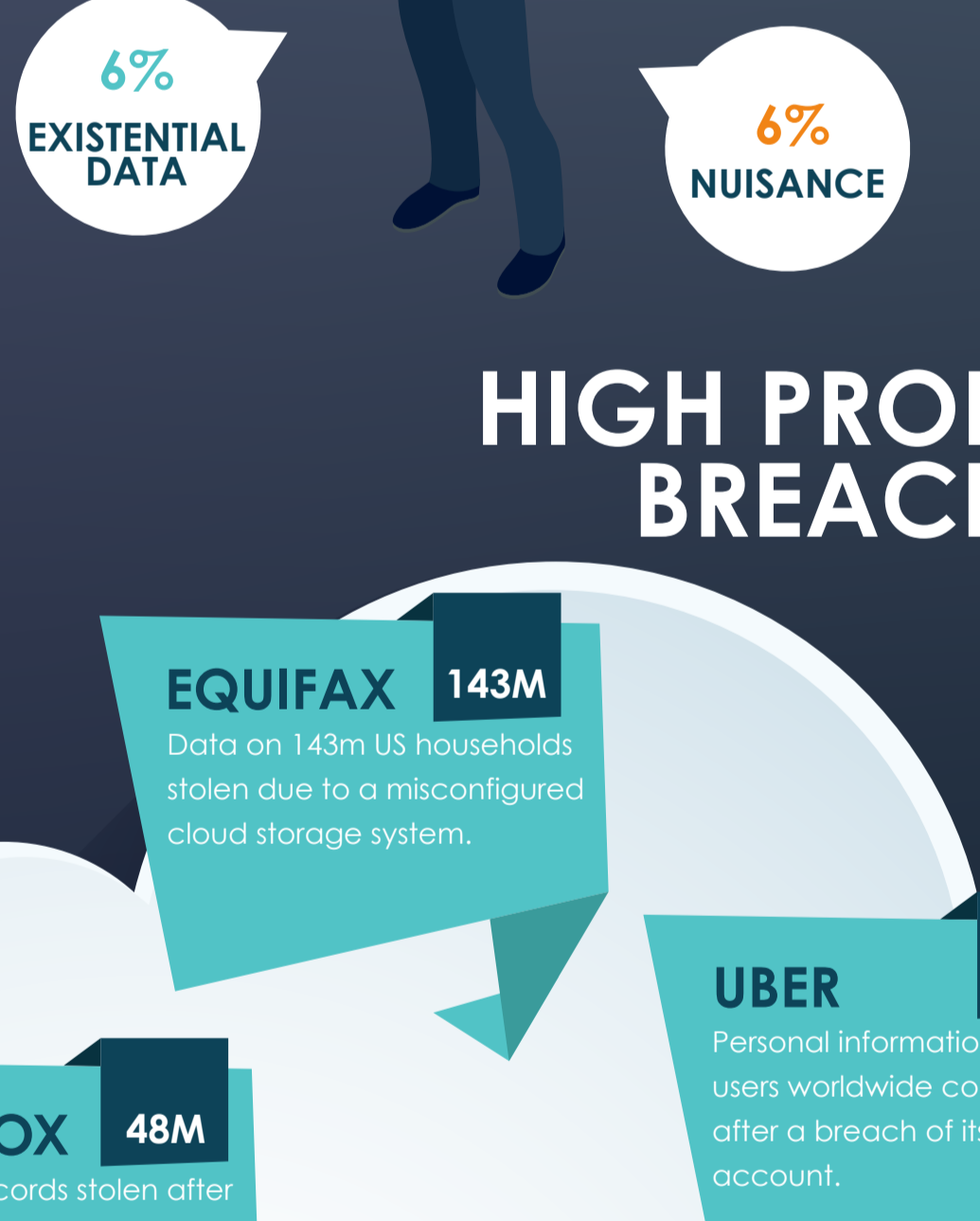


## THE THREAT LANDSCAPE



## TYPES OF BREACH

Over **14bn** records have been lost or stolen since 2013, an average of **6.5m** per day! Data was encrypted & rendered useless in just **4%** of these breaches<sup>5</sup>.



## HIGH PROFILE BREACHES



## CONSEQUENCES OF A BREACH

On average, it takes **197 days** to identify a breach and a further **69 days** to contain it<sup>2</sup>.



## SOLUTIONS

**N**

CN SERIES

### HARDWARE ENCRYPTION

FOR CORE NETWORK & IT INFRASTRUCTURE

- Multi-certified high-assurance encryption
- Maximum performance without compromise
- Near-zero latency and network overhead
- Crypto-agile and quantum-ready
- State-of-the-art encryption key management

**V**

CV SERIES

### VIRTUALISED ENCRYPTION

FOR VIRTUAL CPE & VIRTUALISED WAN

- Strong & effective WAN encryption
- Rapid scalability across 1000s of links
- Flexible pricing and licensing
- Transport independent multi-layer encryption
- Seamless integration with SafeNet KeySecure

**S**

SUREDROP

### ENCRYPTED FILE-SHARING

AVAILABLE ON-PREMISES OR FROM THE CLOUD

- 100% control over data sovereignty
- Unlimited file size and type
- Standards-based encryption
- Effortless management & control
- Votiro Content Disarm & Reconstruction technology

DISCOVER MORE ABOUT SENETAS ENCRYPTION SOLUTIONS

PROTECTING CLOUD SERVICES DATA IN MOTION

CLOUD SERVICES SOLUTION PAPER

INTRODUCING SENETAS E-BOOK