

# 2021 Thales Data Threat Report

Data Security in the Era of Accelerated Cloud Transformation and Remote Work

## 01 COVID-19 brings new challenges for security

### COVID-19

Impact of COVID-19 across organizations and remote working are paving way for the increased security challenges as well as areas of strategic security spend.

**20%**

of respondents said they were very prepared to handle security risks caused by the pandemic.

**83%**

are concerned about the security risks/threats of employees working remotely.

**44%**

ranked privacy and security as the most important investment during the pandemic.

## 02 Multicloud momentum creates opportunities, but increases risks

**46%**

**PaaS**

are using two PaaS providers.

**24%**

**SaaS**

are using more than 50 SaaS apps.

**49%**

**IaaS**

are using two IaaS providers.

**56%**

state that more than 40% of their data is stored in public cloud properties.

**50%**

say that more than 40% of the data stored externally is sensitive.

**48%**

of respondents say that nearly 60% of the sensitive data stored in cloud is not encrypted.

**83%**

state that more than 50% of the sensitive data stored in cloud is not encrypted.

**25%**

have complete knowledge of where their data is stored.

## 03 Data breaches and security threats increase in complexity

**56%**

claimed to have experienced a security breach.

**45%**

report seeing an increase in cyber-attacks in the past 12 months.

**57%**

saw an increase in Malware attacks.

**48%**

saw an increase in Ransomware attacks.

## 04 Zero Trust strategy gaining momentum

**34%**

claim to have a formal strategy and have actively embraced a Zero Trust policy.

**65%**

rely on concepts of Zero Trust security to shape cloud security strategy.

## 05 Threats on the horizon: quantum computing

**50%**

of APAC respondents are very concerned about the security threats of quantum computing.

**!**

This level of awareness should be generating interest in post-quantum cryptographic techniques and efforts to improve crypto agility.

## 06 Modern data security for a Zero Trust world

**Discover Sensitive Data**

**Encrypt Sensitive Data**

**Secure Encryption Keys**

**Control User Access**

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