

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

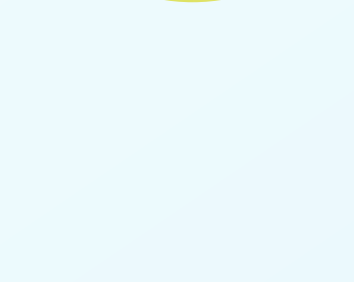


COVID-19

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.

22%

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



81%

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

46%

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



02 Multicloud momentum creates opportunities, but increases risks

43%



PaaS

are using two PaaS providers.

28%



SaaS

are using more than 50 SaaS apps.

48%



IaaS

are using two IaaS providers.



54%

say that more than 40% of their data is stored in external cloud.



46%

say that more than 40% of the sensitive data stored in cloud is encrypted.



17%

state that more than 50% of the sensitive data stored in cloud is encrypted.



25%

have complete knowledge of where their data is stored.

03 Data breaches and security threats increase in complexity

58%

claimed to have experienced a security breach.



49%

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

54%

ranked Malware as the leading source of security attacks.



47%

saw an increase in Ransomware attacks

04 Zero Trust strategy gaining momentum

31%

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



76%

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

05 Threats on the horizon: quantum computing



44%

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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