

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.



82%

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

45%

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



02 Multicloud momentum creates opportunities, but increases risks

45%



are using two PaaS providers.

27%



are using more than 50 SaaS apps.

47%



are using two IaaS providers.



50%

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



46%

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



17%

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

24%



have complete knowledge of where their data is stored.

63%



selected encryption as the top choice to secure sensitive data in the cloud.

03 Data breaches and security threats increase in complexity

56%

claimed to have experienced a security breach.



47%

saw an increase in cyber-attacks in the past year.

54%

ranked Malware as the leading cause of security attacks.



48%

saw an increase in Ransomware attacks.

04 Zero Trust strategy gaining momentum

30%

claim to 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



47%

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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