2023 Cloud Security Study
Fact or Fiction?

2023 Cloud Security Study – Fact or Fiction?

Moderator:

- **Gina Scinta,** *Deputy CTO, Thales TCT*

Panelists:

- **Solomon Cates,** Sr. Product Manager of Enterprise, Regulated, and sovereign Key Management, Google
- **Brent Hansen,** VP of Sales Engineering, Optiv + ClearShark
- **Alan Kessler,** Board Member, Thales Defense & Security Inc.
- **Bill Nystrom,** Field CTO, Telos Corporation

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2023 CLOUD SECURITY STUDY

The Challenges of Data Security and Sovereignty in a Multicloud World

Multi-cloud is a reality, regardless of cloud maturity.

79%
have more than one cloud provider.

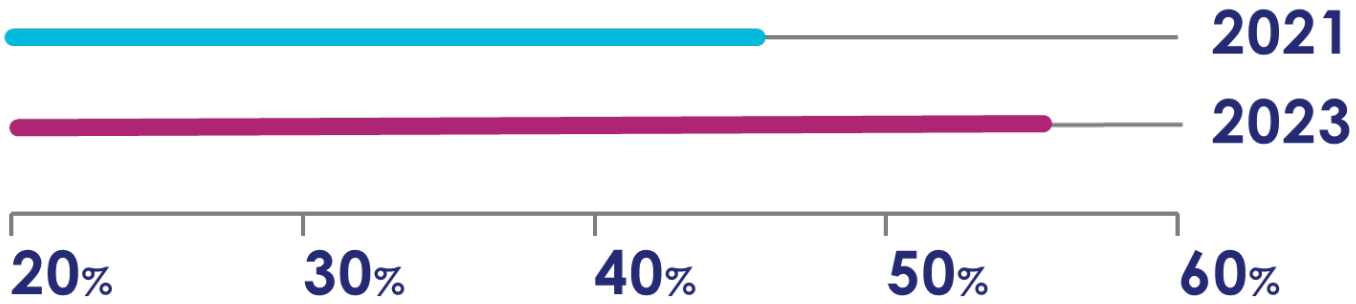
SaaS Usage is Growing.

97
Avg. number of apps, increasing the number of points of use where **data must be secured.**

38%
SaaS apps voted the **leading targets for attackers** followed by **cloud-based storage**

Securing data in the cloud is seen as becoming more complex.

It has increased to 55% from 46% just two years ago.



We're only human:

The **leading** cause of cloud data breaches is **human error.**

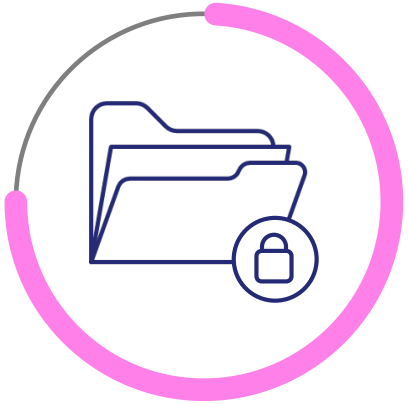
55%

of respondents chose human error as the leading cause of cloud data breaches.

Exploitation of vulnerabilities was the second highest selection at...

21%

Dramatic increase in sensitive data reported in the cloud.



75%

of respondents report that **40% or more of their data in the cloud is sensitive,** up from **49% in 2021.**

Levels of sensitive data encryption must be higher.

Only **22%**

report that **60% or more of their cloud sensitive data is encrypted, with the average of only 45%** of data encrypted.

Complex key management creates security & operational risks.

62% have **5+** key management systems

Only **14%** say that they **control all of their own encryption keys** in cloud environments.

Digital sovereignty issues around cloud usage **loom large on multiple** fronts.

Respondents report **high use of cloud provider-dependent encryption key management,** alongside **growing concerns** about **sovereignty mandates.**

83%

are concerned about impacts of sovereignty on cloud deployments.

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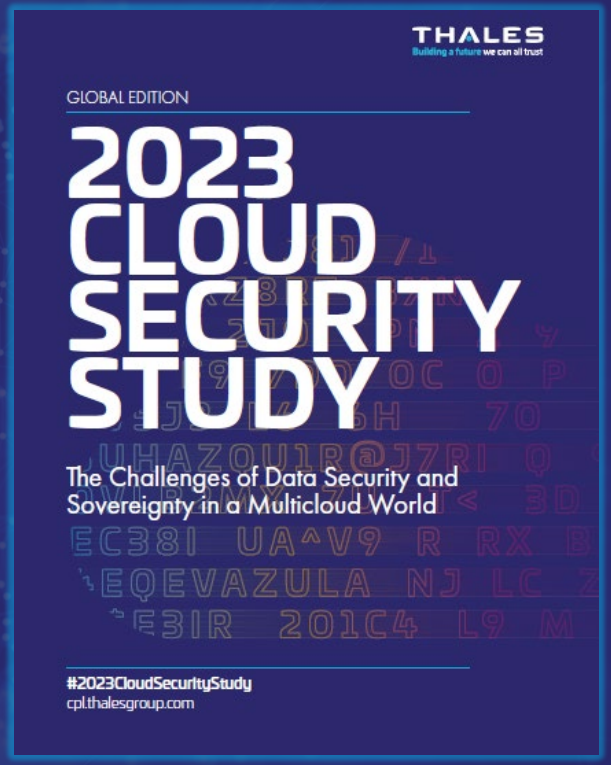
Questions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