Organizations are failing to protect sensitive data in the cloud

2019 Cloud Security Study

Results from the 2019 Thales Cloud Security Study, a survey of more than 1,000 companies in 15 countries who are familiar with and involved in their company’s use of both public and private cloud resources, and analysis conducted by the Ponemon Institute, commissioned by Thales.

Businesses are taking advantage of the cloud, but not applying adequate security.

- 48% of organizations are encrypting sensitive data in the cloud.
- 49% of organizations are sharing sensitive information with third parties.

Businesses remain responsible for security of their data in the cloud regardless the provider.

- 48% of businesses have a multi-cloud strategy.
- 30% of applications have more than 10 cloud providers.

Some businesses push responsibility for data security to cloud providers, but do not consider it a security risk when choosing them.

- 53% of organizations are responsible for the encryption keys.
- 78% of organizations are responsible for the encryption keys.

Businesses use 29 cloud applications on average, compared to 27 two years ago.

- 10% have more than 10 and the average is 2.5.

Businesses struggle to reduce complexity of managing privacy and data protection regulations in the cloud environment.

- 46% of companies are encrypting more than 50% of their data.
- 44% of companies are encrypting less than 1% of their data.

The biggest amount of data stored.

- 60% of organizations are storing customer information.
- 48% of organizations are storing customer emails.
- 46% of organizations are storing consumer data.

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