GLOBAL EDITION

THALES
Building a future we can all trust

2021 Thales Cloud Security Study

The Challenges of Cloud Data Protection and Access Management in a Hybrid and Multicloud World

About This Study

THALES
Building a future we can all trust

The COVID-19 pandemic has accelerated what has been a long-term broad adoption of cloud environments, including multicloud and hybrid deployments.

The 2021 Thales Cloud Security Study delves into cloud security trends, presenting findings from a wide-ranging survey of more than 2,600 security professionals and executive leadership around the globe.

Multicloud adoption is widespread, exacerbating complexity

57%

of global organizations are using 2+ IaaS providers

73%

are using 2+ PaaS providers

66%

consider securing the combination of on-premises and cloud either "challenging" or "very challenging"

65%

are using 26+ SaaS applications

Defining cloud security policies is squarely for security teams

82%

of organizations involve security teams in cloud security decisions

37%

of organizations' cloud security is run independently by security teams

45%

of organizations' cloud security is run collaboratively by security and cloud delivery teams

Organizations still have a long way to go for MFA to be broadly adopted

ONLY

16%

use MFA to secure more than half of their cloud services

ONLY

11%

use MFA to secure more than half of their on-premises applications

Remote access is the main use case for multi-factor authentication (MFA) adoption

39%

Data Loss Prevention (DLP)

36%

Encryption

34%

Cloud Security Posture Management (CSPM),
Cloud Workload Protection Platform (CWPP),
Cloud Infrastructure Entitlement Management (CIEM)

Encryption is not widespread in the cloud

83%

are encrypting less than half of sensitive data in multicloud environments

For data encrypted in cloud:

35%

are using their own encryption

55%

are using the cloud provider's encryption

Breaches and audit issues are common in cloud environments

ONLY

40%

have experienced a breach in their cloud environments

ONLY

43%

have had either a breach or an audit issue on their cloud environments in the past 12 months

Modern data security for a Zero Trust world

Discover sensitive data

Encrypt sensitive data

Secure encryption keys

Control user access

Thanks to our sponsors

Visit **cpl.thalesgroup.com/access-management-index** to download the full report, including 451 Research recommendations.

Source: 2021 Cloud Security custom survey from 451 Research, part of S&P Global Market Intelligence, commissioned by Thales