



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



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



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

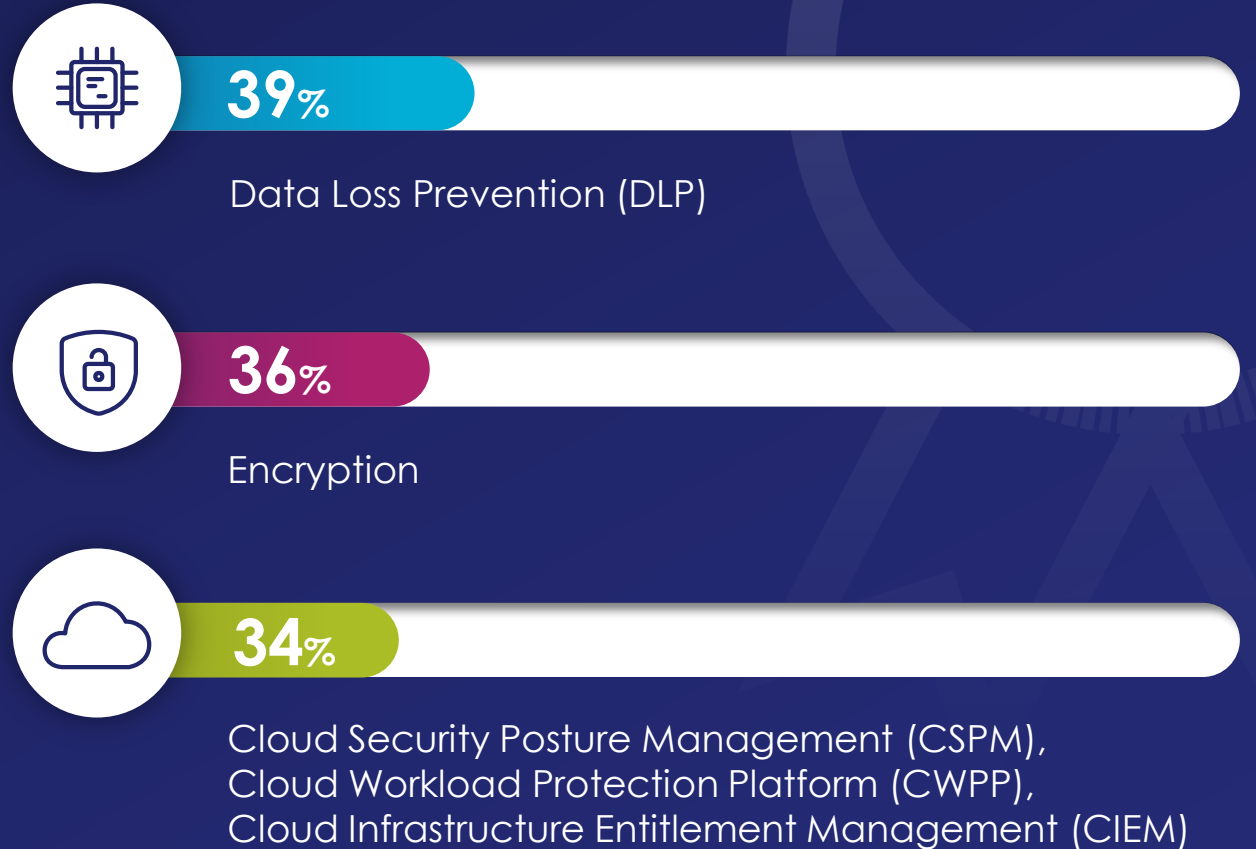


ONLY

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



Encryption is not widespread in the cloud



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

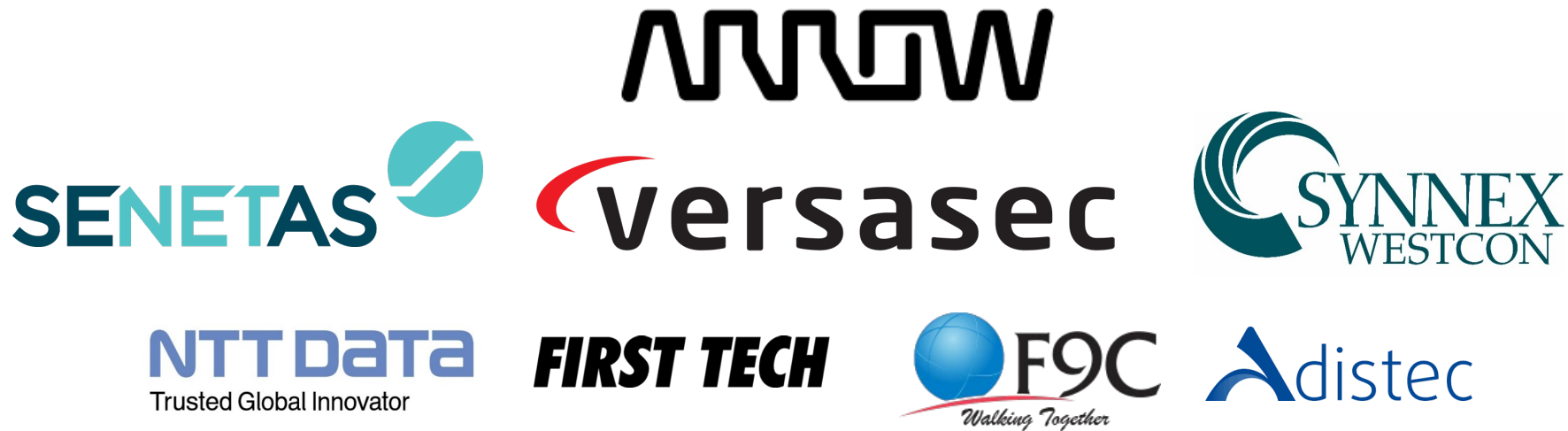


Secure
encryption keys



Control
user access

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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