

# Access Management is Essential for Cloud Transformation

## 2019 Thales Access Management Index



# Cloud services are targets for cyber attacks

The speed of cloud services adoption is outpacing traditional internal security controls.



# Cloud services are targets for cyber attacks



# 49%

.....

of businesses believe cloud applications are the  
**biggest targets** for cyber attacks

# Most effective access management technologies

Without the ability to properly secure cloud-based services, organizations are exposing themselves to unnecessary security threats.

## Cloud access management being conducive to cloud adoption

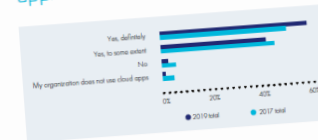
Over half (56%) go as far as to say that this is definitely the case.

In 2017, slightly fewer (51%) reported that cloud access management for cloud and web applications is conducive to facilitating cloud adoption; this suggests that there is an even bigger bond forming between cloud access management and cloud adoption.

97%

respondents cite that cloud access management for cloud and web applications is conducive to facilitating cloud adoption

Would organizations like to be able to manage cloud access management centrally for all applications?



**Figure 13**  
\*Do you see cloud access management for cloud and web applications as being conducive to facilitating cloud adoption? split by intent. Data shared to all respondents (1,000 respondents)

Those in India (84%) are the most likely to say that cloud access management for cloud and web applications is definitely conducive to facilitating cloud adoption, while those in Japan (43%) and Australia (42%) are the least likely.

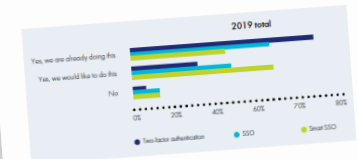
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## Managing cloud access management

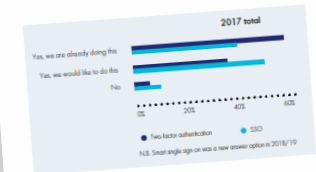
When it comes to managing cloud access management centrally for all applications, seven in ten (70%) respondents' organizations are currently doing this for two-factor authentication, while fewer say the same regarding SSO (53%) and/or smart SSO (36%) (Fig. 14).

This is an increase from 2017 where smaller proportions were doing this for two-factor authentication (58%) and/or SSO (36%) (Fig. 15).

Central management seems to be the way that organizations are moving and this may further facilitate the adoption of cloud (Fig. 13).



**Figure 14**  
\*Would you like to be able to manage cloud access management centrally for all applications in your organization cloud apps are: personal apps, iOS, enterprise apps, etc? split to all respondents (1,000 respondents)

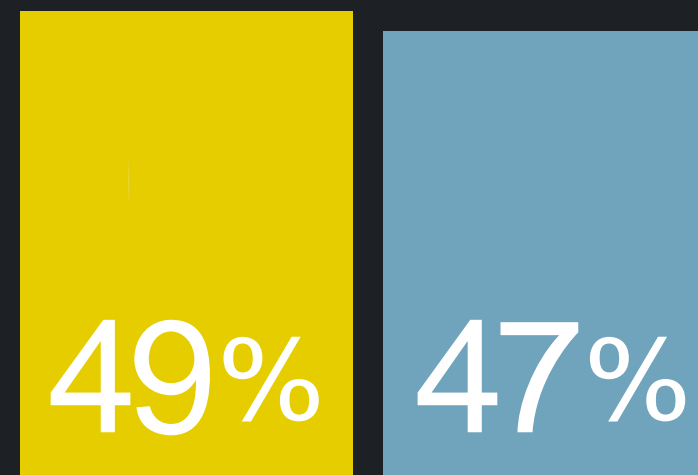


**Figure 15**  
\*Would you like to be able to manage cloud access management centrally for all applications in your organization cloud apps are: personal apps, iOS, enterprise apps, etc? split to all respondents (1,000 respondents)

## Top access management technologies

# 58%

.....  
believe two-factor authentication is the  
most likely **access management tool**  
to **protect** cloud and **web-based apps**



...while 49% believe it is smart  
single sign-on and 47%  
biometric authentication

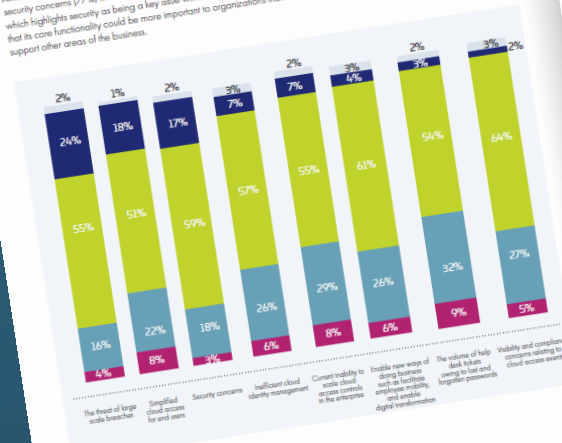
# Data breaches are driving access management adoption

The growing awareness of consumer data breaches has led to organizations taking action to increase investments in IT security

## Drivers for access management solutions

When it comes to drivers for implementing an access management solution, respondents are most likely to say that the threat of large scale breaches (24%) and/or simplified cloud access for end users (18%) are the most significant considerations.

Almost eight in ten report that the threat of large scale breaches (78%) and/or security concerns (77%) are one of the main or the most significant considerations, which highlights security as being a key issue within organizations and suggests that its core functionality could be more important to organizations than its ability to support other areas of the business.



**Figure 7** What are the main drivers for implementing an access management solution in your organization? (related to all respondents (1,000 respondents))

The threat of large scale breaches was also the most likely (24%) most significant consideration in 2017.

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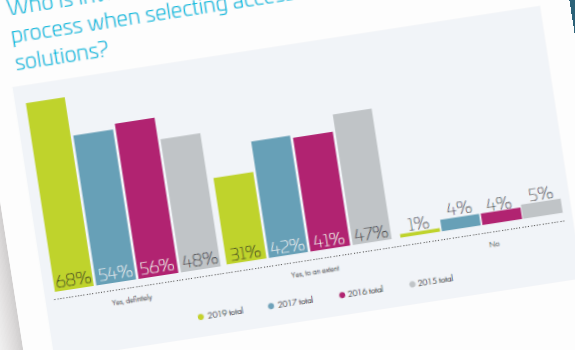
## Controlling access to comply with data protection regulations

Slightly more than two in three (68%) go as far as to say that this is definitely the case, which is a much bigger proportion than in previous years (54%, 56% and 48% respectively).

The increase in this level of thinking could also be a factor as to why there has been a rise in access management capabilities in use (Fig. 6) - particularly with regulations becoming ever more strenuous, or new regulations being put in place altogether (such as GDPR).

**99%**  
respondents say that controlling who has access to specific types of data can contribute toward their organization's ability to comply with data protection regulations and pass security audits.

## Who is involved in the decision-making process when selecting access management solutions?



**Figure 8** Do you think controlling who has access to specific types of data can contribute toward your organization's ability to comply with data protection regulations and pass security audits? (related to all respondents (1,000 respondents in 2019, 70 in 2017, 100 in 2016, and 100 in 2015))

Respondents in India (88%), the Middle East (76%) and South Africa (74%) are the most likely to state that this is definitely the case.

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# Data Breaches driving access management adoption



# 94%

.....  
of organizations' security policies  
have been influenced by data  
breaches in the last 12 months

# 38%

.....  
of companies have instituted  
a CISO office to improve  
cybersecurity readiness







# 99%

.....

respondents say that controlling who has access to specific types of data can contribute toward their organization's ability to comply with data protection regulations and pass security audits

# 75%

.....

of respondents' organizations secure external users' access to online corporate resources with access management





# Access management is essential for cloud transformation

Organizations are seeing increased pressure to implement a cloud access management solution

## Best access management tools to protect cloud & web-based apps

Almost half of surveyed ITDMs state smart single sign-on (49%) and/or biometric authentication (47%) are some of the best tools at protecting cloud and web-based apps.

Social identity credentials is the area which is least likely (24%) to be perceived as the best, which makes it even more surprising that over half (56%) would allow employees in their organization to log on to corporate resources using their social media credentials (Fig. 3).

58%

saw two-factor authentication as the most likely access management tool to be best at protecting cloud and web-based apps

## Is cloud access management for cloud and web applications conducive to facilitating cloud adoption?

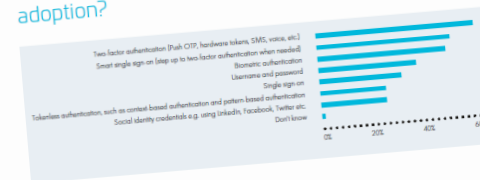


Figure 12  
To your opinion, which of the following access management tools are the best at protecting cloud and web-based applications? asked to all respondents (1,020 respondents)

Two-factor authentication is the tool most likely to be considered as the best across all countries (44%-72% respectively).

## Cloud access management being conducive to cloud adoption

Over half (56%) go as far as to say that this is definitely the case.

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## Would organizations like to be able to manage cloud access management centrally for all applications?

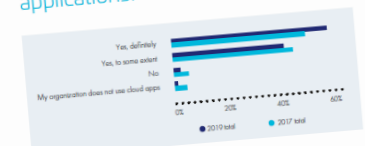


Figure 13  
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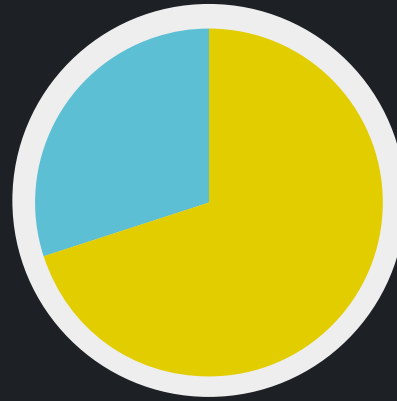
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36%

.....

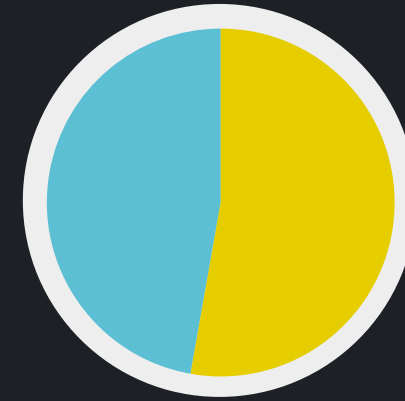
are using  
smart SSO



70%

.....

are using two-factor  
authentication



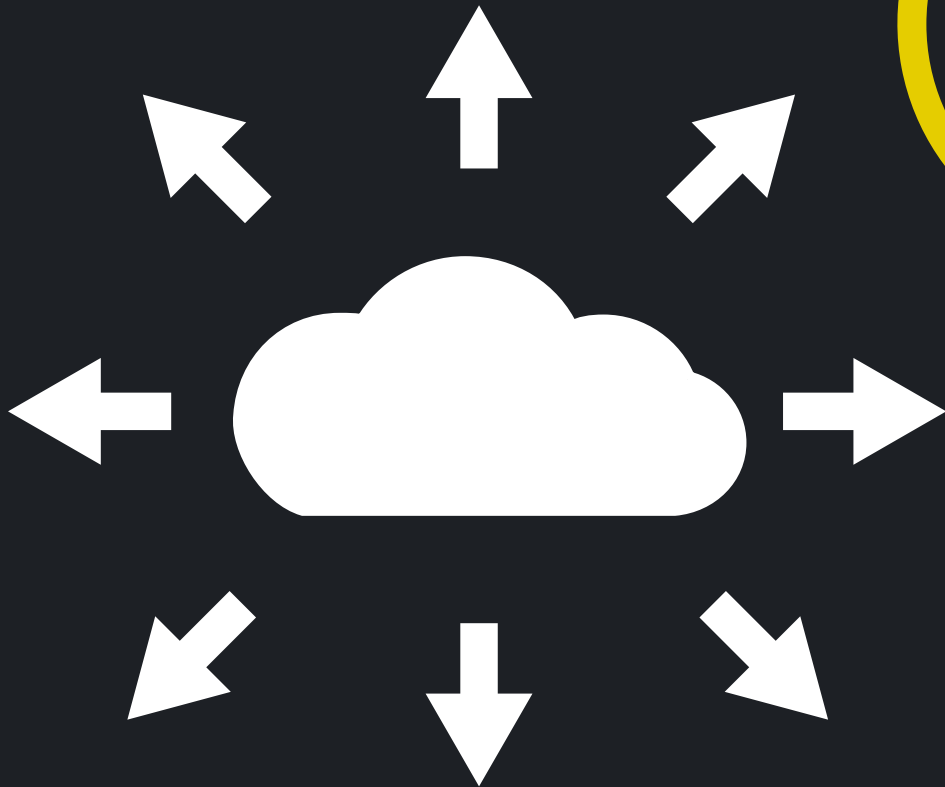
53%

.....

are using SSO

# Access management is essential for cloud transformation

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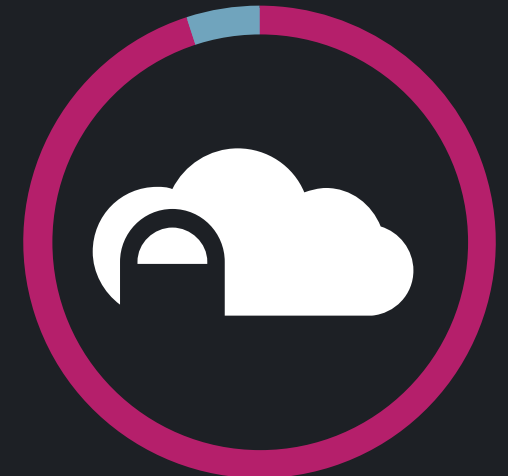


97%

.....  
say that cloud access management  
for cloud applications is conducive  
to cloud adoption

95%

.....  
believe that ineffective cloud access  
management can or does cause  
issues for their organization





For more details, visit: [thalessecurity.com/2019/AMI](https://thalessecurity.com/2019/AMI)

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