ZERO TRUST AND IT SECURITY

A Global Survey of Security Stakeholders

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KEY FINDINGS

Zero Trust adoption is a work in progress

- 99% say Zero Trust is important including 75% who characterize it as "Critically" or "Very" important
- 90% will adopt Zero Trust, although only 14% have already implemented
- 39% have begun implementation and 22% will begin implementation within the year

IT security teams getting started with Zero Trust in a variety of ways

- Top recommendations for getting started with Zero Trust include continuously verifying access (49%) and betting monitoring user access and privilege (48%)
- 61% of companies are reconfiguring access policies and 51% are implementing new technology as part of their Zero Trust implementation

Multiple barriers remain to Zero Trust adoption

- Only 21% say they are "very confident" in their organization's understanding of Zero Trust
- 94% report challenges with implementing Zero Trust
- Challenges include lack of clarity (32%), other priorities (31%), and lack of resources (29%)

RESEARCH
METHODOLOGY

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GOALS AND METHODOLOGY

Research Goal — The primary research goal was to capture hard data on current trends and experiences with Zero Trust security.

Methodology — Independent sources of IT security stakeholders were invited to participate in an online survey. A variety of questions were asked on topics including adoption and experiences with Zero Trust security. Responses were captured between September 8 and September 27, 2021.

Participants — A total of **1009 qualified individuals** completed the survey. All participants had direct responsibility for IT security. A wide range of industries, countries, and company sizes were represented.

DETAILED FINDINGS

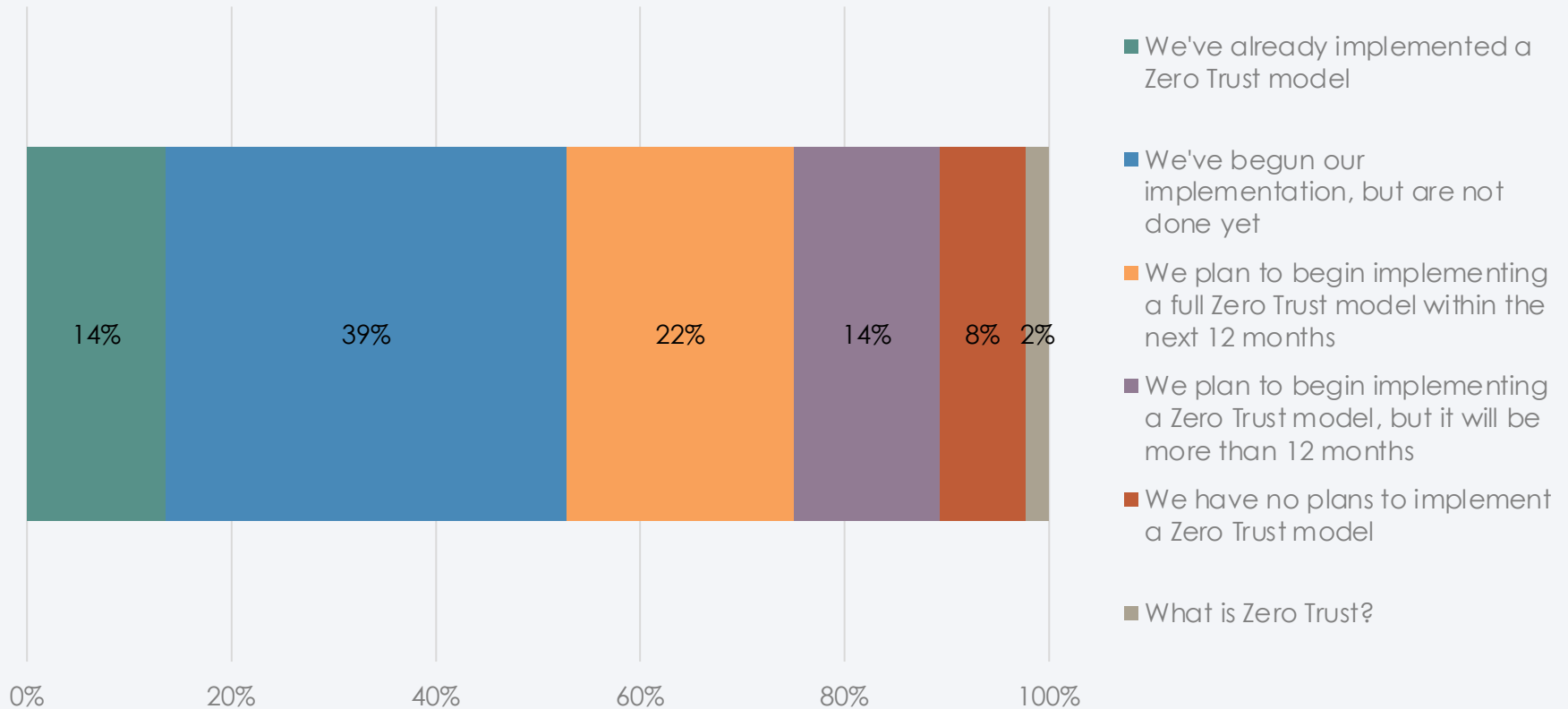## ZERO TRUST ADOPTION IS A WORK IN PROGRESS

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3 in 4 IT security pros characterize Zero Trust as "Critically" or "Very" important

How important is Zero Trust to your organization's security posture?

75%

Critically important	26%
Very important	49%
Somewhat important	24%
Not important	1%

Zero Trust adoption is ubiquitous, but for most it is still a work in progress

How would you characterize your organization's adoption of Zero Trust?

14%	39%	22%	14%	8%	2%

Legend:
- We've already implemented a Zero Trust model
- We've begun our implementation, but are not done yet
- We plan to begin implementing a full Zero Trust model within the next 12 months
- We plan to begin implementing a Zero Trust model, but it will be more than 12 months
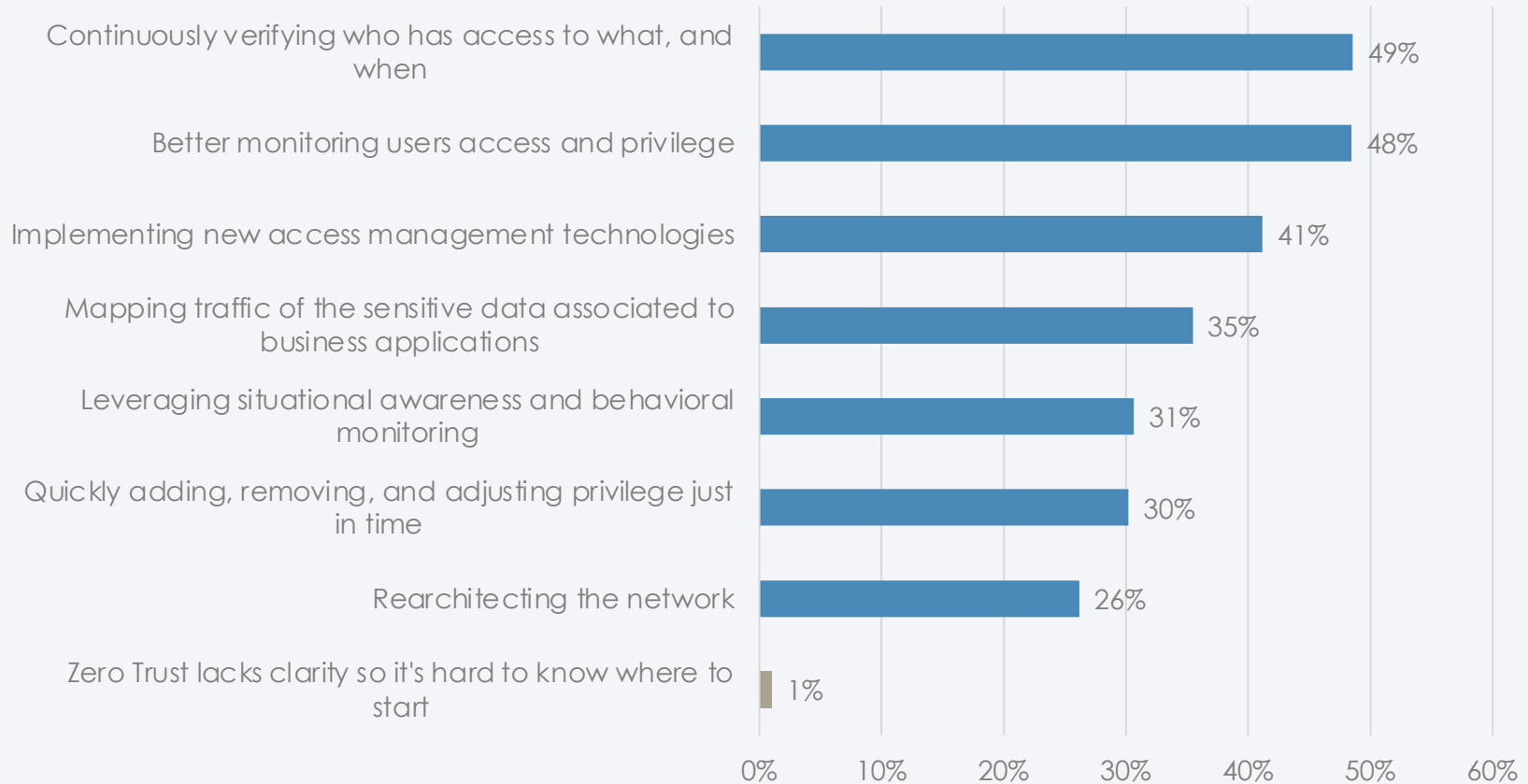- We have no plans to implement a Zero Trust model
- What is Zero Trust?

DETAILED FINDINGS

GETTING STARTED WITH ZERO TRUST
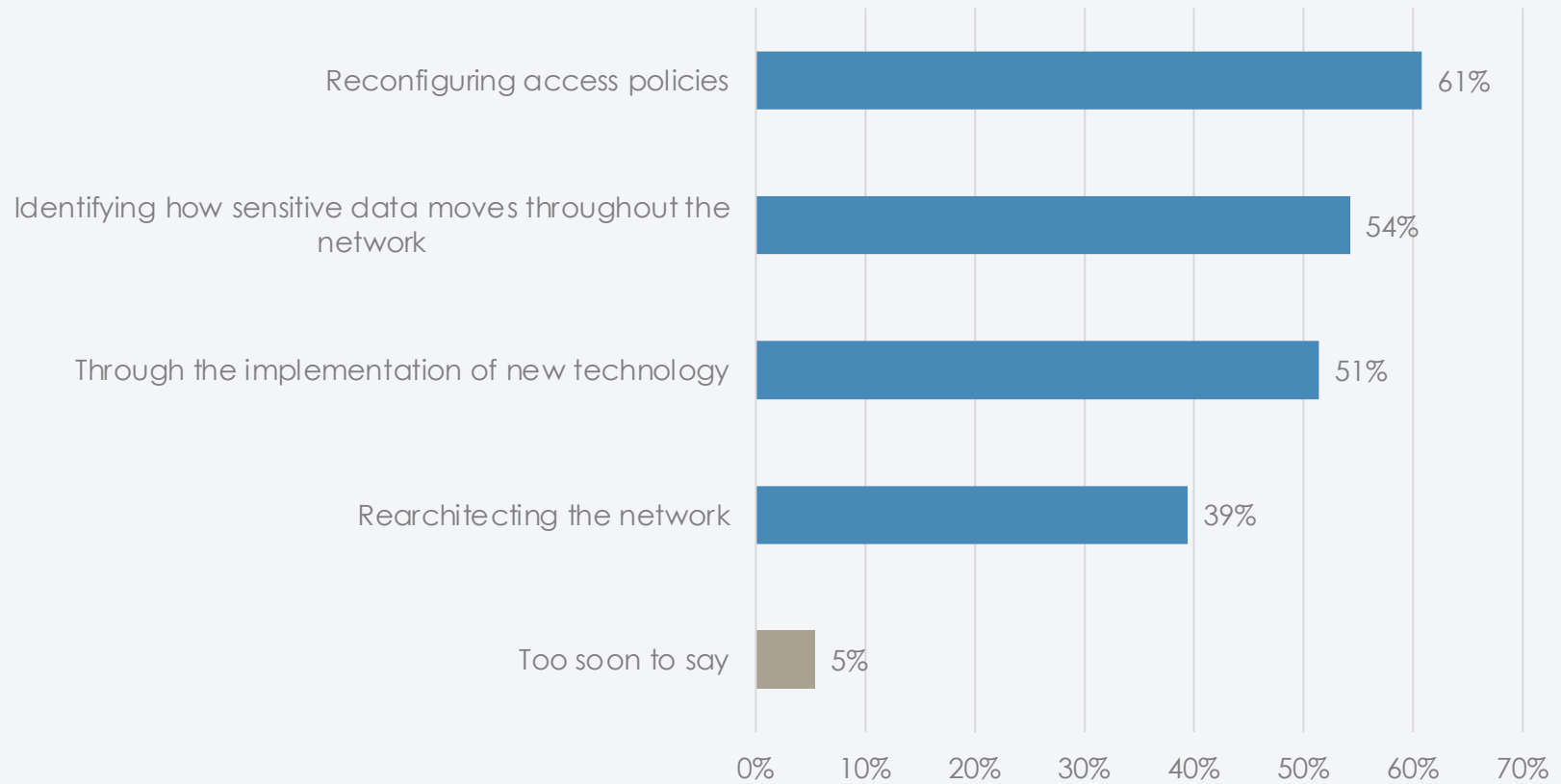
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IT security professionals report a range of approaches to begin implementing Zero Trust

Based on your experience, how do you think organizations can best begin implementing a Zero Trust model? Choose up to three of the following.

Approach	Percentage
Continuously verifying who has access to what, and when	49%
Better monitoring users access and privilege	48%
Implementing new access management technologies	41%
Mapping traffic of the sensitive data associated to business applications	35%
Leveraging situational awareness and behavioral monitoring	31%
Quickly adding, removing, and adjusting privilege just in time	30%
Rearchitecting the network	26%
Zero Trust lacks clarity so it's hard to know where to start	1%

n = will adopt Zero Trust

Companies adopting multiple approaches to implementing Zero Trust

How does your organization plan to implement a Zero Trust model?
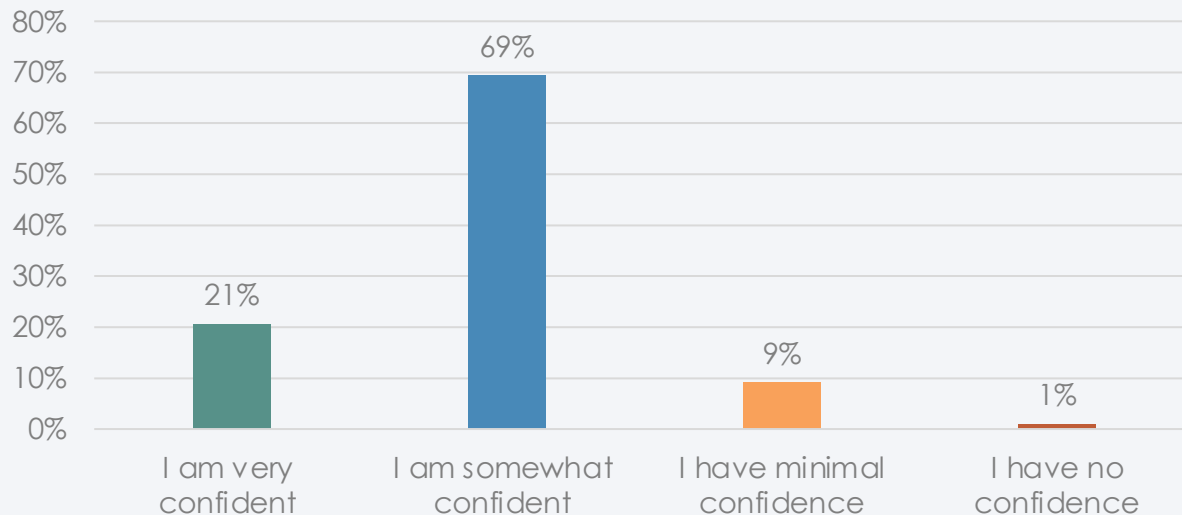Choose all that apply.

Approach	Percentage
Reconfiguring access policies	61%
Identifying how sensitive data moves throughout the network	54%
Through the implementation of new technology	51%
Rearchitecting the network	39%
Too soon to say	5%

n = will adopt Zero Trust

DETAILED FINDINGS

BARRIERS TO ZERO TRUST ADOPTION

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Only 1 in 5 security stakeholders (21%) are "very confident" their organization understands Zero Trust

How confident are you in your organization's understanding of a Zero Trust model?
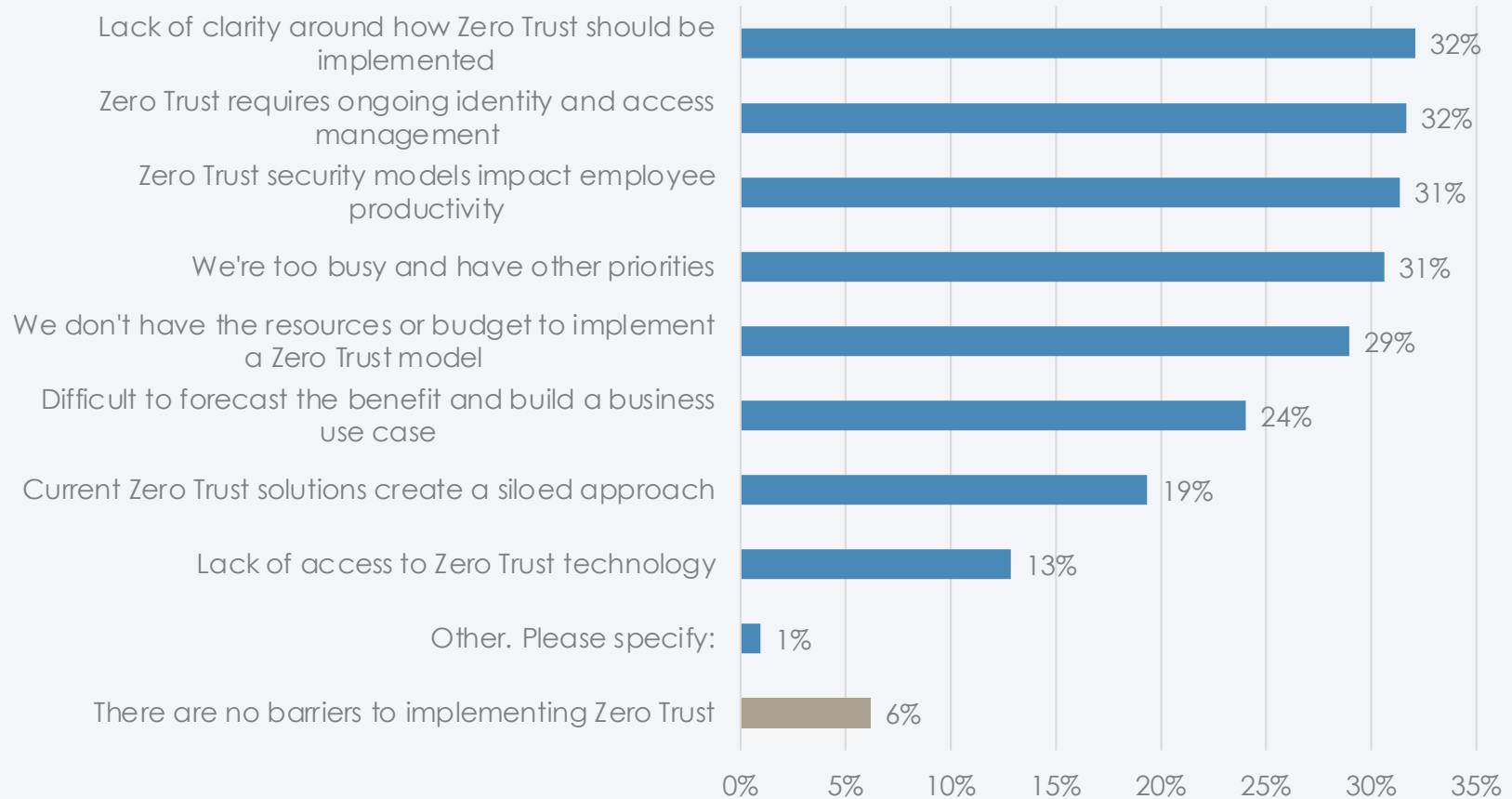
n = will adopt Zero Trust

Largest companies are slightly more confident in their understanding of Zero Trust

How confident are you in your organization's understanding of a Zero Trust model?

By Company Size

Legend:
- I am very confident
- I am somewhat confident
- I have minimal confidence
- I have no confidence

More than 5,000 employees: 26%, 67%, 6%

2,500 - 5,000 employees: 16%, 73%, 10%, 2%

500 - 2,500 employees: 16%, 71%, 12%, 2%

n = will adopt Zero Trust

94% report they face barriers to implementing Zero Trust

What are your organization's biggest barriers to implementing a Zero Trust model?
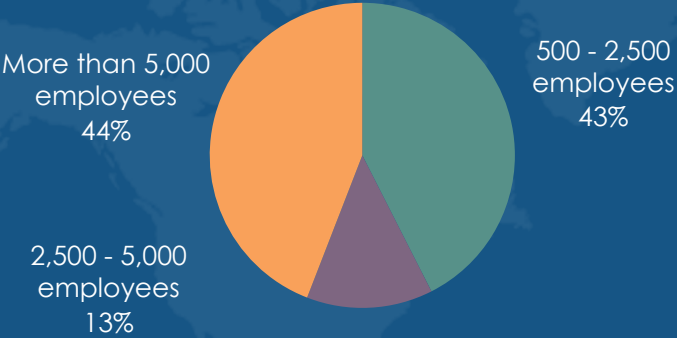Choose up to three of the following.

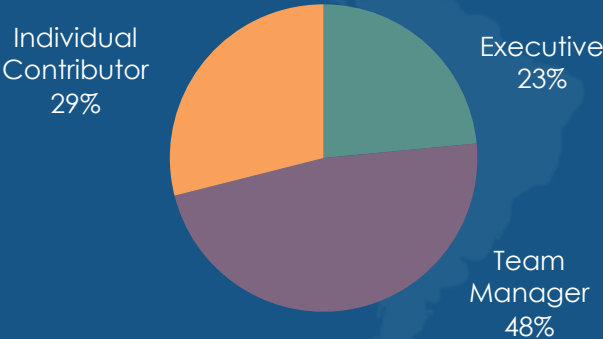| Barrier	Percentage
Lack of clarity around how Zero Trust should be implemented	32%
Zero Trust requires ongoing identity and access management	32%
Zero Trust security models impact employee productivity	31%
We're too busy and have other priorities	31%
We don't have the resources or budget to implement a Zero Trust model	29%
Difficult to forecast the benefit and build a business use case	24%
Current Zero Trust solutions create a siloed approach	19%
Lack of access to Zero Trust technology	13%
Other. Please specify:	1%
There are no barriers to implementing Zero Trust	6%

Frequent Other

I need to choose all of these, not 3; Persuading stakeholders of the need; Disruption to existing systems caused by the changes required;

n = are familiar with Zero Trust

PARTICIPANT PROFILE

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PARTICIPANT DEMOGRAPHICS

Company Size

- 500 - 2,500 employees 43%
- More than 5,000 employees 44%
- 2,500 - 5,000 employees 13%

Job Level

- Executive 23%
- Team Manager 48%
- Individual Contributor 29%

Industry

Industry	Percentage
Financial Services	16%
Technology - Software	12%
Healthcare	12%
Technology - Other	11%
Manufacturing	10%
Government	9%
Services	8%
University/Higher education	5%
Retail	5%
Other	4%
Energy and Utilities	3%
Transportation	2%
Education - Other	2%
Food and Beverage	1%
Non-Profit	1%

PARTICIPANT DEMOGRAPHICS (CON'T)

Country

United States or Canada 40%

United Kingdom 15%

Germany 15%

France 15%

Australia or New Zealand 15%

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One Identity delivers unified identity security solutions that help customers strengthen their overall cybersecurity posture and protect the people, applications and data essential to business. Our Unified Identity Security Platform brings together best-in-class Identity Governance and Administration (IGA), Identity and Access Management (IAM), Privileged Access Management (PAM) and Active Directory Management and Security (ADMS) capabilities to enable organizations to shift from a fragmented to a holistic approach to identity security. One Identity is trusted and proven on a global scale – managing more than 250 million identities for more than 5,000 organizations worldwide. For more information, visit http://www.oneidentity.com.

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