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IBM GOVERNMENT INDEX FOR IT MODERNIZATION

JUNE 17 – 25, 2021

KEY FINDINGS

1. Nearly 70% of government IT decision makers are concerned about security risks when migrating to modern cloud platforms.
2. Government IT decision makers anticipate their agency will spend the most on cybersecurity in planning for next year.
3. Over three in four (78%) of government IT decision makers think migrating and managing data from legacy systems to the cloud is very or somewhat challenging for their agency.
4. Over half of government IT decision makers say their cloud administrators do not always require security features such as complex passwords (50%) and two-factor/multi-factor authentication (51%)
5. 50% of government IT decision makers report their agency is using a mix of security tools for on premise and cloud threats, creating a gap in visibility.
6. Almost half (46%) of government IT decision makers think security concerns hold their agency back from working with third party vendors.

AGENDA

INFRASTRUCTURE

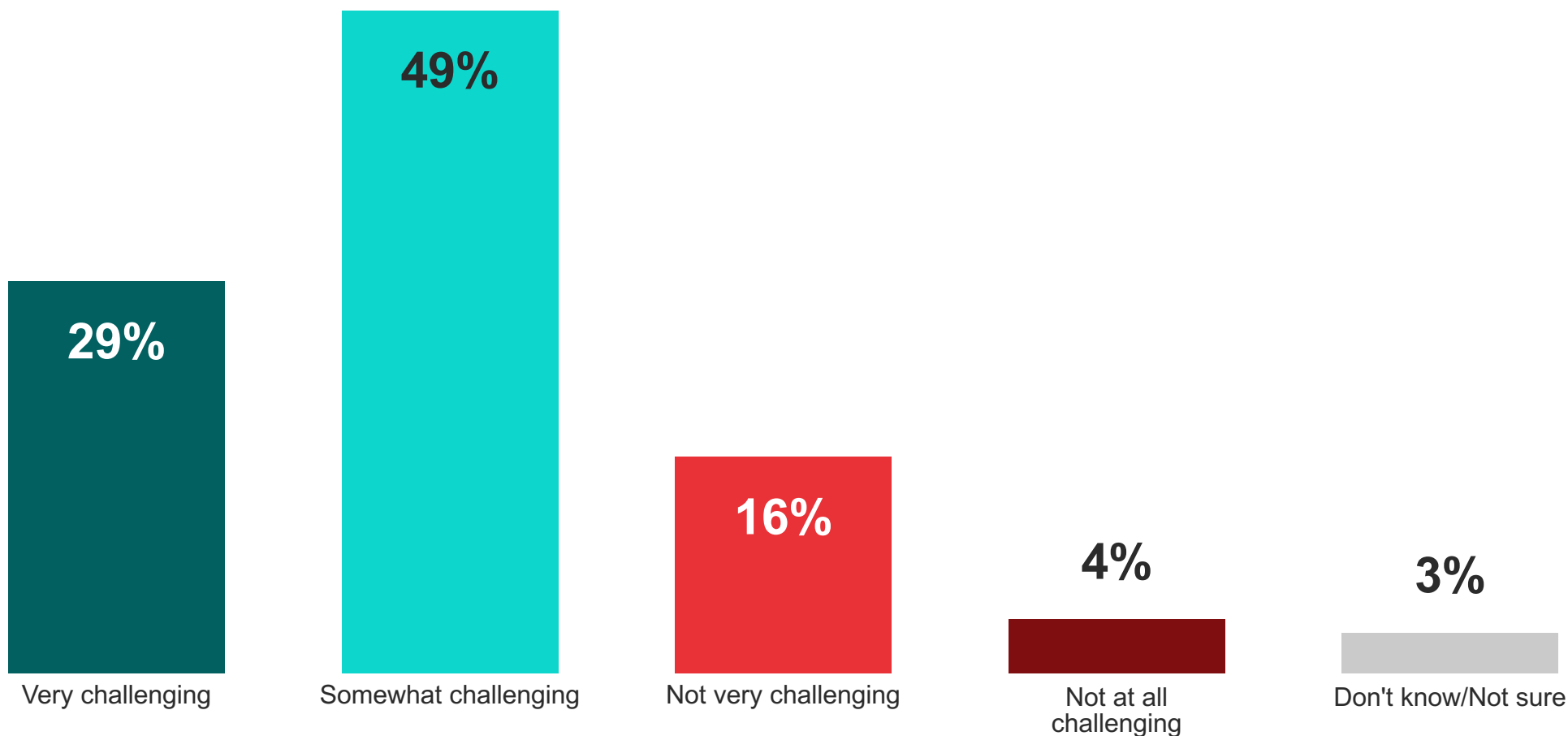
SECURITY



INFRASTRUCTURE

Over three in four (78%) of government IT decision makers think migrating and managing data from legacy systems to the cloud is very or somewhat challenging for their agency

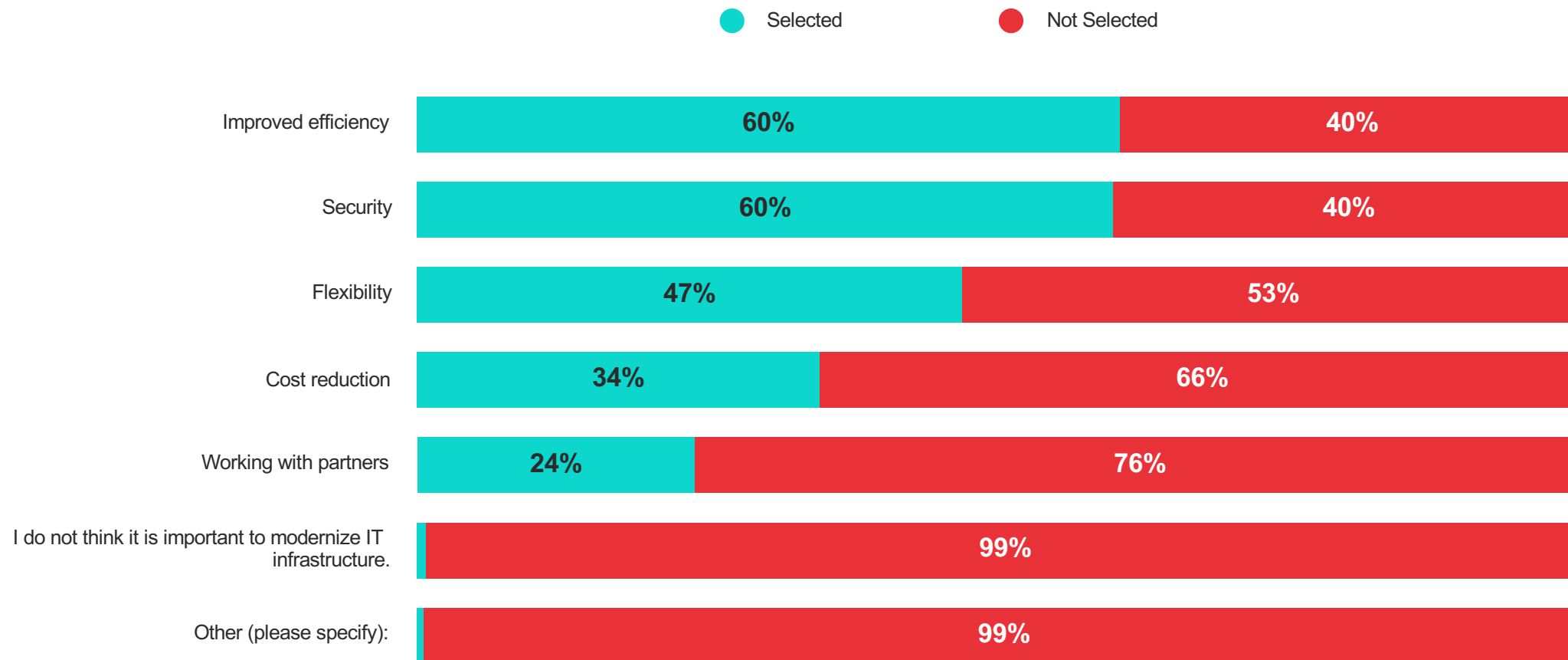
How challenging is migrating and managing data from legacy systems to the cloud a challenge for your agency?



INFRASTRUCTURE

60% of government IT decision makers think it is important to modernize IT infrastructure to improve efficiency and security

Why do you think it is important for your agency to modernize its IT infrastructure? Select all that apply.



SECURITY

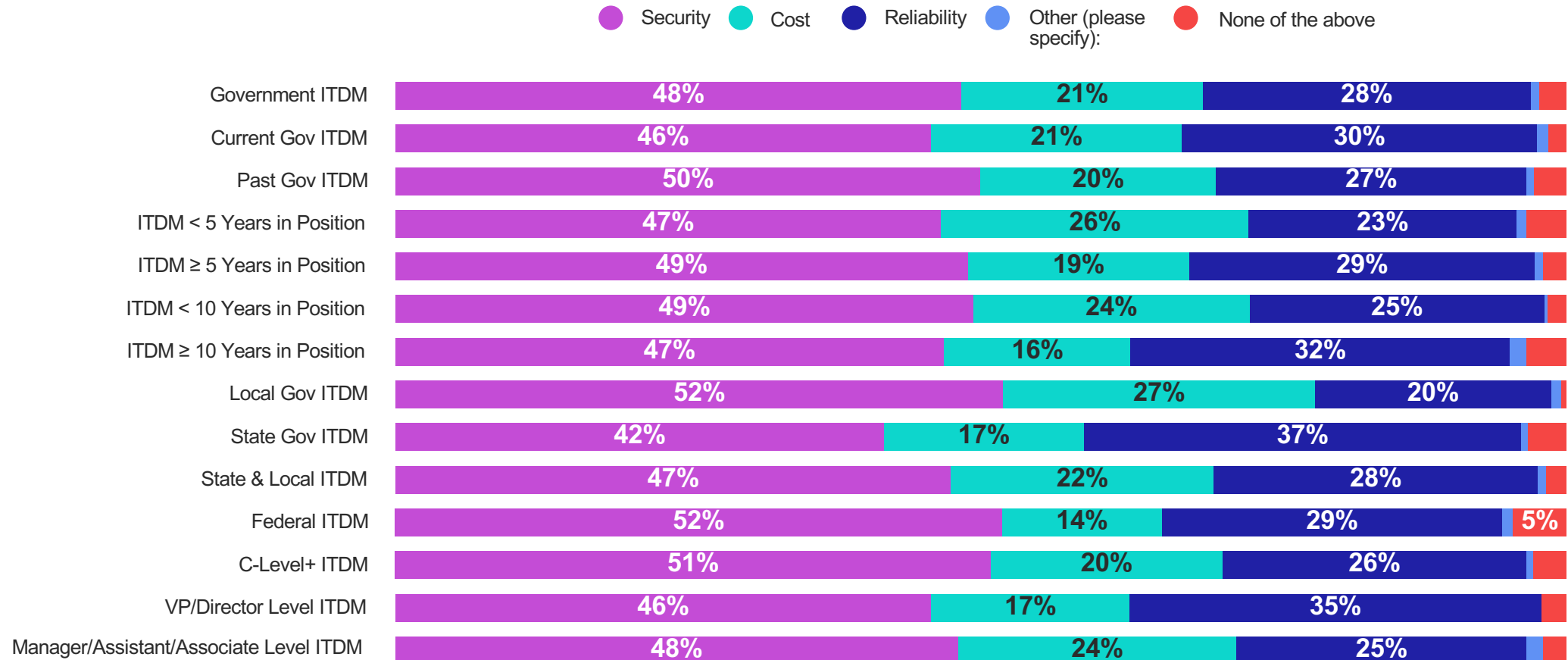
Nearly 70% of government IT decision makers are concerned about security risks when migrating to modern cloud platforms

What concerns do you have about migrating to modern cloud platforms? Select all that apply.



A plurality of government IT decision makers across all demographics say security is the primary barrier to cloud adoption for 'mission critical' workloads

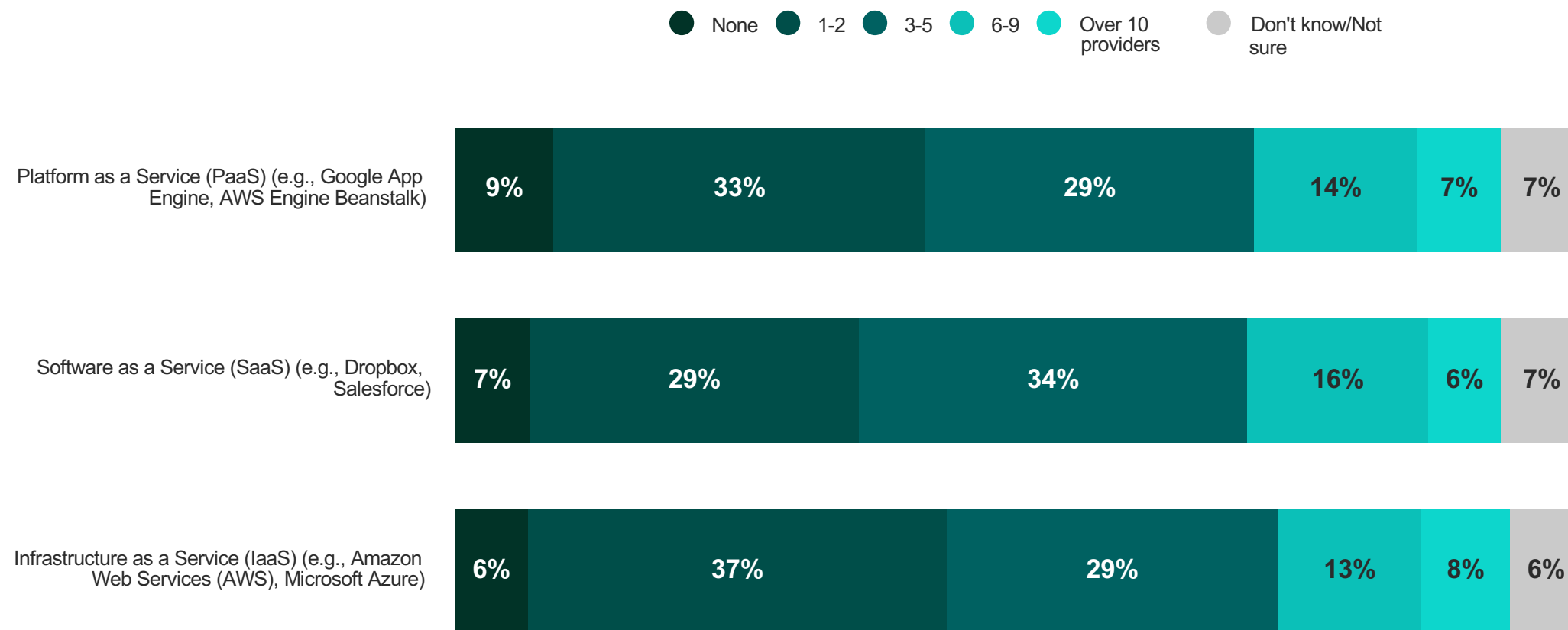
What is the primary barrier to cloud adoption for 'mission critical' workloads (i.e. workload that is essential to survival of agency)?



INFRASTRUCTURE

A majority of government IT decision makers are using more than ten cloud providers across Platform as a Service, Software as a Service, and Infrastructure as a Service

Approximately, how many of the following cloud providers is your government agency working with?



AGENDA

INFRASTRUCTURE

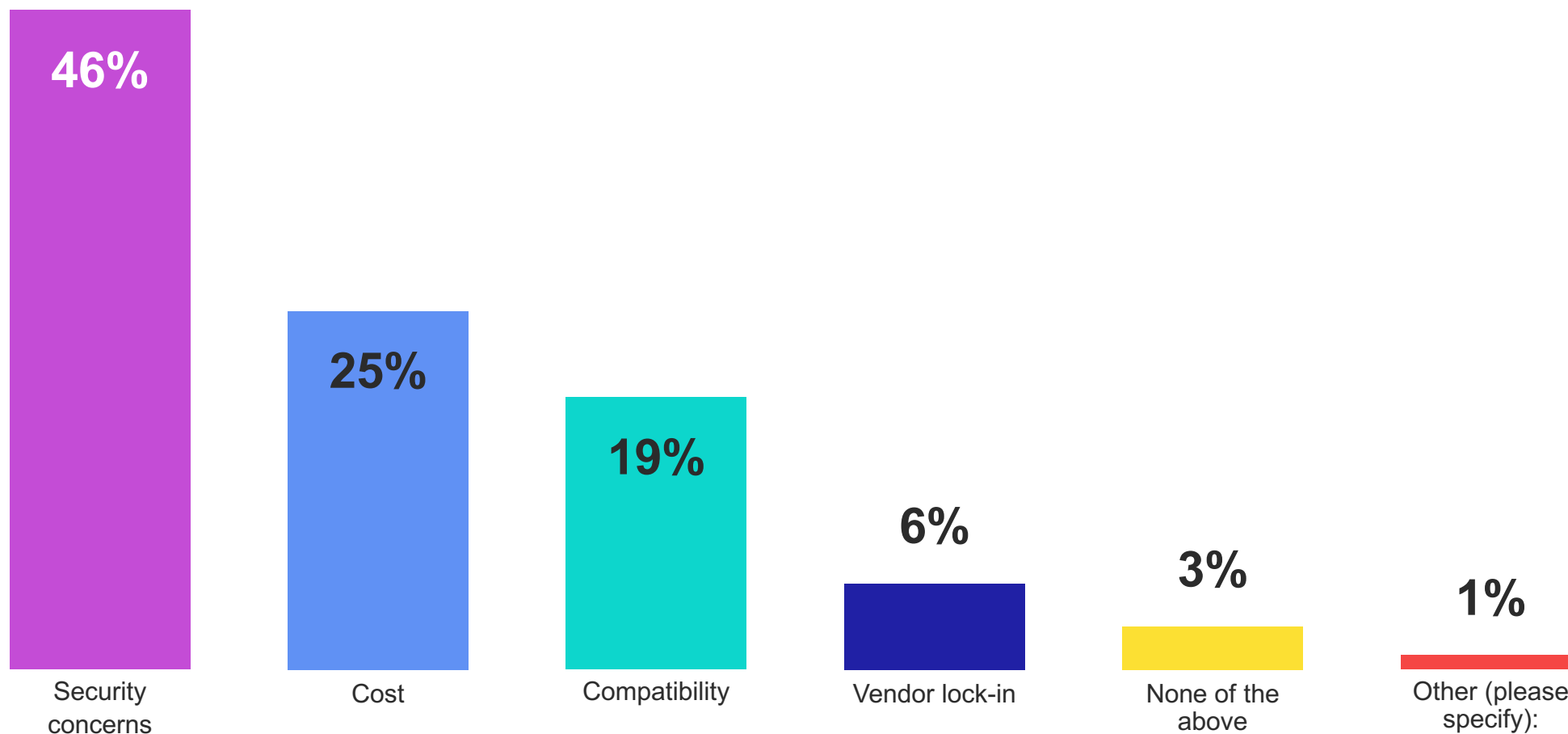
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Almost half (46%) of government IT decision makers think security concerns hold their agency back from working with third party vendors

What is the greatest barrier that holds your agency back from working with third party vendors?

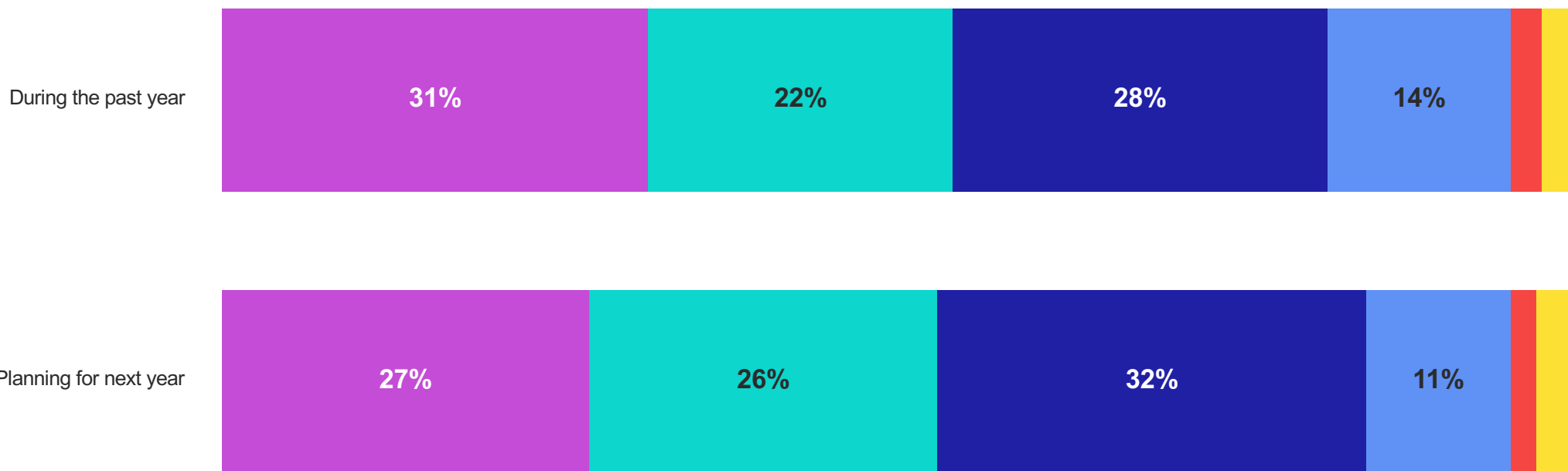


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Government IT decision makers anticipate their agency will spend the most on cybersecurity in planning for next year

Looking back to the last year, which of the following areas did your agency spend the most on? What about in planning for next year?

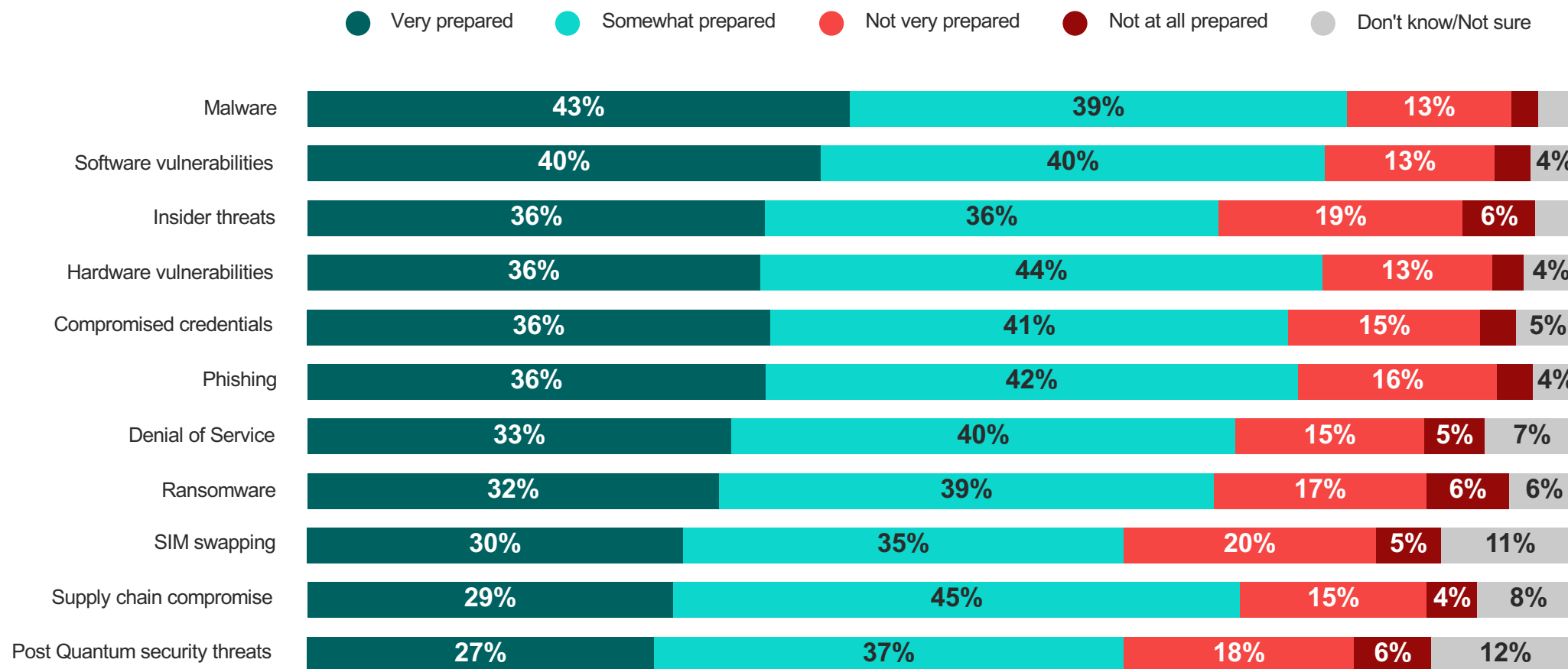
● IT
 ● Cloud
 ● Cybersecurity
 ● Personnel skills
 ● Other
 ● None of these



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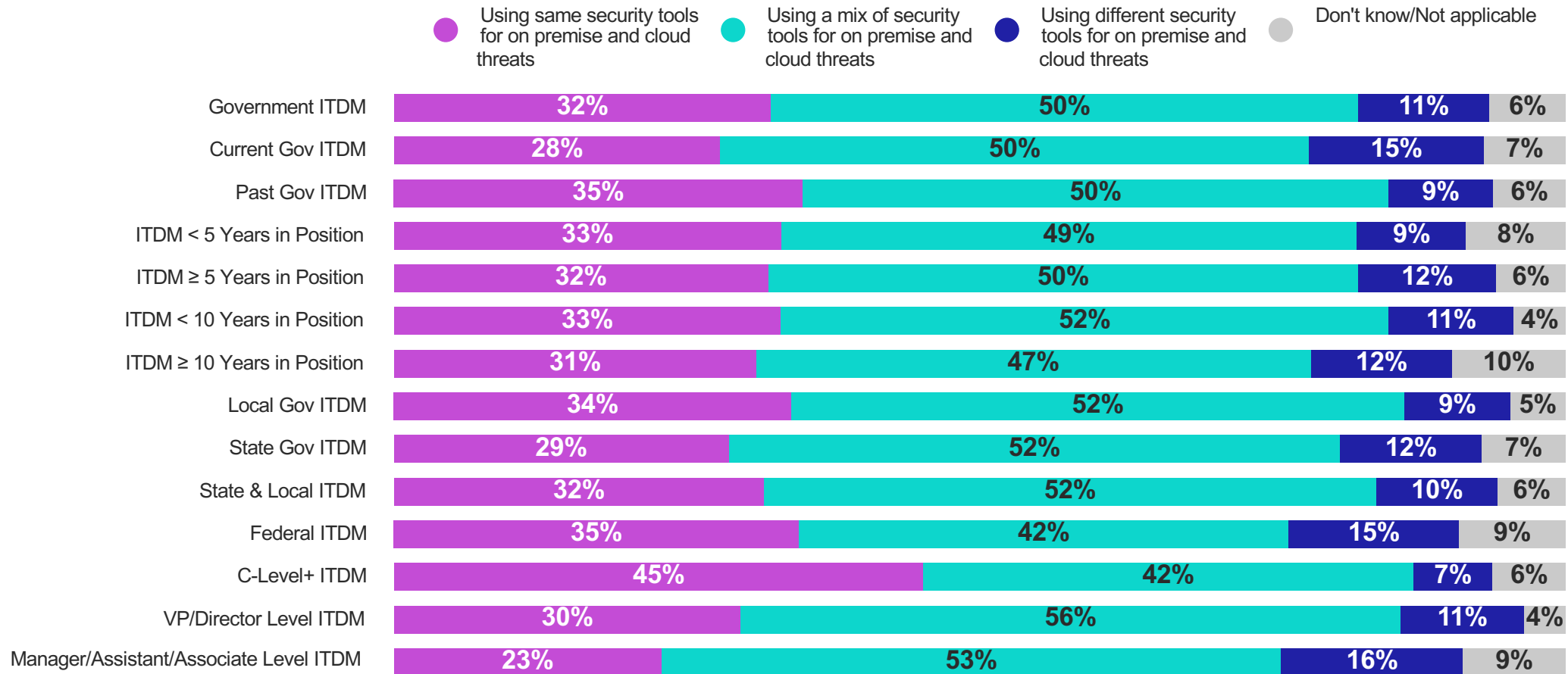
While a majority of government IT decision makers think their agency's technology is very or somewhat prepared for each security threat, a quarter think their agency is not very or not at all prepared for insider threats (25%), SIM swapping, or Post Quantum security threats (24%)

How prepared do you think your agency's technology is for the following threats?



50% of government IT decision makers report their agency is using a mix of security tools for on premise and cloud threats

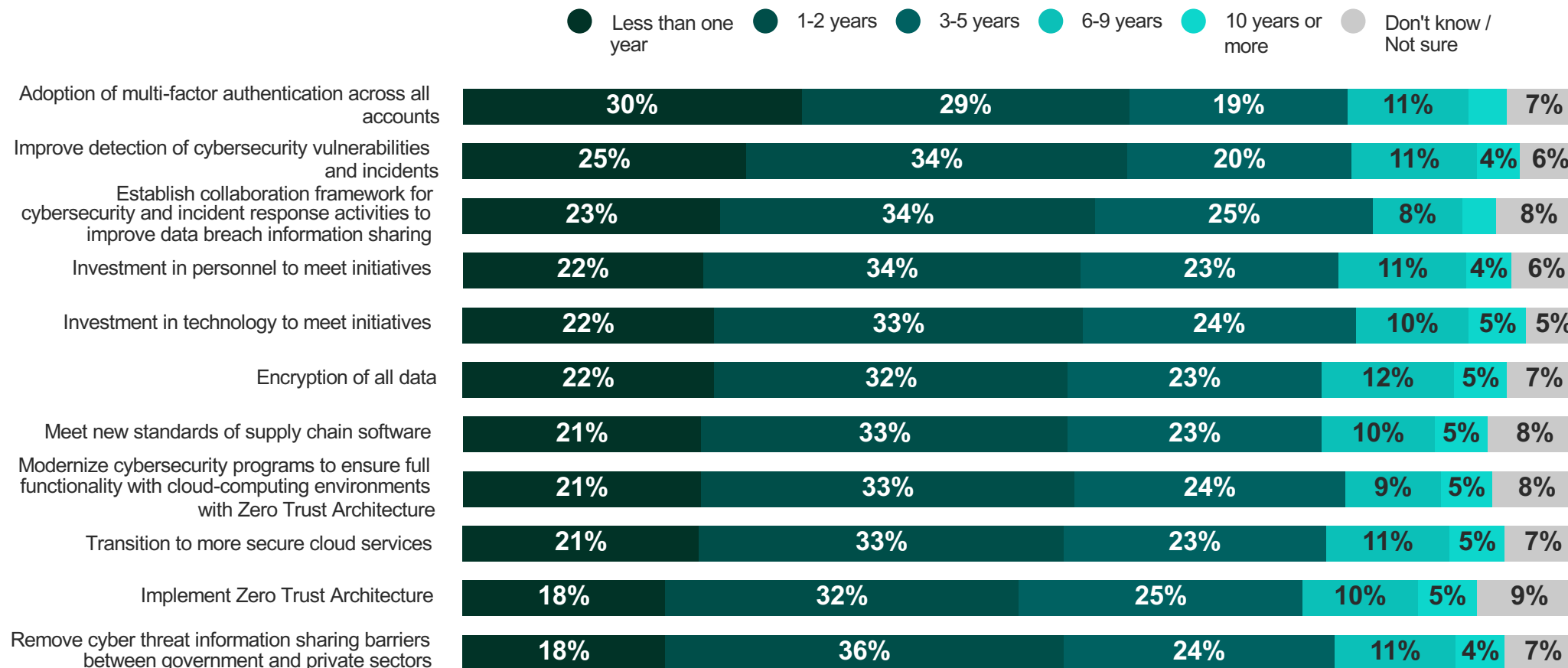
Is your agency using the same security tools or different security tools for on premise and cloud threats?



SOLARWINDS & CYBERSECURITY EXECUTIVE ORDER

40% of government IT decision makers think it will take longer than 3 years to implement Zero Trust Architecture and encrypt all data

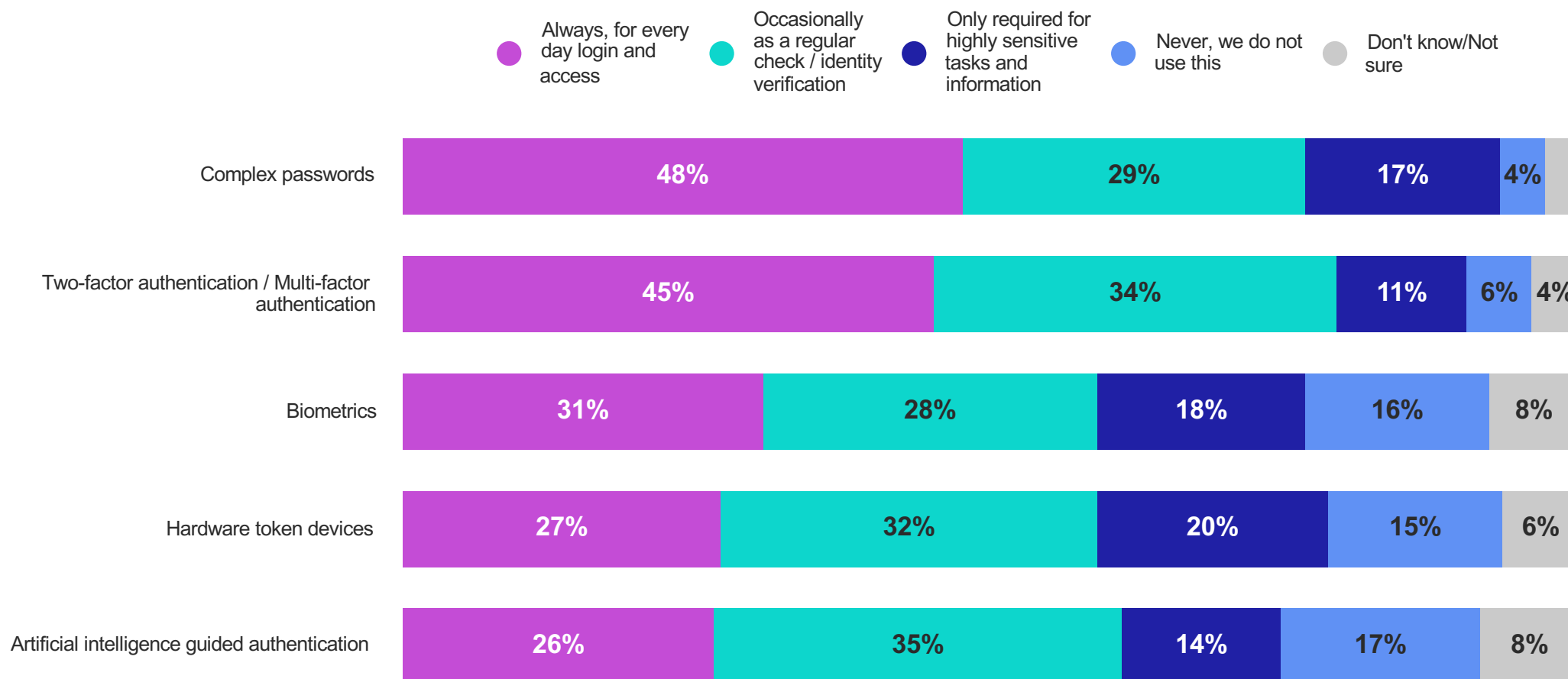
How long do you think it will take for your agency to secure your IT systems at levels mandated by President Biden's Cybersecurity Executive Order for the following components?



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Over half of government IT decision makers say their cloud administrators do not always require security features such as complex passwords (50%) and two-factor/multi-factor authentication (51%)

In which situations does your agency require cloud administrators to use the following security features?





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