

Remote Work and COVID-19 Cybersecurity Impact Report

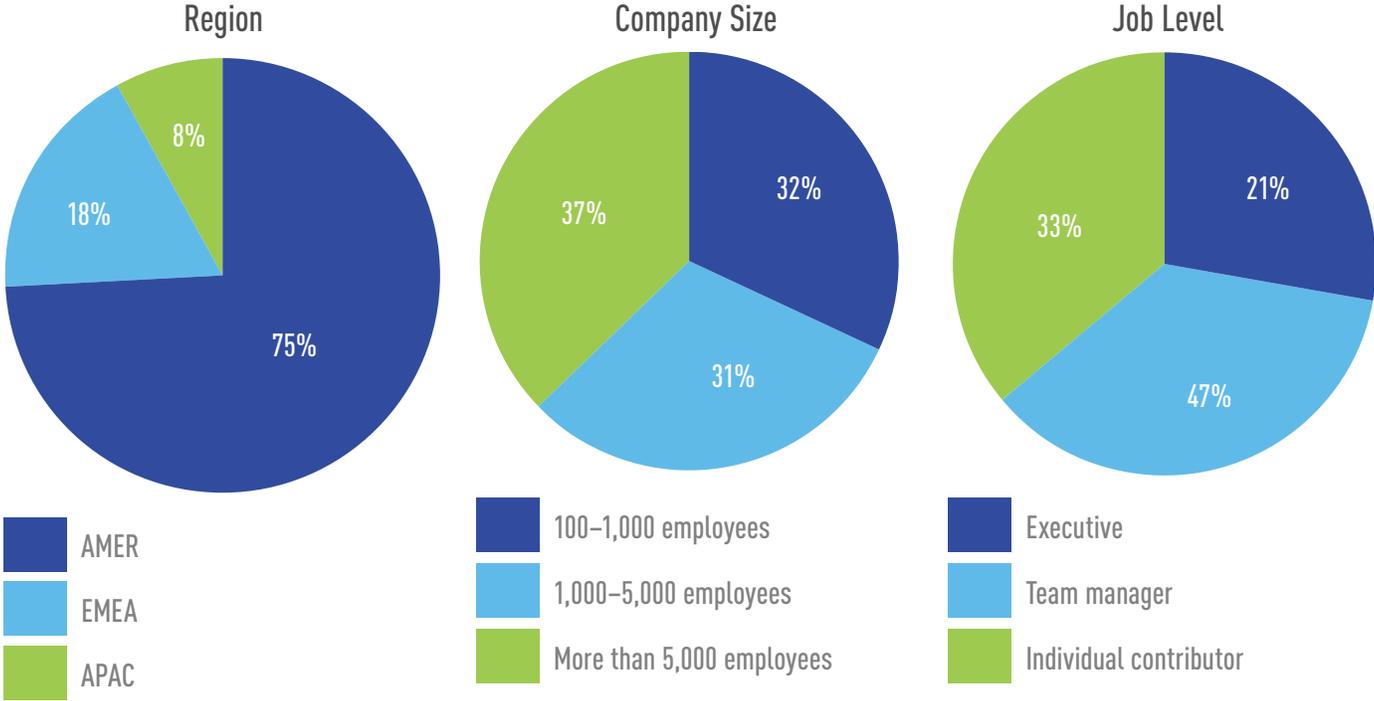
May 2020

To understand the impact COVID-19 and working from home has had on cybersecurity, Tripwire partnered with Dimensional Research to examine what security teams have faced and how they are managing the changing threat landscape.

This report covers findings from a survey conducted April 14 through April 21, 2020, outlining security professionals' top areas of concern in the wake of COVID-19 and how they are responding.

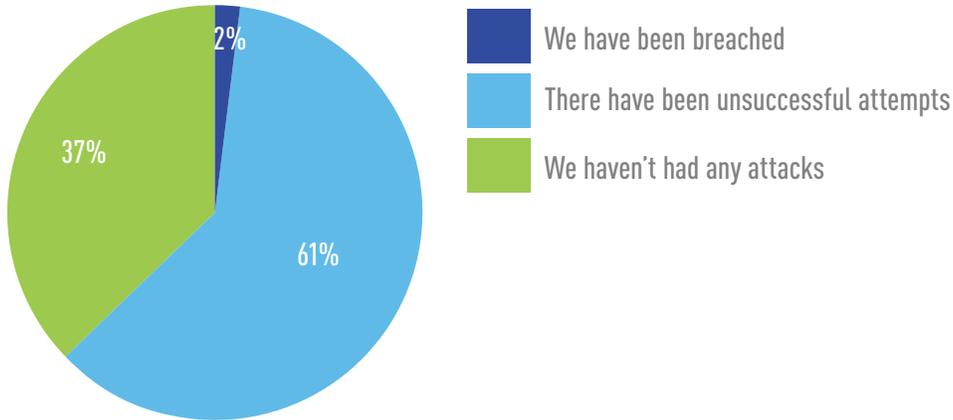
A total of 345 qualified individuals from around the globe completed the survey. All had responsibility for IT security at a company with more than 100 employees.

Participant Demographics



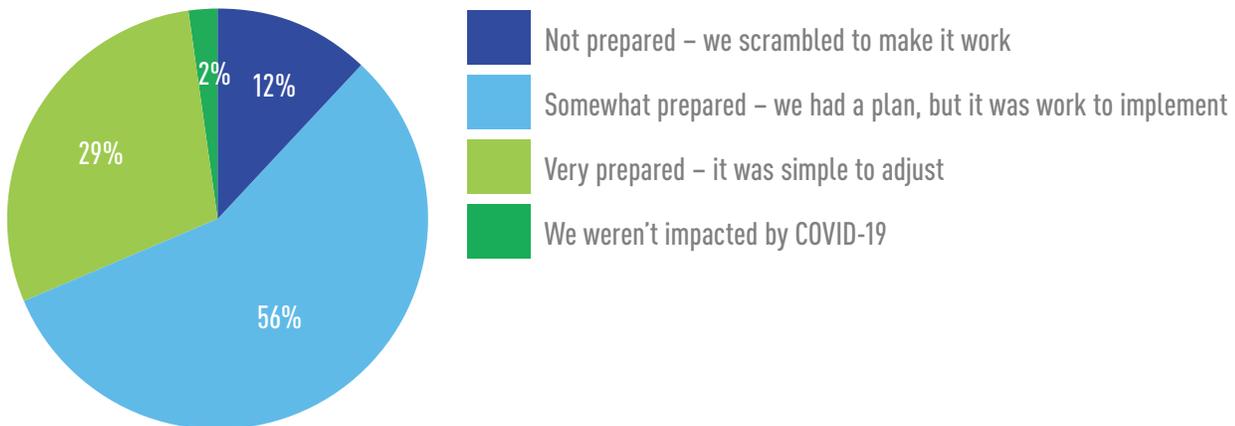
63% have experienced COVID-19 related attacks

How has your company been impacted by COVID-19 related ransomware, phishing, and social engineering attacks?



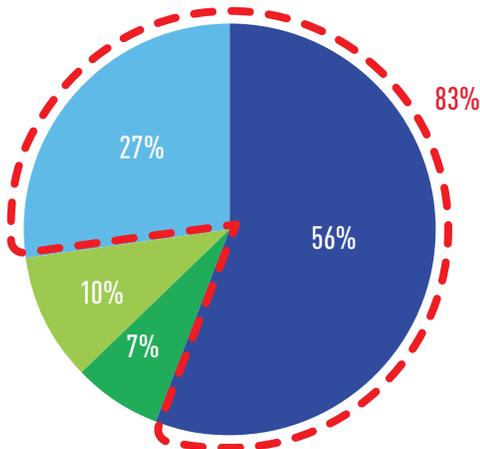
68% experienced difficulty in dealing with COVID-19

How prepared was your security organization to deal with the impact of COVID-19?



83% report a significant increase in employees working from home as a result of COVID-19

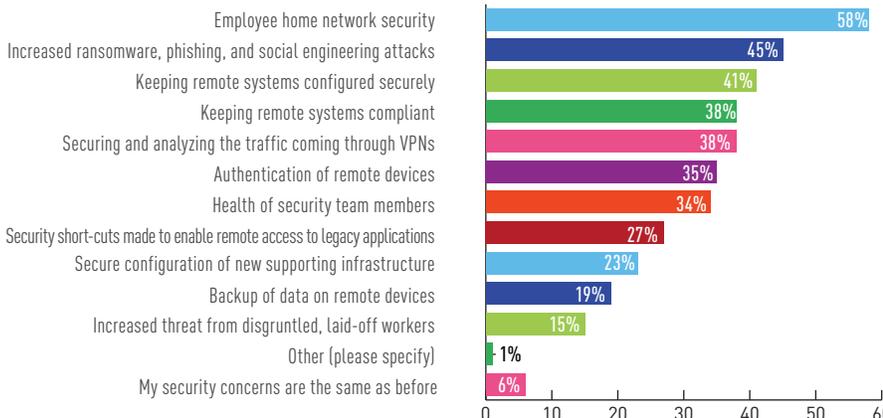
Which of the following statements most closely represents your company's approach to employees working from home as a result of COVID-19?



- We made a rapid shift to enable a significant number of employees to work from home that had not prior to COVID-19
- We had many employees that worked from home before, but we increased that significantly because of COVID-19
- We had many employees that worked from home before, and that increased a bit because of COVID-19
- Most of our employees didn't work from home before COVID-19 and they still don't

94% are more concerned about security now than before COVID-19

What areas of your company's security are you more concerned about now than you were before COVID-19? Choose all that apply.



Other

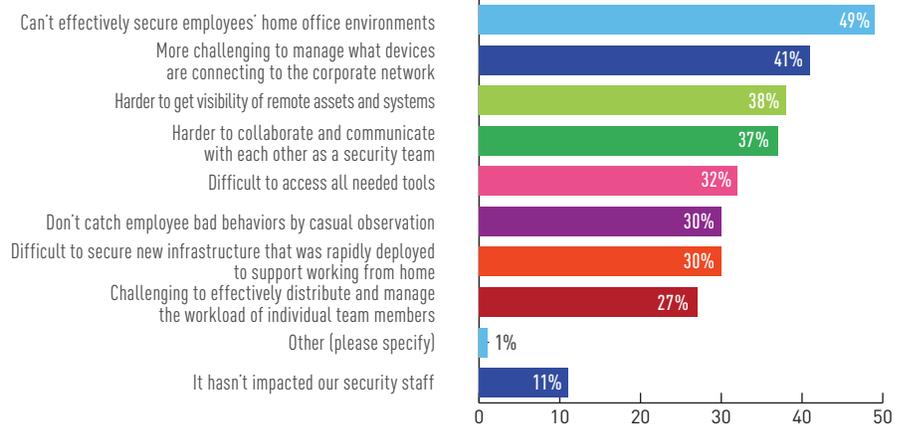
Most common: Physical security – Physical security of work from home setups; Theft of assets from empty offices; Physical security of offsite workplaces
Also: Health of remote workers; VPN; Lack of security in collaboration apps

89% say working from home makes it harder to do a great job at security

How has working from home impacted the ability of your company's security staff to do a great job? Choose all that apply.

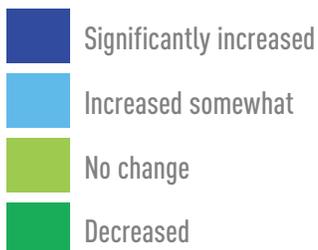
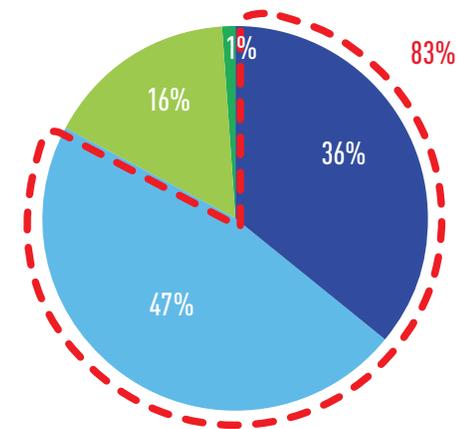
Other

Secure VPN oversaturation; Users are accustomed to call the help desk for problems they could solve on their own



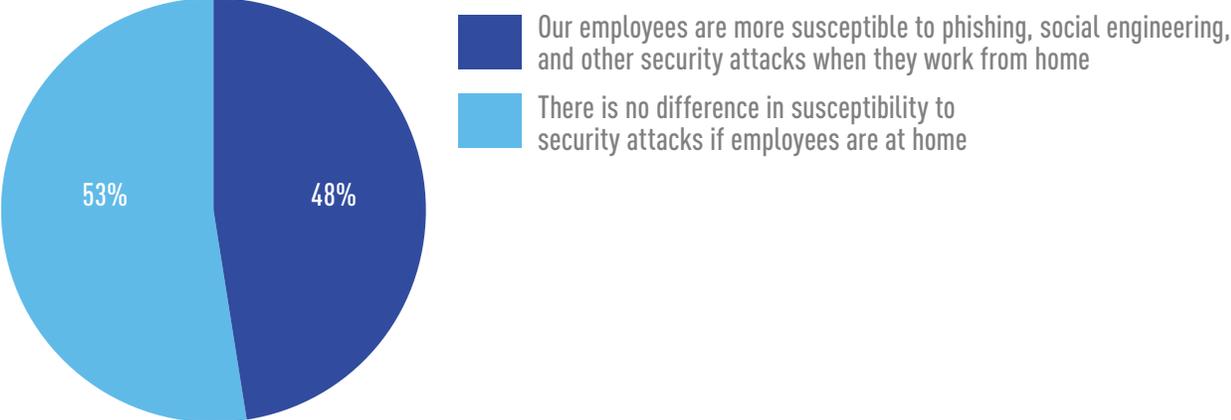
83% are more concerned about the security of collaboration tools

How has your level of concern about the security of collaboration tools like Zoom, Webex, Teams, Slack, etc. changed as a result of COVID-19?



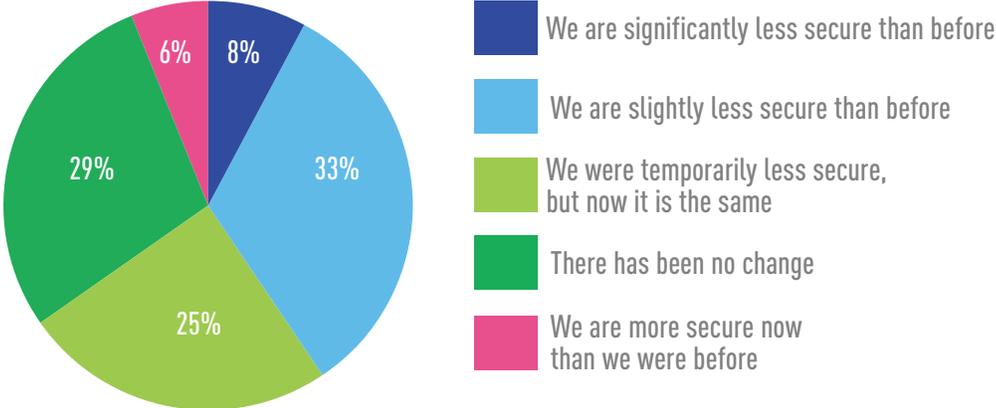
Almost half of security professionals believe employees are more susceptible to attacks when working from home

Which of the following statements best represents your opinion?



65% report their security is worse because of COVID-19 (at least temporarily)

Overall, how do you think security of your company's systems and data has changed as a result of COVID-19? Choose the one answer that most closely applies.

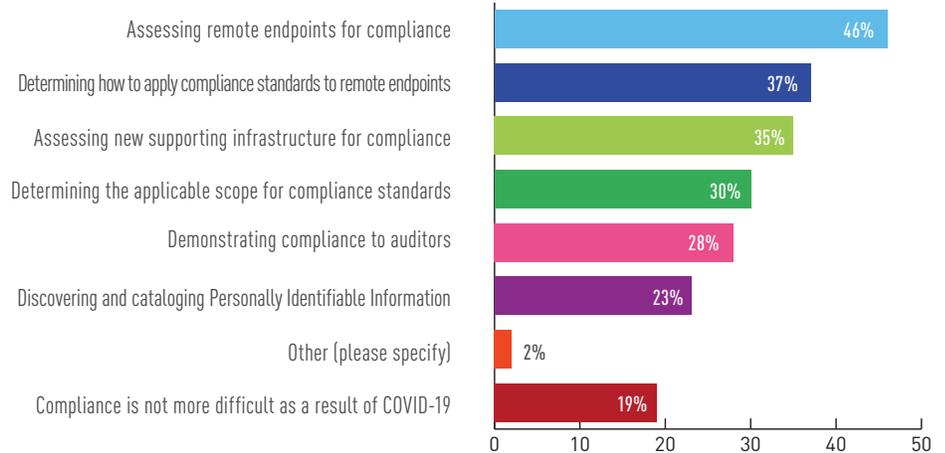


81% say compliance is more difficult because of COVID-19

Which of the following compliance activities are more difficult as a result of COVID-19? Choose all that apply.

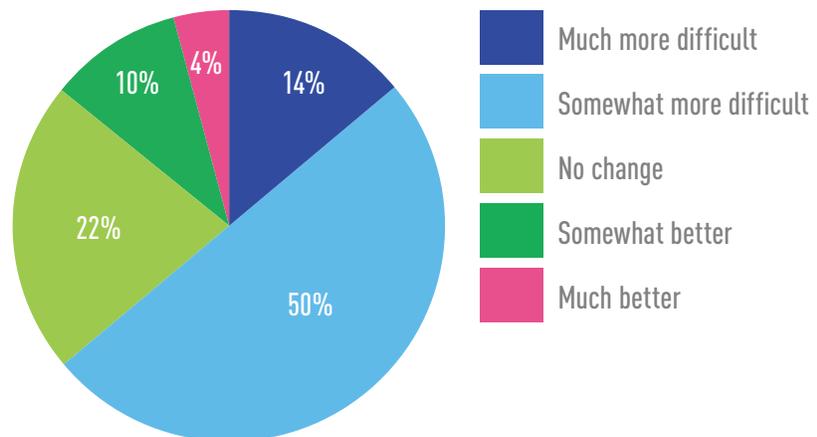
Other

Data loss management; Physical security; Harder to access the systems that must be updated; Inventory is difficult or impossible; Bandwidth to access equipment is shared by hundreds of remote workers

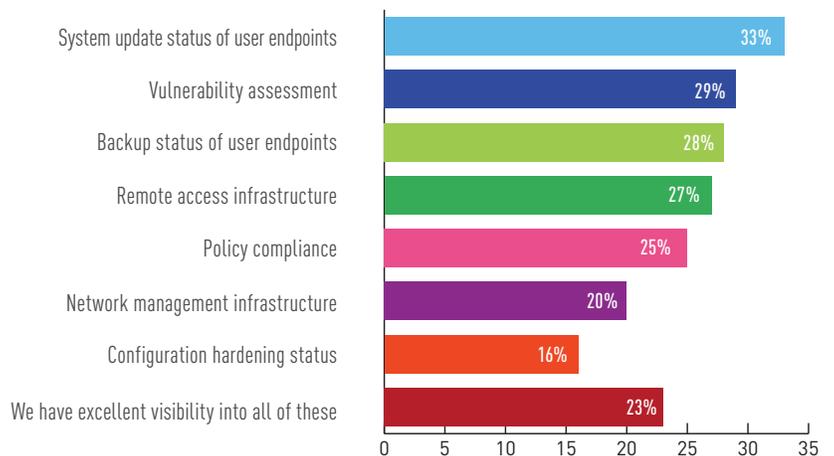


64% report that security visibility is more difficult because of more employees working remotely

Overall, how has security visibility been impacted by increasing numbers of employees working remotely? Choose the one answer that most closely applies.



Into which of these types of data does your security team have the least visibility on remote systems? Choose up to three of the following.

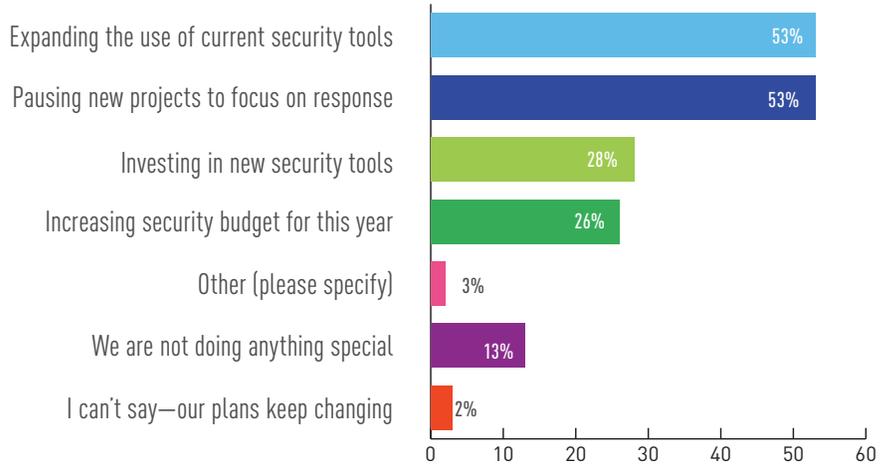


84% are already taking steps to respond to COVID-19

What immediate steps is your security organization taking to respond to COVID-19? Choose all that apply.

Other

Secure VPN oversaturation; Users are accustomed to call the help desk for problems they could solve on their own

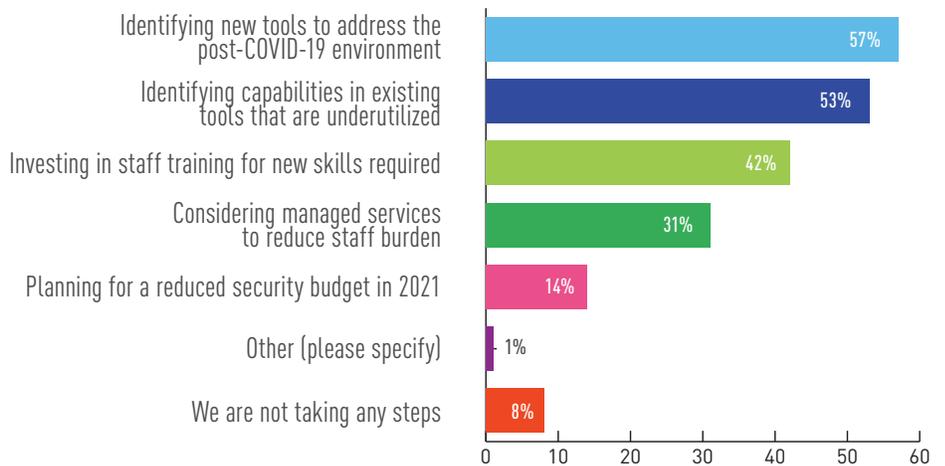


92% are already thinking about the future in a COVID-19 world

What steps is your security organization taking now to better prepare for the future? Choose all that apply.

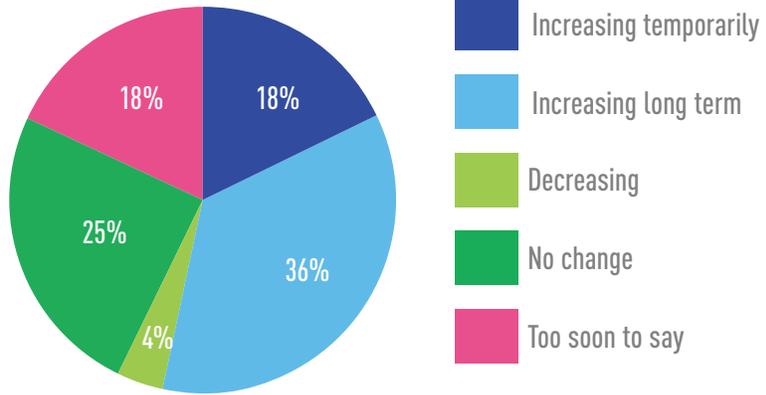
Other

Hardening current systems and implementing new redundant ones; "Deconflict profitability and security"; "Don't have time to think about that at this moment in time"



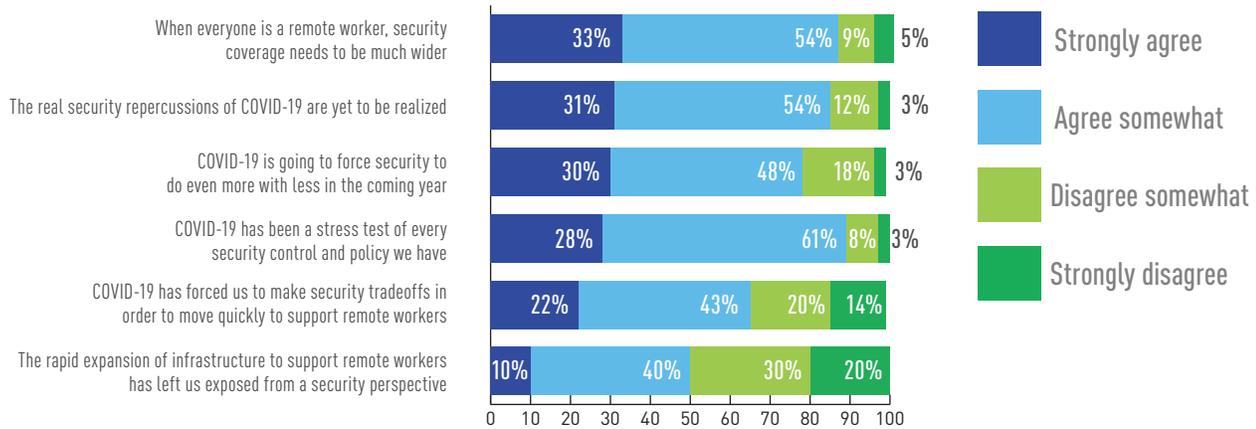
53% are increasing security investments (at least temporarily)

How are security investments at your company changing as a result of COVID-19?



Broad agreement about many of the impacts of COVID-19 on security

Please indicate your level of agreement with each of the following statements.





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