

What are your cyber security challenges?

The accelerated move to remote work, cloud adoption and digital services has created an expanded attack surface for opportunistic cyber criminals, who have increased attacks threefold since 2020. DXC Technology sponsored a Harvard Business Review Analytic Services Pulse Survey to learn how organizations are responding to these challenges and adopting new security approaches and technologies.

Cyber attacks on the rise

358%

increase in attempted malware attacks in 20201 435% increase in

ransomware attacks1

\$1trillion in global losses from

cyber crime last year, up more than 50% from 2018²

Remote work and digitalization fast-tracked due to COVID-19 restrictions

Major trends impacting security programs



transformation efforts accelerated





work from home increased

Confidence in cyber defense programs



Top concerns around remote work

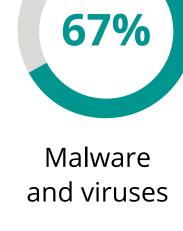
43%

believe they are

well protected

Phishing attacks and other email scams

68%





55%

believe they are only moderately or

slightly protected, or not protected at all

Personal device use for work

56%

52.4% 49.1%

Top concerns around data protection

prevent data theft as a key security concern

Staffing/resource changes

Inability to detect and

and software

Unsecure networks

Increased network complexity

and expansion due to remote

work, IoT and other tech trends

48.5%

44% stated IT security staffing and

resources were not changed as

result of stay-at-home orders

Tightened security for remote work

financial stress

41.3%

staffing/resources despite widespread

saw a slight increase in IT security



49% 29% 13%



Growth of remote work 81%

eased measures and then tightened them

tightened measures and then eased them

data itself.

9% eased measures, and they remain loose

expect to have more ability to work from home in the future

for strengthening

security

Key strategies

As security perimeters become more

old models that focused on securing

a traditional network infrastructure.

We must build security around the

fluid, we can no longer rely on the

for security operations? 58% 48% 31%

AI/ML

Employ automated technologies

analytics can enhance security.

monitoring and event data, and apply

security policies to complex situations.

Automation



Analytics

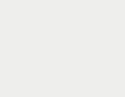
Adopt Zero Trust principles Assume everything around a network is hostile — by default, no one is trusted,

and context.

technology stack

either from inside or outside the network. • Perform continual verification, with access permitted based on policies

Which advanced technologies are "very important"



Identify key interconnections and dependencies. Address vulnerabilities related to third-party access to data.

Build security around data itself

• Traditional systemic security controls

such as hardened corporate network

perimeters, protected VPNs and trusted

corporate devices are insufficient, given

the proliferation of devices and remote

Get a handle on complex IT estates

• Understand where critical assets reside.

access points.

and process as it is implemented, rather than as an afterthought.

Secure all layers of the enterprise

• Protect applications, infrastructure

and endpoints from exploitation.

Build security into every new technology

Conduct a security review, and

Review your current cyber maturity

against recommended practices.

incident response, and minimize

• Develop strategies to optimize

risk and disruption.

improve cyber resilience





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¹ "2020 Cyber Threat Landscape Report," Deep Instinct, Feb. 2021. ² "The Hidden Costs of Cybercrime," McAfee Corp., Dec. 2020.