

2020 Cyberthreat Defense Report

Eighty-one percent of companies were affected by a successful cyberattack in the past 12 months.

Security teams are working to move application and data security to the cloud without compromising their security posture. Here are more insights from CyberEdge Group's survey of 1,200 qualified IT decision makers and practitioners.

KEY TAKEAWAYS:

ATO and DDoS are the biggest network-based headaches. IT security teams continue to worry about account takeover, denial of service (DoS), and web application attacks, as well as SSL-encrypted threats.

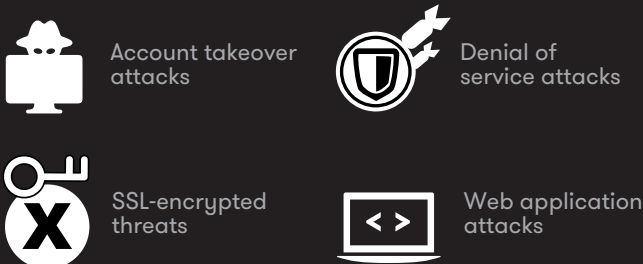
Wide adoption of WAF and DAM. The most widely installed technologies for data and application security are API gateway / protection, database firewall, web application firewall (WAF), and data activity monitoring (DAM).

80% agree on unified monitoring. Eighty percent of respondents agreed that managing the entire app security stack (DDoS protection, WAF, RASP, and API security) from one platform would reduce complexity and save time.

Reducing cloud security risk is an IT priority. The top risks for applications and data in the cloud are loss of data and IP, limitations of the security tools of the cloud platform providers, compliance violations, and a lack of visibility into the cloud.

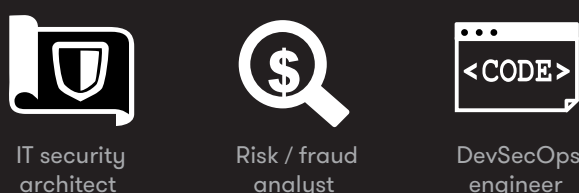
NETWORK-BASED CYBERTHREATS

Some of the network-based cyberthreats causing IT security teams the greatest headaches.



IT SECURITY SKILLS SHORTAGE

Organizations are facing a severe shortage of skilled staff in roles such as:



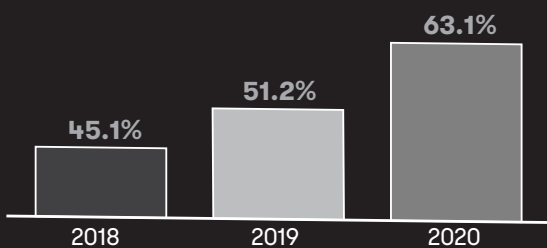
APP & DATA SECURITY FOUNDATIONS

The most commonly used technologies for protecting applications and data:



API PROTECTION NOW A "MUST HAVE"

The percentage of organizations with API gateway / protection installed has soared.



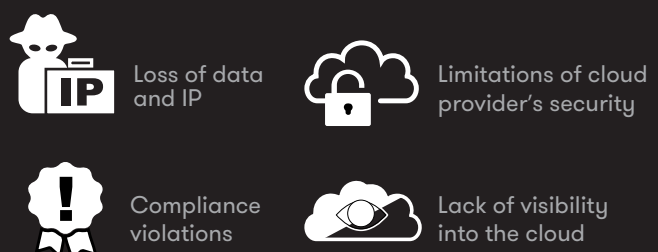
SECURITY'S BIGGEST OBSTACLES

These obstacles inhibit IT from defending cyberthreats.



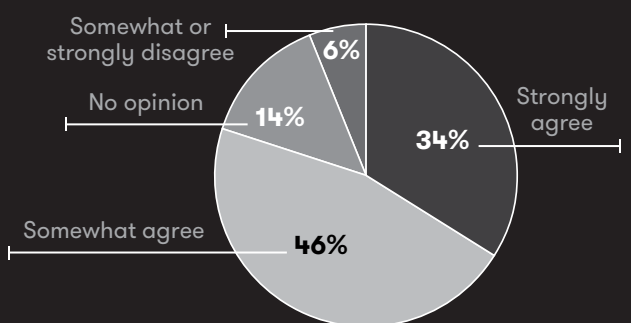
CLOUD SECURITY RISKS

The top challenges to protecting cloud-based applications.



MONITORING THE APP SECURITY STACK

80 percent agreed that managing the entire app security stack (DDoS protection, WAF, RASP, API security) from one platform would reduce complexity and save time.



SECURITY ANALYTICS USE CASES

Advanced security analytics is providing value in many areas.



Download the full report at: www.imperva.com/cdr2020

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