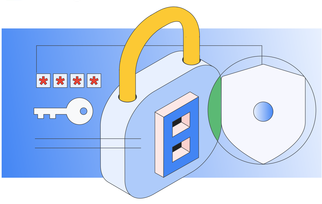
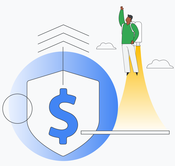
Google Cloud

Cybersecurity Action Team
gcat.google.com



8 Security Megatrends IT Leaders Should Pay Attention to in 2022

These aren't just transient issues to be ignored once 2023 rolls around—they guide the development of cloud security and technology, and will continue to do so for the foreseeable future.



1 Economy of scale

Decreasing the marginal cost of security raises the baseline level of security.

2 Shared fate

A flywheel of increasing trust drives more transition to the cloud, which compels even higher security and even more skin-in-the-game from the cloud provider.

3 Healthy competition

The race by deep-pocketed cloud providers to create and implement leading security technologies is the tip of the spear of innovation.

4 Cloud as the digital immune system

Every security update the cloud gives the customer is informed by some threat, vulnerability, or new attack technique often identified by someone else's experience. Enterprise IT leaders use this accelerating feedback loop to get better protection.

5 Software-defined infrastructure

Cloud is software defined, so it can be dynamically configured without customers having to manage hardware placement or cope with administrative toil. From a security standpoint, that means specifying security policies as code, and continuously monitoring their effectiveness.

6 Increasing deployment velocity

Because of cloud's vast scale, providers have had to automate software deployments and updates, usually with automated continuous integration/continuous deployment (CI/CD) systems. That same automation delivers security enhancements, resulting in more frequent security updates.

7 Simplicity

Cloud becomes an abstraction-generating machine for identifying, creating and deploying simpler default modes of operating securely and autonomically.

8 Sovereignty meets sustainability

The cloud's global scale and ability to operate in localized and distributed ways creates three pillars of sovereignty. This global scale can also be leveraged to improve energy efficiency.

Bottom line: Cloud computing megatrends will propel security forward faster, for less cost and less effort than any other security initiative.

Learn how Google Cloud can help keep your organization secure and compliant

Get Started