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The Megatrends Driving Cloud Adoption – and Improving Security – for All

#RSAC

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8 Megatrends Driving Cloud Adoption

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.

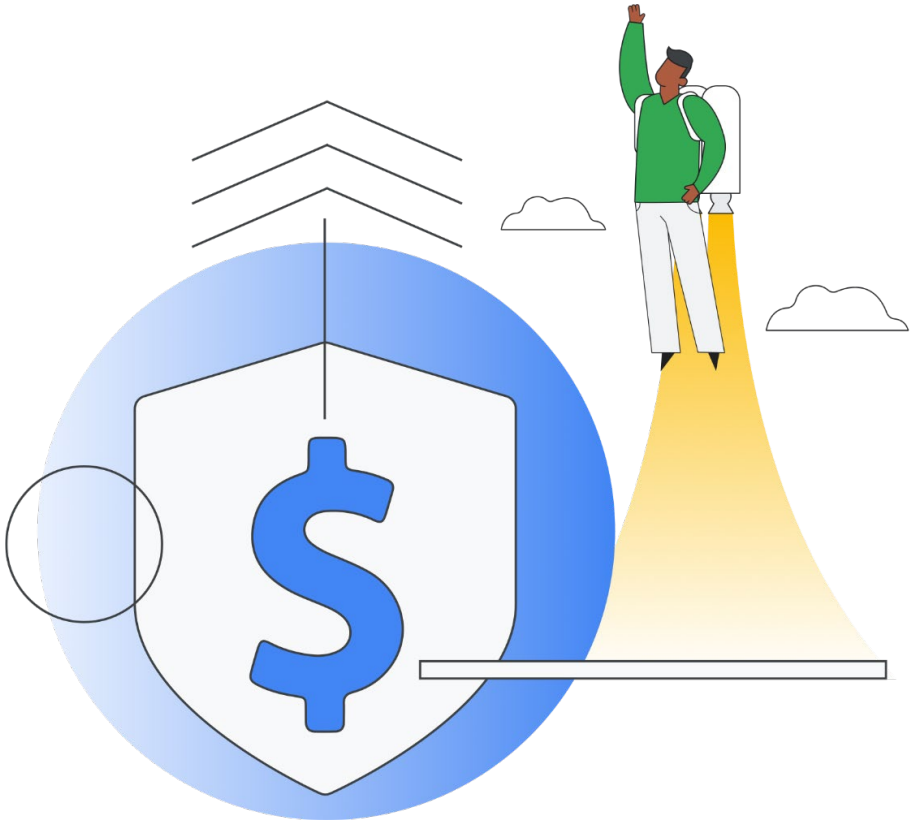
7 Simplicity

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.

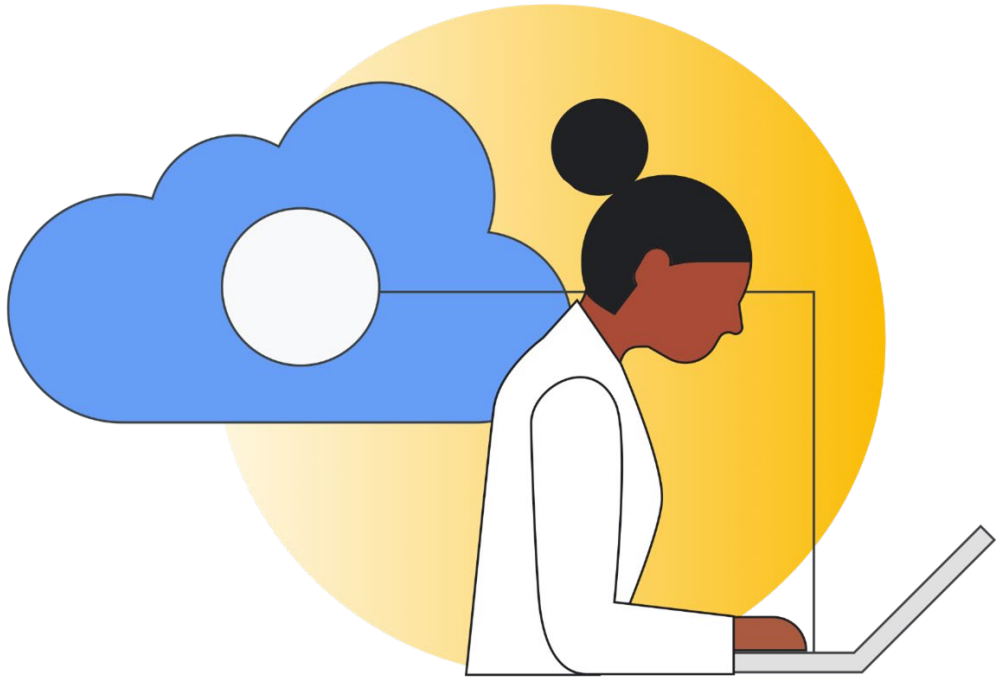
#1: Economy of Scale



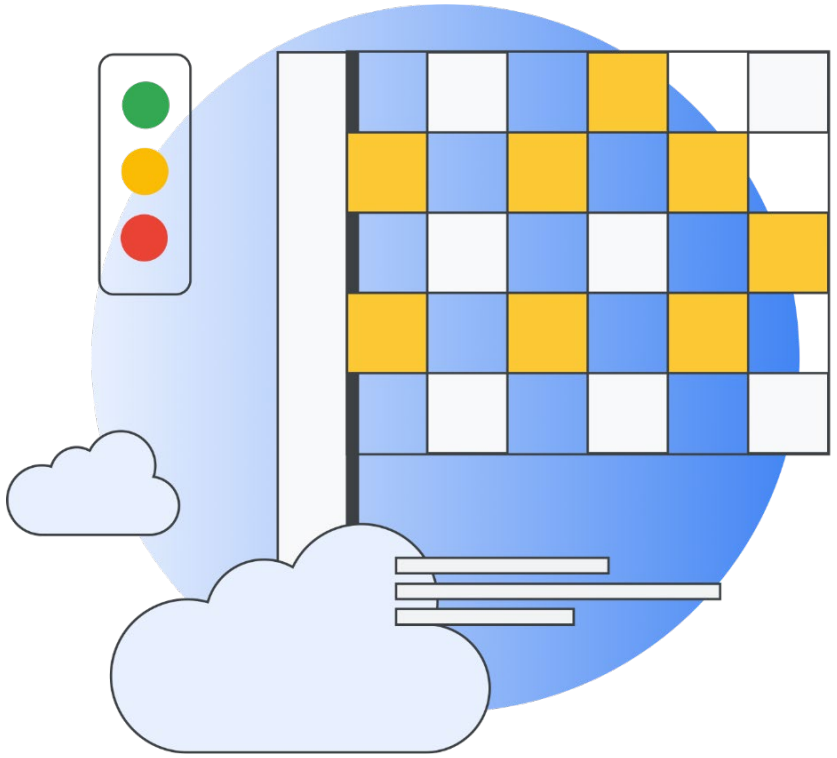
Decreasing the marginal cost of security raises the baseline level of security.

#2: Shared Fate

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



#3: Healthy Competition

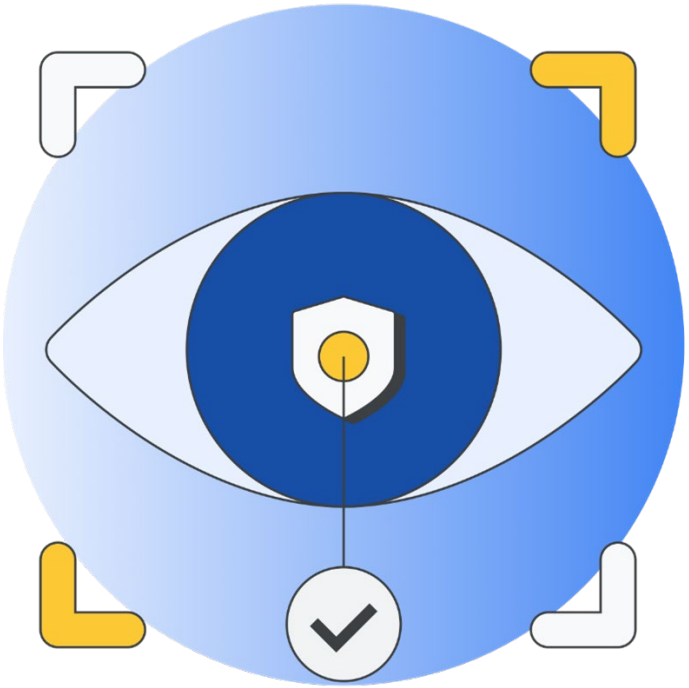


The race by deep-pocketed cloud providers to create and implement leading security technologies is the tip of the spear of innovation.

#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. Enterprise IT leaders use this accelerating feedback loop to get better protection.

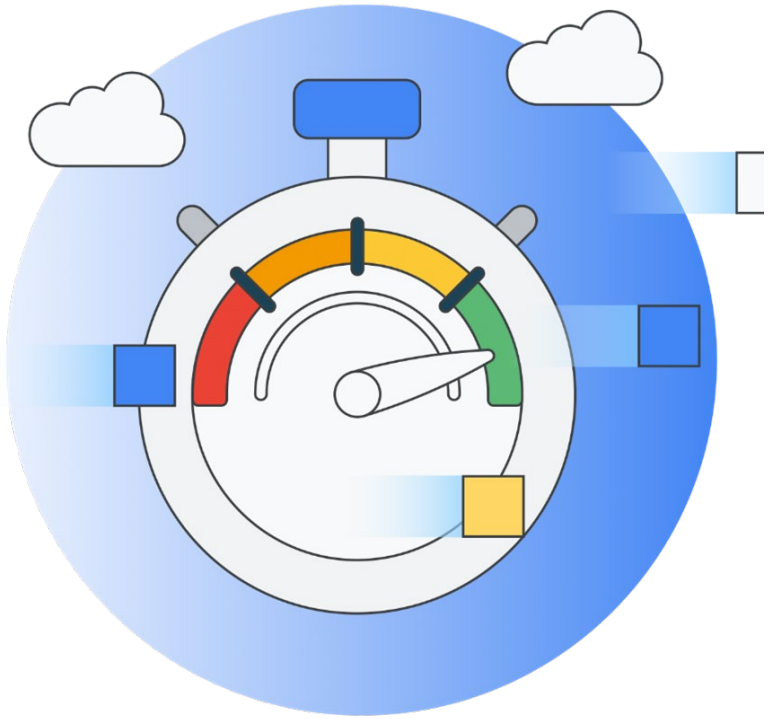
#5: Software-Defined Infrastructure



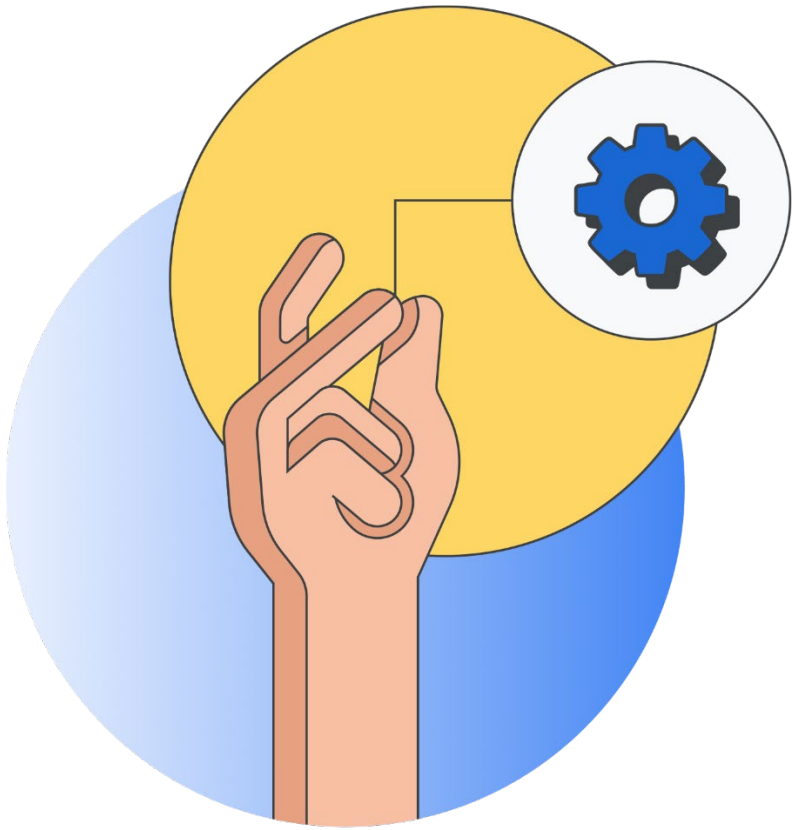
Cloud is software-defined, so it can be dynamically configured without customers having to manage hardware placement or cope with administrative toil.

#6: Increasing Deployment Velocity

Cloud-enabled automation delivers security enhancements, resulting in more frequent security updates.



#7: Simplicity



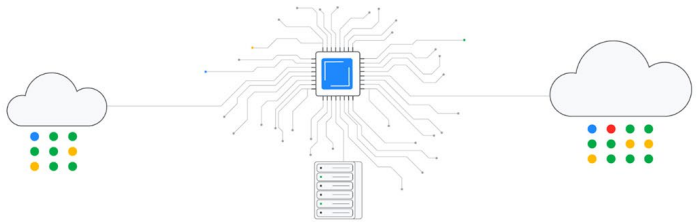
Cloud becomes an abstraction-generating machine for identifying, creating, and deploying simpler default modes for operating securely and autonomically.

#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 greater energy efficiency.

Megatrends in Practice

Economy of Scale: IPUs, C3 VM and Hyperdisk



Healthy Competition: Industry Partnerships & Collaboration

H-ISAC™ HEALTH - ISAC

FS-ISAC

Shared Fate: Risk Protection Program

Cloud as the Digital Immune System: Chronicle Security Operations

Chronicle

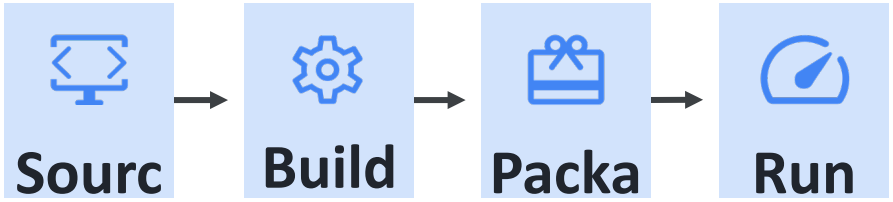
Megatrends in Practice Cont.

Software-Defined Infrastructure: Foreseeti Integration in Security Command Center

foreseeti

Simplicity: Vertex AI

Increasing Deployment Velocity: Software Delivery Shield



Sovereignty Meets Sustainability: Client-Side Encryption

Apply What You've Learned

- Next week you should:
  - Consider if your risk management strategy depends on any of these megatrends not being true – and re-evaluate accordingly.
- In the first three months following this presentation you should:
  - Take stock of your assets.
  - Initiate discussions about what a digital transformation may look like.
  - Think about what make sense to move to the cloud.