

The Numbers Behind CASB-Enhanced Cloud Security

THE CLOUD IS ON THE RISE

The average enterprise:



Delivers **48 percent** of IT services in the cloud¹



Runs **41 percent** of its workloads in a public cloud²



Hosts **38 percent** of workloads in a private cloud³

CLOUD SECURITY THREATS ARE GROWING

The cloud offers many benefits, but also introduces security risks:



By 2018, the 60 of enterprises that implement appropriate cloud visibility and control tools will experience **one-third** fewer security failures⁴



25% of breaches come from internal actors⁵



Through 2020, **80%** of cloud breaches will be due to customer misconfiguration, mismanaged credentials or insider theft, not cloud provider vulnerabilities⁶

1 in 3 

organizations say external sharing of sensitive information is the biggest security threat⁷



Only **38%** of businesses said their cloud providers will notify them of security breaches⁸

KNOW YOUR CLOUD RESPONSIBILITIES

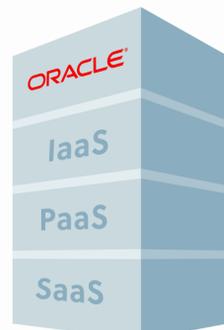
Many organizations think cloud providers will secure their cloud data. But they won't always.

With a shared-responsibility model:

PaaS providers may also secure the operating system

IaaS providers may secure only their infrastructure

SaaS providers may also secure their applications



But the customer must ultimately verify with the CSP who is responsible for the data and configurations.

ONE SECURITY SOLUTION FOR MANY CLOUD THREATS

A Cloud Access Security Broker (CASB) can offer IT and security teams:



Advanced threat analytics



Configuration seeding, monitoring, and alerts



Shadow IT discovery



Integration with existing security solutions

REAPING THE REWARDS OF A CASB

Organizations using a leading CASB can:



Secure the entire cloud stack, from applications to infrastructure



Identify risky users and the use of compromised credentials



Auto-respond automated remediation



Eliminate configuration drift with custom alerts

FIND OUT MORE



To learn more about how an industry-leading CASB can help you overcome the nine biggest cloud security threats, take a look at our [iPaper](#)

Join our communities 

¹ PwC, "Toward New Possibilities in Threat Management," survey findings, pwc.ru/ru/assets/gssis-report-cybersecurity-privacy-possibilities.pdf.
² Kim Weins, "Cloud Computing Trends: 2017 State of the Cloud Survey," RightScale blog, February 15, 2017, rightscale.com/blog/cloud-industry-insights/cloud-computing-trends-2017-state-cloud-survey.
³ Ibid.
⁴ Gartner "Top 7 Security Predictions for 2017" <https://www.gartner.com/smarterwithgartner/7-top-security-predictions-for-2017/>
⁵ Verizon, "2017 Data Breach Investigations Report," verizonenterprise.com/verizon-insights-lab/dbir/2017/.
⁶ Gartner "Top Technologies for 2017" <https://www.gartner.com/newsroom/id/3744917>
⁷ Immunio, "Cloud Security 2016 Spotlight Report," immun.io/2016-cloud-security-report.
⁸ Oracle, "Better Security with Oracle Cloud," oracle.com/us/oracle-cloud-essentials-3803237.pdf.