Cloud Security

AN IDC CONTINUOUS INTELLIGENCE SERVICE

IDC's *Cloud Security* analyzes security solutions for customers moving datacenter and other applications to the cloud. While security was often cited as the leading obstacle to cloud implementations, increasingly, some customers see cloud as more secure, cost effective, and customer responsive than in-house capabilities. Consistent with this trend, enterprises are moving quickly to use a mix of private, hybrid, and public cloud–based datacenters to address digital transformation needs. Customers want security solutions that extend across all cloud and datacenter types, providing a foundation for private and public clouds with a common basis in consolidated policy, monitoring, and control of resources. This report series analyzes these customers' issues and highlights solutions.

Markets and Subjects Analyzed

- Public, hybrid, and multicloud security
- Container security
- Cloud security management

- Workload security
- Infrastructure-as-a-service (IaaS) security

Core Research

- Security in the Cloud Taxonomy and Definitions
- Security in the Cloud Forecast and Analysis
- Security in the Cloud Survey
- Security in the Cloud Vendor Profile

In addition to the insight provided in this service, IDC may conduct research on specific topics or emerging market segments via research offerings that require additional IDC funding and client investment. To learn more about the analysts and published research, please visit: Cloud Security.

Key Questions Answered

1. How do customers choose a cloud provider?
2. How do customers decide between public, private, and hybrid clouds?
3. Can specific security functionality accelerate customer movement to the cloud?
4. How do CIOs reconcile the tension between risk, cost, and user experience when adopting cloud?
5. How are customers monitoring and securing workloads?

Companies Analyzed

This service reviews the strategies, market positioning, and future direction of several providers in the cloud security market, including:

AWS, Cisco, Google, IBM, McAfee, Microsoft, Oracle, Palo Alto, Proofpoint, Symantec, and Trend Micro.