

# 6 ESSENTIALS

## for Effective Cloud Security

### THE COST OF POOR CLOUD SECURITY

**19%**

Breaches due to cloud misconfiguration

**\$3.86M**

The average total cost of a data breach

**14%**

Migrating to the cloud increases the average total cost of a data breach by 14% (For an adjusted total of \$4.13 million)

Source: Cost of a Data Breach Report 2020  
<https://www.ibm.com/security/digital-assets/cost-data-breach-report/#/>

### CLOUD SECURITY IS CHALLENGING

#### DATA LOSS

Data in the cloud can be deleted by accident or through a malicious attack.



#### CLOUD MISCONFIGURATIONS

Misconfigurations can accidentally leave data exposed to the internet.



#### DATA PRIVACY

Cloud data needs to remain private wherever it is collected and stored.



#### ACCOUNT HIJACKING

Cyber attackers steal a user's account credentials to gain access.



#### LACK OF VISIBILITY

Legacy security systems were not built for the cloud.



#### INSIDER THREATS

Employees may, maliciously or accidentally, leak data.



### 6 CLOUD SECURITY MONITORING REQUIREMENTS

**1**

**Data Access Management**

The ability to monitor privileged users is key to detect advanced attacks such as account hijacking.

**2**

**Data Encryption**

Secure your data whether 'at-rest' or 'in-transit'.

**3**

**Cloud SIEM**

For high performance and unlimited scalability, look for a cloud-based SIEM solution.

**4**

**Analytics Based Threat Detection**

The ability to monitor privileged users is key to detect advanced attacks such as account hijacking.

**5**

**Enterprise Integration**

Integration across cloud, hybrid, and on-premises solutions allows faster detection and response to threats.

**6**

**Threat Hunting**

Security analysts should be able to hunt for specific threats across historical data easily.

### SECURONIX NEXT-GEN SIEM FOR CLOUD SECURITY MONITORING



#### Data Encryption

The ability to bring your own keys (BYOK) or use an AWS Key Management System keeps data encrypted while at rest and in transit.



#### Data Access Management

Create risk profiles for users which can then be used to make dynamic, informed access decisions.



#### Threat Detection

Patented machine learning algorithms detect advanced and insider threats more accurately, reducing false positives.



#### Cloud-Native SIEM Solution

Built in the cloud for the cloud. Robust integrations with major cloud applications and infrastructure.



#### Threat Hunting

Hunt across real-time and historical data to find active or hidden threats.



#### Wider Integration With Your Environment

Complete visibility across cloud and on-premises systems.

LEARN MORE



Securonix Next-Gen SIEM

Securing the Cloud: Protecting Your Enterprise From an Expanding Threat Surface

Securonix Cloud Security Monitoring