SKYBOX SECURITY

Secure cloud adoption and migration

Safely migrate applications and workloads to the cloud and optimize cybersecurity

Challenges

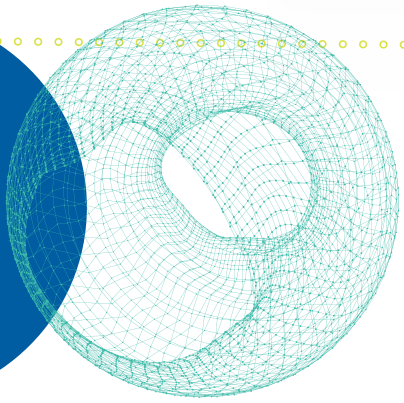
The pace of technological innovation combined with highly connected and borderless business environments continues driving an acceleration of digital transformation. Client preferences for digital interactions and the shift to remote work have led many organizations to increase their cloud footprint. In many cases, cloud adoption was swift as a result of the pandemic in 2020 and designed to be temporary, resulting in misconfiguration and unauthorized access risks. A recent survey discovered that two-thirds of cybersecurity professionals believe cloud misconfigurations pose the greatest cyber risk.

Their concern is justified. In 2020, 73% of cyber incidents involved external cloud assets[1]. Rapid cloud expansion has exacerbated the shortage of workers with cybersecurity and cloud expertise, making it even more challenging to keep on top of vulnerabilities and ensure compliance.

Security risk factors for cloud expansion

- **Multiple cloud environments configured differently**
  - + Public clouds (AWS, Azure, GCP)
  - + Hybrid clouds
- **Rate of expansion**
  - + Applications
  - + Workloads
- **Remote users and third-party access**
  - + Use of traditional connectivity and VPNs for securing remote and branch offices
  - + Increasing usage of unsanctioned SaaS applications

73%
of cybersecurity incidents in 2020 involved external cloud assets[2]



67%
of cybersecurity professionals believe cloud misconfigurations pose the greatest risk[3]

[1, 2] Data breach investigations report, Verizon, 2021
[3] Cloud security report, Fortinet, 2021

What's needed

To safely migrate applications and workloads into the cloud and maintain a strong and consistent security posture, you need complete visibility into all your digital environments including multi-cloud and software defined networks. With a security posture management platform, you can gain complete visibility of your enterprise, cloud, and OT environments together. Your network and security teams can extend audit and security policy management processes to multi-cloud deployments and proactively manage threat exposure during cloud migrations. Automation reduces the complexity and costs inherent in change management processes.

Outcomes

+ Reduce the risk of breaches by shrinking your cloud attack surface and improving cyber mitigation strategies
+ Maintain compliance as you migrate applications and data into the cloud
+ Enable business agility with secure cloud networking
+ Gain operational efficiencies with a unified view across on-premises and multi-cloud networks

Contact an expert

Schedule a demo ···>

Why Skybox?

Achieve a holistic view across your attack surface

+ Collect data from a breadth of cloud domains as well as on-premises environments
+ Build a map of your network topology and associated assets across all environments
+ Centrally manage your security controls and assess your risk exposure
+ Use a network network model that emulates your unique multi-domain network to test configuration changes, and to assess and remediate vulnerabilities

Strengthen cybersecurity controls

+ Optimize and harmonize security rules across cloud environments and the organization
+ Automatically assess risks before configuration changes go live
+ Detect network device vulnerabilities
+ Centrally manage access to cloud environments and ensure compliance

Manage vulnerabilities and security posture pre-emptively

+ Discover vulnerabilities quickly with aggregated data from multiple sources
+ Prioritize and score risks effectively based on exposure analysis across your unique cloud environments
+ Apply prescriptive remediations that reduce the most risk

ABOUT SKYBOX SECURITY

Over 500 of the largest and most security-conscious enterprises in the world rely on Skybox for the insights and assurance required to stay ahead of their dynamically changing attack surface. Our Security Posture Management Platform delivers complete visibility, analytics, and automation to quickly map, prioritize, and remediate vulnerabilities across your organization.