TRUE**FORT**®

TrueFort® Platform: Migrating to the Cloud

Smoothing the journey to cloud adoption and protection with the TrueFort Platform

Navigating cloud migration presents unique security challenges that traditional monitoring tools often overlook. TrueFort Platform offers a comprehensive solution, effectively securing cloud workloads by proactively detecting and blocking anomalous activities both on-premises and in the cloud.

Streamlining Cloud Transition with TrueFort Platform

As organizations transition to the cloud, TrueFort Platform provides painless and practical solutions to tackle any organization's security challenges.

By automatically mapping normal application activity and detecting anomalous behavior, it ensures the protection of cloud workloads, and its unique ability to enforce workload segmentation and establish trusted workload profiles helps guard against threats such as lateral movement and data breaches.

TrueFort Platform's automated segmentation policies and principles of least privilege access make any journey to the cloud safer and more secure - keeping it that way for the future.

Critical Visibility into the Cloud

Clear visibility plays a crucial part in cloud migration due to its impact on security, compliance, and operational efficiency.

TrueFort Platform provides insight into the entire migration process, enabling organizations to monitor workload performance, detect anomalies, and promptly respond to potential issues.

TrueFort ensures the integrity of data as it moves to the cloud, identifies potential security risks, and aids in maintaining regulatory compliance. Additionally, it facilitates resource allocation optimization, leading to cost-effective and efficient operations.

Clear visibility, in cloud migration, allows organizations to conduct a successful and secure transition into the cloud environment.

▶ **45%** of breaches are cloud-based.
(IBM, 2022)

▶ **27%** of organizations have experienced a public cloud security incident - up **10%** from the previous year.
(ISC2, 2022)

▶ **80%** of organizations have experienced at least one serious cloud security incident in the past year, including data breaches, data leaks, and intrusions.
(Synk, 2022)

▶ **37%** of organisations that paid off a ransomware attack still did not recover their encrypted data.
(Sophos)

Protecting Cloud Workloads and Enhancing Security

TrueFort Platform stands apart with its ability to enforce workload segmentation, protecting organizations against lateral movement, ransomware, and software supply chain attacks. By delivering clear and actionable insights to the Security Operations Center (SOC), TrueFort enables security teams to:

- ▶ Discover and map their entire environment
- ▶ Harden systems using CIS benchmarks
- ▶ Utilize approved baselines to prevent unnecessary actions
- ▶ Prevent lateral movement
- ▶ Benefit from microsegmentation and zero-trust principles
- ▶ React quickly
- ▶ Automatically block unauthorized connections between applications

Trusted Workload Profiles: A Positive Security Model

TrueFort's trusted workload profiles introduce an innovative approach to cybersecurity and are integral to the cloud migration process, providing a blueprint for the secure and efficient transfer of workloads and allowing for real-time monitoring and anomaly detection during the migration. Additionally, by continuously monitoring for drift in workload behavior, TrueFort keeps an eye out for activities that stray from the expected norm. It sends alerts or blocks these activities, helping organizations maintain a secure cloud environment.

Also, during migration, trusted workload profiles allow for:

- ▶ **Performance Optimization:** By understanding the behavior and resource utilization of each workload in detail, organizations can optimize resource allocation in the cloud environment. This leads to cost savings and performance improvements.

- ▶ **Compliance Enforcement:** Trusted Workload Profiles ensure workloads adhere to compliance requirements during the migration process, reducing the risk of non-compliance penalties.

- ▶ **Improved Threat Detection:** By establishing a baseline of normal behavior, Trusted Workload Profiles help reduce false positives, allowing security teams to focus on genuine threats.

- ▶ **Facilitates Microsegmentation:** These profiles lay the groundwork for the implementation of microsegmentation strategies in the cloud, enhancing security by isolating workloads from each other.

- ▶ **Enables Zero Trust Security:** Trusted Workload Profiles provide the foundation for a zero trust security model in the cloud, where trust is continuously verified, not assumed, improving overall cybersecurity.
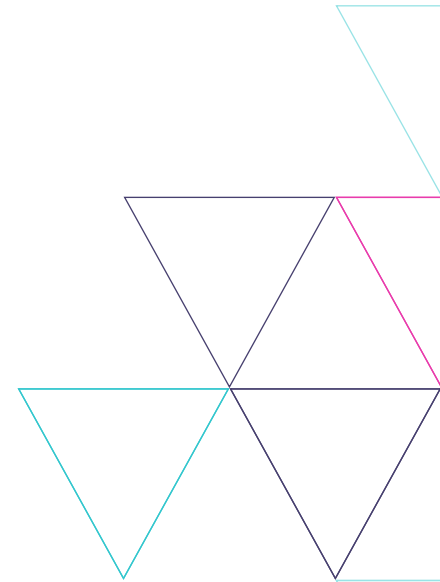
Automated Segmentation Policies: Proactive Protection

TrueFort Platform's automated segmentation policies give organizations an edge by allowing them to understand, manage, and control trust around workloads. These policies provide proactive protection against unknown risks that could potentially threaten sensitive data. These policies allow organizations to identify and respond to security threats swiftly and effectively by visualizing application behavior and relationships in real-time.

Securing Containers with TrueFort's Kubernetes Security Solution

Securing containers and their orchestration platforms can be a daunting task with legacy products, as many solutions lack the necessary breadth for long-term success. However, TrueFort's Kubernetes security solution offers an effective countermeasure.

By baselining container runtime behavior, it detects anomalies and enables real-time responses, thereby providing comprehensive protection against potential compromises.

Transitioning to the cloud brings immense benefits but presents new security challenges. With TrueFort, organizations can navigate this journey safely and effectively. Offering a solution that protects workloads and empowers organizations with visibility, control, and proactive security, TrueFort stands as a formidable ally in the cloud security landscape.

TrueFort is your partner in cloud security. Discover how TrueFort can help your organization confidently transition to the cloud and maintain a secure environment.

Take the first step towards a safer cloud journey with TrueFort Platform, today.

"This is a real eye-opener. Your product capabilities are massively understated."

CISO, FinServe

ABOUT TRUEFORT

TrueFort puts you in control of lateral movement across the data center and cloud. The TrueFort Cloud extends protection beyond network activity by shutting down the abuse of service accounts. Founded by former IT executives from Bank of America and Goldman Sachs, leading global enterprises trust TrueFort to deliver unmatched application environment discovery and microsegmentation for accounts and activity.

For more information, visit truefort.com and follow us on Twitter and LinkedIn.

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