TRUEFORT®

TrueFort® Platform: Controlling Lateral Movement

Cybersecurity threats are rapidly evolving, and businesses need a more advanced approach to safeguard their sensitive data and systems. Existing security tools often lack a comprehensive understanding of typical application interactions and service account behavior, causing a significant challenge in setting effective policies. However, with the TrueFort® Platform, controlling lateral movement has become a whole lot easier.

Unseen Gap in Production Environment Security

Enterprise applications are a crucial aspect of any business operation. Yet, traditional security tools tend to lack visibility here, rendering their environments a potential hotbed for devastating cyberattacks.

TrueFort® has the solution, by enhancing the security posture of production applications and through granular segmentation, thereby preventing unauthorized lateral movement.

▶ **Lack of understanding:** Traditional security tools struggle to understand day-to-day lateral movement, such as application interactions and service account behavior, rendering it risky to block activity.

By baselining all automated activity, TrueFort® Platform instills the confidence to enforce the policies necessary for defending against lateral movement

"Sure, they might get in. But if they do we know they're going nowhere."

Data Sec. Eng, Major Eng. Org.

▶ **55%** of CISOs experienced a lateral movement attack in 2022, and **68%** believe that lateral movement attacks will become more frequent in 2023 (Ponemon).

Comprehensive Lateral Movement Control

Harnessing the Power of Microsegmentation

Microsegmentation isolates workloads from one another at a granular level, thereby reducing the potential attack surface. TrueFort® Platform prevents unauthorized lateral movement within your local network, hybrid, or cloud environment.

▶ **Host firewall enforcement:** TrueFort® applies microsegmentation to enforce host firewall rules that govern traffic between different segments of your network.

▶ **Limiting attack surface:** By isolating applications and workloads, TrueFort® drastically reduces the attack surface, limiting the extent of potential damage from a breach.

Safeguarding through Service Account Protection

Service accounts, while necessary for various automated processes, can be a weak point in your security posture. TrueFort® Platform bolsters service account security, providing another layer of lateral movement protection.

▶ **Behavior mapping:** TrueFort® uses machine learning to map normal service account behavior, helping to detect anomalies that may indicate compromise.

▶ **Shutting down compromised accounts:** If a service account is found to be compromised, TrueFort® can quickly shut it down, preventing further lateral movement.

Enhancing Security with System Hardening

System hardening is an essential aspect of any robust cybersecurity strategy. By identifying and mitigating vulnerabilities, TrueFort® Platform strengthens your security posture against lateral movement.

▶ **Disabling unnecessary services:** TrueFort® identifies and disable services and protocols that aren't necessary for business functions, reducing the number of potential entry points for an attacker.

Ensuring File Integrity for Complete Protection

File Integrity Monitoring (FIM) is a vital part of preventing unauthorized changes and accesses, both of which could lead to a breach. TrueFort® Platform incorporates FIM into its platform to provide end-to-end lateral movement protection.

▶ **Detecting unauthorized changes:** TrueFort® FIM can promptly identify and alert you to any unauthorized changes to your files, preventing potential breaches before they occur.

▶ **Tracking access:** TrueFort® FIM keeps a detailed log of who accesses your files and when, providing critical data for post-breach investigations.

By integrating microsegmentation, service account protection, system hardening, and FIM into one comprehensive platform, TrueFort® Platform delivers a comprehensive lateral movement protection solution. It enables organizations to have a granular understanding of their network, identify and stop potential threats in their tracks, and maintain the integrity of their systems and files, ensuring a secure and robust digital environment.

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.

▦ **TRUEFORT**®

3 West 18th Street
Weehawken, NJ, 07086
United States of America

+1 201 766 2023
sales@truefort.com

TRUEFORT.COM