

Endpoint Privilege Management

WALLIX BestSafe

Secure Endpoints and Plan Your Least Privilege Strategy

Privilege escalation is at the heart of most cyber-attacks and system vulnerabilities. And yet, such security breaches can easily be avoided by implementing the Principle of Least Privilege. **WALLIX BestSafe** offers an innovative, application-level security solution to allow organizations to completely eliminate administrator accounts, significantly reducing security breaches without affecting productivity and in compliance with regulatory guidelines.

Features & Capabilities

Fine-Grained Least Privilege:

- Elevate privileges for standard users on Unix and Linux through fine-grained, policy-based controls.

Principle of Least Privilege:

- The most desirable approach, previously unobtainable, is finally easily achievable
- No need to use accounts with elevated permissions: Create a zero-administrator policy
- No administrators means unparalleled security on all endpoints

Anti-Ransomware:

- Detect in real time when a process intends to perform an encryption operation before it is carried out
- The process is stopped and BestSafe executes the actions established in the corresponding rule
- In addition, BestSafe offers the possibility of storing every encryption key in order to decrypt later

Local Account

Password Rotation:

- In organizations with many computers, passwords for local accounts are often the same
- BestSafe rotates this password, guaranteeing that it is unique per computer, account, and day
- Compromised passwords are only valid on that computer and only during that day, and only for that account
- Any attempt to change the password will be reported and alerted
- In addition, predict future passwords without the need to connect to the network

Centralized Management:

- Fully integrated into Microsoft Active Directory, WALLIX BestSafe takes advantage highly centralized management, high availability, and fault tolerance.
- The use of Active Directory means BestSafe does not require additional infrastructure (DB servers, web servers, etc.)
- The light agent will download the corresponding configuration, stored in local cache and applied even without connectivity to the network

Technical Characteristics

- > **Application management:**
 - White, gray, blacklisting
 - Ransomware detection and prevention
- > **Local user management:**
 - Rule-based group membership
 - Local password rotation
- > **Supported operating systems:**
 - Windows XP and Server 2003
 - Windows Vista and above
 - Linux (Debian, RedHat, Suse)
- > **Management:**
 - Active Directory integration
 - MMC snap-in
- > **Monitoring:**
 - Event-based
 - SIEM integration

BestSafe uses WALLIX's exclusive patented technology to assign the necessary security context to each process or application, regardless of the user credentials with which it is executed. With BestSafe, privileges are granted to applications instead of users, unlike traditional tools on the market.

Benefits



The fastest return on investment

Implementing a full WALLIX BestSafe environment can be done in mere hours thanks to its seamless integration with Active Directory.



100% scalable at zero cost

Seamless integration with Active Directory together with a client-server approach (instead of the more common server-client) allows BestSafe to be as scalable as the organization itself.



Security from Day 1

Experts agree that the first step in following security best practices is the removal of administrator privileges, along with the oversight of corporate applications, preventing the execution of unauthorized processes.



Invisible to end users

BestSafe's efficacy comes from making the operating system itself the guarantor of security against intrusions, by reducing privileges at the application level. BestSafe is not an antivirus that needs to inspect each and every file.

About WALLIX

WALLIX protects identities and access to IT infrastructure, applications, and data. Specializing in Privileged Access Management, WALLIX solutions ensure compliance with the latest IT security standards and protect against cyberattacks, theft and data leaks linked to stolen credentials and elevated privileges to sensitive company assets.

www.wallix.com