Privileged Access Management
PEDM

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Enhance WALLIX PAM with 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 PEDM 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

Fine-Grained Least Privilege

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

Centralized Management

• Fully integrated into Microsoft Active Directory, WALLIX PEDM takes advantage of 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.

Principle of Least Privilege

• The most desirable approach, previously unobtainable, is finally easily achievable.
• No need to use privileged accounts create a zero-administrator policy

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 WALLIX PEDM executes the actions established in the corresponding rule
• In addition, WALLIX PEDM offers the possibility of storing every encryption key in order to decrypt laters

Technical Characteristics

> **Application management**

• White, gray, blacklisting
• Ransomware detection and prevention
• Rule-based group membership

> **Supported operating systems**

• Windows Vista and above
• Linux

> **Management**

• Active Directory integration
• MMC snap-in

> **Monitoring**

• Event-based
• SIEM integration

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How it Works

WALLIX PEDM uses 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 WALLIX PEDM, privileges are granted to applications instead of users, unlike traditional tools on the market.

Benefits

THE FASTEST RETURN ON INVESTMENT

Implementing a full WALLIX PEDM environment can be done in just a few hours 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 WALLIX PEDM 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 unauthorizes processes.

INVISIBLE TO END USERS

WALLIX PEDM efficacy comes from making the operating system itself the guarantor of security against intrusions, by reducing privileges at the application level. WALLIX PEDM 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 cyber-attacks, theft and data leaks linked to stolen credentials and elevated privileges.

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