

Secure Your 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 PAM4ALL** offers an innovative, application-level security solution that enables organizations to completely eliminate administrator accounts, significantly reducing security incidents without impacting productivity and in compliance with regulatory guidelines.

Features & Capabilities

The Principle of Least Privilege:

- The most desired approach, usually difficult to implement, is now possible.
- No need to use accounts with elevated permissions. Create a policy without administrators.
- No local administrators means unprecedented security on all endpoints.

Anti-Ransomware:

- WALLIX PAM4ALL detects in real time when a process intends to perform an encryption operation before it is carried out.
- The process is stopped and PAM4ALL executes the actions set in the corresponding rule.
- In addition, WALLIX PAM4ALL offers the possibility of storing every encryption key for later decryption.

Local Account Password Rotation:

- Organizations with many computers often have the same passwords for local accounts. PAM4ALL rotates these passwords, ensuring that there is one password per computer, account and day.
- Compromised passwords will only be valid on that computer, for that day, and only for that account.
- Any attempt to change the password will be reported and alerted.
- Also, predict future passwords without the need to connect to the network.

Centralized Management:

- Fully integrated into Microsoft Active Directory, WALLIX PAM4ALL takes advantage of highly centralized management, high availability, and fault tolerance.
- The use of Active Directory means that WALLIX PAM4ALL 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 network connection.

Technical Specifications

- > **Application management:**
 - White, gray, and black lists
 - 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

WALLIX PAM4ALL 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. Unlike traditional tools on the market, with PAM4ALL privileges are granted to applications instead of users.

Benefits



The fastest return on investment

Implementing a full PAM4ALL environment can be done in a few hours thanks to its seamless integration with Active Directory.



100% scalable at zero cost

Seamless integration with Active Directory along with a client-server approach (instead of the usual server-client) allows PAM4ALL to be as scalable as the organization itself.



Better security from day one

Experts agree that the first step in following security best practices is the removal of administrator privileges.

Combined with monitoring enterprise applications, this prevents unapproved applications from running and reduces the overall attack surface.



A transparent principle for end users

Efficiency consists in making the operating system itself the guarantor of security against intrusions, through prior restriction of privileges at the application level. PAM4ALL cannot be compared to an antivirus, as the latter has to examine every file.

About WALLIX

A software company providing cybersecurity solutions, WALLIX is the European specialist in digital Identity and Access Security Solutions. WALLIX's technologies enable companies to respond to today's data protection challenges. They guarantee detection of and resilience to cyberattacks, which enables business continuity. They also ensure compliance with regulatory requirements regarding access to IT infrastructures and critical data. WALLIX has a strong distribution network of more than 300 resellers and integrators worldwide. Listed on the Euronext (ALLIX), WALLIX supports more than 2000 organizations in securing their digital transformation.

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