# PRIVILEGED ACCESS MANAGEMENT PLATFORM

## DEDICATED TO PROTECTING STRATEGIC DATA AND ASSETS

# W▲B
### WALLIX ADMINBASTION SUITE

The digital transformation today imposes the need for corporations and public organizations to exploit the value of their data without neglecting their security and compliance. However, using interoperable data with complex lifecycles renders the information system vulnerable to external threats, leaks, and the loss of information. This situation is even more critical when some of these users hold privileges due to their roles and designations, granting them access to sensitive data and applications.

### WALLIX ADMINBASTION SUITE secures privileged users' access and logs their actions.

WALLIX ADMINBASTION SUITE (WAB Suite) is a centralized solution that secures privileged access and monitors privileged sessions. Irrefutable, enforceable audit reports and behavioral analysis statistics on privileged users are truly useful decision-making aids to help stop attacks in their tracks and prevent the spread of malicious systems.
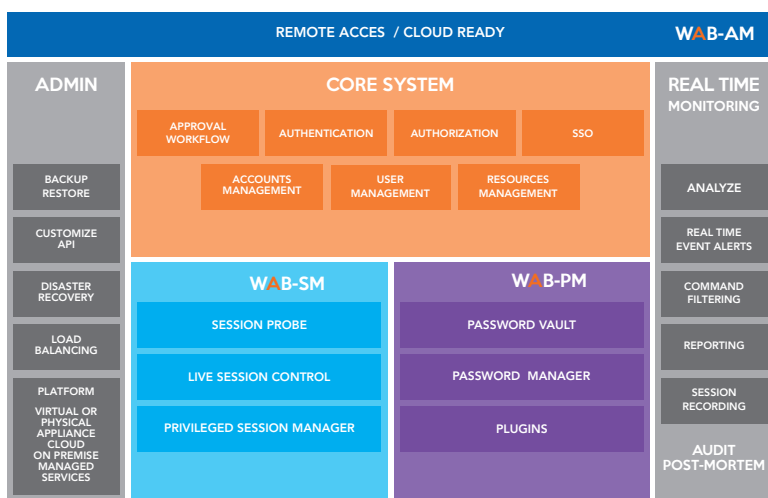


WALLIX ADMINBASTION SUITE, or WAB Suite, includes features dedicated to session and password management, with the incremental and scalable approach of a unified platform.

# CHARACTERISTICS & ADVANTAGES

• Seamless integration into existing environments without having to reconsider investments that have already been undertaken (plugin library and universal connectors).

• The platform is a single control and access point that adapts to organizations of all types and evolves along with their needs thanks to its scalable and interoperable architecture.

• An efficient deployment method with milestones that can be quickly attained and gauged during the implementation of privileged session management - for better control over cost and deadlines, and optimization of the Total Cost of Ownership (TCO).

• Traceability and separation of operational tasks from the administrator perimeter in order to meet regulatory requirements.

• Optimization of teams' production time thanks to the autodiscovery and provisioning of WAB Suite.

**WAB-SM**

## WALLIX ADMINBASTION SESSION MANAGER

This module enables the management of user sessions for enhanced risk prevention and thorough real-time access control:

**• Management and governance of privileged accounts:**

- Unix or Windows operating systems, network devices, databases, mainframes and virtual infrastructures,
- Consoles, business web applications and fat clients (e.g.: firewall management, Salesforce and Sage),
- With direct access to resources using native clients (putty, winscp, mstc, openssh, etc) embedding various connection rules,
- With context-relevant configuration of access validation workflows.

**• Real-time view of all privileged user activity** with alert reporting and remote session shutdown when necessary: character strings (blacklist), widget event reports, process sequences, keyboard traffic ("Session Probe", "4-Eyes", OCR) or the use of bounce servers,

**• Gathering of metadata** (session probe) to supply dashboards with detailed and context-relevant data,

**• Attributable connections** and traceable actions for statistical reports on monitored activity:

- Video or text recording and viewing of all sessions (built-in video player)
- Generation of audit logs, with the possibility of conducting simple searches on recordings in the event of an incident.

**WAB-PM**

## WALLIX ADMINBASTION PASSWORD MANAGER

This module allows managing password complexity and regaining control over access governance. Users will only be able to access the resources they need to maintain productivity and efficiency in performing their duties, with the guarantee that passwords and SSH keys will not be disclosed or misused:

- Safekeeping of passwords and encrypted SSH keys in a certified vault,
- Periodic change and rotation of passwords,
- Open architecture to enable integration with third-party vaults,
- Password cache mechanism to secure integration into SIEM (Security Information and Event Management) dashboards
- Provision of a password management plugin library.

**WAB-AM**

## WALLIX ADMINBASTION ACCES MANAGER

A web administration console in the truest sense of the term, WAB-AM offers users a centralized view catered to their organization to track operations more efficiently in real time:

- Single sign-on (SSO) to all deployed bastions that embed all RDP and SSH clients and adaptation to the infrastructure's authentication system,
- Protection of access to assets and systems through rules that revoke or authorize the authentication of privileged users and delegation of the identification process to third parties (SAML 2.0),
- Multi-tenant architecture compatible with service providers' environments, complete isolation of instances,
- Customisable web client interface,
- No VPN required for remote access.

## TECHNICAL SPECIFICATIONS

**Encryption algorithm**
AES 256.

**Authentication method**
Identifier, LDAP, Active Directory, Radius, TACAS+, Kerberos, X509, OTP, Web SSO, and all authentication technology WALLIX ALLIANCE PARTNERS-WAP.

**Protocols**
HTTP/HTTPS, RDP/TSE, SSH, VNC, Telnet, SFTP.

**Monitoring**
SNMP & e-mail monitoring tools ticketing / workflows for administrator notifications.

**Architecture**
3 layers to allow great scalability (WALLIX ADMINBASTION SUITE farm, bastion cluster, bounce server cluster).

**Integration/Deployment**
Bastion mode, running in transparent mode.

- Available in On Premise, Private Cloud and Hybrid Cloud.
- Accessible through AWS & Azure marketplaces.
- Hardware appliance, virtualization or software.

Easy provisioning and synchronization with central Identity Access Management solutions using the REST API.

Plugins with all business and technology WALLIX ALLIANCE PARTNERS-WAP.

**High availability and Load Balancing**
WAB Suite clusters.
F5 BIG IP, A10 Thunder.

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