The platform to manage

your **IT service providers** and **privileged users**

WAB

Traceability
Audit trails
Compliance
Access control
Session recording
Password management
Single sign-on
Real-time supervision

WALLIX
Infrastructure and Security Solutions

Wallix AdminBastion
appliances are used **to control access and record operations performed** on a company's information systems.

Wallix AdminBastion - WAB 3.0

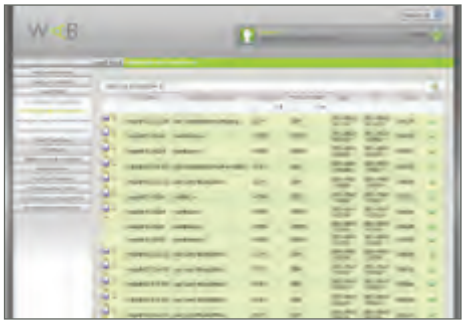
Because information security is now a strategic issue for organizations, legally and technically, WALLIX has developed the Wallix AdminBastion (WAB). In just a few hours the WAB could be showing you who is doing what in your IT Systems, when, where and how.

The WAB controls access by internal and external IT service providers and privileged (high-risk) users. Individual work sessions can be viewed in real time or recorded for later audit.

With the WAB, you can easily manage IT team turnover and ensure critical systems are protected from the risk of access by individuals who are no longer authorised. The Wallix Admin-Bastion enables the implementation of genuine security policies, fulfils technological and legal requirements, and ensures compliance with applicable standards and regulations.

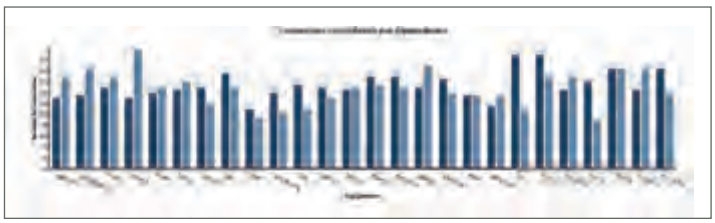
Traceability

The Wallix AdminBastion enables the tracking of connections and actions performed by IT service providers and specified users. Via the WAB administration console, you can monitor connections in real-time and view logs.



Session recording

Actions performed on target devices are continuously recorded for subsequent viewing. In Flash video format for graphical sessions under Windows Terminal Server (RDP) & VNC, and in text format for command-line sessions (SSH, Telnet).



Statistics & activity reports

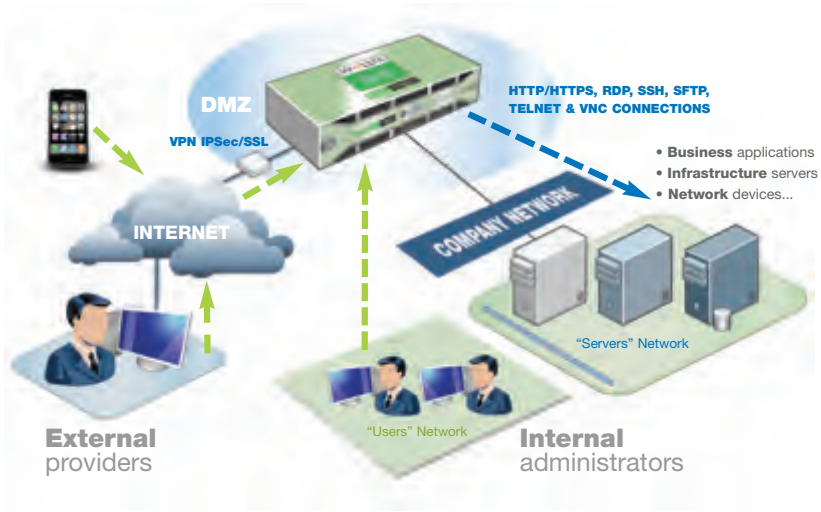
Via the integrated reporting function, Admin-Bastion administrators can view WAB activity graphs and usage statistics (number of connections, distribution, users ranking, etc.) and automatically generate daily reports in CSV format.

Password management

The WAB can be used to implement and maintain effective password policies, either for users or target devices, via automatic password change or password characteristics (length, complexity).

Event analysis

All SSH commands entered are analysed in real-time. An alert can be created or the SSH connection can be terminated if a prohibited string is detected. The WAB is also able to detect information in the titles of active windows launched during an RDP session which facilitates the analysis of recorded sessions.



Agentless operation

The WAB operates without any specific agent on either the administered devices or the workstations, thus facilitating rapid deployment and reducing the Total Cost of Ownership.

Access control

Simple and powerful rules give you control over access to devices. They use criteria such as IP address, user name, time frames, protocols or SSH session type (X11, Shell, Remote exec, etc.).

Real-time supervision

The WAB alerts you to any attempt to connect to a device identified as critical, or when a WAB sign-on fails, or when automatic logon to a target account is impossible.

Reverse HTTP/HTTPS proxy

The WAB can control and monitor access to applications, the web-based admin interfaces of devices and record the HTML pages visited.

Single sign-on

Each user logs onto the WAB with a user name and password, accessing authorised devices without further sign-on procedures. The passwords for these devices are stored in the WAB, thus allowing sessions to be opened automatically.

Strong authentication

Internal users and external service providers can now use X509 V3 certificates for authentication.

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About Wallix

Wallix provides intelligent answers to security challenges posed by increasing data digitisation and by IT resource outsourcing.

We supply innovative access and control solutions to enterprises, governments and large organizations. With a user-driven strategy based on innovation and response to market demands, Wallix offers a range of scalable solutions whose features address critical corporate issues.

Because organizations expect effective and rapid responses, Wallix delivers agentless solutions that integrate easily into existing IT systems.

Wallix solutions empower organizations to guarantee the integrity of their IT systems, ensure traceability and implement a robust compliance and certification approach. (e.g. ISO 27001)

Wallix is a global leader in the market for IT security software that secures critical networks and infrastructures. Established in France in 2003, Wallix is an international organization with operations in Europe, the UK and the USA.

WAB

Features	Descriptions	Benefits
Access control	**The WAB is used to define a user rights-based access control policy:** target accounts, protocols, time frames and session types.	**You create a precise definition of accounts and devices accessible to users,** thus avoiding the need to make the information system more open than necessary.
Single sign-on	**Users need to remember only one login and password to access target accounts.**	**You no longer need to disclose sensitive passwords outside your organization.**
Multiple protocol support	**WAB supports the most common protocols used to manage devices:** http/HTTPS, RDP/TSE, SSH, Telnet, VNC, SFTP, etc.	**You only need one tool to work with heterogeneous systems** (Unix, Linux, Windows, networks, etc.)
Traceability and Session recording	**Connection logging by date, time, user, target account, duration and files transferred. All actions performed on target devices are recorded,** whether graphical (RDP, VNC) or command line sessions (SSH, Telnet).	**In the event of an audit or incident, the WAB shows who was logged on to which target account, for how long and what they did.** You can view the video and session files to analyse the cause of an incident, or to monitor external service providers.
Password management	**The WAB manages password policies for both users and devices.**	**You have the flexibility to create password change rules based on a number of criteria keeping you compliant with your organisation's information security/compliance policies and standards.**
Agentless operation	**The WAB operates without the need for an agent,** either on the administered devices or on the workstations.	**Agentless deployment** makes the WAB quick to setup and simple to maintain.
Statistics & Activity reports	**Via the web interface, WAB activity reports are easily generated and can be exported in CSV format.**	Information system security managers have a **qualitative and quantitative vision of user activities and target devices.**
Administration delegation	**Profile Management allows WAB administrators to define the functions available to specific users** (user creation, access rights management, etc.)	**It is possible to define access rights for administrators (e.g. Unix Admin., Windows Admin.) and to create specific roles** (e.g. an 'auditor' could view everything, but modify nothing).
SSH flow analysis	**Allows the real-time detection of strings of characters (based on a regular expression) in SSH session flow.**	**You can detect undesirable shell commands and trigger email notification or automatic disconnection.**

Technical Information

- Supported protocols
  RDP, SSH, HTTP/HTTPS, VNC, X11, SFTP, Telnet, rlogin

Features

- Access Control Lists
- Session recording and viewing (commands, actions)
- Setting of RDP recording quality
- User authentication by user name/password, X.509 certificate or SSH key
- Password management policy for users
- Password management policy for devices
- Per user-group and per device rights management (RBAC)
- Administration delegation and user-profile definition
- Connection and connection attempt logging
- Critical account access alerts
- Real-time active connection monitoring
- SSH flow analysis
- Viewing and generation of statistics and activity reports

Configuration/Operation

- By Web administration console (https) or command line
- Command line control via third party applications
- Import device lists via CSV file
- Import user lists via CSV file or direct AD or LDAP connection

Interoperability

- SNMP supervision
- Interface with Radius, LDAP, LDAPS, Active Directory and Kerberos

Security and continuity of service

- Password encryption
- High availability
- Configuration backup/restore

Support & Maintenance

- Hotline service from Monday to Friday, 9am to 7pm (excluding specific support contracts)
- Access to software updates

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