

SSH Key Manager

Centralized policy creation and management, as well as integration with strong authentication solutions mean that organizations can go a step further to ensure that only authorized users are able to access and use these privileged credentials.

- **Automate key rotation.** By automating SSH key rotation, organizations can reduce the risk of unauthorized access to privileged accounts without burdening the IT team. CyberArk SSH Key Manager enables organizations to automatically rotate SSH key pairs in accordance with policy, as well as rotate key pairs on-demand as required. Automated distribution of public keys to target systems and storage of private keys in the Digital Vault helps organizations streamline security processes and gain operational efficiencies.
- **Report on the use of private SSH keys.** Built-in audit capabilities enable organizations to view and report on who accessed what keys, and when. By reviewing the check-out and check-in of private SSH keys, organizations can learn what systems were accessed, by whom they were accessed and how long each session lasted. Audit logs are stored in the tamper-proof Digital Vault, and reports can easily be generated and handed over to auditors to prove compliance with requirements.

Benefits

CyberArk SSH Key Manager can help organizations incorporate SSH key security and management into a broader privileged account security strategy. With CyberArk SSH Key Manager, organizations are able to:

- **Mitigate risks by strengthening privileged account security.** CyberArk SSH Key Manager enables organizations to securely store, manage and control access to private SSH keys. By better protecting these privileged credentials, organizations can prevent unauthorized access to privileged accounts and reduce the risk of a data breach.

- **Avoid penalties by meeting and proving compliance.** To comply with standards and regulations, organizations must protect all privileged accounts. By securely storing, managing and controlling access to SSH keys, organizations comply with privileged account security requirements, and built-in reporting tools help organizations expedite audit processes.
- **Improve operational efficiency by automating security processes.** The automated rotation of SSH key pairs, storage of private keys and distribution of public keys to target systems helps organizations strengthen security and meet compliance requirements without burdening the IT team. SSH Key Manager's integration into the CyberArk Shared Technology Platform enables organizations to manage a comprehensive Privileged Account Security Solution from a single platform, behind a single pane of glass.

A Comprehensive Solution

CyberArk SSH Key Manager is a component of the CyberArk Privileged Account Security Solution, a complete solution designed to secure, manage, monitor and control access to privileged account credentials, including both passwords and SSH keys. Products in the solution can be managed independently or combined for a complete privileged account security solution. CyberArk SSH Key Manager is based on the CyberArk Shared Technology Platform which delivers enterprise-class security and allows customers to deploy a single infrastructure and expand the solution to meet changing business requirements.

Specifications

Supported Platforms:

- **DNA Discovery:**
RHEL 4-6; Solaris Intel and Solaris SPARC 9, 10, 11; SUSE 10; Fedora 18; Oracle Linux 5; CentOS 6; AIX 5.3, 6.1, 7.1; ESXi 5.0 and 5.1
- **SSH Key Security and Management:**
RHEL 4-6; Solaris SPARC and Solaris Intel v9, v10, v11; CentOS 6; AIX 5.3, 6.1, 7.1; ESX, ESXi v5.1
- **Private Key Security:**
Windows XP; Windows 7; Windows Vista; Windows 2008R2; Windows 2012R2

Target SSH Servers:

- OpenSSH

Private Key Formats:

- OpenSSH
- Putty
- Tectia

Encryption Algorithms:

- AES
- DSA

SSH Key Lengths:

- 1024
- 2048
- 4096
- 8192

Access and Workflow Management:

- LDAP directories
- Identity and Access Management
- Ticketing and workflow systems

Multi-lingual Portal:

- English
- French
- German
- Spanish
- Russian
- Japanese
- Simplified Chinese
- Traditional Chinese
- Korean
- Brazilian Portuguese

Authentication Methods:

- Username and Password
- RSA SecurID
- Web SSO
- RADIUS
- PKI and smartcards
- LDAP

Windows-based Authentication Monitoring:

- SIEM integration
- SNMP traps
- Email notifications