AppViewX

AppViewX SSH | Solution Overview

Get unmanaged SSH keys and certificates under centralized control. Eliminate standing access.

Challenge

SSH is foundational to enterprise infrastructure and one of its least-governed attack surfaces. SSH keys don't expire, and they proliferate silently across every server, pipeline, and cloud environment, with no central inventory of who owns them or what they can reach.

SSH key sprawl creates persistent backdoors

Because keys don't expire, they pile up across hybrid and multi-cloud environments. Decommissioned servers, former employees, and orphaned service accounts leave keys behind, each a potential access path that bypasses security controls.

Lack of inventory means no control over access

Most teams still rely on spreadsheets and manual processes to track SSH keys. Without a central view of which keys exist, who owns them, and what they can reach, there's no way to rotate, revoke, or govern access at scale.

Manual rotation doesn't scale and breaks access

Key rotation is critical, but manual rotation is incomplete. Without mapped trust relationships across users, hosts, and service accounts, rotations either get missed, leaving stale credentials, or break access and cause incidents.

Compliance gaps appear before auditors do

Regulations require complete, auditable access records. Unowned keys, missing logs, and undocumented access paths each become a finding, and assembling evidence manually stretches remediation into weeks.

AppViewX SSH

Centralized SSH Lifecycle Management. No Sprawl. No Silos.

AppViewX SSH is a centralized SSH key and certificate management solution that finds every SSH identity, keeps it up to date, and controls how it's used across your environment. Through complete visibility, end-to-end automation, and policy-driven controls, AppViewX SSH eliminates key sprawl, reduces risk, and keeps privileged access governed at scale.

Because SSH runs on the same AVX platform as AppViewX CLM and PKI, your team manages SSH keys and TLS certificates together: one dashboard, consistent policies, shared audit trails.

Discovery

See every SSH identity. Eliminate blind spots by discovering all SSH keys and certificates across your infrastructure and mapping each one to an owner, account, and system.

Automation

Put SSH on autopilot. Automate key and certificate generation, provisioning, rotation, and removal. Free your team from manual SSH management and automatically update SSH access as people, roles, and systems change.

Security

Turn blind spots into governed risk. Define and enforce key generation policies, rotation intervals, and RBAC-controlled access automatically. Manage SSH with the same policies and software you use for other machine identities.

What It Delivers

Everything You Need for End-To-End SSH Management

Smart Discovery and Risk Intelligence

Discover all SSH keys and certificates across hybrid, multi-cloud, and DevOps environments. Build a central inventory that maps every key and certificate to its owner, host, and service account. Use the Risk Dashboard to identify suspicious, shared, orphaned, or weak keys and track your posture over time.

End-to-End Lifecycle Automation

Automate SSH key generation, provisioning, rotation, and deletion. One-click remediation removes or rotates risky keys instantly. Automated retries and validation ensure rotations complete reliably without manual intervention or broken access.

Zero-Touch Policy Enforcement

Automatically enforce policies for key generation and rotation intervals, so every key meets your standards from day one. Mandate rotation schedules to eliminate stale credentials and standardize SSH configurations across every host and team.

Short-Lived SSH Certificates

Replace long-lived SSH keys with short-lived, policy-issued OpenSSH certificates. Time-bound credentials shrink the window of standing access and reduce sprawl risk without requiring engineers to change how they work or manage certificate lifecycles manually.

Self-Service Provisioning with RBAC

Let developers and operations teams request and generate SSH keys and certificates through a self-service portal, backed by role-based access controls and host grouping. Delegate SSH access at scale while retaining centralized oversight and guardrails at a granular level.

One Platform for SSH, CLM, and PKI

SSH runs on the same AVX platform and data model as AppViewX CLM and PKI. Manage SSH keys and TLS certificates under consistent policies, from one dashboard, with 200+ integrations connecting SSH management to your IAM, PAM, DevOps, ITSM, and cloud tools.

What Security and Infrastructure Teams Get

Complete SSH visibility, no blind spots	Discovery ties every key to an owner, host, and system, so security teams can see their full SSH exposure across hybrid infrastructure in hours, not months.
Close access paths left by stale credentials	Automated rotation and policy enforcement eliminate stale credentials and persistent access paths tied to former employees, decommissioned systems, and over-permissioned service accounts.
SSH governance that scales with your infrastructure	Automation handles generation, provisioning, rotation, and removal at scale. Teams stop chasing keys and start governing them—without growing headcount as infrastructure grows.
Audit-ready SSH access	Consistent rotation policies, RBAC controls, and full audit trails mean SSH access questions get answered from the platform, not from a weeks-long evidence assembly exercise.
SSH managed alongside your certificates and PKI	One platform, one data model, one set of policies across SSH keys, TLS certificates, and private PKI. Fewer tools, fewer gaps, and a unified view of total machine identity risk.

Get SSH access under control without adding complexity.

Schedule an SSH assessment and see your full access exposure.

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