DATASHEET

Take Control. Eliminate SSH Key Sprawl.

Discover, manage and automate the lifecycle of SSH keys across your network and multi-cloud environments.

Take control of your SSH risks

SSH keys enable privileged access to machines across your network, yet security teams often have limited or no control over them. Excessive SSH privileges and unmanaged keys lead to audit failure, or worse, a security breach.

Keyfactor SSH Key Manager helps security teams take back control with centralized visibility and policy enforcement across any network or cloud environment. 57%

say they do not have an accurate inventory of SSH keys

2021 State of Machine Identity Management Report

Key Benefits



Simplify SSH audits and compliance

Proactively discover and monitor the use of all SSH keys in your network and clouds from one console.



Reduce risk and eliminate key sprawl

Identify and remove unused or unauthorized SSH keys in your network and enforce regular expiration and rotation.



Automate SSH access and key provisioning

Enable users to generate keys via self-service and automate deployment to server and cloud workloads.

Key Capabilities

Discover unknown and unauthorized SSH keys

Automatically scan hosts across your network and cloud services, and bring keys into one platform. Once discovered, you can easily search through your inventory and map keys to associated users, machines and service accounts.

Discovered Date	~	Is equal to	~	mm/dd/y	ууу	∽ Sear	ch Advo	inced	
Availat	le Logons	Date Found	Ke	у Туре	Key Size	Com	ments		
0 4		09/08/2020	RS.	Δ.	20.40			-	
0 1		08/21/2020	RS.	Δ.	View I	(ev			
0 2		09/08/2020	RS.	4	viewi	(0)			
0 1		01/24/2021	RS.	۹.	Basic	Logons			
• 4		04/20/2021	RS.	Δ.	Username			Server	
0 7		07/04/2020		25519	SSHUser1			Ubuntu	u-Linux
0 2		06/24/2020	RS		SSHUser2			Ubunti	u-Linux
		09/17/2020		DSA	SSHUser3			Oracle	Linux
		03/21/2021 04/12/2021	EC RS	DSA	SSHUser4			RHEL	

Remediate risks and enforce key rotation

Switch from inventory-only to manage mode to identify and remove unauthorized or stale keys with just a click. Define maximum key lifespans and schedule automated key rotation alerts to ensure compliance with enterprise policy.

KEÝFACTOR		PKI Admin 🛞 🔮	Time frame	30 🗸 Days 🗸
Key Rotation Alerts Total: 242 Refrest Monitoring Execution Schedu	le V Confr	gure	Display name Subject Message	SSH Alert Action Required: 90-Day Key Rotation Hi [username] Please rotate SSH key (fingerprint) within
© Display Name	Days	Handler Name	Use handler	the Keyfactor self-service Thank you SSH Admin Insert Special Key Fingerprint in Key V © SSHKeyRotationPowershell V Con
		Configure		
		Configure Key Lifetime (days)	365	

HOW IT WORKS



Discover

ind all of your SSH keys and nanage them effectively from a single console.



Remediate

Quickly delete outdated, non-compliant, or rogue keys n real-time.



Automate

Enable users to generate keys on-demand and automatically deploy them to servers.

Automate SSH access and key deployment

SSH Key Manager syncs with Active Directory (AD) or your identity provider to easily assign and revoke SSH access for specific users and groups. Bash Orchestrators work seamlessly to automatically provision and revoke SSH keys from servers or server groups.

KEÝFACTOR Server Groups Servers Logons				Basic Access Management			
Server Manager				Add User Add Logon Remove			
				Username	8		
Hostname	✓ Is equal to	~		SSHUser2			
© Hostname	Owner	Group Name	Orchestrator	SSHUser3			
0 ——				SSHUser4	Add/E	Edit User or Gr	oup
0					Name	Logon Ids	
0					kyfsshuse	erl sshuserl	
0					s kyfsshuse		
					kyfsshuse		
					kyfsshuse	er4 sshuser4	
					kyfsshuse	er5 sshuser5	
						Save	Ca
ŏ						Save	

Simplify audits and stay ahead of threats

Get real-time visibility into SSH keys and configurations, such as key algorithms, status, and root access. Schedule reports on key rotation status and access privileges, and get notified when rogue keys are created out of band.

Dashboard					Stale SSH K	eys Repo	rt		
SSH Key Type	Stale SSH Keys				Schedule	Daily 🗸	at 8:00 A.N	И.	
	Logon	Fingerprint	Кеу Туре	Key Leng	Send Report	🔘 Yes () No	,		
10,876					Save Report	Yes No			
7,675				-	Save Report Path	_			
7,075					Report Format	PDF 🗸			
					Start Date (UTC)	30	days 🗸	before 🗸	to
1,879				-	End Date (UTC)	0	days 🗸	before 🗸	to
RSA ECDSA Ed25519 Unknown					SSH Key Type	_		Change H	۲ Key
				_	Recipients				1
SSH Keys with Root Access									F
Account Name Fingerprint	Host Name	Creation Date	Кеу Туре	Key Lengt					D
				_					

Divide and conquer your SSH key landscape

Delegate role-based access to enterprise administrators, server administrators, and end users – allow users to generate and rotate their own keys via self-service portal or REST API.

KEŸFACTO	2		PKI Admin	۲	0	tucgo	
My SSH H	Key						
Generate	Rotate Download						
You do not cu	rrently have an SSH key. Please gen	erate one using the button above.					
(_						
	Generate						
	✓ Key Information						
	Кеу Туре	RSA					
	Key Length	2048					
					_		
	\checkmark User Information				_		
	Username	sshuser					_
	Email	sshuser@keyfactor.com					
	Passphrase	*****					
		5.	ave Cancel				

Why Keyfactor

Cloud-first

Deploy SSH Key Manager in the cloud as a service or on-premise as a software appliance.

No per-host fees

Simple, predictable pricing. Scale up fast without per-host fees getting in your way.

Automation-friendly

Remote install scripts allow you to assign SSH access immediately as servers are spun up.

Easy to integrate

Open-source bash orchestrator plugs into Oracle Linux, RHEL, Ubuntu, and more.

Non-disruptive

Works with your existing SSH keys and connections, no need for heavy scripting.

Platform or standalone

SSH Key Manager is available as an add-on module or a standalone product.

See it in action

Find out how to take control of your SSH keys. Book a demo today.

REQUEST DEMO