



DATA SHEET

CyberArk® Privilege Cloud™

The Challenge

Identity Security represents the largest security risk organizations face today. Privileged access exists in infrastructure and applications, whether on-premises or in the cloud. When employed properly, privileged access maintains systems, facilitates automated processes, and ensures business continuity. But in the wrong hands, this access can be used to steal sensitive data and cause irreparable damage to the business.

Identities and credentials are exploited in nearly every cyber-attack. Bad actors, whether external attackers or malicious insiders, can abuse privileged access to disable security systems, to take control of critical IT infrastructure and applications, and to gain access to confidential business data and personal information.

Organizations face a number of challenges when securing identities, namely protecting, controlling, and monitoring privileged access including:

- **Managing account credentials.** Many IT organizations rely on manually intensive, error-prone administrative processes to rotate and update privileged credentials—an inefficient, risky and costly approach.
- **Tracking privileged activity.** Many enterprises cannot centrally monitor and control privileged sessions, exposing the business to security risks and compliance violations.
- **Controlling superuser access.** Organizations often struggle to effectively control and audit superuser access to business-critical systems, creating compliance risks and operational complexity.
- **Securing remote access.** It can be challenging with conventional user authentication and authorization approaches to make sure remote 3rd party users access only what they need (and only when they need it).
- **Rising costs of skills and infrastructure.** As the IT security skill gap grows and infrastructure expenses rise, a cloud-hosted solution can ease pressure and costs.
- **Satisfying Audit and Compliance.** All industries face some level of governance and regulatory mandates. CyberArk® Privilege Cloud™ simplifies compliance processes and provides a clear audit trail.

82%

of breaches involved the human element.¹

\$4.35M

Average total cost of a data breach.²

PROTECT PRIVILEGED ACCESS FASTER THAN EVER.

CyberArk has created the Jump Start to help organizations rapidly reduce audit and security risk.

The Jump Start accelerates Privilege Cloud deployment and helps customers achieve rapid risk reduction in three phases:

1. Discovery and Planning
2. Deployment
3. Expand and Secure

¹ Verizon Data Breach Investigations Report, 2022

² IBM Security Cost of a Data Breach Report, 2022

The Solution

Privilege Cloud, part of the CyberArk Identity Security Platform, helps organizations protect, control and monitor privileged access across both cloud and hybrid infrastructures. Designed from the ground up for security, Privilege Cloud helps organizations efficiently manage identities and access rights, proactively monitor and control privileged account activity, and quickly respond to threats. Privilege Cloud is a SOC 2 Type 2 compliant and [SOC 3 certified](#) service that delivers global scalability, high availability, and strong security.

The service accelerates time-to-value and enables cost efficiencies. Privilege Cloud can help organizations:

- **Enable privileged access with modern Single Sign-On (SSO) and adaptive Multifactor Authentication (MFA).** Access sensitive resources with a single set of credentials to reduce the risk of poor password practices. Provide risk-based authentication for each login leveraging user-specific contextual attributes.
- **Centrally secure and control access to privileged credentials based on organizationally defined security policies.** Automated privileged credential rotation for both human and non-human identities eliminates manually intensive, time consuming and error-prone administrative tasks, safeguarding credentials.
- **Isolate and monitor privileged sessions.** Establish secure, isolated remote sessions and record all activity. Credentials are retrieved by the solution and sent directly to the target system, so both end users and machines are not exposed to credentials. Meanwhile, session isolation prevents the spread of malware.
- **Detect, alert and respond to anomalous privileged activity.** Identity Security Intelligence, a shared service of the CyberArk Identity Security Platform, enables detection and response to anomalous user behavior and privileged access misuse.
- **Secure remote access.** Easily and securely authenticate external vendors and remote employees accessing CyberArk with biometric, VPN-less MFA and no agents. Provision authorized users with Just-in-Time, passwordless access to critical resources and enable automatic session isolation and monitoring.
- **Secure credentials for applications and non-human users.** Hard coded credentials used in homegrown applications can be removed and managed by Privilege Cloud. The solution also integrates with other leading security vendors to remove hard-coded credentials from apps when they require privileged access.

CyberArk Privilege Cloud Enables Organizations to:

- **Deliver measurable cyber-risk reduction.** Secure privileged identities – human and machine – by managing privileged accounts, credentials and secrets in a tamper-resistant centralized repository. Efficiently detect and respond to suspicious activity and malicious actions. Protect against unauthorized privileged access, impersonation, fraud and theft.
- **Satisfy audit and compliance.** Institute policy-based privileged access controls to ensure compliance with government and industry regulations. Easily demonstrate policies and processes to auditors. Produce detailed audit trails and access histories to exhibit compliance.
- **Secure digital transformation.** Securely authenticate users and provide VPN-less access to infrastructure and apps from a single web portal with seamless, native session management. Free up scarce IT staff to focus on strategic tasks to support core business activities. Integrate with over 800 plug-ins available directly on CyberArk Marketplace.

CyberArk is the global leader in Identity Security. Centered on [privileged access management](#), CyberArk provides the most comprehensive security offering for any identity – human or machine – across business applications, distributed workforces, hybrid cloud workloads and throughout the DevOps lifecycle. The world's leading organizations trust CyberArk to help secure their most critical assets.



©Copyright 2023 CyberArk Software. All rights reserved. No portion of this publication may be reproduced in any form or by any means without the express written consent of CyberArk Software. CyberArk®, the CyberArk logo and other trade or service names appearing above are registered trademarks (or trademarks) of CyberArk Software in the U.S. and other jurisdictions. Any other trade and service names are the property of their respective owners. U.S., 03.23. Doc. TSK-3571 (TSK-2064/TSK-1413)

CyberArk believes the information in this document is accurate as of its publication date. The information is provided without any express, statutory, or implied warranties and is subject to change without notice.

www.cyberark.com