

LEADER IN PRIVILEGED SESSION MANAGEMENT



Privileged Session Management Suite 6.0



Integrated Privileged Database Activity Monitoring

Unique approach enables faster deployment with a zero-footprint solution.

Continuous Monitoring Protects Critical Servers, Databases and Virtual Environments

Control and monitor privileged access and create full visibility to all privileged users and activities.

Easier Audit & Compliance

Prove that you know what was done on your systems and easily search, locate and alert on sensitive events with a unified interface.

By isolating, controlling and recording all privileged administrator sessions, Cyber-Ark's Privileged Session Management Suite is a single solution that protects your databases, virtual environments and servers from insider and advanced external threats.

THE CHALLENGE

Privileged accounts such as sysadmin, Oracle system, Administrator in Hypervisor or Windows and many more are prevalent throughout your datacenter. These privileged accounts allow access and manipulation of all your sensitive business information with potentially devastating business impact. **Since privileged accounts are so powerful, they are repeatedly the target of both internal and external attacks.** How many times have you asked yourself, who is actually using these privileged accounts and are they being misused? Perhaps you also want more control over who can connect to these accounts or want to investigate the root cause for the disruption to one of your production systems this morning by reviewing all administrative activity done prior to the disruption?

Without answers to these critical questions you risk:

- **Failure to Comply with Audit Requirements**
Audit requirements are going deeper and wider and you need to prove to your auditors that you know what was done in a certain privileged session. PCI DSS section 10 specifies the ability to "track and monitor all access to network resources and cardholder data." Lack of compliance could result in penalties and cost the organization much more than it would have cost to secure the privileged accounts and sessions in the first place.
- **Insider & Advanced External Threats that Severely Impact Your Business**
In the 2010 Cybercrime Survey issued by the Ponemon Institute, 62% of respondents reported malicious insider breaches. Cyber crimes have also become common occurrences and are becoming more sophisticated, better planned and targeted. These attacks may include planting viruses

Isolate & Protect Against Cyber Attacks

Deliver Continuous Monitoring & Compliance

Integrated Privileged Database Activity Monitoring

Faster Deployment with No Performance Overhead

PSM for
Servers

PSM for
Databases

PSM for
Virtualization

Facts & Figures:

Cyber-Ark secures 8 of the 10 largest banks in the world.

1 in every 3 Fortune 50 companies have selected Cyber-Ark.

The Privileged Session Management Suite provides administrative session monitoring for continuous protection and compliance of your mission-critical target systems, databases and virtual environments across your datacenter.

on mission-critical servers, stealing and publishing confidential business data, tapping into source code, abusing sensitive consumer data such as bank accounts or credit card details and paralyzing critical national infrastructure. Such attacks, on the most part, go after vulnerabilities that result in gaining privileged access or hard-coded application passwords that can do significant damage to an organization's bottom line and reputation.

- **Longer Recovery Time and Extended Damage**
Without being able to track what sensitive information was stolen or what was done on critical systems to bring them down, minimizing the damage becomes impossible and the time to resolving the problem is prolonged.

THE SOLUTION

Cyber-Ark's Privileged Session Management Suite is a central point of control for protecting target systems accessed by privileged users and accounts. It's a single solution for full datacenter coverage and complements Cyber-Ark's market-leading Privileged Identity Management Suite, an enterprise-class, unified policy-based solution that secures, manages and enforces policies and workflows for all privileged and shared accounts across datacenters, whether on-premise, off-premise or in the cloud.

The Cyber-Ark Privileged Session Management Suite includes the following products:

Privileged Session Manager® for Servers

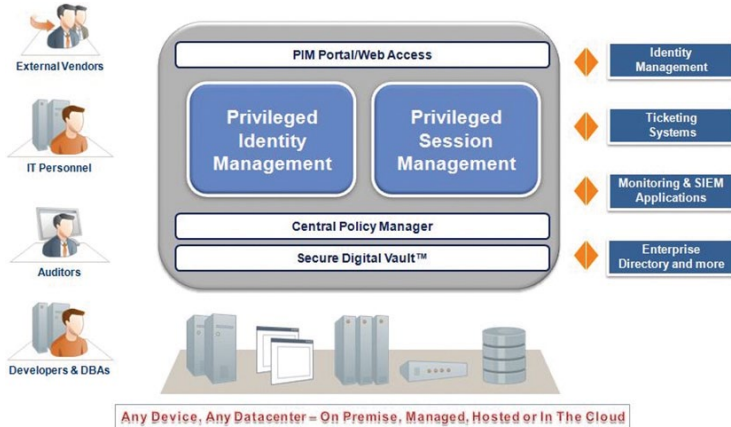
Control and monitor privileged access to sensitive servers including Windows, Unix/Linux, Mainframes (zOS), iSeries and network devices. Provide full privileged session recording with DVR playback, as well as secure remote access to sensitive systems using privileged single sign-on without having to expose credentials to end-users e.g. external vendors.

Privileged Session Manager® for Databases

Database administrators are highly privileged – they can view or change any piece of data in your organization. **A recent Independent Oracle User Group survey reported that 75% of DBAs say their organization cannot monitor them.** Cyber-Ark's Privileged Session Manager for Databases introduces an easy to deploy and novel approach to database security with zero footprint and no impact on performance, while capturing every operation performed by database administrators. Deployment is dramatically faster and without risks to production business applications in comparison to other database activity monitoring solutions.

Privileged Session Manager® for Virtualization

In a virtual environment, the hypervisor privileged accounts allow access to multiple



servers, and as a result, malicious attacks on the hypervisor, whether from the inside or externally, have exponential risk impact to the organization. In a multi-tenant, cloud environment managing and monitoring privileged access to the hypervisor becomes critical since multiple customer organizations could be at risk. Cyber-Ark is pioneering the risk and compliance market in virtualization security with PSM for Virtualization. Every hypervisor connection is managed, access controlled and a full video recording of what was done in these privileged sessions is provided. Furthermore, due to the sensitivity and closed nature of hypervisor systems, PSM for Virtualization secures without installations of any agent on the hypervisor or guest images.

BENEFITS

With Cyber-Ark's Privileged Session Management Suite, you gain:

Full Visibility for a Better Security Posture Against Cyber Attacks

Since all privileged sessions must connect through the PSM Suite, isolation is created between the privileged user's desktop and the target system, which eliminates the risk of planting malware on critical systems. By safeguarding and isolating these critical assets, as well as knowing what happened in any privileged session, you can avoid human errors, minimize insider threats and prevent targeted external attacks.

Continuous Monitoring for Protection and Compliance Without Impacting the Business

To meet audit and compliance requirements

such as PCI DSS, SOX, HIPAA, Basel II and more, you need to prove to your auditors you are controlling privileged access to sensitive systems by optionally enforcing strong authentication, access controls and approval workflows, knowing who did what on your target systems, databases and virtual servers.

Increased Efficiency With Central Control and Management

All privileged sessions on any target system are centrally controlled and managed based on pre-defined policies and workflows. Whether you need to define access controls, view session recordings or monitor sensitive events across your entire datacenter, you can do so via a single web interface or dashboard view.

Shorter Time to Resolution & Minimize Financial Consequences

By easily being able to search, locate and alert on sensitive events, root-cause analysis can quickly be unveiled, minimizing the potential damage to the organization due to the security breach or human error. Moreover, DVR recordings help you see the high-level and complete picture of what happened in a session rather than filter through an exhaustive list of logs.

Rapid Time to Deployment Means Quick Time to Value

Most database activity monitoring and Hypervisor security solutions require network topology changes and the re-routing of all application and business transactions through the monitoring solution. This extends the deployment process as every business application needs testing to ensure no negative impact was caused to production systems. Since the PSM Suite

“We have taken care at National Gypsum to ensure that people only have the level of access that is needed. This prevents users from unwittingly bringing down production systems because they have access to data and/or processes outside of their routine needs.”

National Gypsum,
Mike Brannon,
Senior Manager of
Information Systems

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focuses only on privileged users and accounts, and requires no installation on production servers, there is no need for lengthy application performance tests or impact analysis, which in turn results in dramatically faster deployment time.

FEATURES

Whether you're looking for a solution to help you pass audits, protect your sensitive assets from external targeted threats, or you want to improve your security posture by being 'in the know,' continuously, the value of the Privileged Session Management Suite rests on a rich set of product features, such as:

Security and Audit

- Highly secure repository utilizing FIPS 140-2 validated cryptography for storing all audit logs and recorded sessions
- Proxy architecture creates an isolated and secure environment as opposed to potentially vulnerable endpoint desktops where malware can interfere with administrative or privileged sessions
- Centralized audit and compliance management through built-in audit-ready reports and self-serve access for auditors
- Sophisticated and flexible web Portal for creating personalized views of privileged sessions
- Strong authentication with ability to force 2-factor authentication before privileged access is allowed to databases, servers or hypervisors

Privileged Session Access & Workflows

- Enforce enterprise policies and workflows, e.g. dual control for initiating sessions, submit a reason in the pre-integrated ticketing system, control the session duration time, etc.
- Secure HTTPS-based access allows secure local and remote access to enterprise managed devices
- Enable session recording according to enterprise policy and end-users roles
- Privileged single sign on for initiating sessions without the need to expose privileged

credentials, e.g. third party vendors.

Privileged Session Recordings

- DVR style playback of recorded privileged sessions for event analysis and forensic review
- Supports more than 100 concurrent session recordings by a single server.
- Highly scalable solution supports multiple recording servers for Load Balancing/High Availability
- Highly compressed session recordings reduce the need for excessive storage
- Privacy regulation support allowing on-screen user notification when a session is being recorded

Enterprise Readiness

- Distributed architecture with central management and storage that is ideal for multi-network and multi-site environments and benefits from a single administration, audit and monitoring interface
- Integration with enterprise infrastructure, including strong authentication (2-factor, SecurID, Radius, PKI, LDAP and more), monitoring and SIEM integration, SNMP, Syslog and SMTP, built-in HA/DR architecture and much more
- Full Software Development Kit (SDK) to integrate with a range of enterprise systems

Integrating with Privileged Identity Management Suite

- Common infrastructure for managing, securing and tracking shared privileged accounts and isolating and protecting privileged sessions
- Secures your critical databases by protecting and creating personal accountability for shared DBA accounts, eliminating hard-coded database credentials from scripts and applications, enabling granular access-control and monitoring DBA Unix/Linux sessions to the database
- Manage and protect privileged accounts on Guest systems across your virtualized environment using Cyber-Ark's Privileged Identity Management Suite



Cyber-Ark wins "Enterprise Security Solution of the Year" for its Privileged Identity Management Suite, Computing Security Awards 2010

"Our systems and data are now much more secure thanks to Cyber-Ark's products. We are able to complete transactions quicker and automate processes, which allows us to be more efficient as a business."

Mike Shrader,
Network Security Specialist
Glatfelters

