

Cyber-Ark's Solutions for Virtualization Security

Cyber-Ark is pioneering the Virtualization Security market with innovative solutions for managing and securing privileged access to the Hypervisor and isolating, controlling and recording privileged sessions on these machines

PRIVILEGED IDENTITY MANAGEMENT SUITE

Cyber-Ark's Privileged Identity Management (PIM) Suite secures, manages and logs all privileged accounts and usages associated with datacenter management.

The suite includes three products: Enterprise Password Vault® for privileged account lifecycle management, Application Identity Manager™ for eliminating hard-coded, embedded credentials and encryption keys stored in applications, scripts or configuration files and On-Demand Privileges Manager™ for on-demand root elevation and granular access control on Unix/Linux environments.

The suite provides privileged account lifecycle management for the virtual datacenter:

- ④ Secure the privileged credentials in a highly secure, tamper-proof Digital Vault
- ④ Personalize audit trail and accountability around ESX/ESXi and vCenter privileged and shared accounts
- ④ Monitor privileged account usage via a managerial dashboard and built-in audit and operational reports for tracking who used the privileged account, when and for what reason
- ④ Enforce security policies such as periodic replacement of all privileged credentials of the hypervisor and guest images
- ④ Enforce change-management approval procedures as part of emergency access and system maintenance workflows

The above capabilities minimize security breaches and insider threats by creating a unified accountability and control point over privileged accounts. The solution improves operational efficiency by automating privileged credential management and allows meeting audit and compliance requirements with detailed logging of activities.

PRIVILEGED SESSION MANAGEMENT SUITE

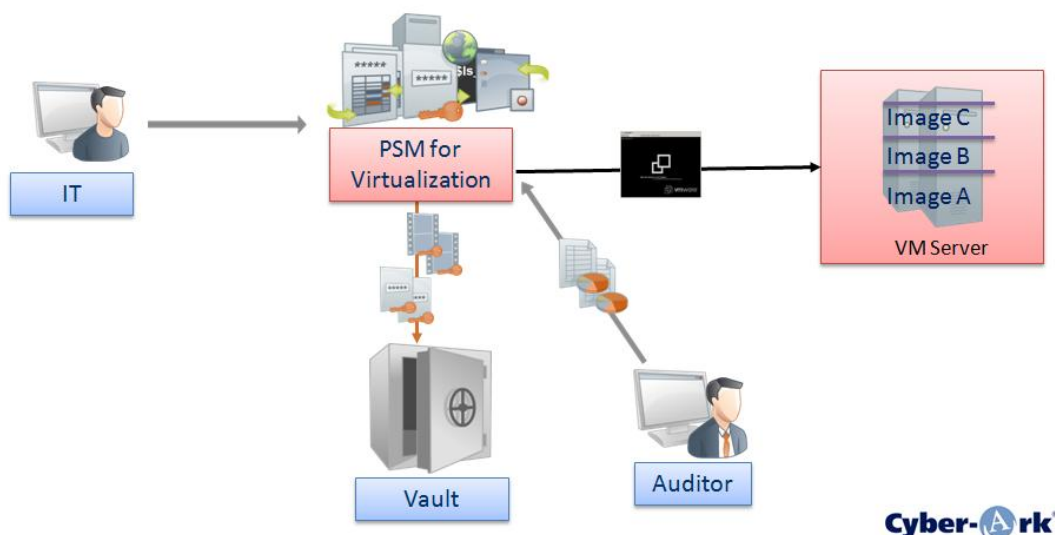
Cyber-Ark's Privileged Session Management (PSM) Suite isolates, controls and records all privileged administrator sessions.

Its unique, hardened proxy architecture protects virtual environments from internal and external threats by forcing all connections to target virtual machines to go through PSM. PSM is a zero-footprint solution and therefore does not create performance overhead nor requires agent installation on the target virtual machines.

Privileged Session Manager® for Virtualization enables continuous monitoring for protection and compliance of sensitive virtual environments, creating full visibility and control. The zero-footprint solution allows for faster and risk-free deployment and quicker time to value.

Capabilities include:

- Ⓐ Innovative solution to monitor and control access to VMWare Administrator tools including **vCenter, ESX/ESXi hosts** and **Guest** systems
- Ⓐ Privileged Single Sign On across the virtual environment
- Ⓐ Access workflows enforcement for privileged sessions e.g. session initiation approval, change management ticket validation, allowed session connection time etc
- Ⓐ Enabling strong authentication for Hypervisor access and management
- Ⓐ Full administrative session recording with DVR style playback



Isolating sensitive virtual environments, controlling and recording all privileged sessions