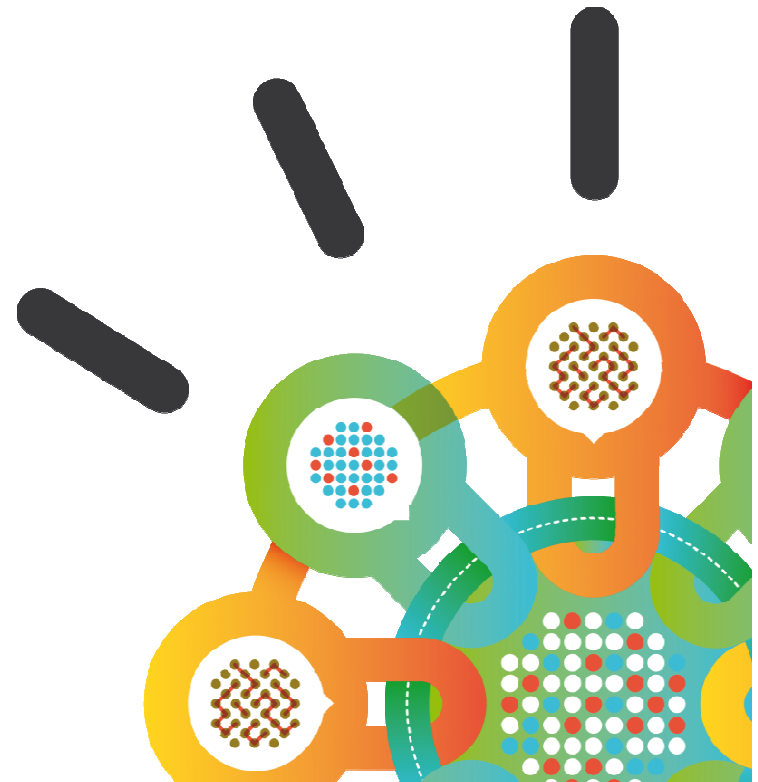


Security Intelligence.
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IBM Security Privileged Identity Manager

Mitigate Insider Threat



IBM Security Privileged Identity Manager

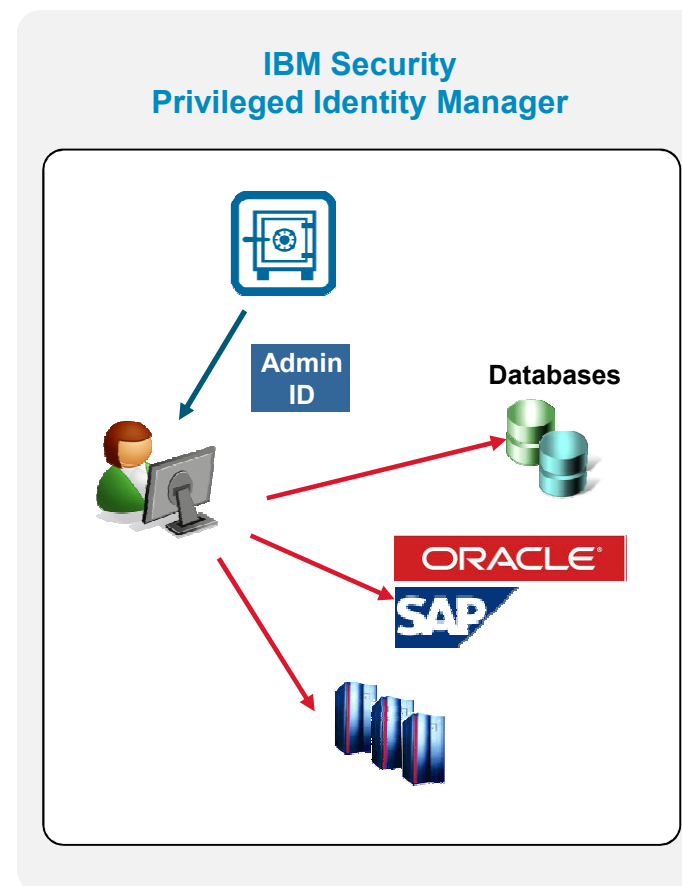
Centrally manage, audit and control shared identities across the enterprise

Key release highlights

- **Control shared access to sensitive UserIDs**
 - Check-in / check-out using secure credential vault
- **Request, approve and re-validate privileged access**
 - Reduce risk, enhance compliance
- **Track usage of shared identities**
 - Provide accountability
- **Automated password management**
 - Automated checkout of IDs, hide password from requesting employee, automate password reset to eliminate password theft

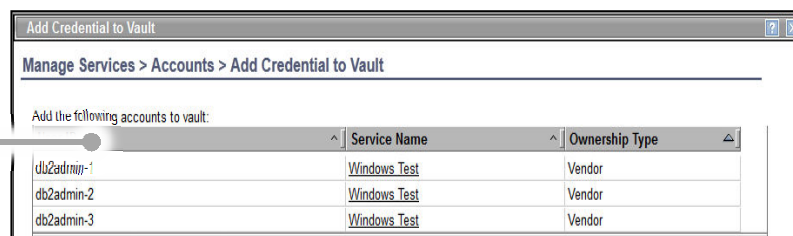
IBM security solution

- **New Privileged Identity Management (PIM) solution providing complete identity management and enterprise single sign-on capabilities for privileged users**



Ability to deliver effective privileged identity control with a secure vault and automated sign-on

1 Configure Privileged Account

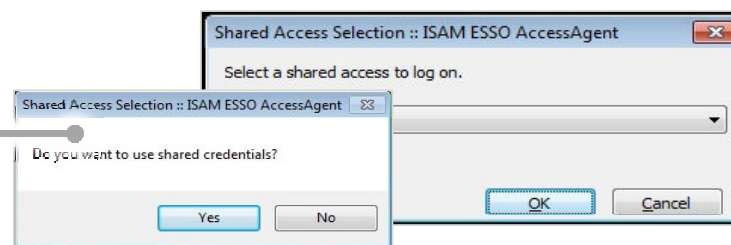


Manage Services > Accounts > Add Credential to Vault

Add the following accounts to vault:

	Service Name	Ownership Type
db2admin-1	Windows Test	Vendor
db2admin-2	Windows Test	Vendor
db2admin-3	Windows Test	Vendor

2 User's credential is automatically checked out of the vault and used to log user into privileged account. Credential is automatically checked in to vault upon logout

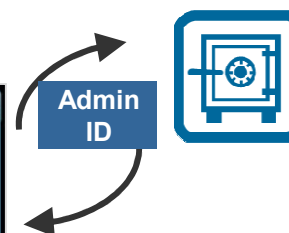


Shared Access Selection :: ISAM ESSO AccessAgent

Select a shared access to log on.

Do you want to use shared credentials?

Yes No OK Cancel



3 User activity is logged



Shared Access History

Start Date Jan 1, 1970 12:00 AM End Date Jul 27, 2012 11:59 PM

Shared Access History for Credential Pools

Service Business Unit	Organization
Service	Windows Test Service
Credential Pool	DB2Administrator on Windows
Credential Pool Owner	Name Type Business Unit
	Annie Lewis Person Organization

Credential	Credential Owner	Exclusiv Access	Action	Justification	Action Owner	Action Owner Business Unit	Time of Action
db2admin01	Annie Lewis	Yes	Checkout	checkin out the credential pool	James Smith		May 30, 2012 5:11 PM
db2admin01	Annie Lewis	Yes	View Password	checkin out the credential pool	James Smith		May 30, 2012 5:15 PM
db2admin01	Annie Lewis	Yes	View Password	checkin out the credential pool	James Smith		May 30, 2012 5:23 PM
db2admin01	Annie Lewis	Yes	Checkin	checkin out the credential pool	James Smith		May 30, 2012 5:27 PM

Built-on proven IBM Identity and Enterprise Single Sign-On capabilities and supports integrated deployment

IBM Security Privileged Identity Manager - Privileged Session Recorder

Improved governance and compliance via increased visibility into privileged activity

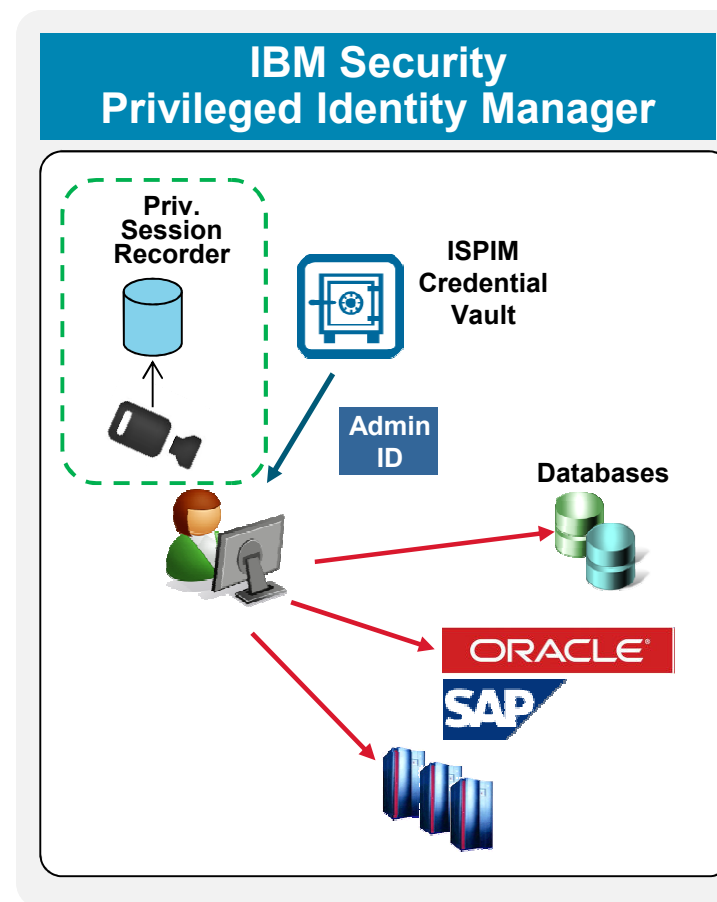
Key release highlights

New

- **Recording of user endpoint activity**
 - Triggered by credential checkout
 - Command line and GUI (e.g. Windows) activity recording
- **Storage of recordings for later playback**
 - Supports audit and troubleshooting
- **Flexible search for recordings**
 - By user, application, date or endpoint system

IBM Security solution

- **New Privileged Session Recorder provides visual recording of privileged user activities with on demand search and playback of stored recordings**
- **Improved IAM governance and compliance**
 - Meet government compliance requirements
 - Provide oversight of privileged user activity



Session Recording improves PIM governance

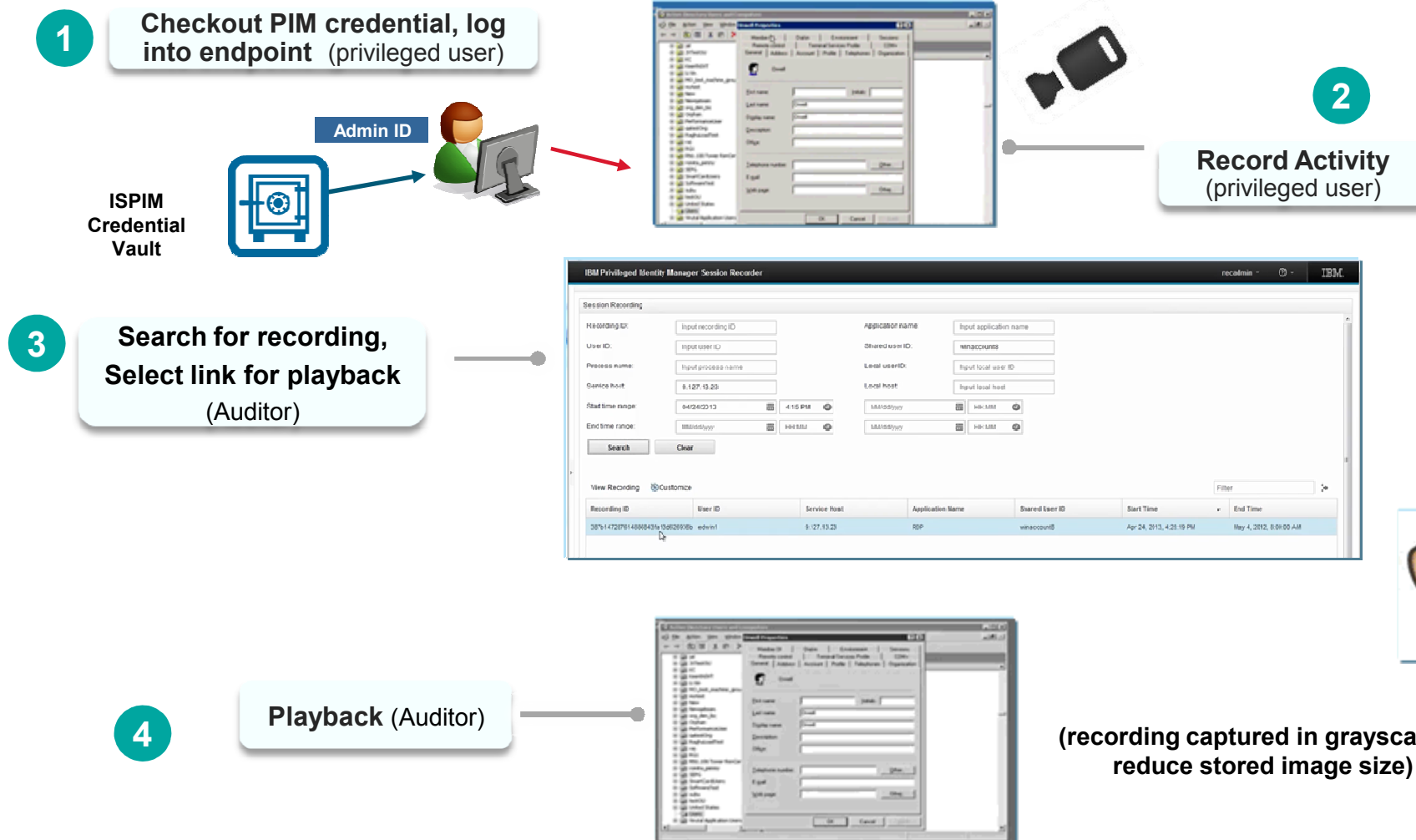
- What is Session recording?

- A virtual surveillance camera - visually captures everything on the screen during a privileged user session on the system - regulatory requirement
 - Stored for later playback - ability to search recordings
 - For audit, root cause analysis, forensics
- Optional add on to base PIM implementation

- Why Session Recording?

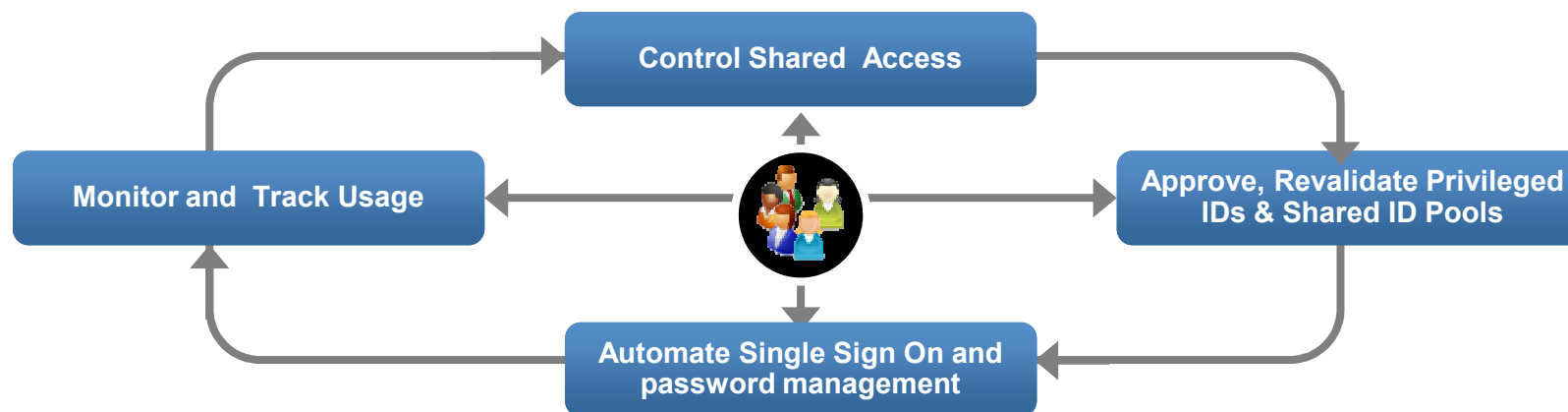
- Compliance: Many regulatory authorities worldwide require organizations to monitor privileged user activity
 - Ex: Singapore Internet Banking and Technology Risk Management law (for banks) “Vendors and contractors are disallowed from gaining privileged access to systems without close supervision and monitoring.” (Telecom Regulatory Authority of India is similar)
- Troubleshooting/forensics: can see exactly what was done on a troubled endpoint

Improving compliance and troubleshooting with detailed recording and playback of user endpoint activity



Flexible activity recording and playback - supports compliance

Summary: IBM provides a comprehensive solution to securely control privileged identity use



Capability	Benefit
Centralize Privileged ID management	Improves IT governance and reduces risk
New: Session Recording for visual activity monitoring	Strengthens compliance and auditability
Securely share privileged identities	Avoids the high cost of identity proliferation
Automate sign on and check-in/out with strong authentication support	Increases security
Wide variety of out-of-the-box adapters and preconfigured access profiles	Improves time to value
Full Identity Management and ESSO capabilities	Provides comprehensive solution for privileged users
Easily expand existing IBM IAM environments to add PIM	Common identity infrastructure for privileged and non-privileged users reduces operations costs

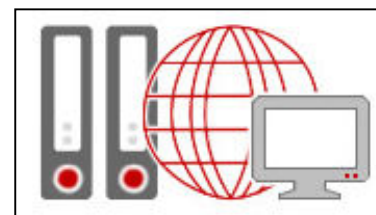
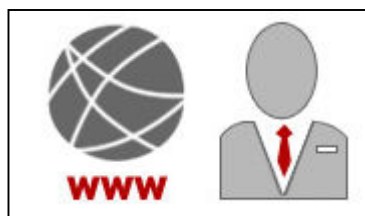


Securing Privileged Identities: An international telecommunications company increases privileged user security and mitigates insider threat

A growing international telecommunications firm plans to manage

250

privileged users



Business challenge:

- Ensure privileged user accesses maintain the compliance posture required by regulatory bodies
- Automate manual lifecycle management of privileged Ids
- Insecure spreadsheet used for tracking privileged id's inherently not secure

Solution: (IBM Security Privileged Identity Manager)

- Increased security by restricting visibility of sensitive login credentials to users
- Provided a central auditable and control point of privileged Ids
- Reduced Help Desk costs with single sign-on and automated password resets

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Thank You

