

Pulse

IBM SolutionsConnect 2013

Identity and Access Management

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12/06/13



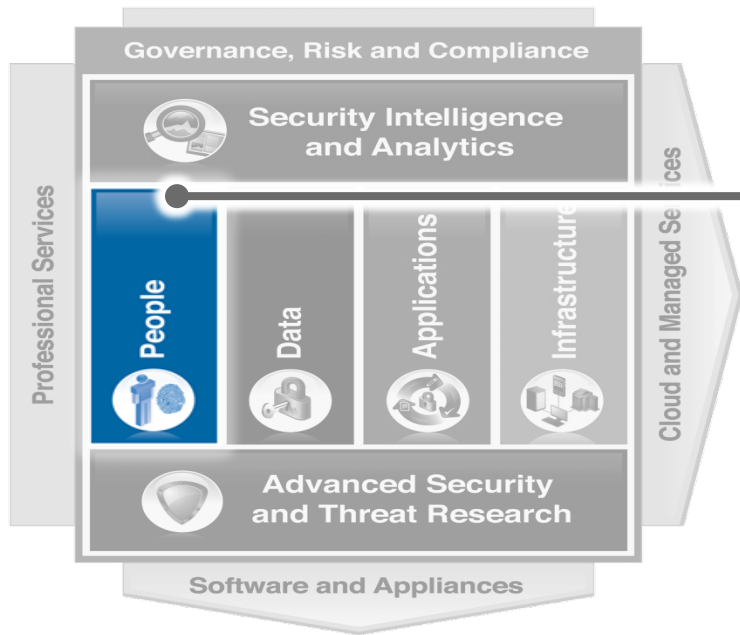


Agenda

- IAM Today
- IAM for a Multi-Perimeter World
- Discussion with Macquarie Bank



Introduced new IBM IAM capabilities



Portfolio Overview

IBM Security Identity Manager

- Automate the creation, modification, and termination of users throughout the entire lifecycle
- Identity control including role management and auditing and Privileged Identity Management

IBM Security Access Manager

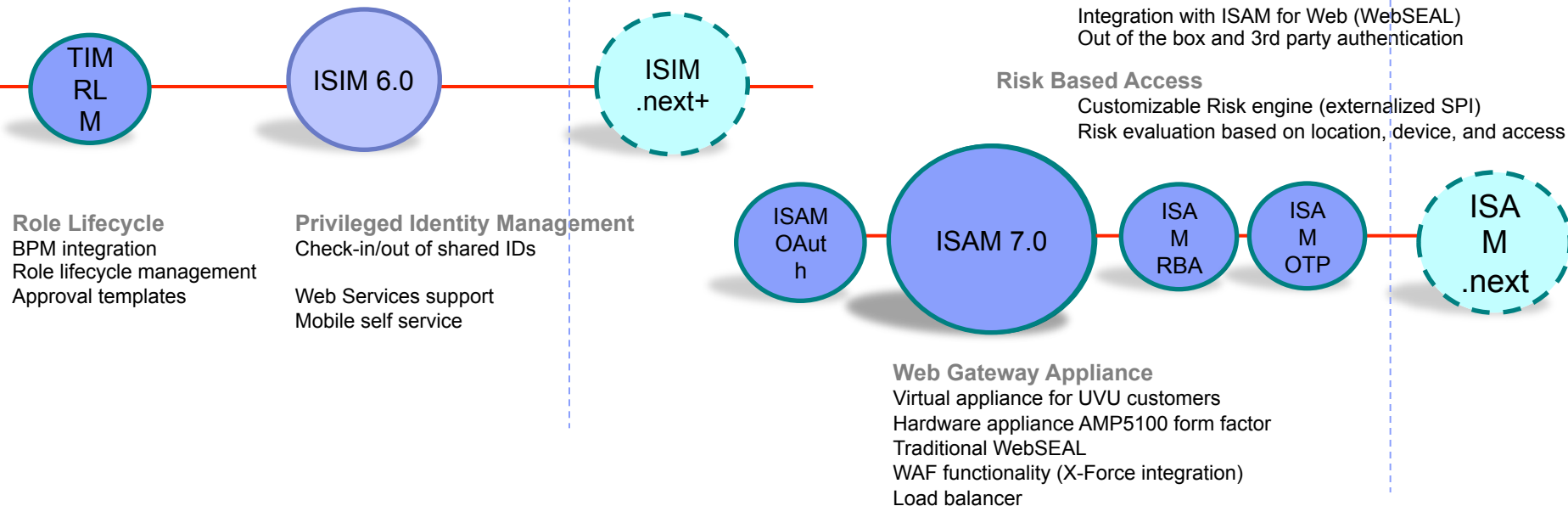
- Automates sign-on and authentication to enterprise web applications and services
- Entitlement management for fine-grained access enforcement

IBM Security zSecure suite

- User friendly layer over RACF to improve administration and reporting
- Monitor, audit and report on security events and exposures on mainframes.

Manage Enterprise Identity Context Across All Security Domains

Identity and Access Governance Product Specific Deliverables





Ability to secure user access and protect from web attacks

1

Secure Access and Content Protection



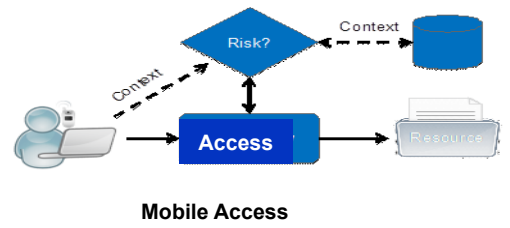
2

Cloud Access and Collaboration



3

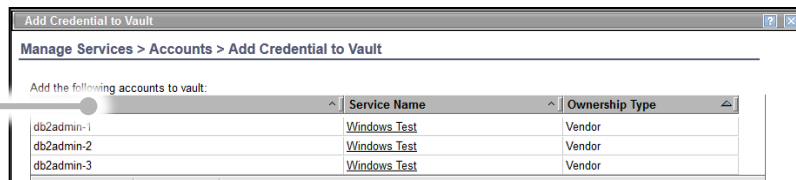
Risk-based Access



Access Management in a multi-perimeter world
Integrated Web Access and Content Protection in a Single Appliance

Ability to deliver effective privileged identity control

1 Configure Privileged Account

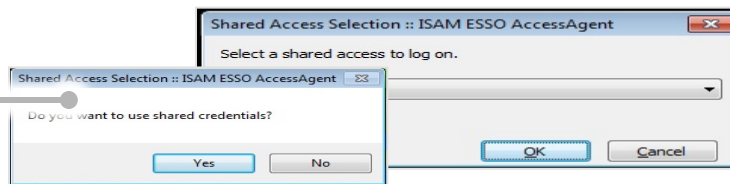


Manage Services > Accounts > Add Credential to Vault

Add the following accounts to vault:

| Service Name | Ownership Type |
|--------------|----------------|
| db2admin-1 | Windows_Test |
| db2admin-2 | Windows_Test |
| db2admin-3 | Windows_Test |

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.

Shared Access Selection :: ISAM ESSO AccessAgent

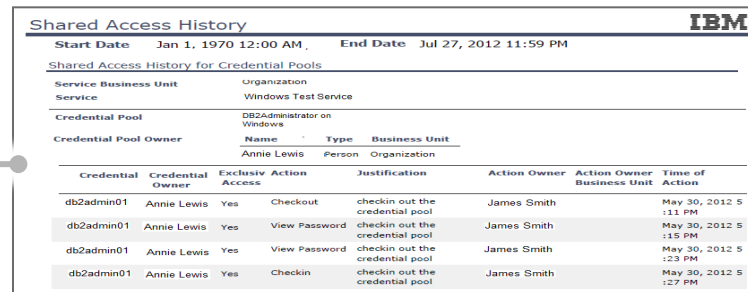
Do you want to use shared credentials?

Yes No OK Cancel

Admin ID



3 User activity is logged



Shared Access History IBM.

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

Shared Access History for Credential Pools

| Credential | Credential Owner | Exclusivity | 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 |

Identity Management in a multi-perimeter world
Controlling privileged user access across multiple domains



An Interview with Aran Flanagan

Division Director Digital Strategy and Delivery
Macquarie Group Limited
Corporate Operations Group
Corporate Delivery





Innovative Customer Use Cases

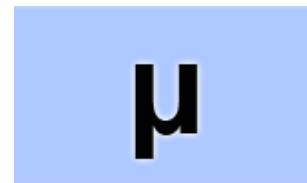




Micro Payments leveraging open Security Standards

- Over 20 million subscribers to Telecommunications company
- Dominated by pre-paid customers, mostly customers with no credit card access
- Requirement to use pre-paid SIM card credit for purchase of Apps and App features

- Solution
 - IBM Security Access Manager Web Gateway Appliance with custom authentication application
 - IBM Datapower for stateless service hosting
 - IBM Security Access Manager for OAuth token flow support and self care capabilities
 - Integration with available interfaces for data store persistence





Moving Intranet Applications to the Internet

- Application managed within identity system to be provided to the intranet
- Internal security groups mandate:
 - Two factor authentication for access
 - Users must provide proof of identity to register for Internet access
 - User self care with two factor authentication integrated
- Solution
 - IBM Security Access Manager for Web
 - IBM Security Access Manager Federated component for two factor authentication
 - IBM Security Access Manager Federated component for user self care
 - IBM Security Access Manager for OAuth token flow support and self care capabilities
 - Integration with available interfaces for data store persistence





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