CA information security update

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Agenda

- Arcot
- Identity Lifecycle Management update
- ELM update
- AccessControl update

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Arcot

Arcot

- Acquisition
  - ArcotID provides a unique and patented file-based software approach to the protection of the private key of aPublic Key Infrastructure (PKI) key pair
  - WebFort is solution's authentication server providing complete authentication solution – can support PKI, OTP, RADIUS or SAML
  - SignFort - Arcot signing and authentication technology is embedded in Adobe® Acrobat® and Reader®.

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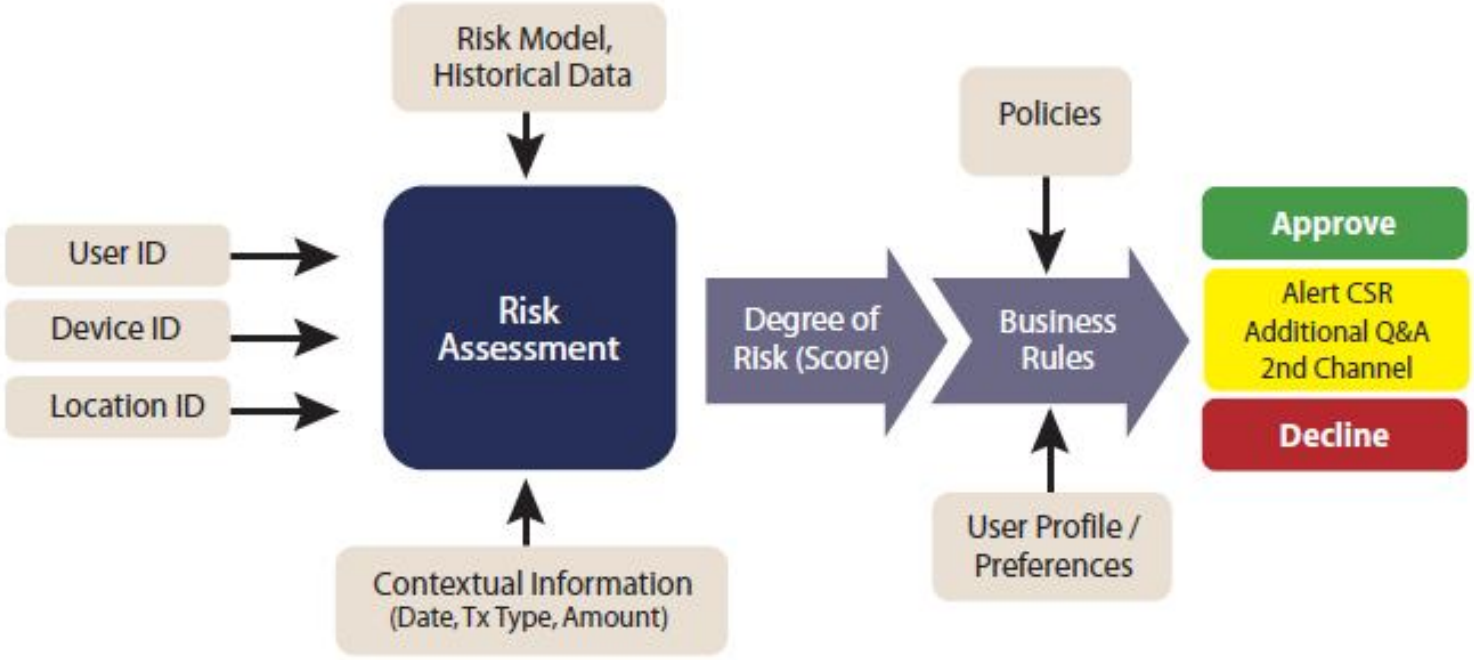
Arcot - RiskFort

— Defense against on-line fraud

— Uses statistical techniques, such as Bayesian modeling, to compare each transaction against a scoring formula.

— RiskFort periodically updates the formula, based on recent fraud and transaction data.



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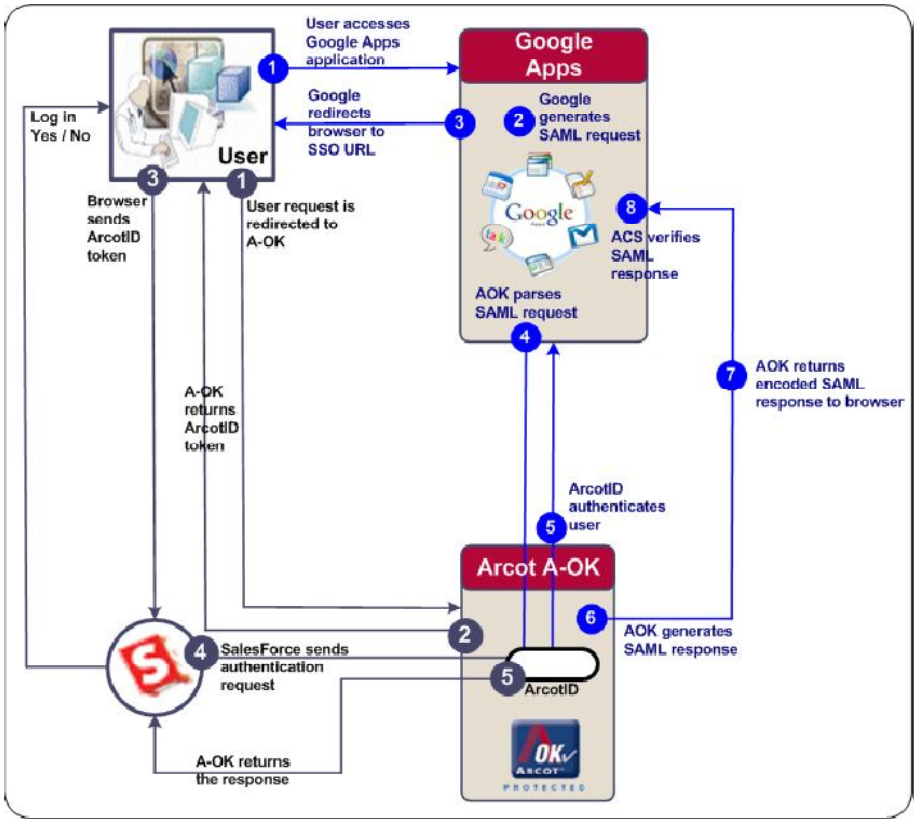
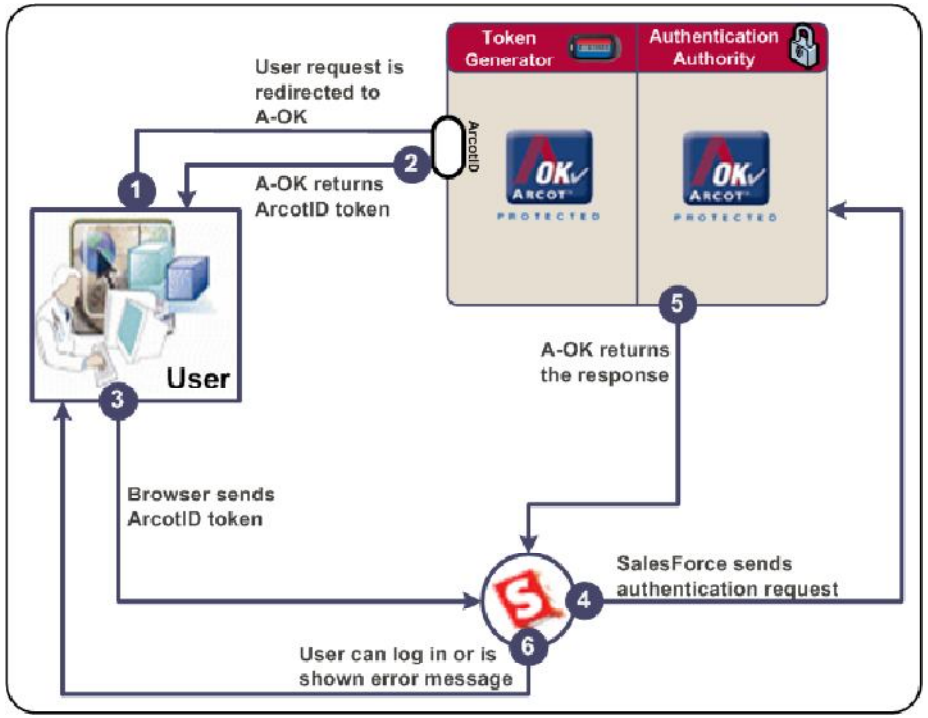
Arcot – A-OK cloud authentication





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Identity Lifecycle Management update

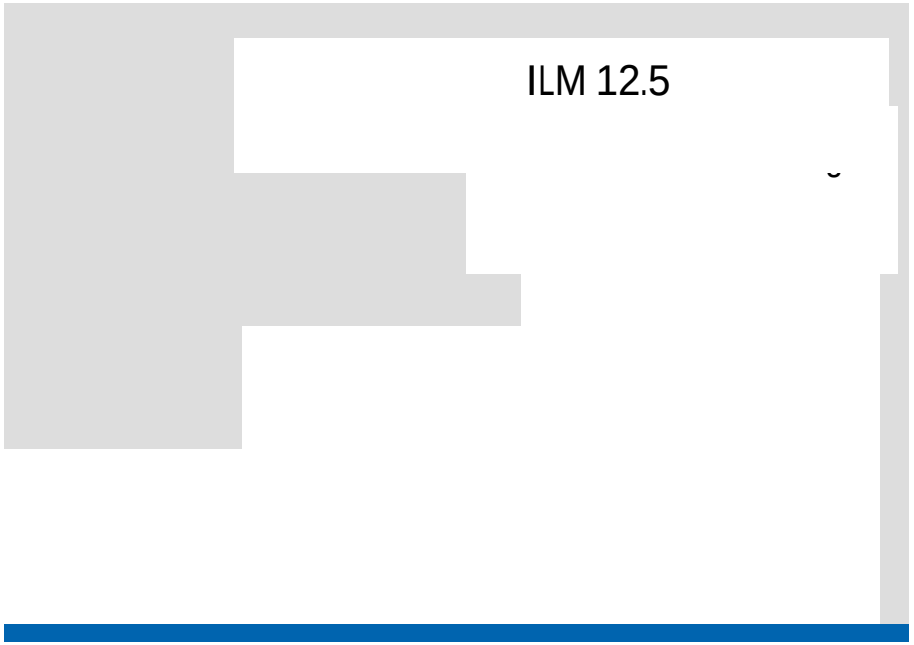
ILM evolution

Enabling the next generation of Identity Lifecycle Management

- Embedding real-time identity analytics to supplement process automation with advanced decision support

- Further enhancing automated ILM processes with:
  - Compliance policy checking
  - Role analytics

- Sample use cases:
  - Preventative compliance
  - Out-of-pattern alerting
  - Suggested roles



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Preventative Identity policies

Proactive Check/Control of SoD violation

- Value for client
  - Policies are provided before the task is executed – preventative measure
  - Allows to authorized business user to check the employee assignment against business SOD rules proactively
  - Activities based on positive violation check
    - Accept
    - Reject
    - Warning with policy-based workflow process triggering

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Smart provisioning enhancement

Reducing the time of the business approval process during the provisioning.

- Value for client
  - Authorized business user can ask for recommended roles based of the user profile/attributes
  - Can be based on the current position and/or other team member roles based on direct communication with RCM

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Policy Xpress

Wizard GUI driven flexible integration without programming

- Value for client
  - Rapidnes of the implementation, reduce the implementation time
  - Moving customization from the low level-programming to wizard driven activities/policies generator
  - Reducing the TCO – lower the mandays needed for customization demands.
  - Reduce the need of custom code development ot minimum. Customizations are handled as "policies"
  - Increase of the user friendliness of the solution

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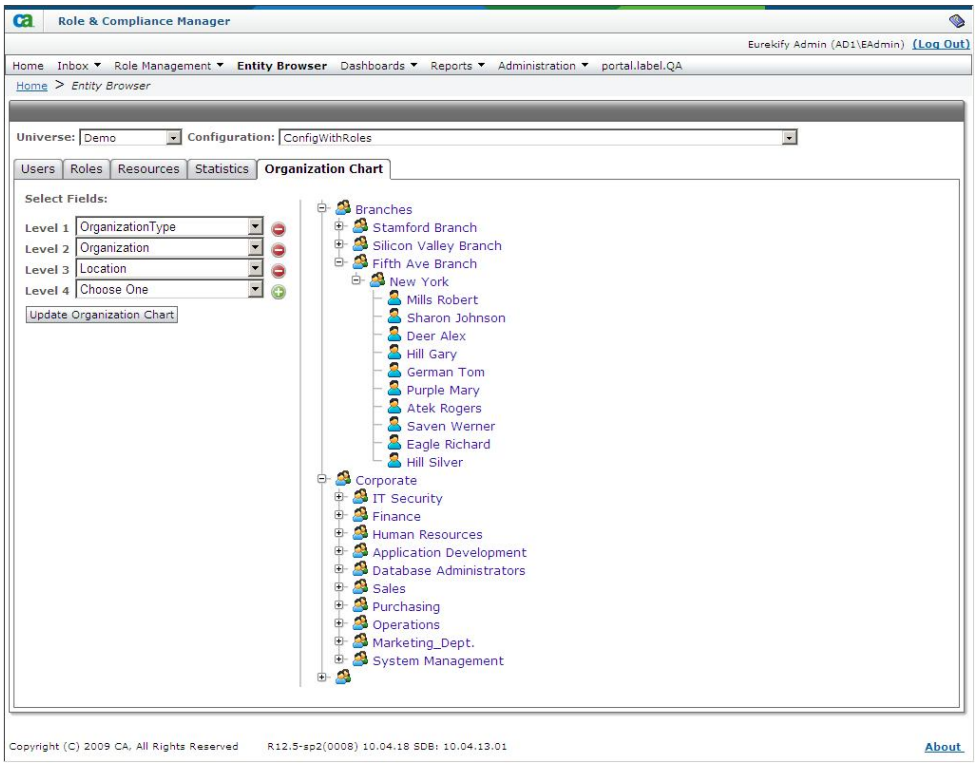
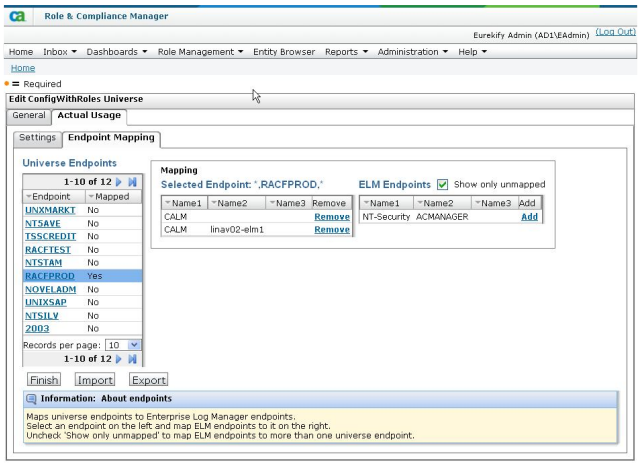
RCM GUI enhancements

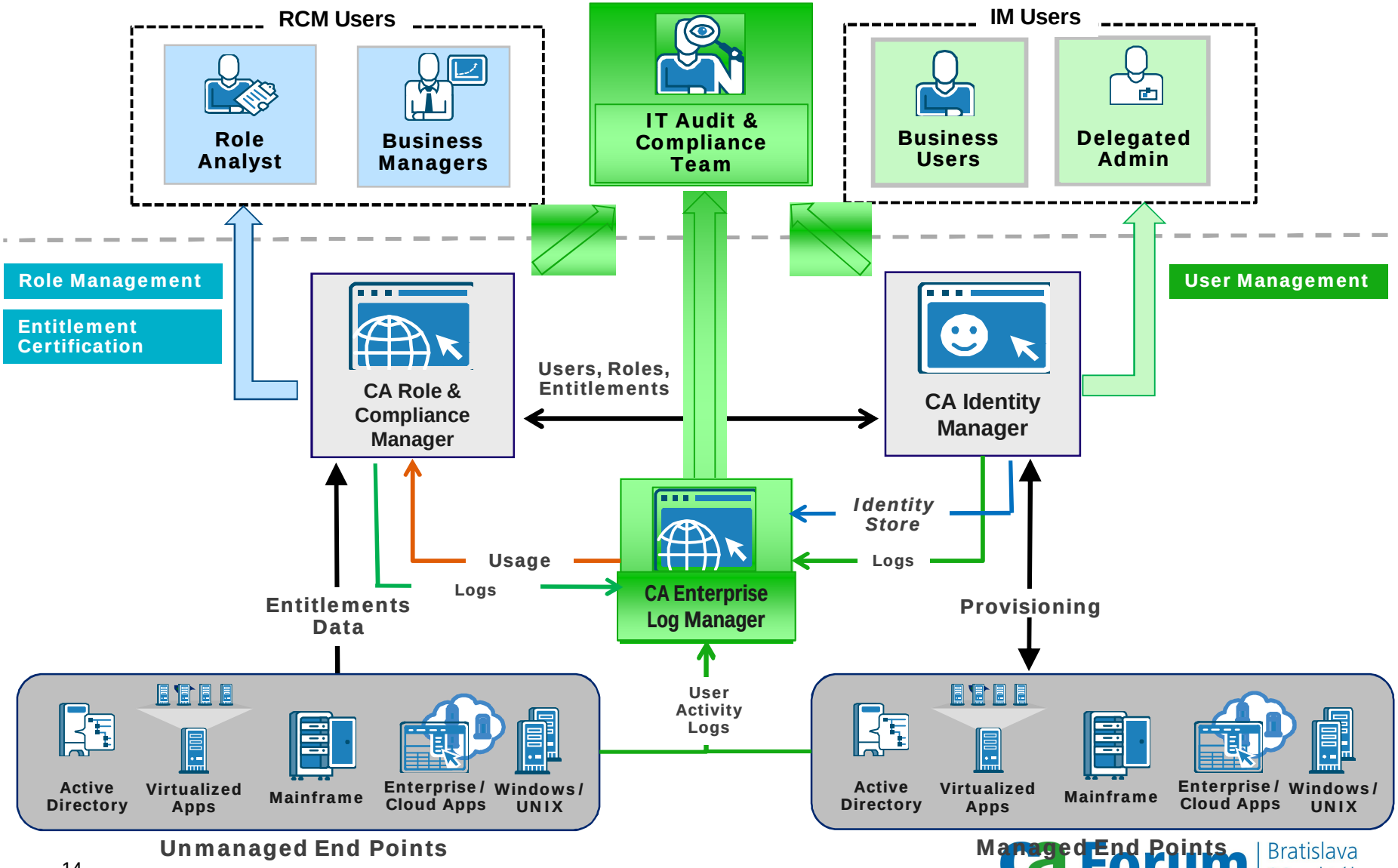


New sneak-peek screenshot



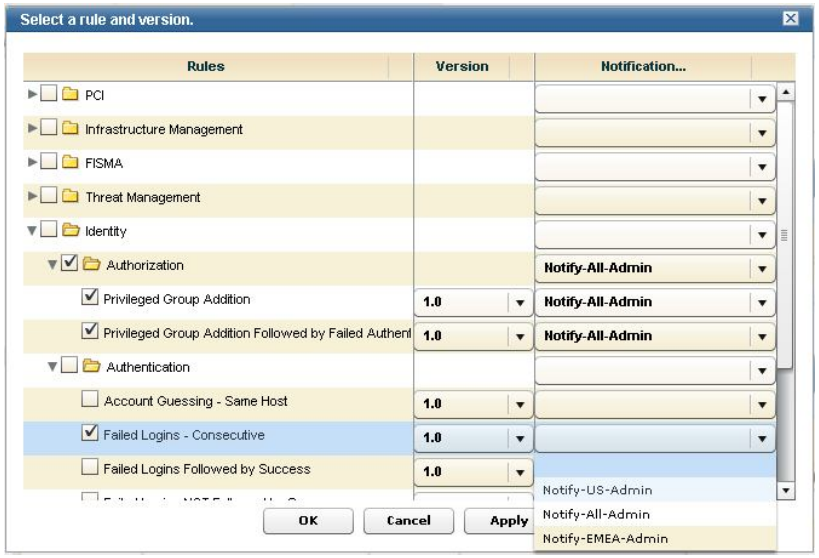
Enterprise Log Manager

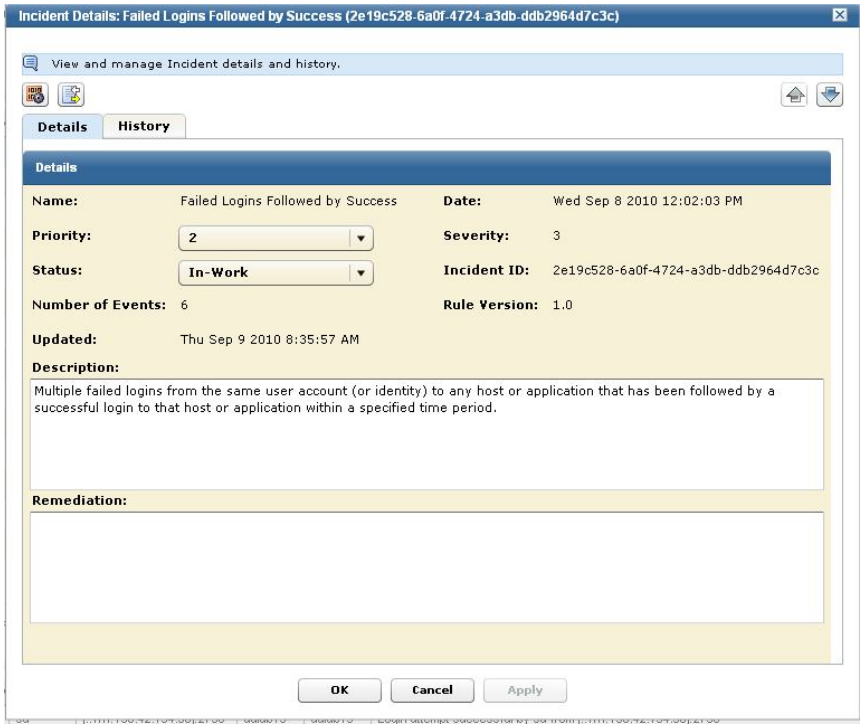
ELM


RCM Users
Role Analyst
Business Managers
IT Audit & Compliance Team
IM Users
Business Users
Delegated Admin
Role Management
Entitlement Certification
User Management
CA Role & Compliance Manager
Users, Roles, Entitlements
CA Identity Manager
Identity Store
Logs
Usage
Logs
CA Enterprise Log Manager
Entitlements Data
Provisioning
User Activity Logs
Active Directory
Virtualized Apps
Mainframe
Enterprise / Cloud Apps
Windows / UNIX
Unmanaged End Points
Active Directory
Virtualized Apps
Mainframe
Enterprise / Cloud Apps
Windows / UNIX
Managed End Points

ELM - 12.5 Beta

- Correlation
- Incident Management





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AccessControl

CA Solution Overview

UNIX Authentication Broker

- Centralize UNIX Administration
- Active Directory Authentication
- Native Integration with AD

Privileged User Password Manager

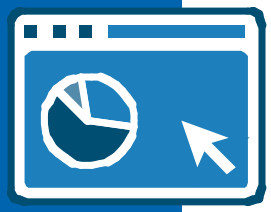
- Control Access to Shared Accounts
- Break Glass Access Request
- Accountability of Shared Account Access

Access Control

- Manage Fine-Grained Access Policies
- Segregation of Duty
- Server Security (Physical/Virtual)
- Auditing Privileged Access

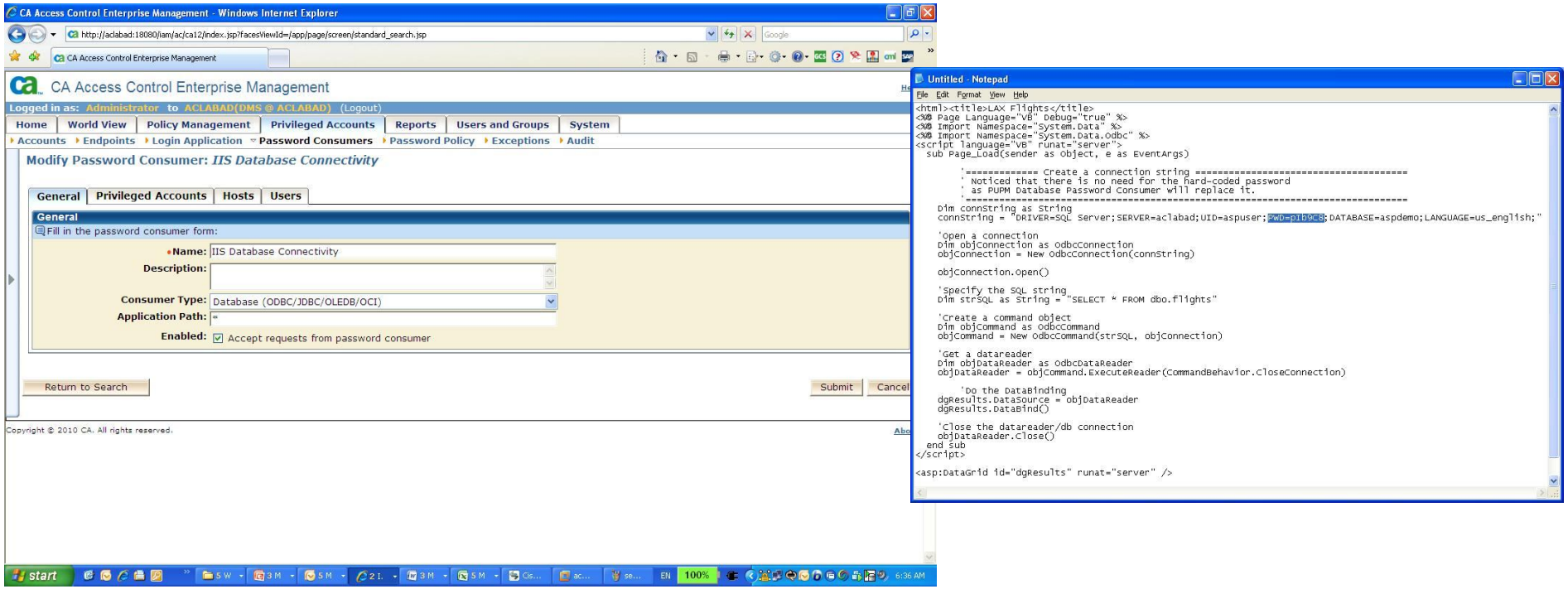
CA ELM (Limited License)

- Centrally Manage Audit Logs
- Compliance Reporting



12.5 SP3 positions Access Control as a PUPM best-of-breed

- PUPM for Applications IDs to Databases
  - Manage passwords of applications using ODBC or JDBC
  - Does not require changes to the applications



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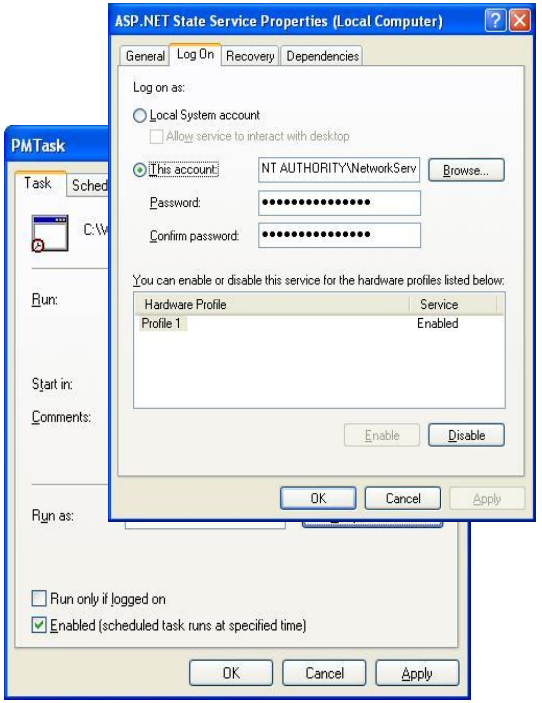
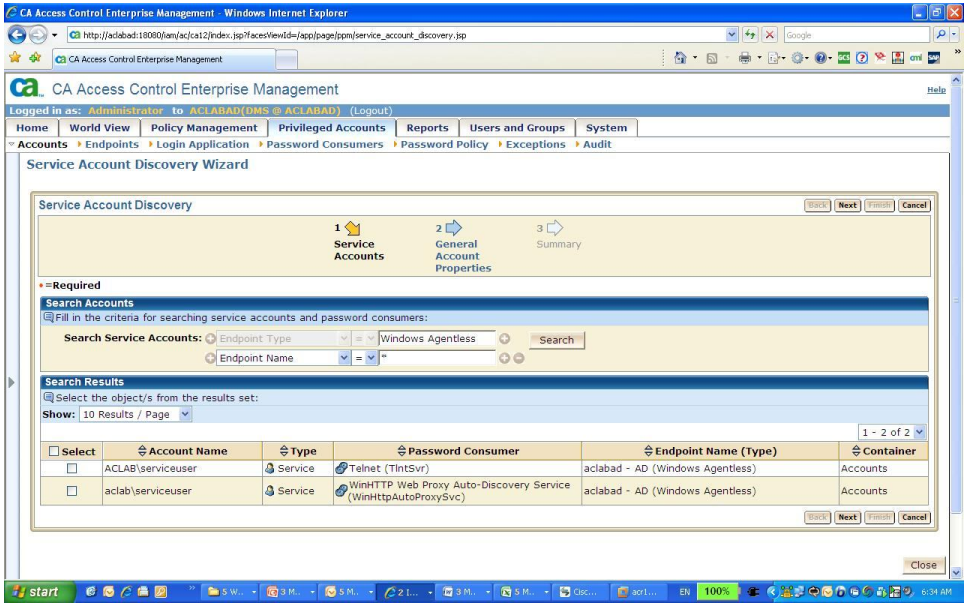
12.5 SP3 positions Access Control as a PUPM best-of-breed

- PUPM for Windows Services and Scheduled Tasks IDs
  - Agent-less automatic discovery and management with remote WMI





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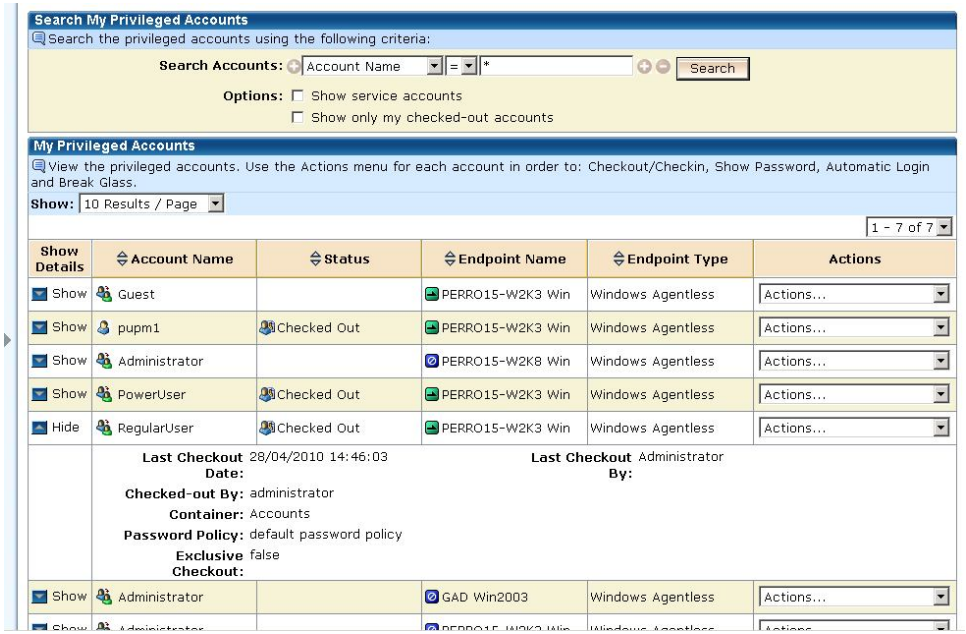
12.5 SP3 positions Access Control as a PUPM best-of-breed

- Automatic login to PUPM
  - Tracking the original ID through advanced AC integration
  - Seamless login to managed systems without exposing the password
  - Session Recording (through 3rd party integration)



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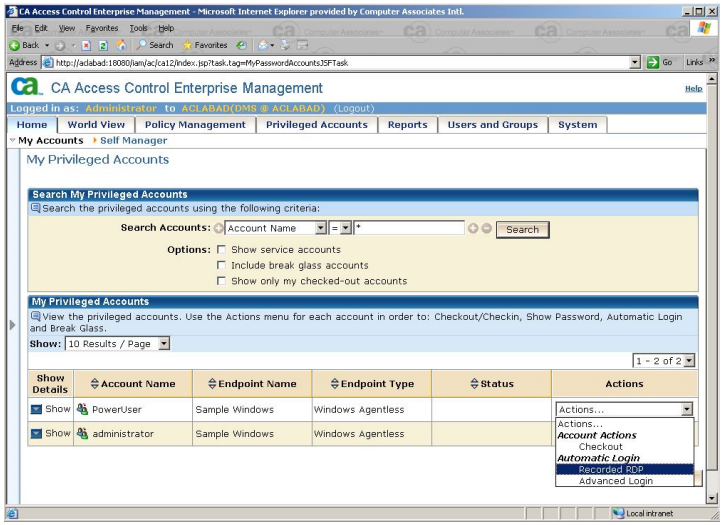
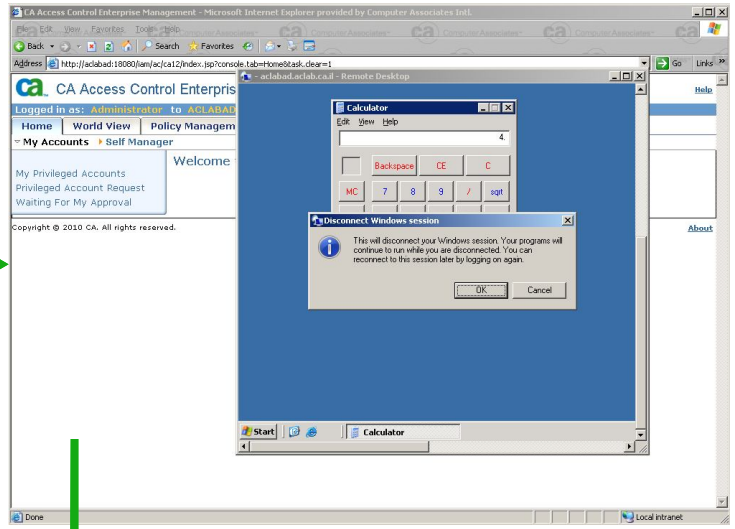
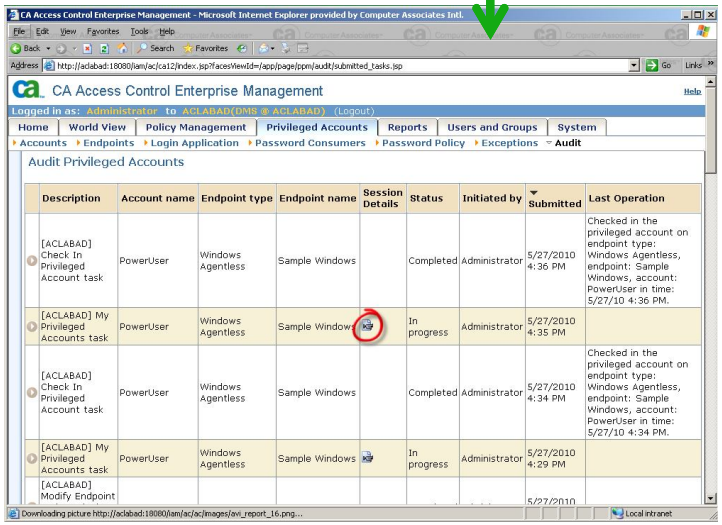
12.5 SP3 session recording







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12.5 SP3 adds additional enhancements to UNIX security

- Kerberos-based Single Sign On for UNAB
  - Seamless login from or to windows and to other UNIX through Kerberos enabled applications
  - Leverage the native UNIX Kerberos key store
  - Integrates with AD Kerberos
- UNIX Keyboard Logger – AC Trace enhancements
  - Enhanced Trace to record interactive sessions for improved compliance
  - Session summary reports on ELM

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thank you