GRC Innovations: A Preview of Access Control 10.1

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What are the top issues in managing access risk?

- Internal policies
- Process efficiency
- Provisioning
- Cross-application access
- Emergency access
- SRM
- Regulations
- Manual processes
- Segregation of duties
- SOX
- Audit
- Workflow
- Big-data
- Business ownership
- Controls
- Landscape complexity
- High cost
- Changing workforce
- Violations
- ERP
- Risk
- Move
- Migration
- Role management
- Security
- Marketing
- Strategy
- Embedded UI
- Breach
- HCM
- Visibility
- Compliance
- User access reviews
- Transaction usage
Why is managing access risk so hard?

- Fragmented approach to managing access risk
- Inefficient and costly manual processes
- Lack of visibility into user access and access risk
- Inability to prevent access risk violations
SAP Access Control
Manage access risk and prevent fraud

Monitor emergency access and transaction usage

Certify access assignments are still warranted

Define and maintain roles in business terms

Analyze Risk
Certify Authorizations
Maintain Roles
Manage Access
Monitor privileges

Find and remediate SoD and critical access violations

Automate access assignments across SAP and non-SAP systems

Legacy
Oracle
SAP Access Control

• What’s Planned for SAP Access Control 10.1
SAP Access Control 10.1
High-level overview of planned innovations

- Enhanced User Interface
- Context-Based Side Panels
- New Access Request and Approval Forms
- Remediation View
- Custom User Groups
- Reporting and Dashboard Authorization
- Access Approver on Android (March 2013)

- System-Specific Org Rule Analysis
- Org Rule Maintenance Wizard
- Decentralized Firefighting (SAP Access Control 10.0 and 10.1)
- Dashboard Drill Through and Analysis
- Operational Data Provider (ODP)
- Role Search Personalization
- Business Role Improvements
1. SAP AC on HANA
   - AC uses HANA as the underlying database

2. SAP AC to HANA applications
   - Use AC to run risk analysis and provisioning to HANA DB and applications

3. SAP HANA for SAP AC Role Analytics
   - HANA-based analytic application for gaining insight into role usage

4. SAP HANA Analytics Foundation (HAF) for SAP GRC
   - Virtual Data Model and Content for SAP GRC
Planned Innovation

- New user interface theme “Corbu”
  - Modern and neutral design
- Contextual information and analysis included within the page
  - Access Risk IDs
  - Remediation View
  - Additional views planned for 10.1
Planned Innovations

- Fine-grained report and dashboard authorization
- Enhanced drill-downs
  - Improved data selection in risk analysis dashboards
- Real-time or scheduled batch risk analysis from report results
Planned Innovations

- Define custom groups from risk analysis definition
  - Back-end access not required
  - Search user maintenance (SU01) and define custom group
- Repurpose groups for future use
- Session-specific, create ad hoc custom groups
- Access is controlled by authorization
Remediation View – unified remediation processes from one location

- Mitigate at the risk and rule-level
- Remove or delimit roles from the analysis results
- View side panel details about user, risk, rule, and access assignment (role or profile)
- Embedded side-panels
Remediation View – unified remediation processes from one location

- Mitigate at the risk and rule-level
- Remove or delimit roles from the analysis results
- View side panel details about user, risk, rule, and access assignment (role or profile)
- Embedded side-panels (cont.)
Planned Innovations

- Org rule wizard
  - Speeds the process of creating org rules and eliminates invalid entries
- System-specific org rules
  - Applies org rules only when needed depending on system
  - Improves performance

Select system and rule set

Select Org Level from existing risk and permissions

Retrieve org-level combinations

Select relevant combinations

Generate rules

SAP ERP
SAP GRC 10.0 SP10 and 10.1 central and local firefighting

**SAP GRC 10.0**

- **Admin**
- **Owner/Controller**
- **Firefighter**

**SAP GRC 10**

- Central administration and configuration
- Central reporting
- Central firefighter logon

**ERP 01**

**ERP 02**

**SAP GRC 10.0 SP10 & 10.1**

- **Admin/Approver**
- **Owner/Controller**
- **Firefighter**

**+**

**ERP 01**

- Direct Logon
  - Local firefighter logon
  - Minor administration

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Planned Innovations

- New access request and approver forms
  - Streamlined interface
  - Improved search
  - Embedded side-panels
- Existing form customization improvement
  - Role search improvements, i.e., defaults, hidden fields, custom fields
- Environment support for business roles
Operational Data Provider

- Enables operational analytics directly on SAP GRC data
- Data can be indexed in SAP HANA database or SAP NetWeaver® BW for faster access
- Support a variety of analytical tools and user interfaces
- Integration with enterprise search

<table>
<thead>
<tr>
<th>Operational Data Provider ...</th>
<th>Ideal for ...</th>
<th>Not well suited for ...</th>
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</thead>
<tbody>
<tr>
<td>Enables operational analytics directly on SAP GRC data</td>
<td>Reporting and analysis based on application data model</td>
<td>Reporting on very large data volumes</td>
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<tr>
<td>Data can be indexed in SAP HANA database or SAP NetWeaver® BW for faster access</td>
<td>Ad hoc reporting using the analytical queries by business users</td>
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<td>Support a variety of analytical tools and user interfaces</td>
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Standard application capability leveraging SAP NetWeaver BW 7.31
Enables users to create and modify dashboards/reports using a variety of SAP BI tools
SAP Access Control powered by SAP HANA

- **Virtual Data Model (VDM)**
  A set of *Access Control* query views that can be consumed directly by SAP BusinessObjects clients, such as Explorer, Analysis Edition for MS Office, and Crystal Reports

- **SAP Access Control Role Analytics application**
  SAP HANA-designed application offers analysis of Unused, Actively Used, and Orphaned roles

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- SAP AC powered by SAP HANA – SAP HANA as the DB
  - Enable Access controls to run with SAP HANA as DB
  - Optimize some of the High volume processes to take advantage of SAP HANA

- SAP AC support for SAP HANA applications (Risk Analysis and Provisioning)
  - SAP HANA user provisioning to use SAP HANA-based applications.
  - Access to assignment of users on SAP HANA (Analytical Privileges and Roles)
  - Perform risk analysis for SAP HANA-based authorizations to avoid SoD conflicts
Demonstration
Access Control 10.1
The SAP Access Control rapid deployment solution will get you up and running on Access Control in 7 weeks for a fixed price.


Visit the SAP Community Network for Access Control best practice documentation and getting started guides

Access Control is the best way to govern system access in your environment.

Access Control 10.1 planned features include HANA integration and platform support, Access Control HANA analytics, new access request and approver forms, and other innovative product innovations.

Access Control 10.1 is scheduled for ramp-up in late Spring 2013.
Questions?

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