ORACLE IDENTITY ANALYTICS

KEY FEATURES AND BENEFITS

IDENTITY INTELLIGENCE, POWERED BY RICH IDENTITY ANALYTICS AND RISK AGGREGATION

360-DEGREE VIEW OF ACCESS DATA THROUGH MULTI-LEVEL ATTESTATION

ROLE-BASED ACCESS CONTROL AND IDENTITY-BASED CONTROLS AUTOMATION

MULTI-MILLION USER SUPPORT WITH HIGH PERFORMANCE

 AUTOMATED REMOVAL OF UNAUTHORIZED ACCESS TRHOUGH OUT OF BOX INTEGRATION WITH ORACLE IDENTITY MANAGER AND ORACLE WAVESET

COMPLETE ROLE LIFECYCLE MANAGEMENT

PREVENTIVE SIMULATION AND DETECTIVE CONTROLS FOR SEGREGATION OF DUTIES

COMPLIANCE AND OPERATIONAL DASHBOARDS

BUSINESS-CENTRIC INTERFACE

IDENTITY WAREHOUSE WITH BUSINESS FRIENDLY GLOSSARY

For many enterprises, compliance is an ongoing challenge that is increasingly difficult to master as regulatory requirements continue to grow and change. The need to perform multiple, difficult tasks — such as certifying access, enforcing security policy, and remediating policy violations — is compounded by the reliance on slow, error-prone manual processes to handle them. These issues, coupled with the lack of a comprehensive, cohesive approach to compliance and auditing, make it nearly impossible to address the challenge in an effective, scalable, sustainable and cost-efficient manner. As a result, enterprises are in the unenviable position of committing significant resources to compliance efforts with little assurance that they will prove successful.

Oracle Identity Analytics

Oracle Identity Analytics is a robust identity and access governance solution that provides enterprises with the ability to monitor, analyze, review and govern user access in order to mitigate risk, build transparency and satisfy compliance mandates. With advanced identity analytics and automated identity-based controls, the software continues to deliver value throughout the user access lifecycle by:

- Providing a complete view of access-related data that includes the user's access; the "why and how" of that access and if the access violates policies.

- Automating the certification process & removing inappropriate access

- Providing evidence that access is compliant to established policies.

- Enabling changes in access based on changes in users' roles to minimize the disruptive effects of change on user productivity

Identity Warehouse

Identity Warehouse is the central repository that contains identity, access and audit data, optimized for complex analytical queries and simulations. This data is imported from one or more databases within your organization on a scheduled basis. The Oracle Identity Analytics import engine supports complex entitlement feeds saved as either text files or XML. A glossary entry, defined as a business friendly term for typically cryptic IT entitlements, can also be captured during the import process enabling business users to view and analyze user's access rights in a business-friendly way. Oracle Identity Analytics provides strong and robust integration capabilities with the provisioning products including Oracle Identity Manager and Oracle Waveset. The integration focuses on synchronization of

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common identity data with well-defined authoritative ownership of each entity.

Attestation of Access Rights

Oracle Identity Analytics reduces operational risk exposure by providing a 360-degree view of users' access – not just who has access to what, but whether access was appropriately assigned and how it is being used. Oracle Identity Analytics securely automates existing manual re-certification or attestation processes for certifying the user access rights by business managers and application owners, and introducing a unique risk-based view of reviewing user access rights, where these reviewers can focus on high risk users and make educated certification decisions. This significantly reduces costs associated with existing manual controls and enhances audit effectiveness, resulting in enforcement of "least privilege" across the enterprise, making it a truly sustainable exercise. The solution includes capabilities to:

1. Automatically collect, correlate and audit the identity data from multiple enterprise resources.

2. Dynamically generate risk-based certification populations to ensure that certifications are performed by the appropriate business & application owners.

3. Aggregate Identity Risk and provide an intelligent Sign-Off User Experience to business reviewers, taking into account last attestation histories, open audit violations and provisioning audit trails, i.e. identifying *How* resources and roles are being provisioned to users.

4. 360-degree view of assigned access which goes beyond "who has access to what" to reveal what was done with the access, including policy violations and potential violations. This allows reviewers to make intelligent decisions concerning user access.

5. Closed Loop Remediation which provides an automated, end-to-end solution for reviewing and revoking access and automatically verifies remediation and sends alerts if remediation does not take place.

6. Data Owner Certifications which provides a bottom up view of user entitlements to designated Data Owners allowing them to make accurate decisions.

7. Certification of role definitions allowing business users to ensure that role and policy definitions continue to comply with corporate policies.

Segregation of Duties Monitoring

Segregation of duties (SoD) enforcement prevents users from intentionally or inadvertently breaching security policy by having a conflicting combination of roles or entitlements. SoD enforcement directly impacts an organization¹s ability to comply with explicit requirements of the Sarbanes-Oxley Act and multiple other regulatory mandates aimed at ensuring the integrity of enterprise financial operations. Oracle Identity Analytics offers the following for SoD policy enforcement:

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1. Define SoD policies at roles or entitlement level within an application or across applications.

2. Automatically identify imminent violations when users are provisioned especially after job changes that may affect their duties.

3. Integrate with Oracle Identity Manager and Oracle Waveset to allow preventive simulation of SoD policies enabling compliant provisioning.

4. Maintain an ongoing record of activities with the potential impact to SoD, such as job changes and password reset.

5. Record and notify management of all attempts to access confidential, restricted, or other sensitive enterprise resources

Analytical Dashboards & Reports

Oracle Identity Analytics provides comprehensive dashboards and reporting capabilities based on user identity, access and audit data residing in the Identity Warehouse. Oracle Identity Analytics provides various compliance and operational dashboards for a quick review of compliance and operational status in context of roles, segregation of duty policies, audit policies and other controls. While compliance dashboards are typically used for executive level compliance monitoring, detailed out of box reports enables IT staff, business users and auditors to structurally analyze the warehouse data.. The dashboards can further be customized for business users, compliance and audit officers and other end users on need basis. While Oracle Identity Analytics provides close to 50 out of box reports, its data dictionary is published to allow customers to extend these reports and build custom reports.

Role Lifecycle Management

Roles defined across an enterprise are subject to evolve over time, and require a robust administration and audit process. Oracle Identity Analytics provides role approvals upon detection of associated entitlement updates and performs real time impact analysis for role consolidation before changes are applied in a live environment. Role change approval process combined with role versioning, role change "what if" simulations and rollback features, it provides a complete role change and lifecycle management solution. As part of its role lifecycle management features, Oracle Identity Analytics fully audits all the changes made to role definitions including role assignment rules and entitlement mapping policies.

Contact Us

For more information about Oracle Identity Analytics, please visit oracle.com/identity or call +1.800.ORACLE7 to speak to an Oracle representative.

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