

Segregation of Duties Success for Oracle ERP Cloud

OVERVIEW

The organization is a well-known fast-food chain that operates worldwide. To enhance Segregation of Duties processes, the organization initiated a strategic effort to streamline compliance measures and minimize operational risks with SafePaaS. This initiative unfolded through a directed series of steps designed to promote alignment, address potential inaccuracies, reduce conflicts, enact corrective measures, and verify compliance through robust audit analytics.

CHALLENGES

Unique challenges in migrating Oracle E-Business Suite to ERP Cloud, especially managing risk in a new operating model. Concerns arose regarding maintaining control and compliance standards in a cloud environment, particularly with the increasing prevalence of remote work and third-party involvement in IT and business functions.

The organization's **extensive application landscape** and reliance on platforms like ServiceNow and SailPoint added layers of complexity to the migration process. Traditional models that once worked well in on-premise environments were no longer sustainable or adequate for the cloud.

The organization faced a major hurdle in demonstrating **fine-grained segregation of duties**, which required moving away from traditional role-based analyses.

AT A GLANCE

Challenges

- Business Transformation to Cloud
- Lack of fine-grained SoD
- Inaccurate and incomplete remediation activities
- Increased audit scrutiny

Benefits

- Accelerated deployment to cloud
- Accurate detection of SoD and Sensitive Access violations
- Timely remediation
- Reduction of control violations by **99%**

This organization's journey exemplifies the importance of prioritizing access control and compliance in cloud ERP migration.

SOLUTION DELIVERED AND STEPS TAKEN TO ENSURE SUCCESS

1. Rule Selection and Alignment

Aligning controls across the enterprise by selecting appropriate rules and ensuring agreement between compliance and IT organizations responsible for system maintenance, provisioning, and user management.

2. Segregation of Duties Analysis and Risk Assessment

This step involves examining the current state of the system, considering factors like digital transformation progress and Segregation of Duties maturity stages.

3. Remediation of Conflicts and Risk Mitigation

Once conflicts and risks are identified, remediation actions are implemented. Remediation efforts focus on reducing risk exposure, especially for service accounts and users with excessive privileges.

4. False Positives Management and Logic Development

After selecting rules, addressing false positives that may arise during analysis is crucial. Logic development is necessary to handle complex scenarios, such as security contexts and active privileges within ERP systems like Oracle ERP.

5. SoD Review and Corrective Actions

A broader team, including role owners responsible for internal controls within operations, conducts a review of SoD conflicts. The team collaborates to determine corrective actions, such as modifying roles or mitigating risks, based on the analysis findings.

6. Integration with IT Service Management (ITSM) and Corrective Actions

Integrating with ITSM platforms like ServiceNow enables seamless communication and implementation of corrective actions identified during the SOD review phase.

7. Audit Analytics and Verification

Audit analytics tools provided by SafePaaS are leveraged to reconcile reported risks, corrective actions, and compliance work. Internal auditors and compliance teams verify the completion and effectiveness of corrective actions, preparing for external audit reviews.

By diligently following the outlined steps and leveraging appropriate tools and expertise, the organization can successfully steer the challenges of cloud transformation while maintaining the highest levels of control and risk management