

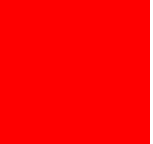


ORACLE®
IDENTITY MANAGEMENT

ORACLE®

Neues vom Oracle Identity Manager
Identity Governance Suite

Dr. Stephan Hausmann



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Agenda

- Oracle Identity Governance
- Oracle Identity Manager
 - Access Request
 - Approvals
 - User Interfaces
 - Security Model
 - Connectors
 - Tooling
- Summary



Market Trends

Compliance requires business user participation

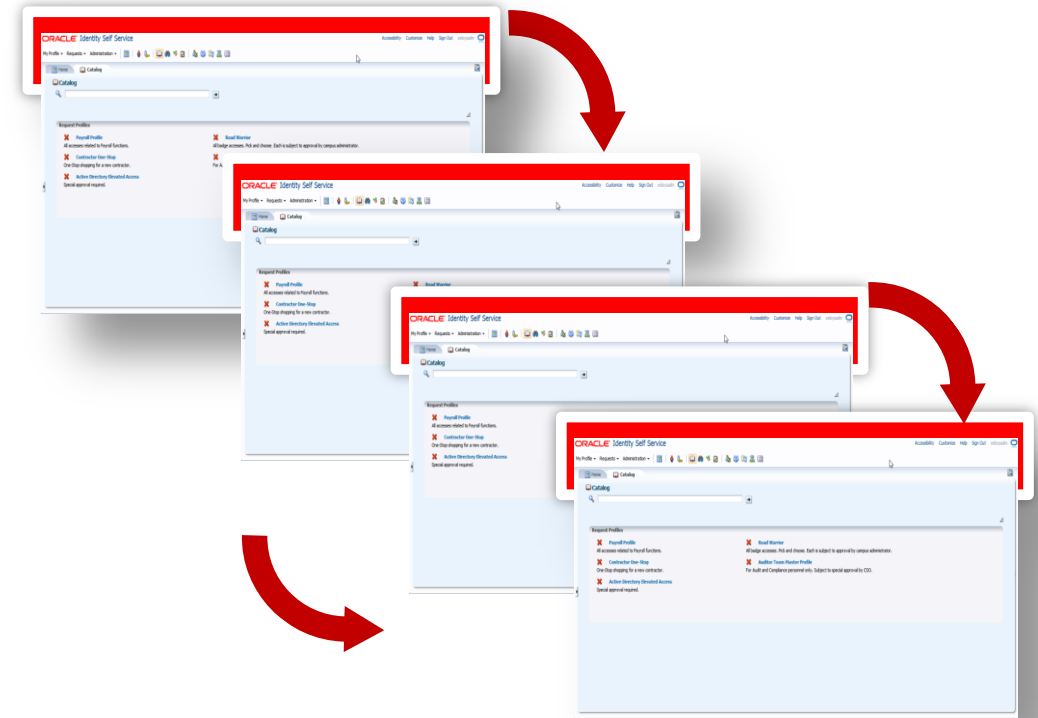
- Increasing demand for self service access requests to reduce costs and accelerate processes
- Increasing volume and frequency of employee access certifications
- Increasing privileged account requests, with monitoring and auditing requirements



Oracle Identity Governance

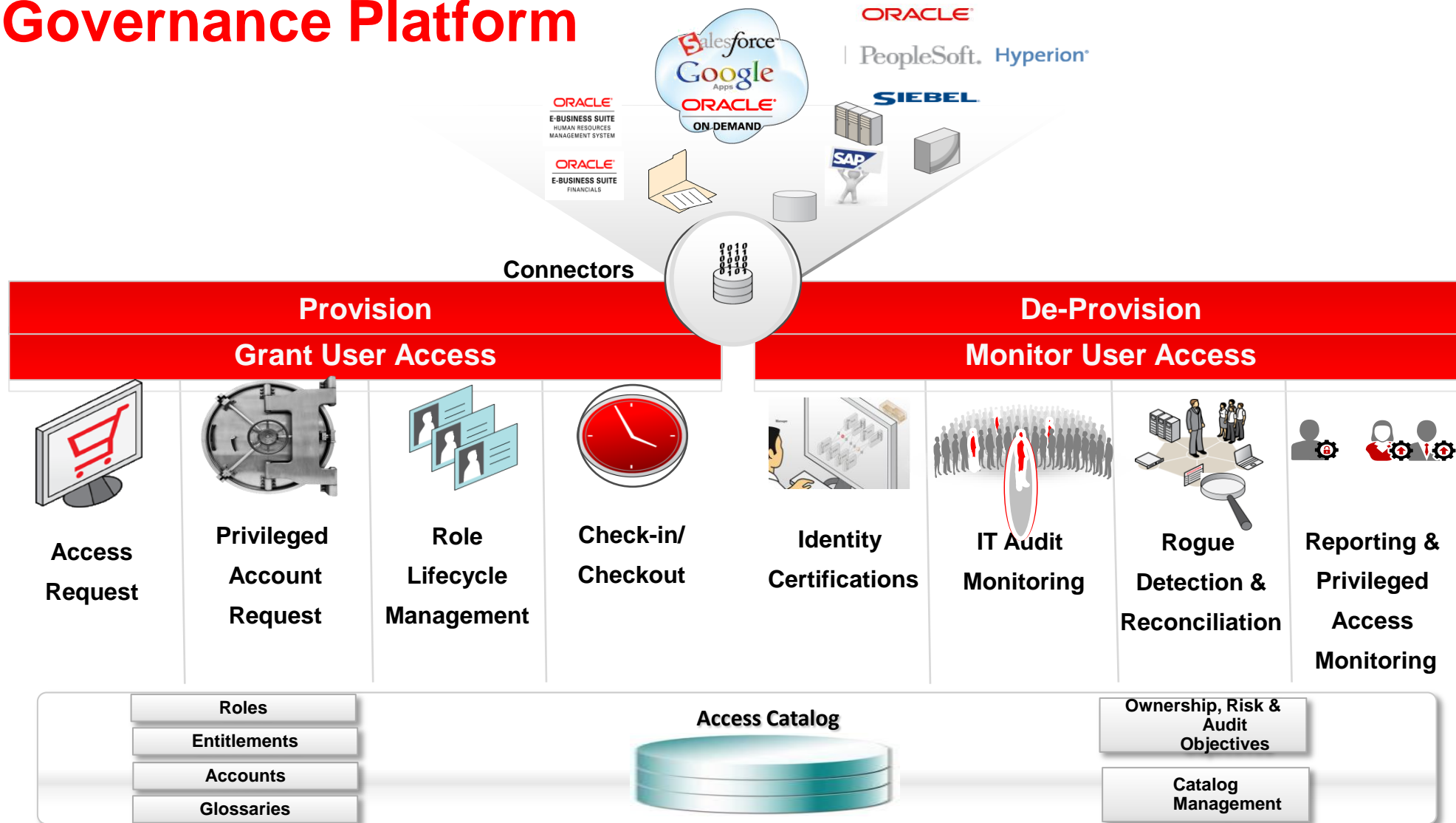
Integrated and Complete Identity Governance

- ✓ “Shopping Cart” Access Request
- ✓ Sophisticated Approval Workflows
- ✓ Business User Access Certification
- ✓ Closed Loop Remediation
- ✓ Standard and Privileged Accounts
- ✓ Flexible Administrative Interfaces

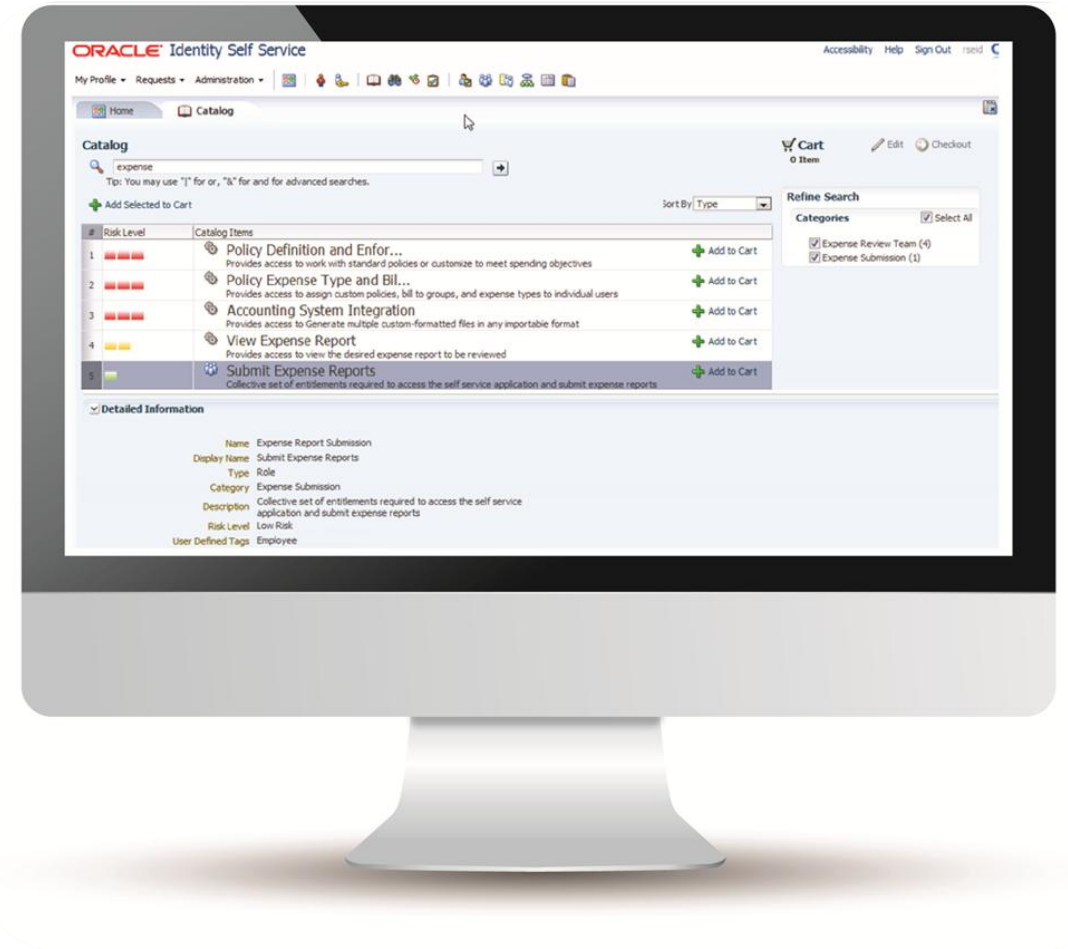
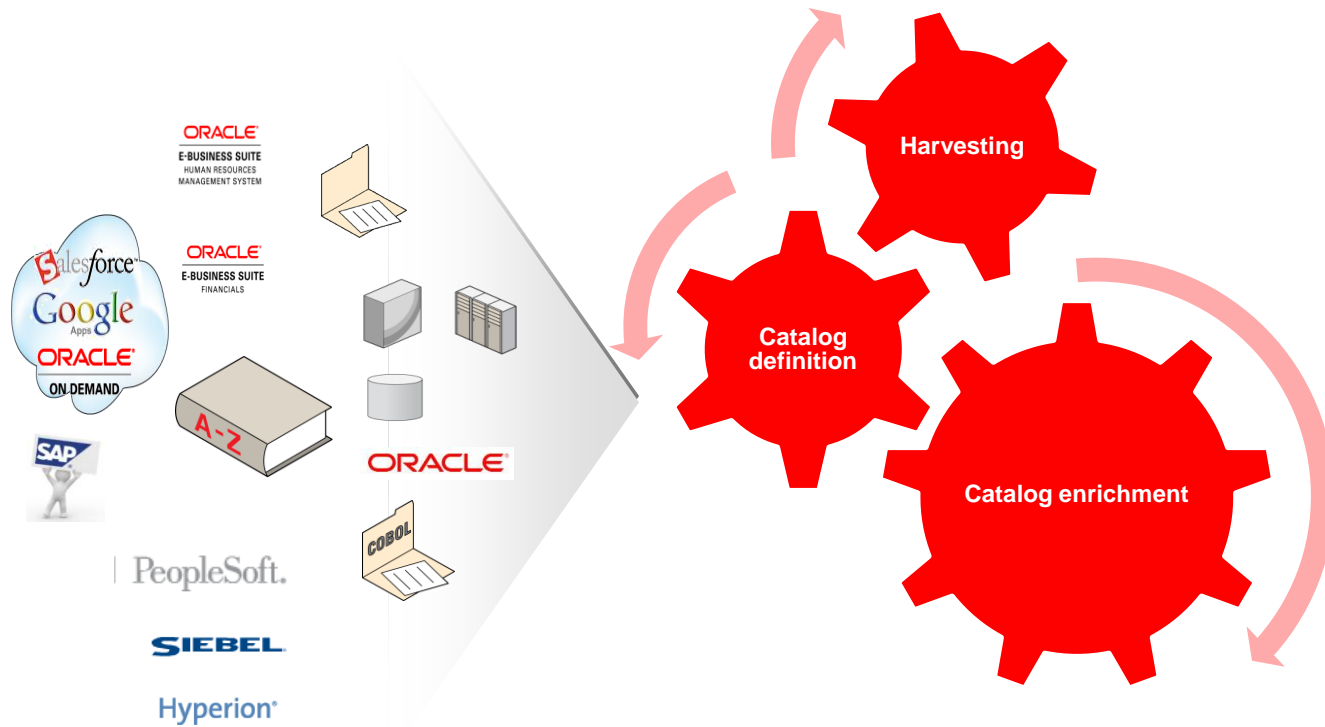


Oracle Identity Governance

Governance Platform



Oracle Identity Governance Access Catalog



Oracle Identity Manager

Intuitive Access Request

- Request Catalog
 - Catalog items include Roles, Standard & Privileged Entitlements and Application Instances
 - Business context (display name, glossary descriptions, risk levels, owners, approvers, certifiers, etc.) defined once in catalog and used across for request, approval and certifications
 - Automatic Seeding and Manual Edits for Keyword Tags
 - Navigational/Filter Categories
- Business User Friendly Patterns
 - Full Text Search with Auto-Tagging
 - Saved Shopping Cart (Request Profiles), Bookmark/Quick-Links – Saved Catalog Queries
 - Add Request Items and Beneficiary Users in Any Order
- Shopping Cart Experience
 - “Add” Access to Cart and then “Submit”



Oracle Identity Manager

Intuitive Access Request

- Request Tracking
 - Workflow Visualization in Tracking
 - Navigation from Request to Sub-Request to Provisioning status
- Approvals
 - Email Folder Style Inbox for Approvals, Manual Provisioning & Certification
 - Priority Queues and User Defined Views to Prioritize Assigned Tasks
- Other Business User Focused Enhancements
 - Attachments with Request/Approvals
 - Support for Reassignment, Delegation, Escalations and Reminders
 - Email Approval: Direct from Email or Deep-Link to Request Details



Oracle Identity Governance

Shopping Cart Simplicity

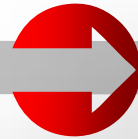
Browse



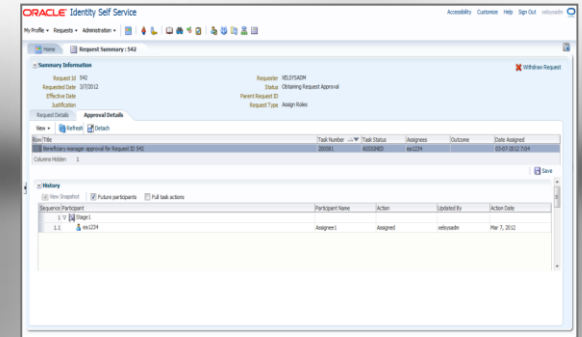
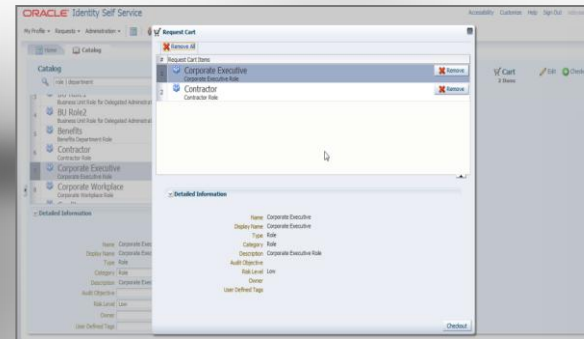
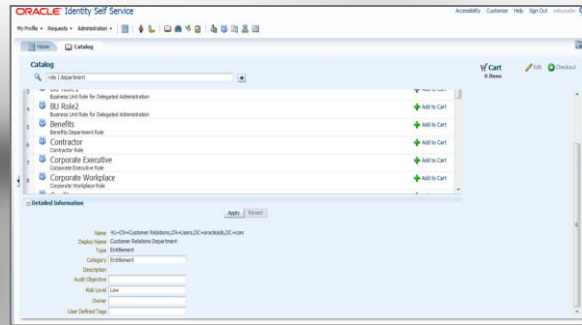
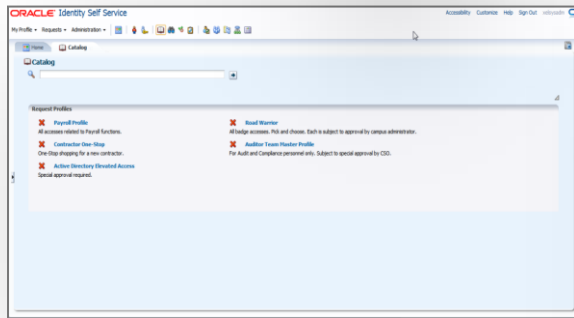
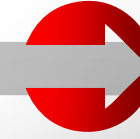
Compare & Select



Track



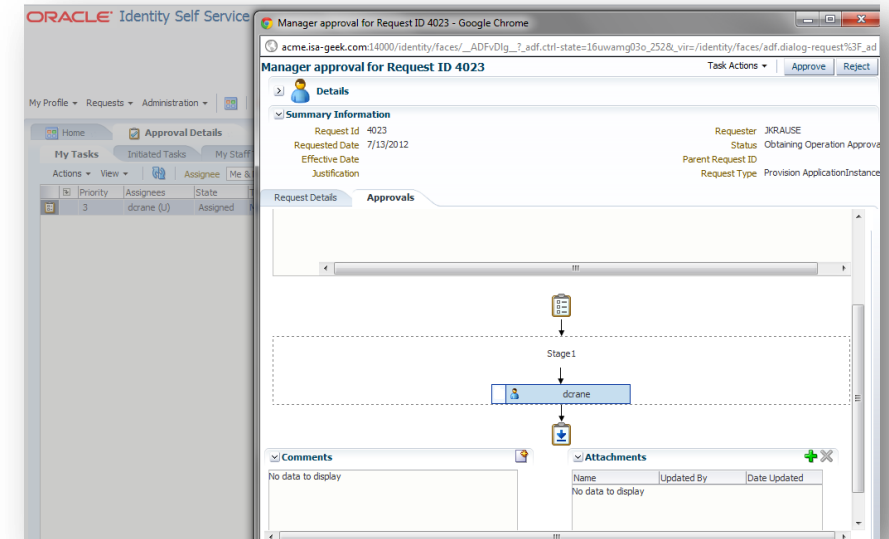
Receipt Confirmation



Oracle Identity Governance

Approvals

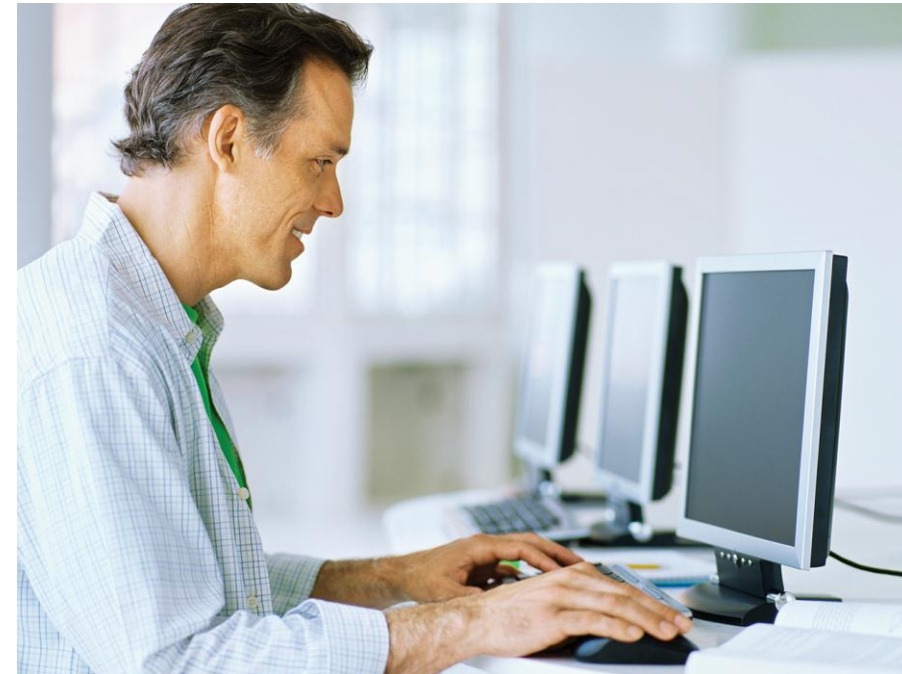
- View and take action on approval tasks via email, mobile (browser) and self-service UI
- Add comments and attachments
- See current and future approvers
- Prioritize and organize tasks



Oracle Identity Manager

Business Friendly User Interfaces

- End users can personalize the Home Page by changing the layout and adding/ removing regions
- End users can set their search, sort preferences, save frequently used search filters
- UI can be customized and re-skinned without using any IDE and without coding
- Access to features can be controlled using security policies



Oracle Identity Manager

Business Friendly User Interfaces

End-users can pick the regions they want

Perform business functions without leaving the Home Page

Change account passwords

Property-editing without IDE or code

Use EL Expressions for dynamic control over properties

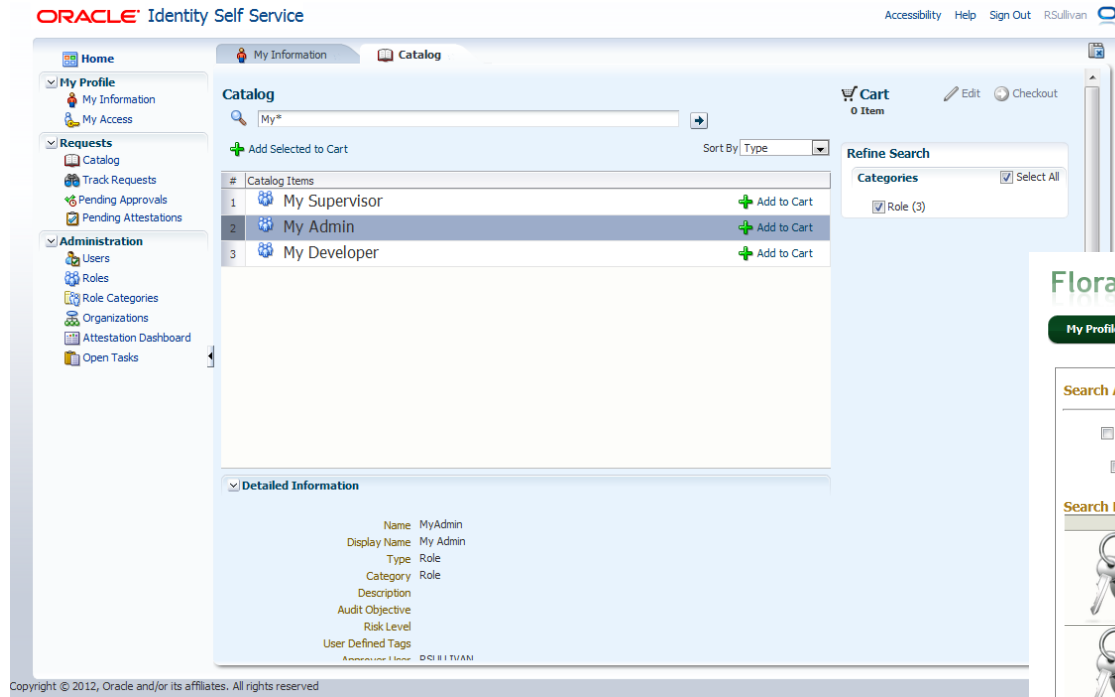
The screenshot displays the Oracle Identity Manager Home page for user Robert Klein. The page includes sections for Pending Requests, Pending Approvals, and My Accounts. A 'Change Password' dialog is also visible. The page is annotated with several red callout boxes highlighting key features: 'End-users can pick the regions they want' points to the 'Personalize' link; 'Perform business functions without leaving the Home Page' points to the 'My Accounts' link; 'Change account passwords' points to the 'Change Password' dialog; 'Property-editing without IDE or code' points to the 'Component Properties' dialog; and 'Use EL Expressions for dynamic control over properties' points to the 'Value' field in the 'Component Properties' dialog.

Request ID	Request Type	Date Requested	Status
1	Modify User Profile	6/25/2012	Obtaining Request Approval
2	Assign Roles	6/25/2012	Obtaining Request Approval
3	Modify User Profile	6/25/2012	

Title
Default request level approval for Request ID 1
Default request level approval for Request ID 2
Default request level approval for Request ID 3

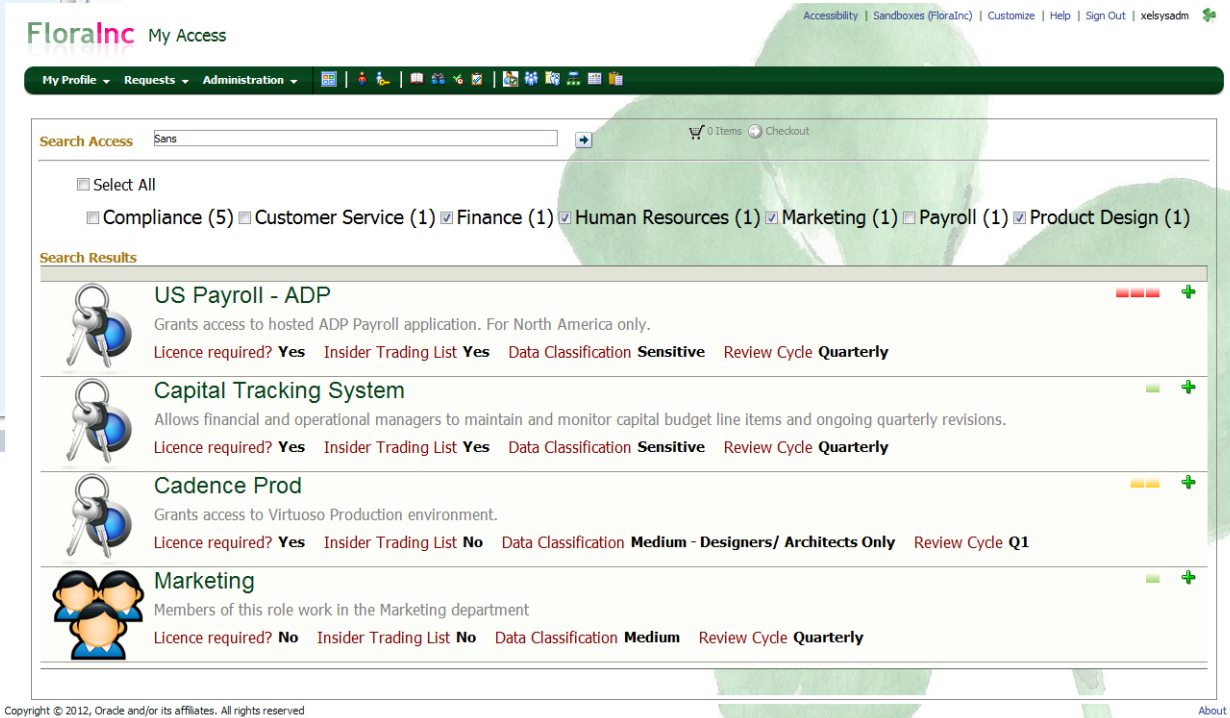
Oracle Identity Manager

Extensible User Interfaces



Out of the box User Interface

Customized User Interface



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About

Oracle Identity Manager

Organization-scoped Security Model

- Uses standard ADF security model for functional security and use OES best practices for data security.
- Employs a consistent architecture that specifies how we support delegated-administration of various entities managed in OIM for example Roles, organizations, entitlements and Application Instances.
- Employs a consistent architecture that lets backend make various security decisions for example who can request what, who can have what, who needs to go through approval etc. This architecture facilitates the security of catalog based request module and of converged UI and backend of self-Service/delegated-administration.
- Supports a organizational level “scoping” mechanism for delegated-administration and data security of various entities.



Oracle Identity Manager

Organization-scoped Security Model

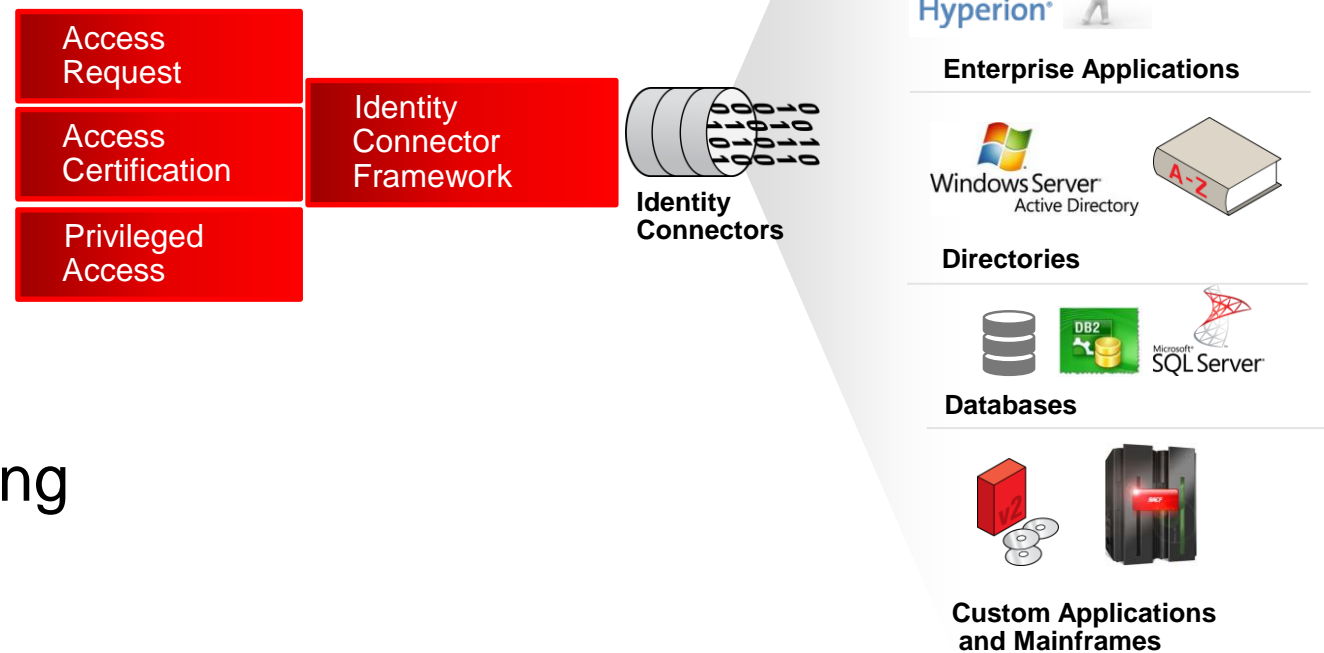
- **Function Security**
 - OES Policies control who can perform what actions?
 - Customers can change OOB seeded security policies
 - “Actor” checks in UI and “Beneficiary” checks in the back-end
- **Data Security**
 - Who can perform actions on what data?
 - Who can see what in the Catalog?
 - Who can request for which beneficiary?
 - Who is authorized to have what access?
 - Data is secured by publishing it to a set of orgs
 - Admin Roles control what functions are allowed on data published to that organization
 - Each of the Admin Roles that are pre-seeded in OIM has one-to-one mapping to the Application Roles in Oracle Entitlement Server
 - Application roles have associated policies that govern what permissions are allowed for users who belong to this role
 - Each entity has an Admin, Authorizer and Viewer role in addition to Catalog Admin, System Admin and System Configurator admin roles.
 - Both publishing and delegation are organization hierarchy aware



Oracle Identity Governance

Connectors

- Common Connectors for all Governance needs
- Supports multiple target versions and multiple instances of a target simultaneously
- Flexible deployment options – local and remote deployment
- Extensible – Administrators can extend the capabilities without coding



Oracle Identity Manager

Modern Tooling

- Browser-based UI customization framework
 - protects customizations across patches and upgrade
 - Eliminates XML editing and proprietary scripting
- Single browser-based tool to
 - Extend (add UDF) User, Role, Organization, Catalog and Application Instance entities
 - Once the UDF is added/deleted, the system will automatically propagate this to other OIM metadata
 - Create request forms
- Sandbox - Single browser-based tool to
 - Test customizations without impacting other users
 - Rollback or commit customizations
 - Move customizations from one environment to another



Oracle Identity Manager

Modern Tooling

- Rules-driven workflows can be managed by business analysts
 - User, Role, Entitlement, Application information available as business facts
 - Routing rules and approver selection can be done using business facts
- Single browser-based tool to
 - Manage notification configuration
 - Manage routing rules
 - Manage approver resolution rules
- Common connectors for provisioning, certification and privileged access
 - One connector to harvest catalog, reconcile and provision standard and privileged accounts, load OIA identity warehouse and perform closed loop remediation
 - Connectors also compatible for Sun Identity Manager Provisioning functions

The screenshot shows the 'SimpleApprovalTask : Event Driven Configuration' page. It includes sections for 'Task Aggregation' (None), 'On Error Notify', 'Assignment and Routing Policy' (with checkboxes for participant permissions), 'Expiration and Escalation Policy' (Never Expire), and 'Notification Settings' (a table of task status notifications and checkboxes for security and email actions).

Task Status	Recipient	Notification Header
Assign	Assignees	
Complete	Initiator	
Error	Owner	

The screenshot shows the 'Ruleset_3' configuration page with two rules. Rule 1 has conditions: Order.Qty > 10000 AND Order.Value > 1000000. Rule 2 has conditions: (Order.Qty <= 10000 OR Order.Value <= 1000000) AND Customer.Rating = 'GOLD'. Both rules have a '<insert action>' placeholder in the THEN clause.

Oracle Identity Manager

Modern Tooling – Disconnected Application

- A significantly streamlined browser-based application on-boarding framework for manually fulfilled applications
- Administrators can define forms with various attributes, define entitlements and publish disconnected applications without any coding or complex configuration steps
- Reduction in the time needed to on-board a new application - from days to a matter of few minutes
- Manual provisioning tickets may be fulfilled in OIM itself



Oracle Identity Manager

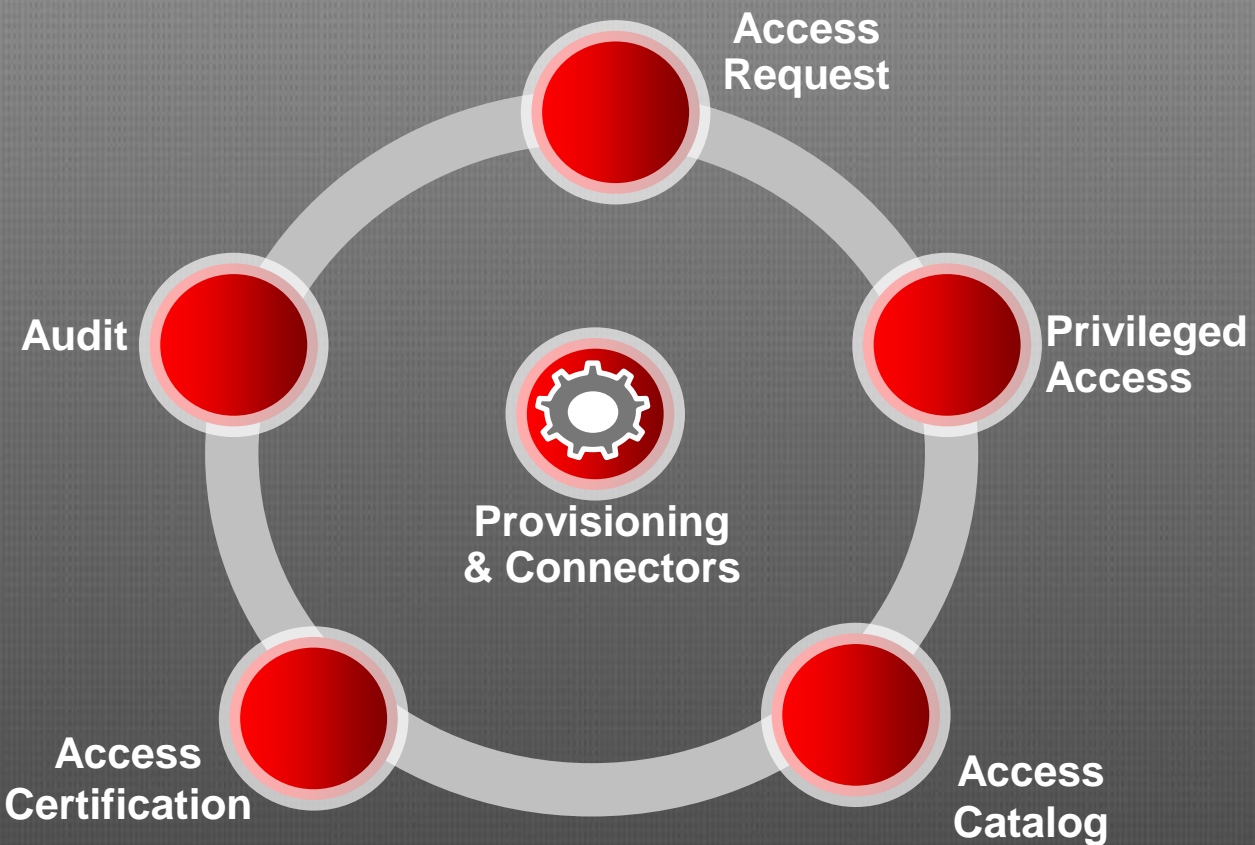
Modern Tooling – Disconnected Application

- Leverages the existing request approval framework for manual provisioning routing and unified inbox for pending approvals
- Support for all actions that are supported for approvals: reassign, suspend and complete
- Supports both account and entitlement level request

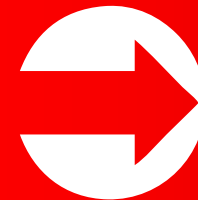


Oracle Identity Governance Platform

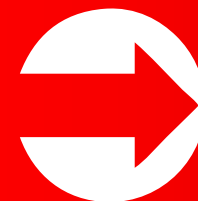
Common Platform



Common
Workflows



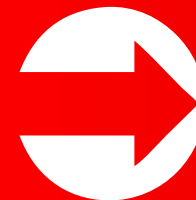
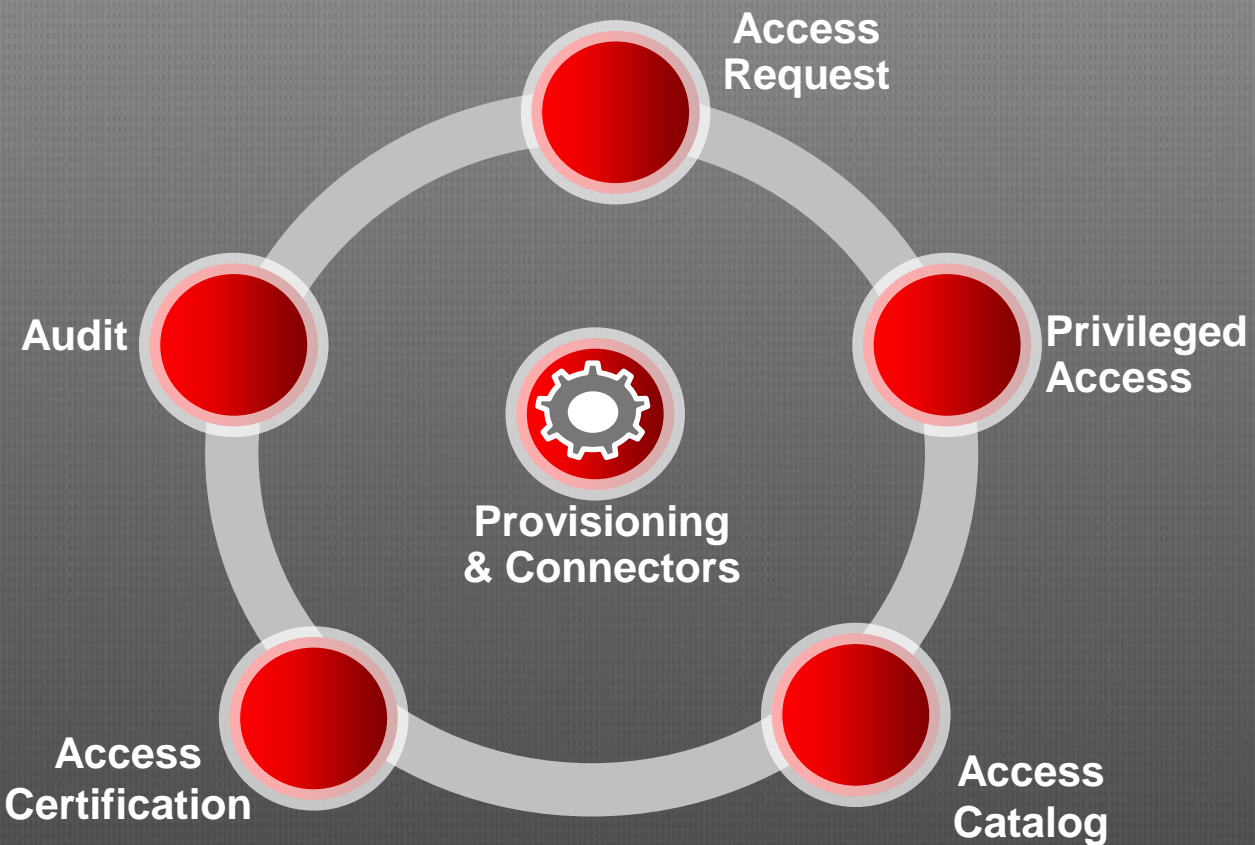
Common
Catalog



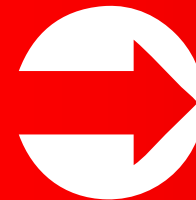
Common
Connectors

Oracle Identity Governance Platform

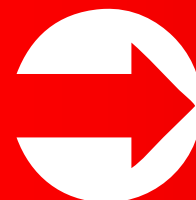
Common Governance



Define
Roles and Policies



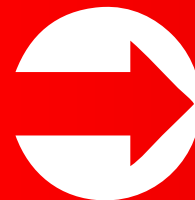
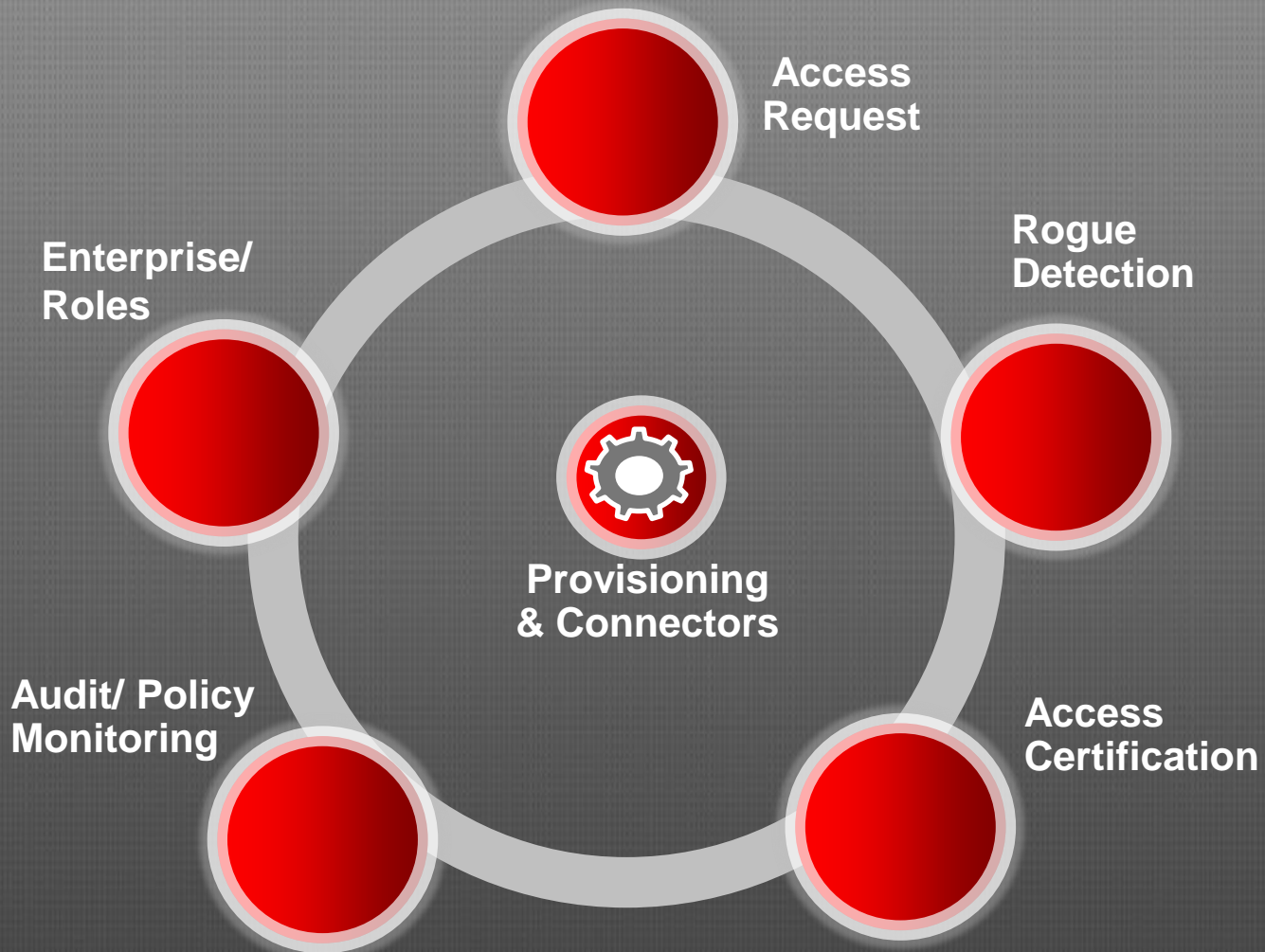
Approve and
fulfill access



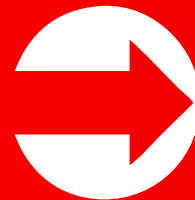
Audit and
certify access

Oracle Identity Governance Platform

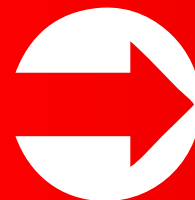
Closed-loop Remediation



Monitor
Access



Reduce
Risk

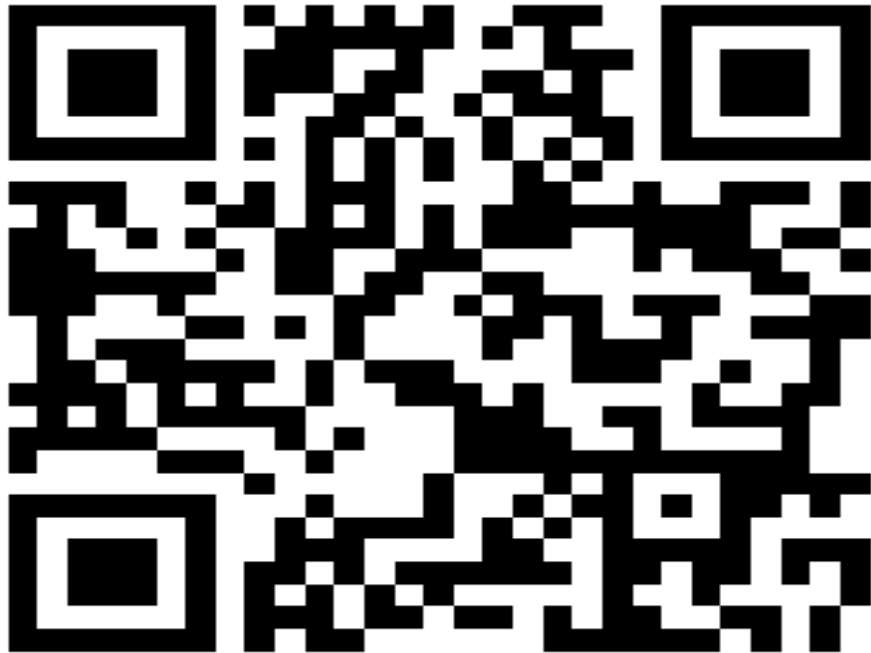


Improve
Compliance

Questions



Oracle Kundenumfrage



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