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## **Oracle Applications Fusion Middleware & Technology Enhancements**

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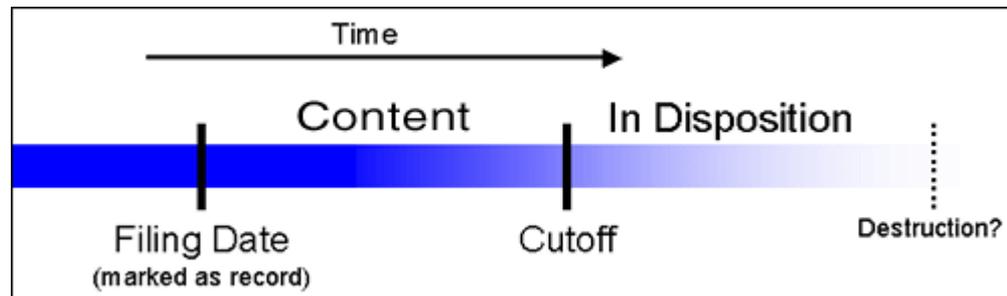
# FMW Technology Certifications with Apps

Technology	Release 11i	Release 12	PeopleTools
WebCenter		11.1.1.5	11.1.1.4
Oracle Access Manager	10.1.4.3	11.1.1.5	11.1.1.5
Single Sign-On	10.1.4.3	10.1.4.3	
Oracle Internet Directory	11.1.1.4	11.1.1.5	11.1.1.5
Portal	11.1.1.4	11.1.1.4	
Discoverer	11.1.1.4	11.1.1.4	
Business Intelligence (EE+)	11.1.1.5	11.1.1.5	11.1.1.5
BI Applications	7.9.6.3	7.9.6.3	7.9.6.3
Oracle SOA Suite	11.1.1.5	11.1.1.6	11.1.1.6
Secure Enterprise Search	10.1.8.4	11.1.2.2	11.1.2.2
Enterprise Manager	11gR1	11gR1	11gR1

# WebCenter Content with E-Business Suite

## Records and Retention Management

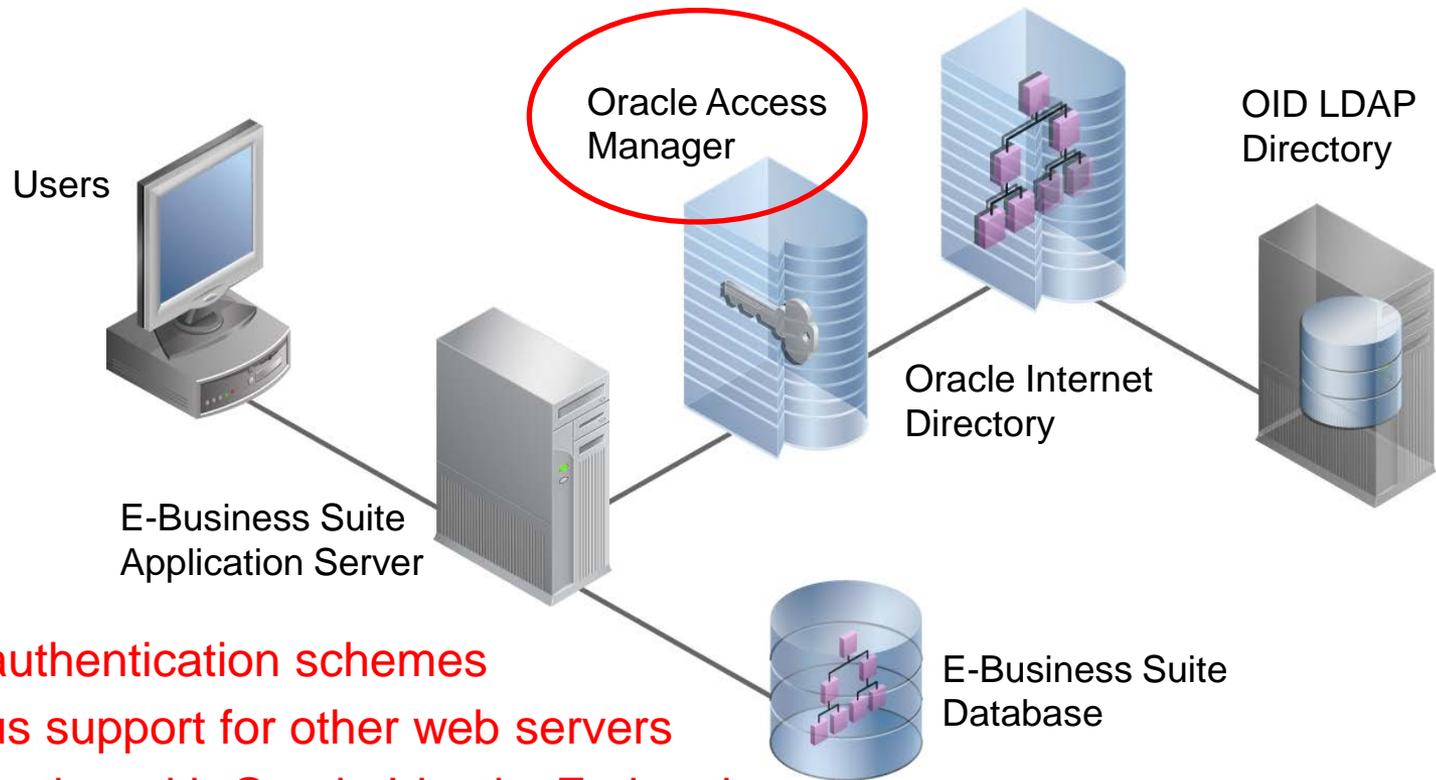
- EBS & PSFT Adapters
- Adhere to retention policies and schedules
  1. Create a retention schedule
  2. Items are filed into a retention schedule by users
  3. Rules are processed in accordance with the schedule
  4. A records administrator performs the review process and processes the dispositions



- DoD directive 5015.2 certified
  - Baseline | Classified | FOIA | Privacy Act

# Identity Management with E-Business Suite

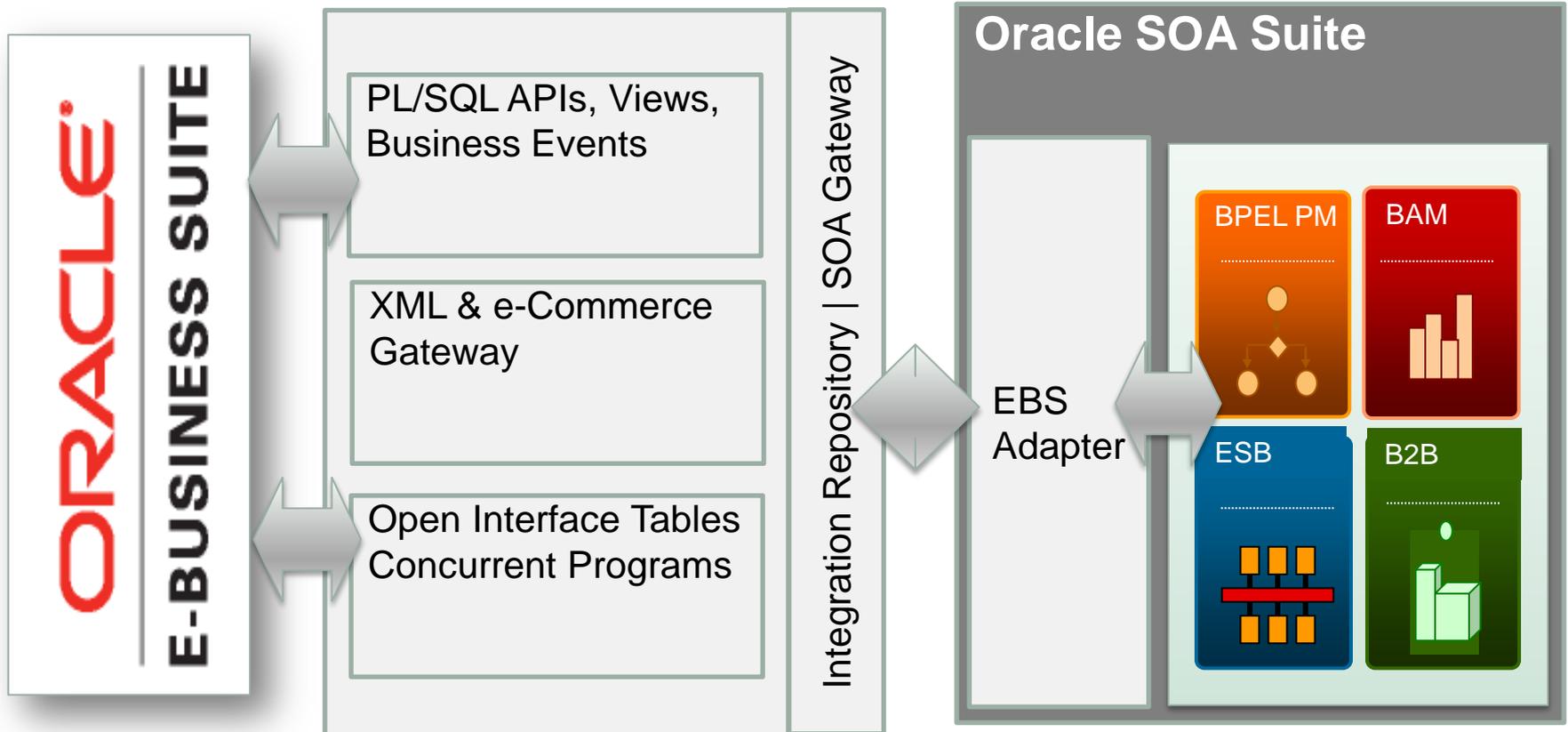
## Oracle Access Manager certification



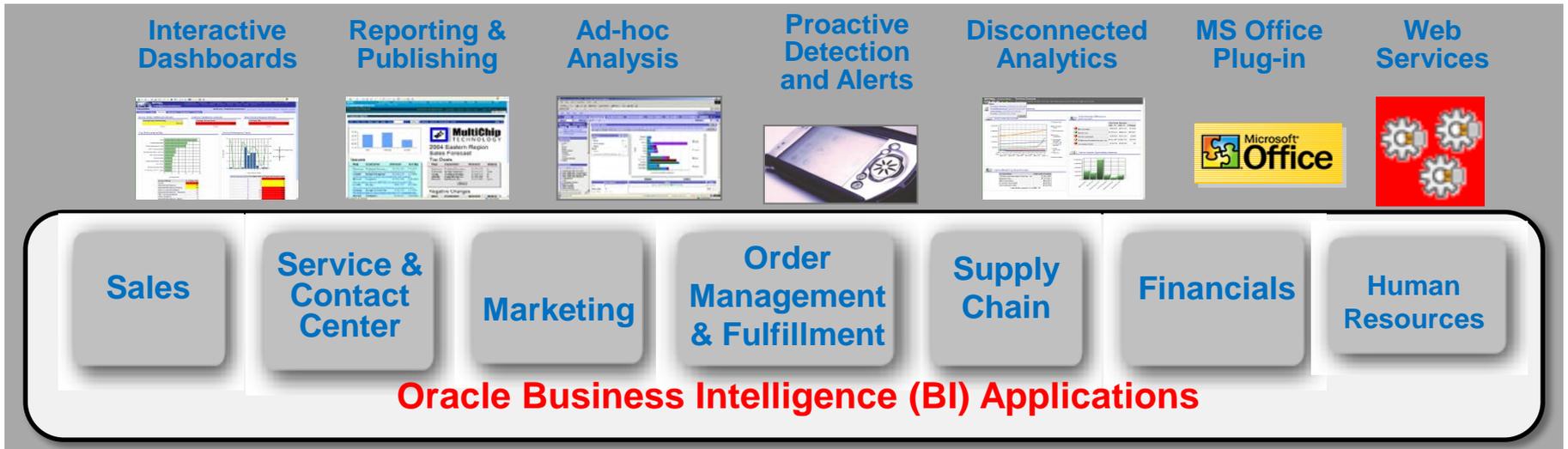
- Use multiple authentication schemes
- Heterogeneous support for other web servers
- “Instant” integration with Oracle Identity Federation, Oracle Adaptive Access Manager, third-party authentication

# SOA Suite with E-Business Suite

## Integration Solution Overview

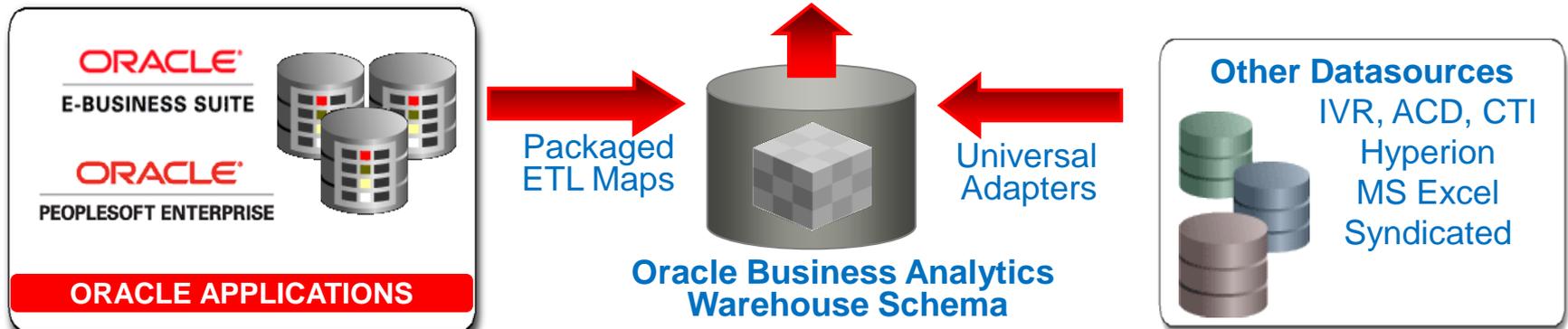


# Oracle Business Intelligence Applications



## Common Enterprise Information Model

### Oracle Business Intelligence Server



# **E-Business Suite**

## **Personalization and Technology Changes**



# Configuration Oracle Principles

*Satisfy User and Organizational Needs through Configuration, Not Customization*

*Highly configurable global  
system lets you tailor the  
system without programming*

- ✓ Accelerate systems deployment
- ✓ Preserve configurations through upgrades
- ✓ Eliminate costly customizations



**Flexfields** – User definable data key

**Folders** – User tailorable forms

**Workflow** – Configurable business process flow

**Custom Library** – Directory for customer extensions (forms)

**OA Framework / Forms Personalization** –  
Configurable page “look & feel”, navigation, tabs, fields, buttons

**BI Publisher** – Flexible report / document output

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# Personalization

## Java UI: Forms Personalization

The screenshot shows the Oracle Applications interface for 'ADS Vision LE0209'. The window title is 'Oracle Applications - ADS Vision LE0209'. The menu bar includes 'File', 'Edit', 'View', 'Folder', 'Tools', 'Window', and 'Help'. The toolbar contains various icons for file operations and navigation. The main content area has tabs for 'Main', 'Pricing', 'Shipping', 'Addresses', 'Returns', 'Services', and 'Others'. A table displays order line items with columns: Line, Ordered Item, Qty, UOM, Unit Price, Extended Price, Request, Schedule Ship Date, and Stat. The first row shows Line 1.1, Ordered Item AS18947, Qty, UOM Ea, Unit Price, Extended Price, Request 29-APR-07:1, Schedule Ship Date 06-MAY-2002 00:00:00, and Stat Ent. A 'Note' pop-up dialog is displayed over the table, containing the text: 'You can only enter 1 order per week for this product. Please modify order number 51574 instead. This line will be placed on HOLD.' and an 'OK' button. At the bottom, there are fields for 'Line Total' (00) and 'Line Qty' (0), and a 'Description' field with the text 'Sentinel De...'. An 'Actions' button is visible at the bottom left. The status bar at the very bottom shows 'Record: 1/1' and '<OSC>'.

**Add menu items, and shortcuts to other forms/URLs, with data/parameter passing**

**Add/enable icons**

**Support of additional business logic/practices (e.g. Hold Order)**

**Modify prompt/field title, remove fields, change entry order.**

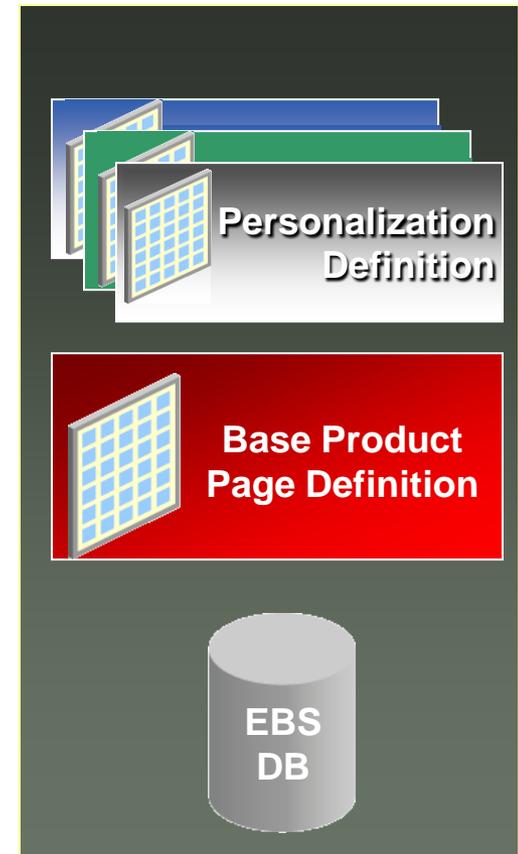
**Create pop-up messages generated for/with specific conditions and/or data**

**Change default values, auto-fill or validate data based on business rules, make fields mandatory**

# Personalization

## HTML UI: Oracle Applications Framework (OAF)

- Personalization is added on top of base product meta data at runtime
- Admin Level Personalization
  - Function
  - Location
  - Site
  - Organization
  - Responsibility
- User Level Personalization
  - User Views



# Personalization

## HTML UI: Oracle Applications Framework (OAF)

### User Personalization Features

**ORACLE Sourcing** Home Logout Help Preferences Diagnostics

Requisitions Negotiations Intelligence Administration

#### Create View

Below is a list of attributes that can be edited to change the view and/or filter the data that is displayed in your table. Cancel Revert Apply and View Results

\* Indicates required field

##### General Properties

\* View Name

Number of Rows Displayed: 10 Rows   
 Set as Default

Description

##### Attribute Properties

Update the appropriate column attributes as desired. Rename Columns / Total

##### Columns Shown and Column Order

Available Columns: Agreement Owning OU, Approval Date, Assembly Qty, Attachments, Bid, Bid Line, Buyer, Buyer, Catalog, Category, Contractor End Date, Contractor First Name, Contractor Last Name, Contractor Start Date, Creation Date, Default Currency, Default Currency Amount, Default Currency Unit Price, Deliver-To, Description

Columns Displayed: OU, Requisition, Item/Job, Qty, Unit, Price, Curr, Need-By, Source, Actions

**TIP** Columns with totaling capabilities shown can only display as the end column of the table.

##### Sort Settings

Column Name	Sort Order

Done Trusted sites

- Create and save a search
- Tailor table column titles
- Hide/Show columns
- Reorder columns
- Add data filters
- Change sorting order

# Personalization

## HTML UI: Oracle Applications Framework (OAF)

### Admin Personalization Features

ORACLE Applications Administration

Home Logout Help Pre

Security Core Services Personalization

Application Catalog Import/Export

Personalize Page: /oracle/apps/icx/punchout/webui/RepunchoutShopLoginPG

Choose Context

**Personalization Context**

Scope Page: /oracle/apps/icx/punchout/webui/RepunchoutShopLoginPG  
 Document Name /oracle/apps/icx/punchout/webui/RepunchoutShopLoginPG  
 Site Include  
 Organization Vision Operations  
 Responsibility Functional Administrator

**Search**

Style   
 Title/Prompt/Text   
 Include Personalized Items Only  
 Go

**Personalization Structure**

Simple View  Complete View  
 TIP In simple view mode, some items or regions may not be visible in the page structure and the reorder or create icon may be disabled. switch to complete view mode if you need full personalization capabilities over all items and regions.

Expand All | Collapse All

Focus Name	User Shown	Personalizable	Personalize	Reorder	Create Item	Update Item	Delete Item	Seeded User Views
<input checked="" type="checkbox"/> Page Layout: (PageLayoutRN)	Yes							
Static Styled Text: (PunchoutErrorRN.UserErrorHeader)	Yes							
Static Styled Text: Additional technical details of this failure are provided below.	Yes							
Spacer: (PunchoutErrorRN.Spacer1)	Yes							
Static Styled Text: Click here to view additional technical details of this failure	Yes							

Trusted sites

- Tailor text for labels, prompts, and tip messages
- Hide/Show components
- Reorder components
- Restrict query results
- Add new items: fields, buttons, links, pick lists, images, etc.
- Tailor graphs & charts
- Seed end-user views
- etc.

# Personalization Features in Release 12

## Release 12.0

- **Personalization Document Manager**
- **Contextual Hierarchy Page**
- **Simple Page View on Hierarchy Page**
- **Support for EL Syntax**
- **Enhanced Configurable Page Personalization**
- **Enhanced Home Page Personalization**
- **Configurable Start Page**

## Release 12.1

- **Support for personalizing additional attributes**
- **HGrid – control record size**
- **Query – add search mappings**
- **Flexfields – add flexfield reference field mappings**
- **Text Input – control maximum length**

## Release Post-12.1.3 (Roadmap)

- **Add new items based on dynamically created view objects**
- **Extend personalization capability to more components and properties**
- **Support attaching PPR events and actions**
- **Support Undo Personalization**
- **Support Copy Personalization**
- **Support for Enhanced EL**

# EBS 12.2 Technology Changes



## Latest middleware: Fusion Middleware 11g

- WebLogic Server to replace Fusion Middleware 10g
- Oracle Containers for Java (OC4J)

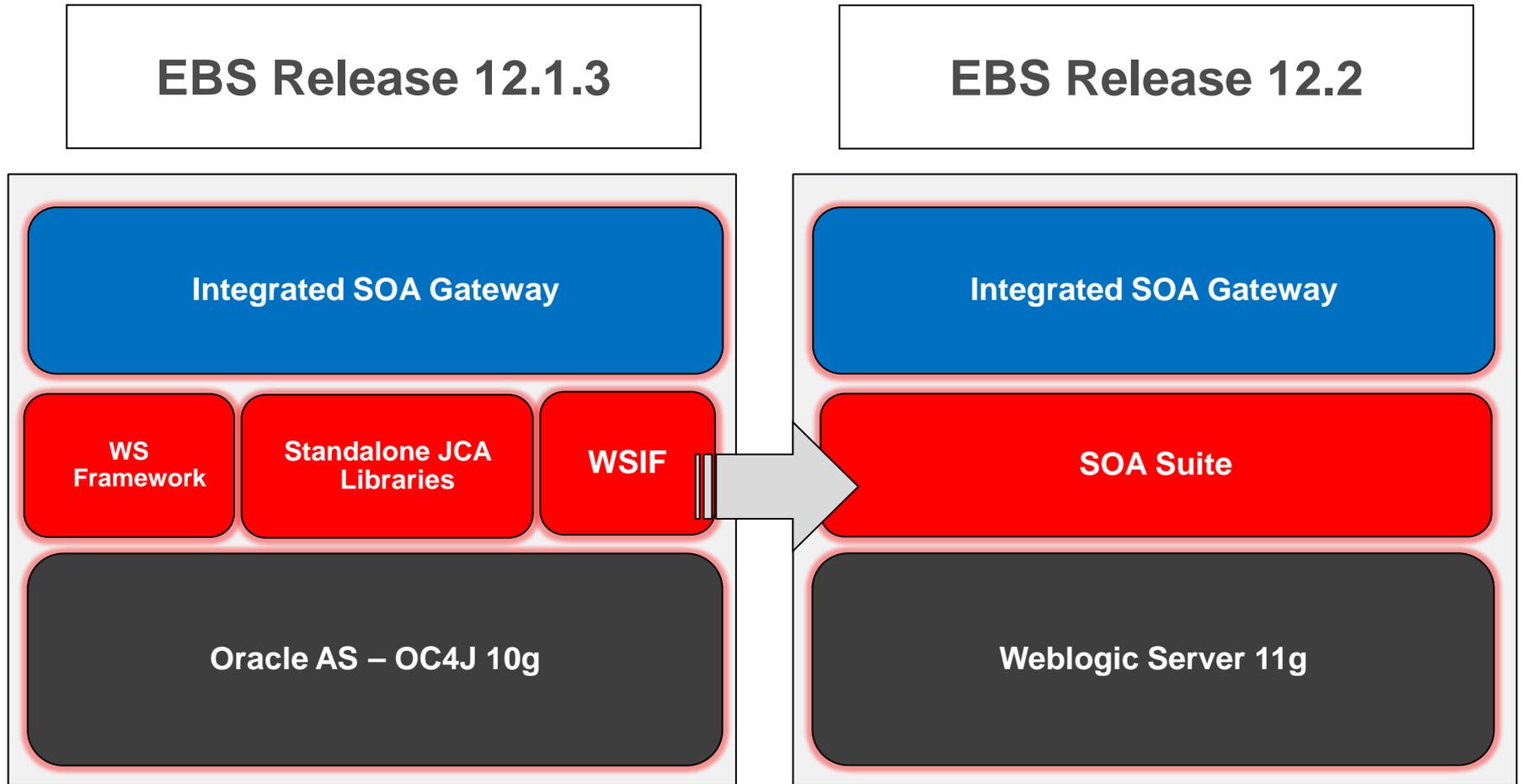


## Latest database: Oracle 11gR2 Database

- Online patching via Edition-Based Redefinition
- Improved performance via database result caching

# Integrated SOA Gateway

- Technology Stack Upgrade: SOA Suite 11g and WLS 11g



# Better User Experience in Release 12

The screenshot displays the Oracle Customer Support Agent Dashboard. The main heading is 'ORACLE Customer Support'. Below it, there's a navigation bar with links for 'Agent Dashboard', 'Home', 'Logout', 'Preferences', 'Personalize Page', and 'Diagnostics'. The current page is 'Service Request' for 'Update Service Request:24470 - KJN Test - Incorrect Manuals shipped'. The interface includes a 'Cancel' button, an 'Actions' menu with 'Assign to Me', 'Go', 'Save', and 'Apply' options, and a 'Create Instance' button. The form fields include 'Request Type' (Customer Call), 'Status' (Working), 'Problem Type', 'Resolution Type', 'Category', 'Item', 'Item Desc', and 'Item Instance'. A 'Summary' section shows 'KJN Test - Incorrect Manuals shipped'. The 'HISTORY' section is set to 'Reverse Chronological' order and 'Summary' format. A 'Go' button is present. The 'Additional Details' section shows the date 'Thursday - September 29, 2005' at '6:55 PM To 6:01 PM - Carter, Mr. Mike', with a 'Changed' status from 'Open' to 'Working' and a note 'testing manually Public'. A 'Created' section lists fields like Severity, Status, Type, Resource Type, and Owner with their respective values and ranges. The 'PRIMARY CONTACT' section shows contact details for 'MS. Amy Miller' with email 'amy@localhost.oracleads.com' and language 'American English'. The 'SEARCH KNOWLEDGE' section includes a 'Keywords' field with 'KJN Test - Incorrect Manuals shipped' and a 'Knowledge Search' button with an 'Advanced Solution Search' checkbox and a 'Go' button.

- Reduced pop-ups and duplicate screens
- Re-designed and streamlined entire workflows
- Reduced the number of steps to complete key tasks
- Improved overall look & feel and visual style
- Increased personalization capabilities

## Improved Workflow in Targeted Areas

- Campaign Management
- Customer Support
- Collections & Payments
- Loan Management
- Financial Consolidation
- Online Candidate Registration
- Absence Management
- Salary Administration
- Self-Service Purchasing
- Sourcing
- Supplier Collaboration
- Business Intelligence

# New in 12.1.2: OBIA content embedded in EBS pages

**Employee Search**

Employee Name: Ernest Stein  
Employee ID:

**Employee Directs**

**Directs headcount by performance band**

Current Top Employee Full Name	Current Level 16 Employee Full Name	Headcount	Performance Band
		20	80 Percent and Above
	Allison Rice	27	60 to 70 Percent
		3	<50 Percent
		2	Unspecified
	Bruce Wheeler	1	60 to 70 Percent
		7	80 Percent and Above
	Christopher Rowe	7	60 to 70 Percent
		4	Unspecified
	David Hatcher	1	80 Percent and Above
		3	60 to 70 Percent
Ernest Stein	Ernest Stein	1	80 Percent and Above
		46	80 Percent and ..

**Directs by Performance Band**

Bar chart showing Headcount (Y-axis, 0 to 75) versus Current Level 16 Employee Full Name (X-axis). The chart displays headcount for four performance bands: 80 Percent and Above (light blue), 60 to 70 Percent (dark blue), <50 Percent (yellow), and Unspecified (grey). The highest headcount is for Jean Alvarez in the 80 Percent and Above band.

**Embedded Analytics**

Embed custom content such as OBIA analytics in new rich container

# E-Business Suite

## Mobile



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# Mobile Capabilities

- **Mobile Supply Chain Applications**
  - Warehouse Management
- **Oracle Business Indicators**
  - Provides Executives and Managers with real-time, secure access to performance indicators on-the-go
- **Oracle Business Approvals**
  - View and transact pending actions for expenses, purchase requisitions, HR vacancies, and job offers
- **Native Oracle E-Business Suite**
  - HTML-based application screens
  - Workflow notifications
  - Utilize Fusion Middleware to build mobile apps



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# Continued Investment in Mobile Access

Roadmap

## Mobile Field Service for iPhone and Android



# Mobile Field Service on iPad

Roadmap

