Details on Top EBS Updates Every End User Should Know 12.2.4 - 12.2.15

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About the Speaker – Susan Behn

- Oracle Ace Director
- Rite Software – ERP Strategy and Transformation
- 32+ years E-Business Suite experience from R9 - R12.2.x
- OATUG Women in Technology Award 2022
- OATUG Star Presenter of the year, 2015
- Passionate speaker for over 100 presentations on functional and technical topics
- Co-author for multiple books on E-Business Suite
    - The ABCs of Workflow for E-Business Suite
    - Release 12 and The Release 12 Primer – Shining a Light on the Release 12 World

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Rite Overview

19+
Years of Evolutionary expertise in ERP

350+
Oracle Experts

150+
Customers

10+
Products/ Solutions

Expert Implementation

Managed Services

Global Delivery Model

RiteSuite for Oracle Cloud Optimization & Transformation

riteSync
Data Extraction & Synchronization Solution

CloudMiner
Oracle Cloud Query Solution

Convertrite
Data Migration Solution

Learn More at
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Crewrite
Time & Payroll Automation

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Automated Retention Invoicing Solution

Equiprite
Equipment Planning, Billing & Management

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Accurate Project Cost Management

Lienrite
Lien Management Solution

payWHENpaid
Payables/Receivables Automation

Procurerite
Project Procurement, Planning, & Expediting

Honored as the
2025
Oracle
ISV Application Innovation
Partner of the Year!

Innovation leads. Inspiration follows.
Proud to power possibilities with Oracle!

Agenda

- Enterprise Command Centers
- Generative AI in EBS
- Technology and OAF
    - Simplified Home Page Enhancements
    - Favorites
    - Attachments
    - Themes / Color Picker
    - Multi-column search in look-ahead LOV
    - Info tiles
    - Date Picker
    - Simplified Table Toolbar
    - Export to PDF
    - Rich Table Interaction
    - Searching - Saved Search / List Search / Query By Example
    - Record History Enhancements
    - Flexfield Enhancements
    - Personalization Workbench Enhancements

- AOL
    - Concurrent Processing
    - Secure Configuration Console Enhancements
    - Flexfield Value Set Security / Security Wizards
- Workflow
- Key Enhancements Summary
    - Configuring E-mail Eligibility for Item Types and Message
- WebADI Enhancements
- Read Only Responsibility
- Proactive Support Tools

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Enterprise Command Centers (ECC)

- ECC is the #1 most impactful new feature in EBS to significantly increase user productivity
- As of September, 2025, there are 36 command centers

Financial Management	Order Management & Logistics	Asset Lifecycle & Service
• General Ledger • Receivables • iReceivables • Payables • Employee Expenses (Internet Expenses) • Assets • Cash Management • Lease Contracts (Financials) • Lease and Finance Management	• Order Management • Inventory Management • Advanced Pricing • iStore * • Landed Cost Management • Channel Revenue Management • Incentive Compensation	• Enterprise Asset Management • Asset Tracking • Service Contracts • Service (TeleService) • Field Service • Depot Repair
Procurement & Projects • iProcurement * • Procurement • Projects • Project Procurement • Contract Lifecycle Mgt for Public Sector	**Manufacturing** • Discrete Manufacturing • Process Manufacturing • Outsourced Manufacturing • Project Manufacturing • Cost Management • Quality • Bills of Material	**Human Capital Management** • Human Resources • Payroll

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Enterprise Command Centers (ECC)

- Where to get more information specific to ECC
    - http://www.oracle.com/ebs
    - [Oracle Enterprise Command Centers](#)
    - [Oracle E-Business Suite Enterprise Command Centers (ECC) - V14 Quick Start Guide](#)
    - [Oracle E-Business Suite Release Content Documents (RCDS)](#)

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Artificial Intelligence in EBS

- 12.2.14
  - [Enabling Natural Language Query of Oracle EBusiness Suite (EBS) Release 12.2, Leveraging Oracle Generative AI (MOS Note 3059877.1)](#)
  - Example "Show me sales orders with delayed shipments this week"
  - Available in 12.2.13 with LOTS of patches
  - Must have Apex 24.2 or higher in EBS environment
  - Requires Autonomous Database on OCI
  - Subscribe to OCI Generative AI (It's not free)
  - See presentation titled "Enabling Natural Language Query of EBS 12.2 Using Oracle Generative AI" by Nadia Bendjedou
- 12.2.15 – New feature to generate text for business functions by invoking a Large Language Model (LLM) through a REST service
  - Use this to use AI for integrations
  - See "Reduce Complexity by Leveraging AI with your EBS system" by Eric Benner, Ace Director

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Oracle Application Technology New Features

Simplified Home Page 12.2.4+

12.2.7 Navigator is now on the left corner.

Favorites icon displays list of favorites

Gear Icon replaces several buttons with links shown in the box below the button

Alarm bell icon shows number of unread notifications

Switch user appears if you are a proxy user

Clickable dots show multiple pages

12.2.6 – FND_SHOW_INSTANCE_NAME = "True"

ORACLE E-Business Suite

Instance: a122int5

★ Favorites
⚙ Settings
🔔⁵ Worklist
Switch User
Logged In As OPERA...
Help
Logout

Personalize Page
Preferences
Diagnostics
Manage Proxies
Access Requests

Diagnostic Console

Announcement

Welcome to Oracle E-Business Suite!

You can personalize the choices available on this page by selecting favorites using the Add Favorites icon (with a star and plus sign).

You can also select a specific start page when you log in to Oracle E-Business Suite. Choose Settings (gear icon) from the top of the page, and then choose Preferences. Select the responsibility and Page you want, and apply your changes. The next time you log in, you will be taken to your preferred start page instead of this home page.

Define (Security : User)
Payables Invoices
Receivables Transa...
Entry (Suppliers)
Requests (Concurrent)

System (Profile)
Create/Maintain Cus...
Customer Search (iReceivables Intern...
Employee W-2 (Employee Self-Ser...
Shipping Operations (Logistics Manager)

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Profile Options Impacting Home Page

- The simplified home page was released in 12.2.4
  - The simplified home page is the recommended format for many new features
  - Better for users who utilize both EBS and Cloud products
- This chart shows the profile option settings for the various home page UIs

Home Page User Interface (UI)	Self Service Personal Home Page Mode	FND: Disable Configurable Home Page
Flat list navigator like 12.1	Framework Only (default)	True
Flat list navigator like 12.1	Framework Tree	True
Configurable with Tree Navigator like 12.2	Framework Only (default)	False (default)
Configurable with Tree Navigator like 12.2	Framework Tree	False (default)
New Simple Home Page	Framework Simplified	N/A (overrides value)

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Simplified Home Page and UI Updates 12.2.9+

- Layout of the simplified home page is more user friendly
  - UI has been developed with the new Masonry Layout component
    - ✓ Allows the UI and global header to change based on device – tablet, phone, etc.
      - ➤ Buttons will be replaced with menus on smaller viewports
      - ➤ Avoids use of horizontal or vertical scroll bars
  - Configurable icon style – circular or square
    - ✓ Also see themes

Masonry Layout – Adjusts to Tablets / Phones (12.2.9+)

- Ipad view
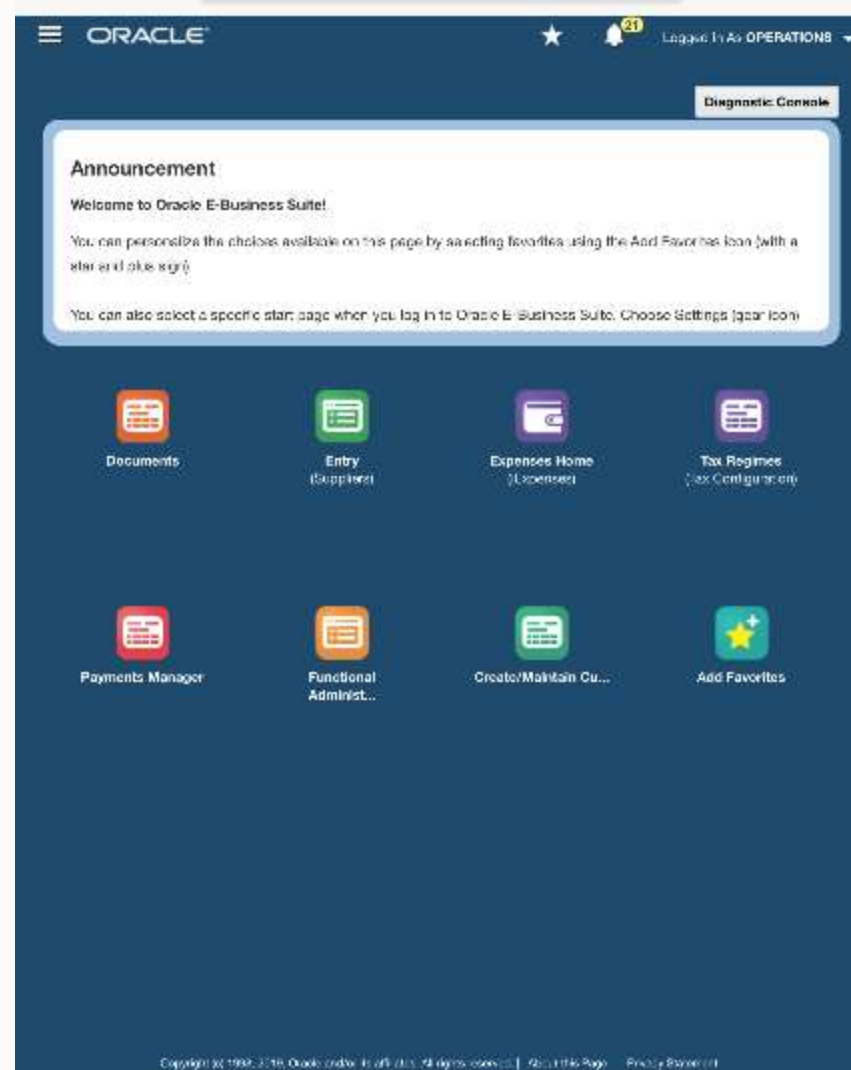
Simplified Home Page Updates

- 12.2.9 - Users can now search for both responsibilities and functions
- 12.2.13 – Navigator search performance was improved

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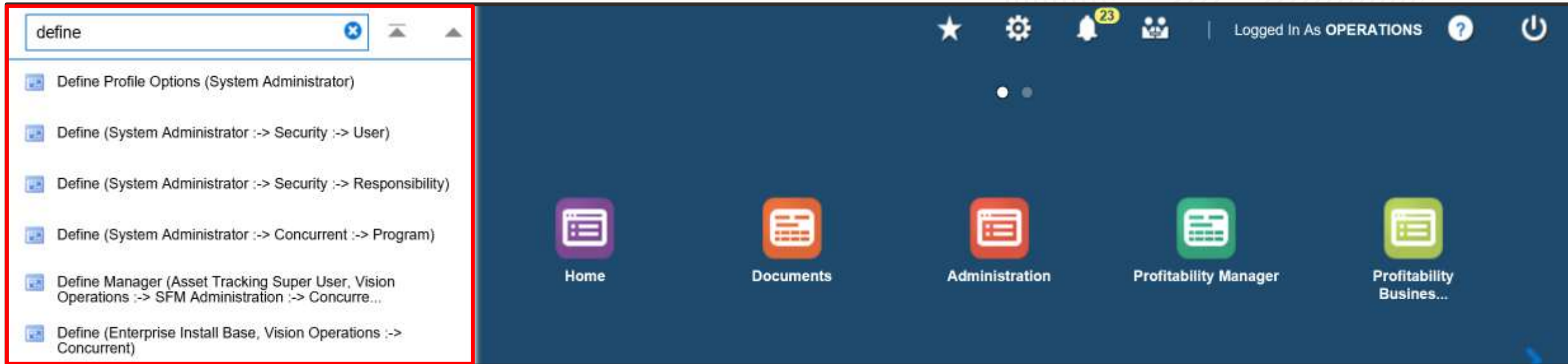
Simplified Home Page Updates

- My worklist popup – quicker access and ability to dismiss FYI notifications
  - 12.2.10 - My Worklist – Added Approve/Reject
  - 12.2.11 - My Worklist – Added Yes/No and True/False
- 12.2.13 – Last Successful Login is displayed on home page for security

Add to Favorites – Add outside link 12.2.7

- Click the Add to Favorites icon to add more favorites
  - Enter the prompt and responsibility and click the Go button
  - Check the box for the function needed and click the Apply button
- 12.2.7 New feature – Add outside link

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Add to Favorites – Add outside link 12.2.7

- Enter a function prompt and URL, check the open in new window box, then click the Apply button
  - Use this to provide seamless access to other third-party apps

New favorite on home page.

Important – check box so Oracle session is not clobbered

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Default Favorites 12.2.9+

- Administrators can set the default favorites Functional Administrator → Personalization → Favorites
  - Default favorites appear as "Suggested Favorites" to users
  - Find the function, chuck the box, Click Add to Default Favorites, then click Apply

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Adding Favorites – Quick select Using Icon 12.2.9+

- After clicking the Add to Favorites icon, default favorite icons appear
    - Only the suggested favorites that apply to the user based on their responsibilities and favorites already chosen are displayed
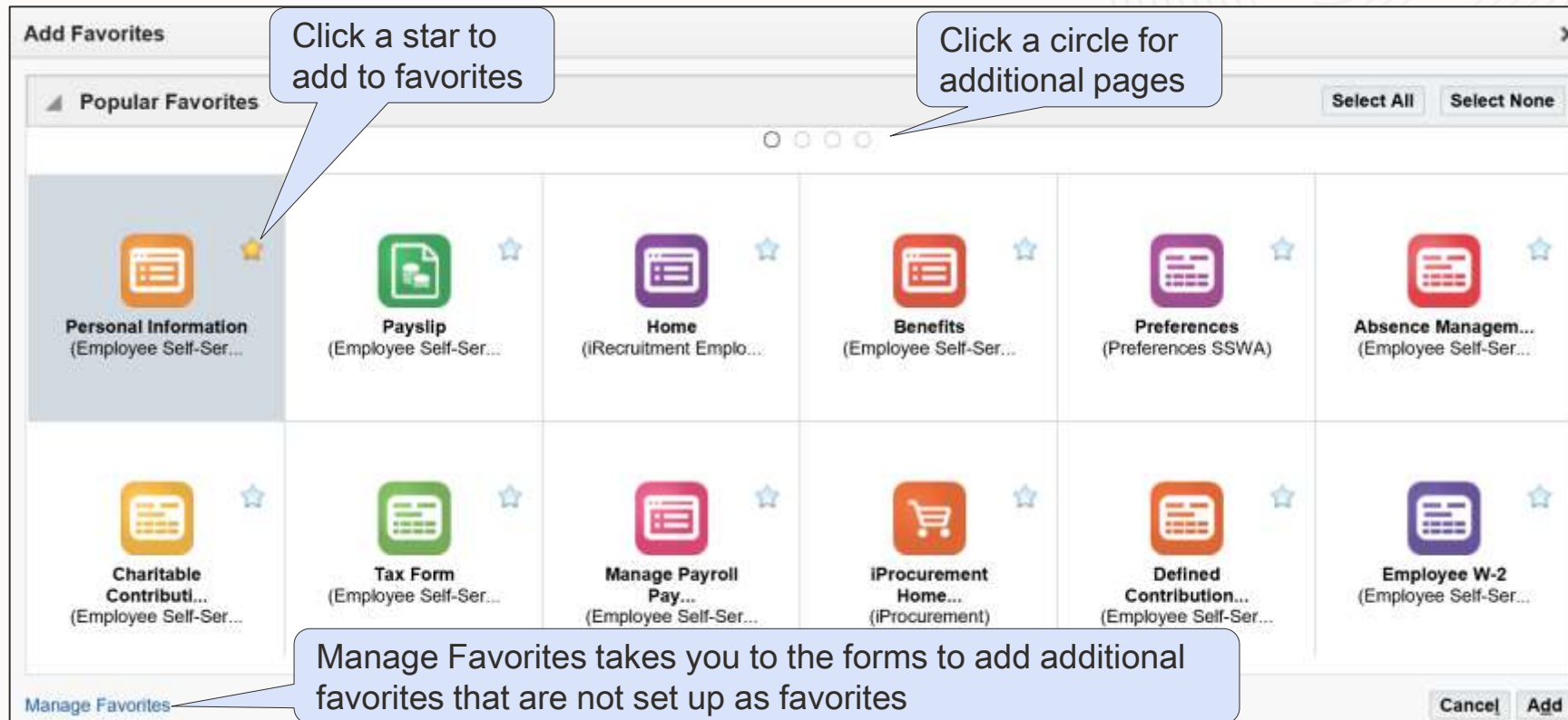
Default Favorites 12.2.9+

- Vote for enhancement request to provide API to assign favorites to user
    - https://community.oracle.com/mosc/discussion/4404337/create-admin-favorites-that-are-automatically-inherited-by-users#latest
- All Tech stack ideas: https://community.oracle.com/mosc/categories/technology_stack_-_ebs-ideas
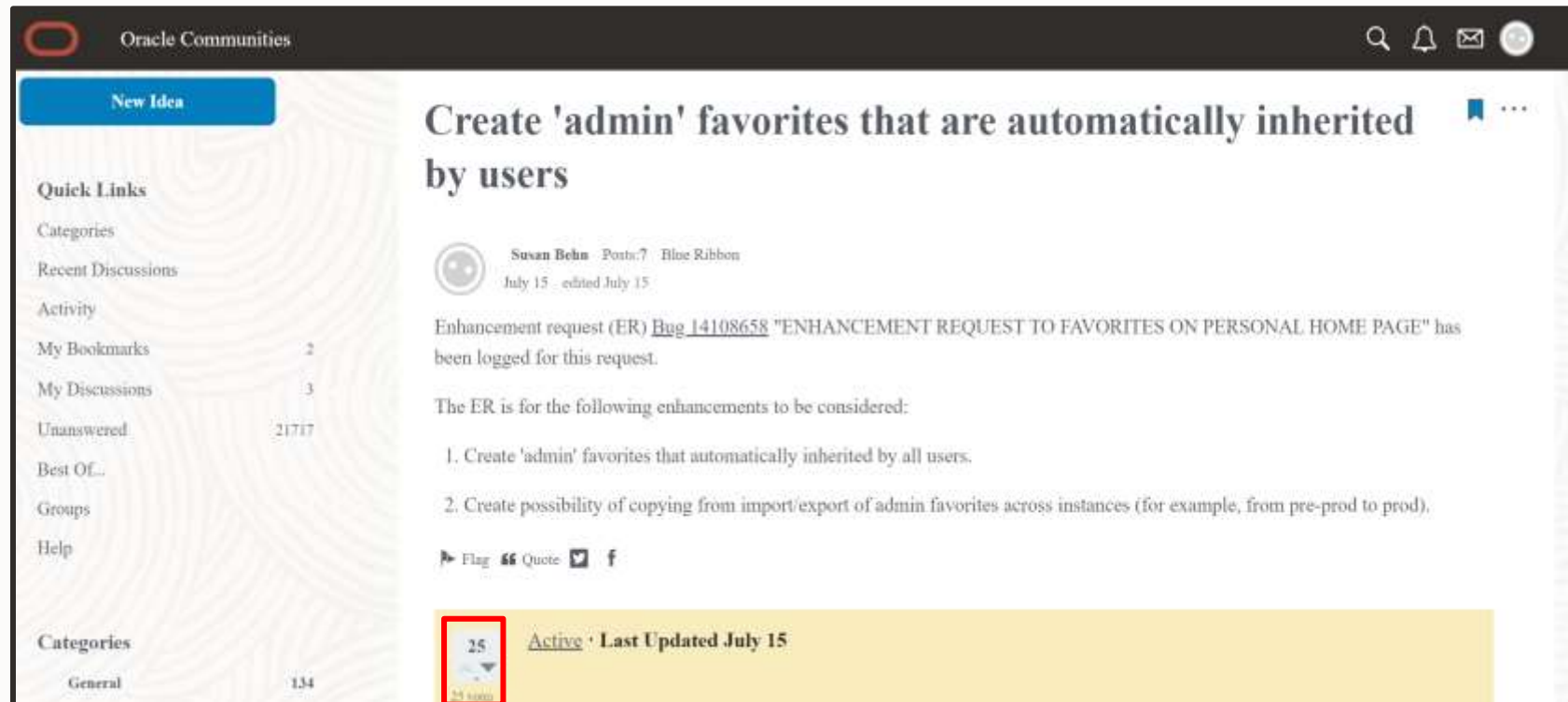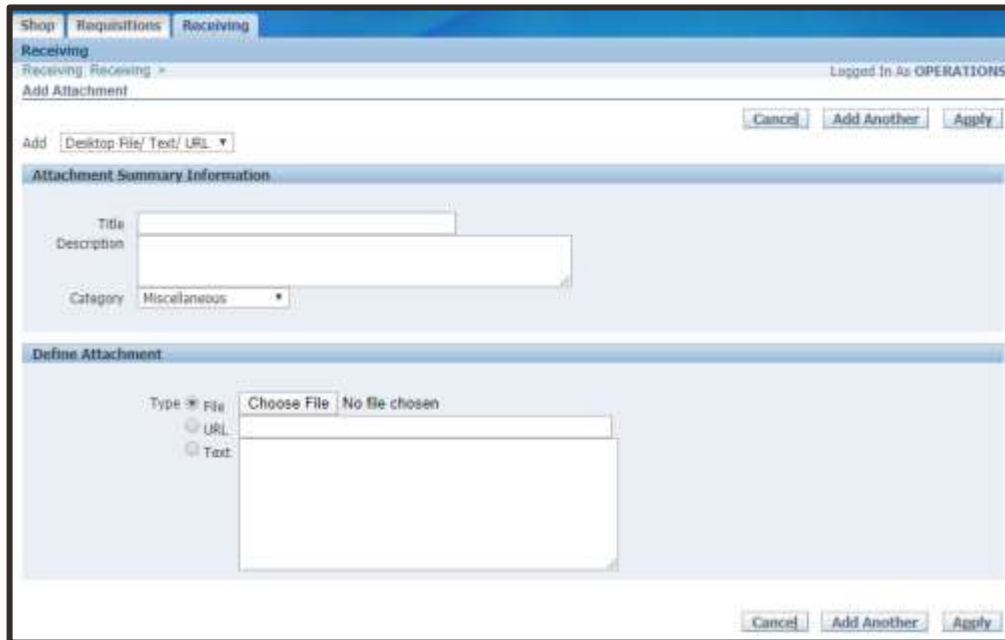
Vote on EBS ideas!

- From Cliff Godwin's presentation, June 2025 – voting matters!
  - https://community.oracle.com/mosc/categories/e-business-suite-ideas-lab

Delivering Customer Voted Ideas
Submit, Comment, and Vote on EBS Ideas in My Oracle Support

As of June 2025

High participation in EBS Ideation
since start in 2014

9.2K+ Ideas Created

3.2K+ Participating Organizations

Customer voting brings focus to high score ideas

1% Ideas with 20+ Org Votes

4% Ideas with 10-19 Org Votes

EBS delivers features based on customer voting

38% High Score Candidate Ideas Delivered

1K+ Total Ideas Delivered

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Simplified Attachment Pop-up 12.2.7

- 12.2.7+ Shows # of attachments and open as a pop-up (better for tablets)
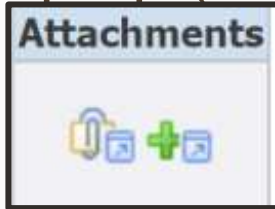
- Earlier releases show paperclip holding paper and open a separate page
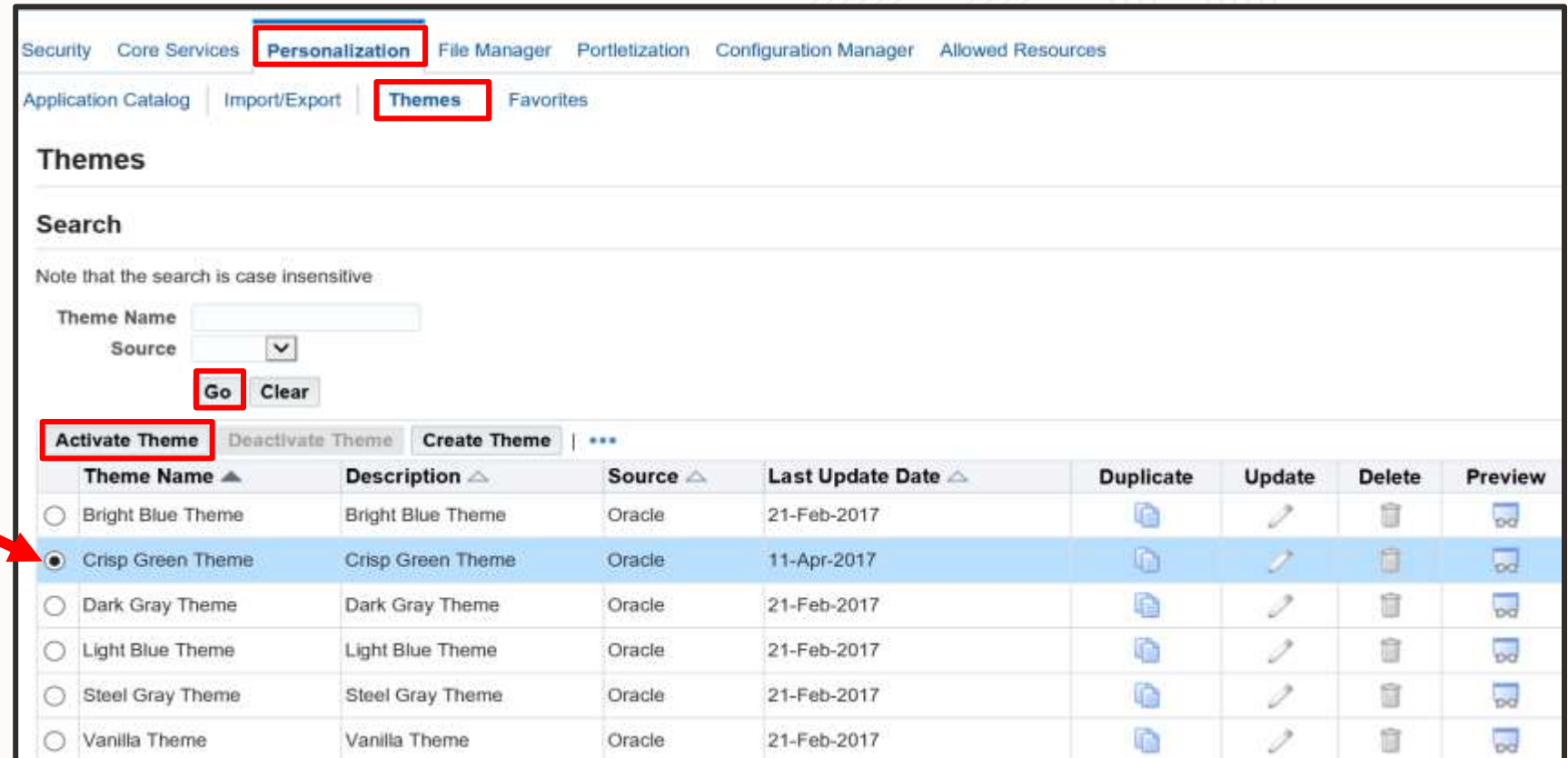
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Attachment Security – 12.2.13

- FND Attachment Antivirus Software Type – specify virus software to use to scan attachments at the site level
  - SYMANTEC or NONE are currently the only supported options
- FND Attachment Antivirus Server – specify server where virus software is located at the site level
  - Example: www.Symantec.com
- FND: Disable Virus Scan
  - If Yes, must set the two previous profile options

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Themes 12.2.7

- Themes allow users to change the Look and Feel on OAF Pages
- Go to Functional Administrator → Personalization → Themes
- Click Go
- Click a radio button for a theme, then click Activate Theme
- Recommendation – Use a different theme for production, test, development and other environments
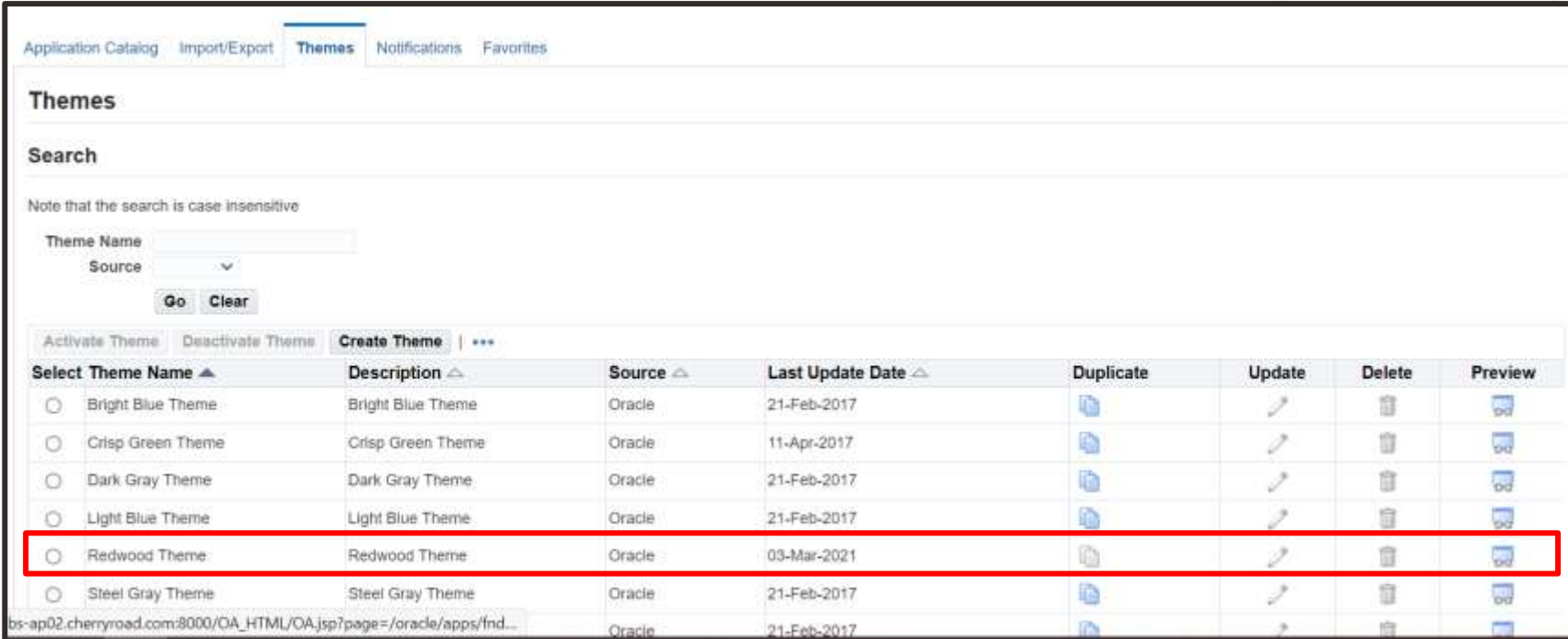
Security   Core Services   **Personalization**   File Manager   Portletization   Configuration Manager   Allowed Resources

Application Catalog | Import/Export | **Themes**   Favorites

Themes

Search

Note that the search is case insensitive

Theme Name [   ]

Source [▼]

[Go] [Clear]

[Activate Theme]   Deactivate Theme | [Create Theme] | •••

	Theme Name ▲	Description △	Source △	Last Update Date △	Duplicate	Update	Delete	Preview
○	Bright Blue Theme	Bright Blue Theme	Oracle	21-Feb-2017	🗐	✎	🗑	👓
◉	Crisp Green Theme	Crisp Green Theme	Oracle	11-Apr-2017	🗐	✎	🗑	👓
○	Dark Gray Theme	Dark Gray Theme	Oracle	21-Feb-2017	🗐	✎	🗑	👓
○	Light Blue Theme	Light Blue Theme	Oracle	21-Feb-2017	🗐	✎	🗑	👓
○	Steel Gray Theme	Steel Gray Theme	Oracle	21-Feb-2017	🗐	✎	🗑	👓
○	Vanilla Theme	Vanilla Theme	Oracle	21-Feb-2017	🗐	✎	🗑	👓

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Themes 12.2.11

- The Redwood theme was added in 12.2.11
- 12.2.13 – Redwood theme extended and used by default on some pages
- 12.2.15 the Redwood theme is now the default theme and new colors incorporated

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Themes 12.2.7

- I deactivated this one right away…a little bright for me

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Themes 12.2.7

- Use the Create Theme button on the previous slide to create your own custom theme to match your corporate colors

Color Picker Enhancement 12.2.9+

- 12.2.9+ The color picker user interface now uses an enhanced color spectrum and color swatch

- Earlier Releases

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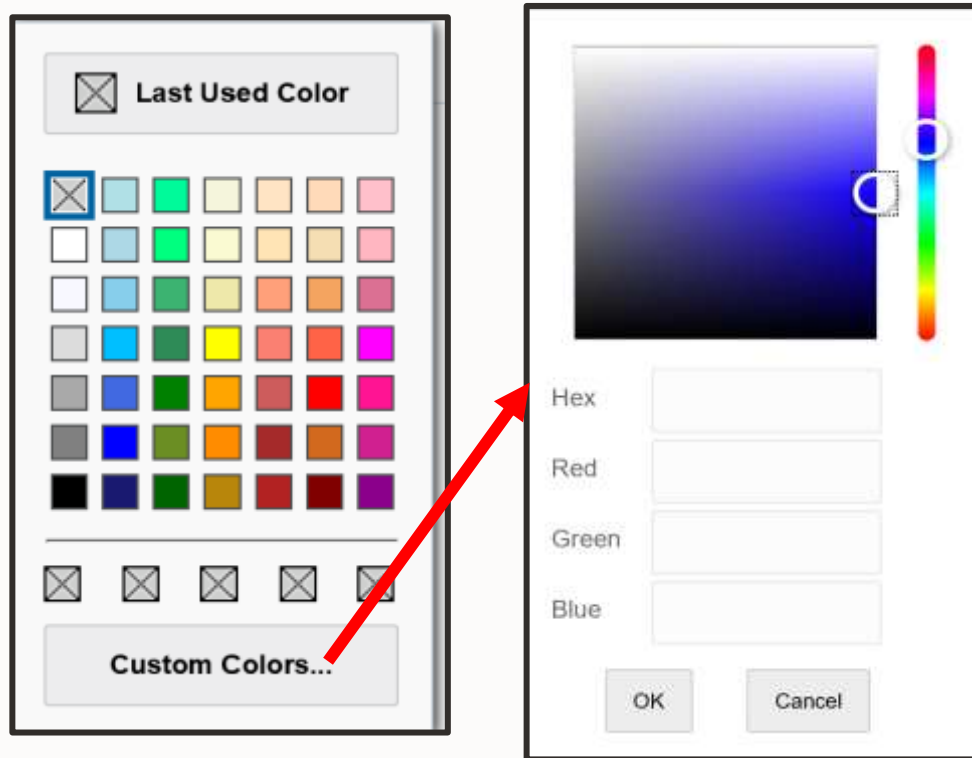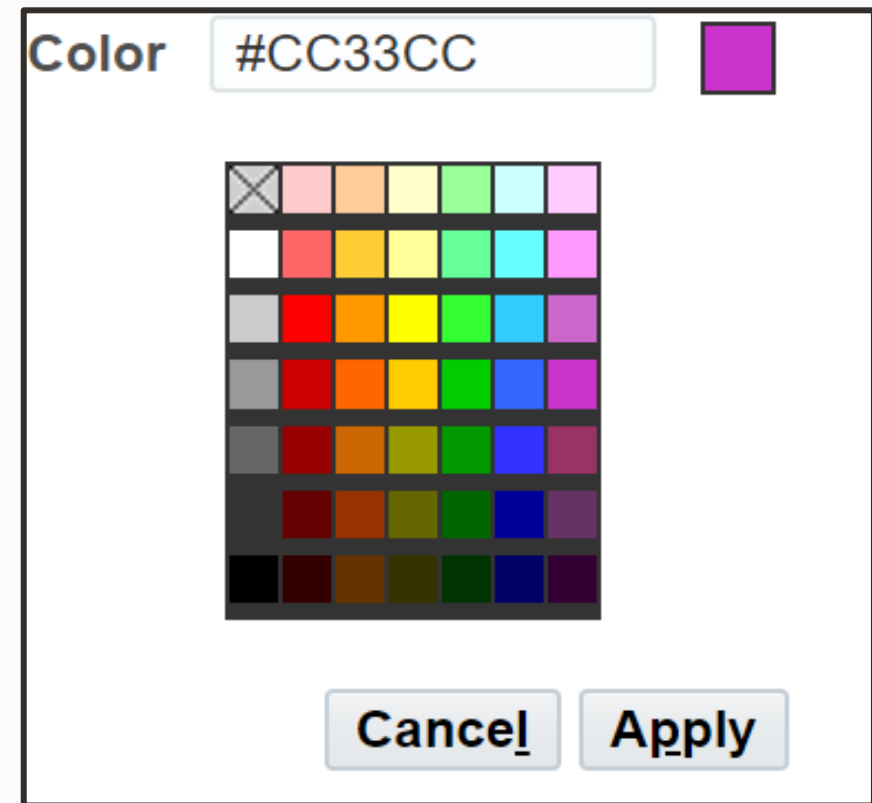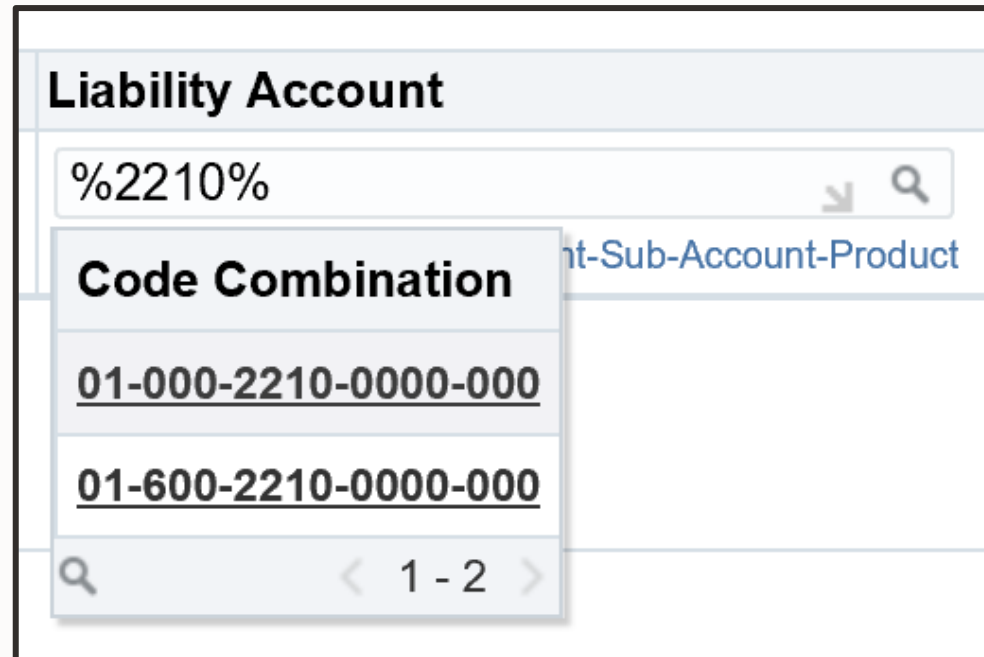
Multi-column search in look-ahead LOV 12.2.7

- Multi-column search allows searching on all search-allowed columns for the look-ahead LOV instead of just the first column
- This is enabled for the accounting Flexfield as an example in EBS
- Developers set the property "Look Ahead Multi Column Search Enabled" to True

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Infotiles

- 12.2.8
  - Warehouse Task Management OAF Page
- 12.2.9+
  - With list search, users can view saved table searches as infotiles
    - ✓ Set FND : Enable Infotile View for Query Beans to True to see Infotiles
- 12.2.10
  - Added to Inventory - Search Reservations
  - Added to Installed Base - Transaction Interface Search
- Example – Logistics Manager → Shipping Operations Page
- 12.2.11
  - Static and dynamic color-coding functionality added

Date Picker Enhancements

- 12.2.4 – Date picker enhanced to support time
- 12.2.9+ - The date picker now uses a HTML window instead of using a modal browser window – better for mobile devices

Earlier releases   12.2.9+

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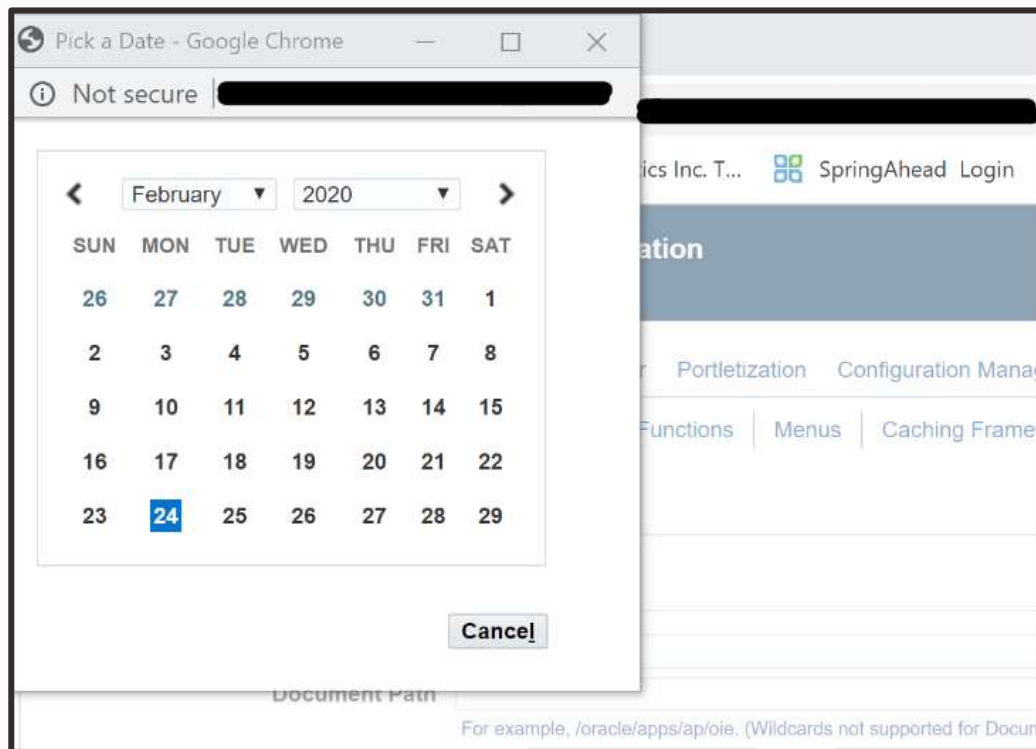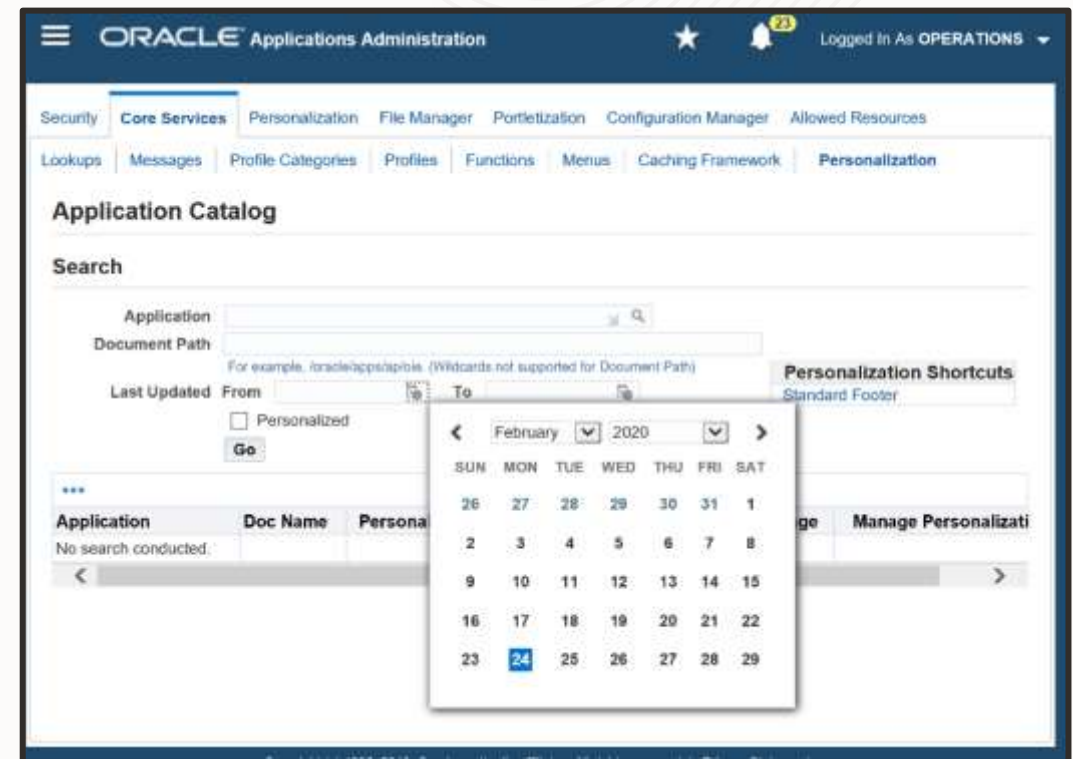
Simplified Table Toolbar 12.2.9+

- The table toolbar has been simplified to comply with the latest UI design
  - Previous versions show icons for Refresh, Detach, Columns, Freeze, and Reset on the toolbar
  - In 12.2.9+, these are a popup displayed by clicking the ••• to display the action menu
- Set the profile option FND: Enable Simplified Table Control Bar
  - True – displays •••
  - False - displays the icons as in previous releases

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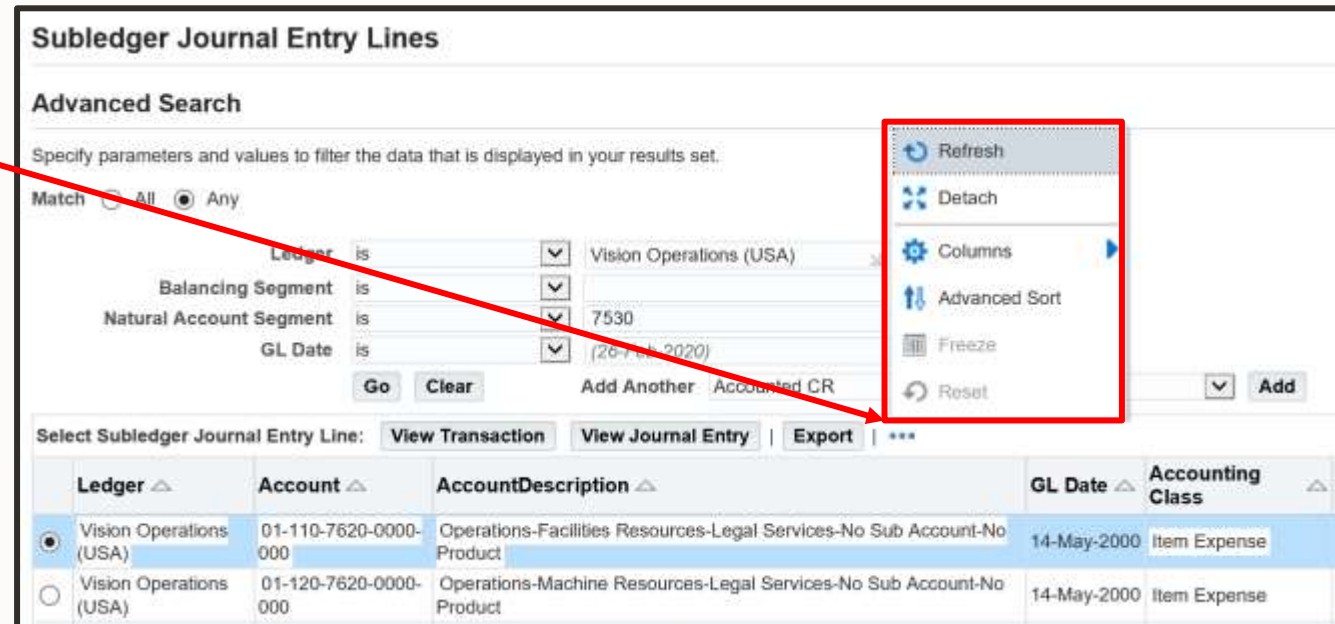
Export OAF Table Data to PDF 12.2.10+

- Users can now export Oracle Application Framework table data to a PDF file
- Control for both excel and pdf is by setting the profile option FND: Enable BNE Table Integration to true

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Rich Table Interactions

- R12.2.3 - Rich table interactions introduced
  - FND: Enable Rich Table Interactions – Set to Yes
  - Oracle Applications Look and Feel – Set to null (Null forces the correct default by release)
- 12.2.9 - Rich table interactions support added for the following table types
  - Descriptive flexfields rendered as a pop-up
  - Tables with a key flexfield displaying the combinations list of values
  - Example – before 12.2.9+, rich table interactions were not supported on the supplier sites page shown below because it includes a key flexfield

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Rich Table Interactions Video clip

1. Move-drag and drop
2. Hide column
3. Freeze column
4. Unfreeze
5. Gear – move columns
6. Change column width
7. Reset

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Saved Searches

- Save Search / Create View
- If there are no existing saved searches, start with:
  - Save Search – SLA
  - Create View – Account Analysis
- Personalize button – Appears if you already have created a saved search

- Don't confuse this with OAF personalizations
  - 12.2.7 –used in Buyers Work Center
  - 12.2.10 – used in some pages such as SLA Journal Entry Lines
  - 12.2.12 – SLA and Account analysis use List Search

- List Search – 12.2.9+
  - Set FND: Enable List Search profile option to True
  - Implemented in EBS on pages with key business transactions such as
    - ✓ iProcurement Catalog
    - ✓ Orders
    - ✓ Project costing expenditure inquiry
    - ✓ Purchasing buyer work center
  - 12.2.10 new features
    - ✓ Advanced sorting
    - ✓ Manage saved searches

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Payables Subledger Journal Entry Lines Saved Search – End Users

Payables Subledger Journal Entry Lines Saved Search

- Payables→Subledger Accounting→Journal Entry Lines
- To create a view without access to OAF personalizations, create a saved search
  - The advantage is this can be done by end users without access to the "Personalize Page" link

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Payables Subledger Journal Entry Lines Saved Search

- At a minimum, enter a name for the new search
- Then scroll down on the page to the Column Properties section
- Choose the columns for this view and move them to the displayed columns using the arrow
- Optionally click Rename Columns and Show Totals
- Optionally choose sort columns
- Click Apply

Optional: Rename columns and select columns to total

Reorder columns with these arrows

Optional: Choose sort columns here

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Payables Subledger Journal Entry Lines Saved Search

- Optional step: If the Rename Columns and Show Totals button on the previous slide was clicked, the popup below will appear
    - Rename columns if needed
    - Click the check boxes for numeric columns where you want totals
- Click Apply

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Payables Subledger Journal Entry Lines Saved Search

- Click Apply (if no search criteria)
- Click Apply and View Results if there is search criteria
  - Consider creating an OAF personalization to hide the Apply and View Results button

If there is no search criteria, clicking **Apply and View Results** will execute a full query which is NOT recommended; Recommend using the Apply button

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Payables Subledger Journal Entry Lines Saved Search

- If Apply was clicked on the previous page, click Apply again on this page

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Payables Subledger Journal Entry Lines Saved Search

- In my example, since this search was created without search criteria, click Personalize to modify the search criteria

Payables Subledger Journal Entry Lines Saved Search

- Enter the search criteria
- Now with the search criteria, click Apply and View Results

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Payables Subledger Journal Entry Lines Saved Search

- If it is a significant risk at your organization that users will do full searches, train users to save the view with limited search criteria
  - Since they are going to likely change it anyway, this would be the best practice
  - The last saved search criteria will apply until a user changes the criteria
- If there is no need to modify the criteria, the user can select the saved search and click GO

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List Search – Buyers Work Center

List Search – Saving and Personalizing 12.2.9

- List search replaces the Create View/Save Search button
- Set the FND: Enable List Search profile option to 'True'

List Search - Advanced Sort 12.2.10+

- Click on the **•••** to display the toolbar
- Click Advanced Sort
  - Choose the sort orders in the popup, then click OK

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List Search - Manage Save Searches Enhancements

- 12.2.10 List Search filters now support flexfields

- 12.2.10 The manage saved search popup has been streamlined and enhanced to provide more details and enable notifications for personal saved searches created by users
  - Click the drop down next to the list of saved searches
  - Click Manage Saved Searches
  - Click the trash can to delete searches
  - 12.2.11 Click the alert flag to set up alerts

- 12.2.11 For pages that support infotiles, notifications can be added to the tile to report a change in the data in a search
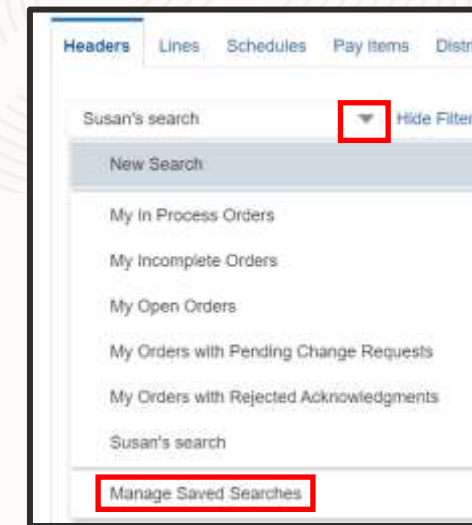
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List Search - Manage Save Searches Enhancements

- To set up the saved search notification
- Choose the type
  - All Rows – sends all rows
  - Rows Inserted – sends only new rows added since the last report
  - Threshold Exceeded for total records on the search – sends a report only when the record count exceeds a threshold
- Complete remaining parameters

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List Search - Manage Save Searches Enhancements

- 12.2.11 - Saved Search Notifications / alerts require a role and the workflow mailer
  - Set up the workflow mailer
  - User must have an active email id
  - Set FND : Enable Infotile View for Query Beans to True to see Infotiles
  - Assign the seeded Saved Search Notifications role to the user in the User Management responsibility

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Query by Example (QBE) on Advanced tables 12.2.9+

- Set the profile option FND: Enable Rich Table Interactions = True
- Click the filter icon
- Use Query Operators such as =, !=, <>, >=, <, <=
- Click enter to submit query
- Not available on tables with List Search
- Examples
  - Oracle Spares Planners Workbench
  - Oracle Service – Service Requests

Query Operators		
Operator	Meaning	Example Expression
=	equals	= 'Janet', = 107
!= or <>	is not	!= 'Bob', != 109
>	greater than	> 99.1, > '01-JAN-04'
>=	at least	>= 55
<	less than	< 1000.00
<=	at most	<= 100

Service Requests | Tasks

▲ My Service Requests (6)   Click to open row for QBE

Number ▲	Summary △	Escalated △	Escalation Level △	Severity △	Status	Type △
=37256						
37256	Power supply is broken			High	Open	Internal: IT Issues

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Record History

Record History 12.2.9+

- More tables with record history are enabled in each new release
  - 12.0.6 - Record History now shows the username rather than user ID for the 'Last Updated By' and 'Created By' fields
  - 12.0.6 - Set FND: Record History Enabled to Yes to enable record history for a Header, Table or Advanced Table region
  - If #1 doesn't work, click Personalize Page to try a personalization to turn on record history for a specific region

Record History 12.2.9+ - Personalization Workbench

- Click in the "Supplier Sites" region and then on the Properties palette on the left, scroll down to set "Record History Enabled" to true
- Then scroll back up to click Save and Return to Application

4. Return to Application

* Personalization Workbench View

3. Save

1. Click in this region

2. Set to True

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Record History 12.2.9+

- Choose a site and click the record history icon that is now on the page

Record history icon now shown for Supplier Sites; Click for record history popup

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Flexfield Enhancements

Flexfields Registration HTML UI 12.2.6

- The form to register key flexfields and descriptive flexfields and search for registered flexfields is now available in OAF pages
- Application Developer → Flexfield → Key

Open Key Flexfield Window by Default 12.2.4

- The profile option Flexfields: Open Key Window On Default controls whether a flexfield window will open when a user presses Tab to leave a concatenated key flexfield field
  - Set to Yes to always open the window for the user to view and/or edit segments
  - Set to No, to allow the user to tab through and accept defaults
- It is common for this behavior to be different by application so consider setting this profile option at the application level
  - Example 1 – most users entering a requisition will not change the accounting flexfield so set the profile option to no for iProcurment responsibilities
  - Example 2 – most users in payables responsibilities are updating the accounting flexfield so set the profile option to yes for all payables responsibilities

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Read-Only Flexfields Segments Capability 12.2.9+

- Flexfield segments can now be defined as read-only by unchecking the Insertable and Updatable checkbox when defining flexfield segments

- Flexfield segments used as concurrent program parameters can be defined to be read-only by unchecking the Allow Update checkbox on the parameters page for the concurrent program definition

New checkboxes in 12.2.9+

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Key Flexfield LOV Pop-up 12.2.9+

- The key flexfield combinations list of values window now appears as a pop-up by default instead of in a browser window
- FND: Enable Open LOV In Popup profile option
  - True – popup which is better for tablets
  - False - use the modal browser window as in previous releases

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Personalization Workbench

Personalization Workbench Enhancements 12.2.9+

- The Personalization Workbench now uses a masonry layout with accordion views for the property and component palettes
- Support is also added for some Rich Table Interactions
  - Hiding and reordering columns
  - Page-level buttons
  - Return to" navigation link

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Personalization Workbench – Earlier releases

- Note the component palette on the left and property palette on the right

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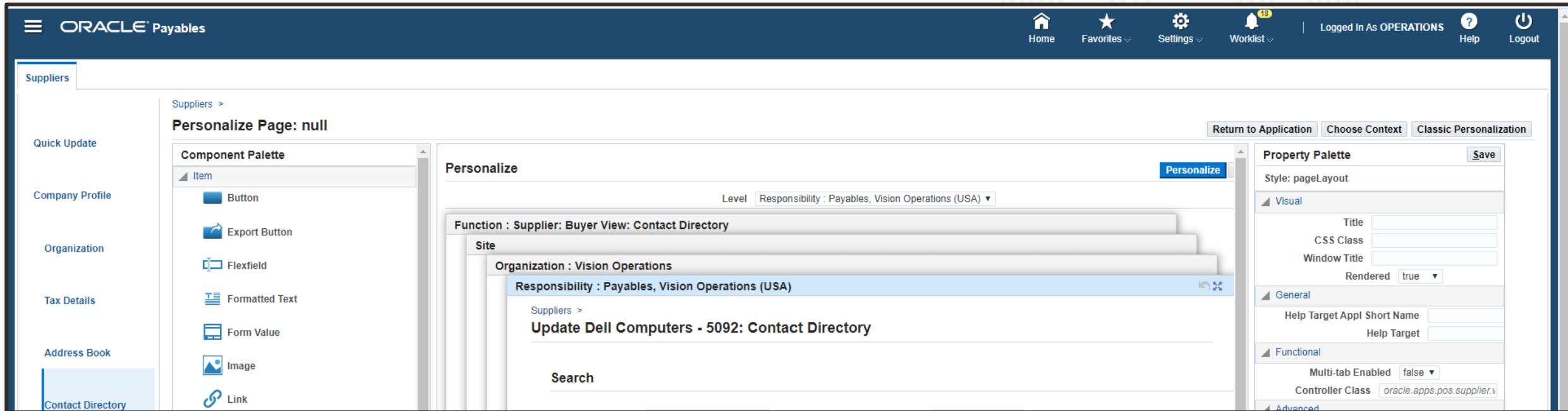
Personalization Workbench 12.2.9+

- In 12.2.9+ the component and properties palettes are moved to the left

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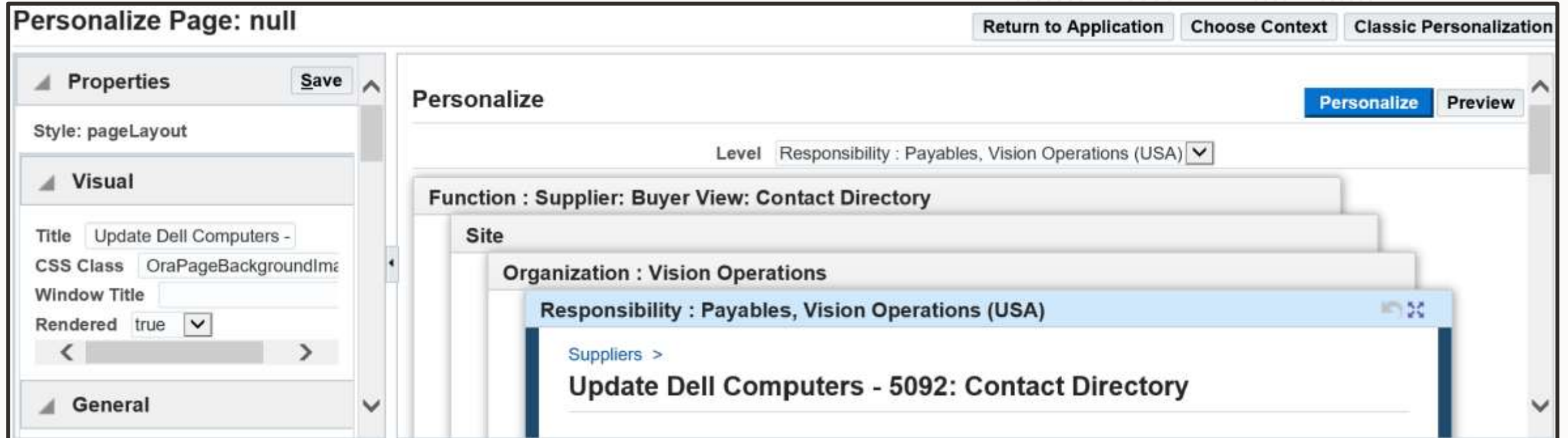
Personalization Workbench 12.2.9+

- The accordion features allows the user to expand the properties or components palette using arrows
- Components are displayed as icons

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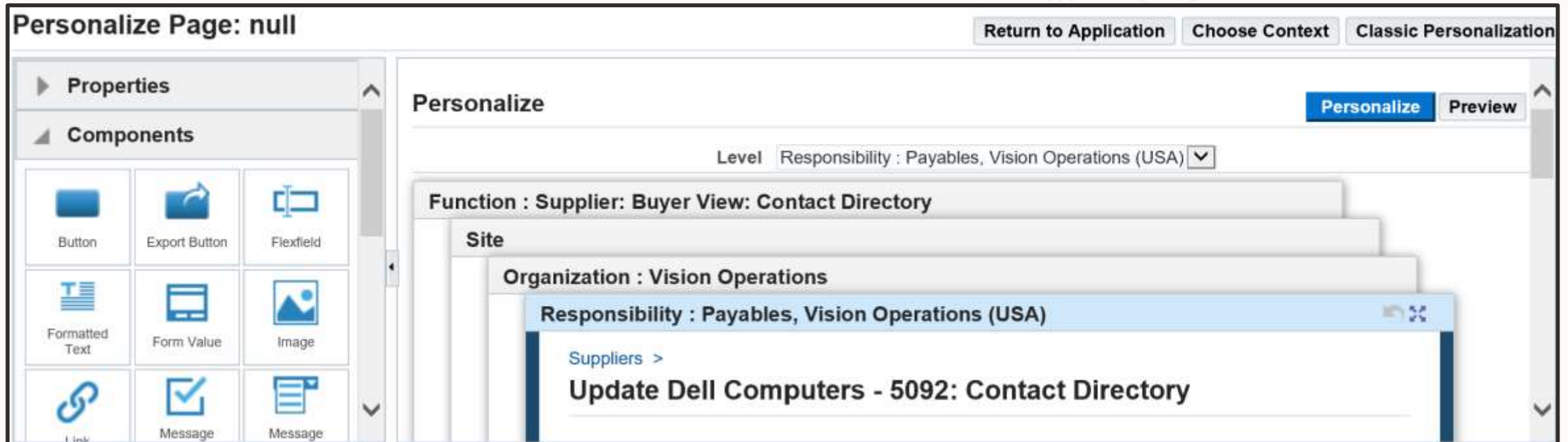
Personalization Workbench 12.2.9+

- Rich table interaction allows the user to hide or resize the left panel
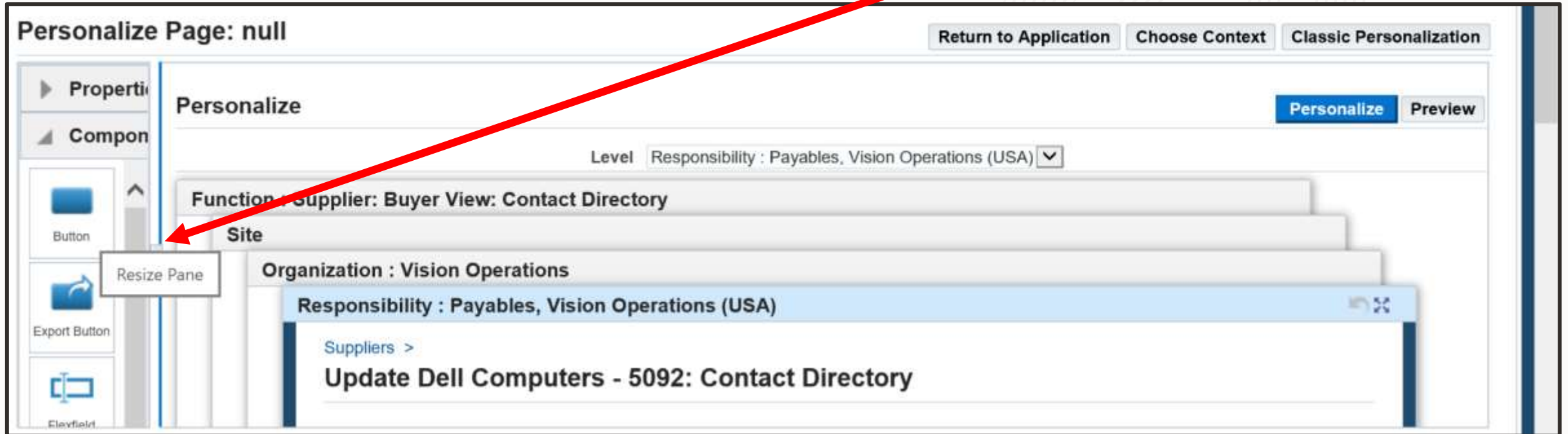
Concurrent Processing

Concurrent Output File Naming Conventions 12.2.9+

- The output file naming conventions for Concurrent Processing have changed
- Options for the $APPCPNAM variable to allow configuration of the output file name:
  - USER.REQID – Results in username.request
  - REQID.OUT – Results in o<requestid>.out
  - NULL (Default) – Results in o<requestid>.<extension> with the extension derived from the request output type as follows:
    - ✓ Text - .txt
    - ✓ PDF - .pdf
    - ✓ HTML - .html
    - ✓ XML - .xml
    - ✓ Postscript - .ps
    - ✓ PCL - .pcl

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Concurrent Request Viewer Options 12.2.12+

- System Adminstrator → Install → Viewer Options
- Associate file extensions to the File Format/Mime Type to launch the correct program to view the output

Viewer Options

File Format	Mime Type	Description	File Extension	Allow Native Client Encoding
E-Text	text/plain	Browser		☑
Excel	application/vnd.ms-excel	Microsoft Excel	.xlsx	☑
FO	text/xml	Browser		☑
HTML	text/html	Browser		☑
PCL	application/vnd.hp-PCL	Printer Control Language		☐
PDF	application/pdf	Browser	.pdf	☐
PostScript	application/postscript	Browser		☐
RTF	application/rtf	Microsoft Word		☑
Text	text/plain	Browser	.txt	☑
XML	text/xml	Browser		☑

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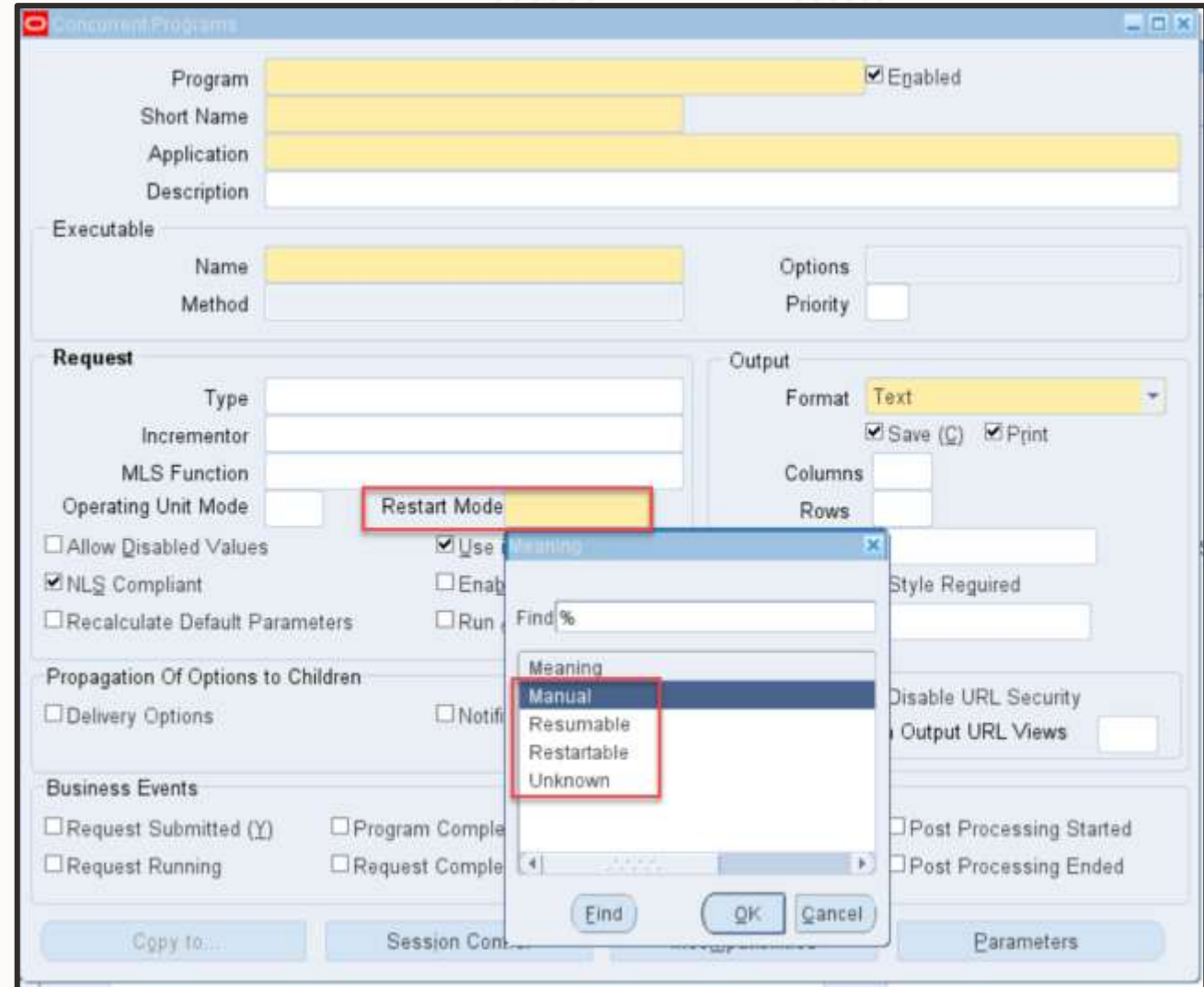
Set max for number of url views (12.2.14)

- Concurrent Program → Define has new fields
- For security, you can set a maximum number of URL views in 12.2.14 by setting Maximum Output URL views to 1 or greater
- Check the Disable URL Security checkbox to ignore the maximum output number
- Caution – some browsers will prohibit this functionality – make sure this is well tested

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Concurrent request restart mode (12.2.14)

- Concurrent Program → Define has new fields
- The new Restart Mode field configures how a concurrent program can be restarted when the concurrent manager is restarted
    - Manual/Unknown – must be restarted by admin
    - Resumable – picks up where it left off
        - ✓ Code must support resuming a process
    - Restartable – restarts from beginning
- Seeded programs are set to a value supported by that specific request
    - See the product-specific documentation for details

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Secure Configuration Console

Secure Configuration Console Enhancements

- 12.2.6+ – The Secure Configuration Console UI provides central UI to configure security features

Secure Configuration Console Enhancements 12.2.9+

- Verification of security configurations is now required
  - EBS is locked down until the system administrator configures or acknowledges the recommended security configurations in the Secure Configuration Console to unlock the system for normal usage

  > ❌ **Error**
  >
  > **Oracle E-Business Suite has been placed into locked-down mode. Please contact system administrator for further assistance.**

  - Log into EBS using the local login page (http(s)://[host]:[port]/OA_HTML/AppsLocalLogin.jsp)
    - ✓ Navigate to the console and unlock the system
    - ✓ If a user with local system administrator privileges is not available, you can access the Secure Configuration Console through a command line utility AdminSecurityCfg
    - ✓ For more information, see "Secure Configuration Console" in the Oracle E-Business Suite Security Guide, Part No. E22952

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Secure Configuration Console Enhancements

- 12.2.10+ – The Secure Configuration Console UI includes four new info tiles with predefined filters
  - Consider saved search notifications for these searches

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Secure Configuration Console Enhancements

- Access to the Secure Configuration Console
  - System Administrator → Oracle Applications Manager → Dashboard → Security → Secure Configuration Console
  - Functional Administrator → Configuration Manager
- Additional security checks added to the secure console in 12.2.7+
  - Clickjacking Protection
  - Diagnostic Web Pages Protected
  - PUBLIC Privileges
  - Workflow Email Link Login
  - Allowed Resources Configuration
  - Allowed Resources Whitelist Configuration
  - Database Parameters (init*.ora)
  - Database Password Profiles
  - iRecruitment File Upload Profile
  - Workflow Admin Access
- Additional security checks added to the secure console in 12.2.10+
  - Database Network Access Control List

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Secure Configuration Console Enhancements

- Additional security checks added to the secure console in 12.2.10
  - Database Network Access Control List
- Additional security checks added to the secure console in 12.2.11
  - CPU Level
  - FND Global File Manager Authorization
  - Unused Resources
  - Increased Severity to Sev 1 for Allowed Resources Configuration Check
- Additional security checks added or updated to the secure console in 12.2.15
  - Unified Auditing is enabled
  - Allowed Resources that are unused are denied (Updated to disable check if allowed resources is not enabled)
  - Critical security profile values are set correctly (Updated to confirm developer console is disabled)
  - Database users default passwords have been changed to non-default values (Updated to no longer check databases prior to 11.2.0.4)
  - Oracle E-Business Suite CPU patch level is the expected level or later (Updated to default to verifying the last CPU has been applied)

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Diagnostic Console Enhancements 12.2.9 and 12.2.12+

- Diagnostics console button appears on the home page when the profile option **FND: Diagnostics** is set to Yes
  - Quicker way to clear cache
- 12.2.12 – Set the new profile option "FND: Disable Diagnostic Console" to "Yes" to hide the button

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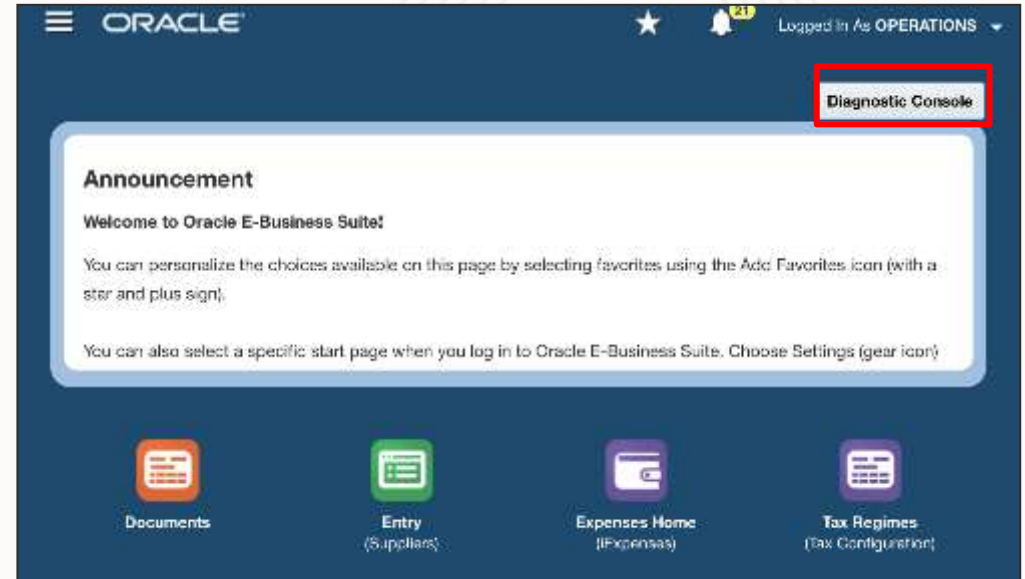
Flexfield Value Set Security
Security Wizards

Flexfields | Validation | Values

- Access to internal bank configuration must be configured starting in 12.1.x
- Access to Key Flexfield values or Value Set Values shown in screen shot must be configured starting in 12.2

Flexfield Value Sets: Security Administration Setup Recommendations

- If Security is centrally maintained by IT support group:
  - System Administrator responsibility should be assigned the role "Flexfield Value Set Security: All Privileges" as backup to all Super Users
    - ✓ This role is seeded – use Role Hierarchy to assign role
    - ✓ Sets behavior to same as 12.1
      - ➢ Many organizations used this to avoid configuring new functionaliy; time to reconsider
- If Security is distributed (e.g., GL group creates new accounting flexfield values)
  - Super User responsibility receives access to KFF and DFF for the application
    - ✓ Shared applications go to most appropriate super user (HR, Inv)
    - ✓ If further delineation is needed, assign by KFF structure or specific value set
  - Value Sets for Concurrent Programs should be assigned to the role that registers new Concurrent Programs (typically Application Developer or System Administrator)
  - Value Sets used for other purposes should be assigned to Super User role associated with the use of the value set or just System Administrator

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Security Wizards - Overview

- Security wizards create grants through guided navigation path
  - Avoids need to know information not displayed on the screens such as application_id, value_set_id, etc.
- Grant specific action(s) on a specific instance(s) of a given object to a specified role or responsibility
  - Example: Allow responsibility Payables Manager to create banks for the Vision Operations legal entity
  - Example: Allow responsibility General Ledger Super User to update all value sets for GL key flexfields

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Available Security Wizards

- 12.1.3
  - CE UMX Security Wizard
    - ✓ Enables access to banks by role and legal entity
  - User Management : Security Administration Setup
    - ✓ Enables selected abilities to manage users associated with Employee, Customer and/or Supplier
- 12.2
  - (added 12.2.4) Concurrent Processing: Security Administration Setup
    - ✓ Profile Option "Concurrent Report Access Level" became obsolete in 12.1; Use security wizard to grant access needed
  - (added 12.2.6) Flexfield Value Sets: Security Administration Setup
    - ✓ Enables access to Value Sets by application, flexfield, structure, individual segment, report, or value set

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Additional Training

- More extensive training on User management, Value Set Security and Security Wizards is available
    - [2020 UMX Part I - User Management for Beginners 2020.pdf](#)
    - [UMX Part II Data Security Wizards and Proxy Users.pdf](#)
    - [2020 UMX Part III - Automate user creation and role assignments.pdf](#)

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Workflow 12.2.5 – 12.2.10+ Enhancements

Workflow Enhancements 12.2.3 – 12.2.5

- 12.2.3 – Request for more Information transfer
  - User or workflow administrator can transfer a request for more information
    - ✓ Can include a comment to the transferee
    - ✓ Date sent will display the date of the reassignment
    - ✓ Notification Details Page displays status showing a request for more information has been transferred with the comment
- 12.2.4 - Worklist Access
  - The worklist access button has been removed and replaced with proxy user access functionality
- 12.2.5 - Attachments
  - Attachments can be included in notifications that include an OAF region that includes in line attachments
- 12.2.5 - Multiple email addresses
  - Notifications are sent to each email address stored for the user

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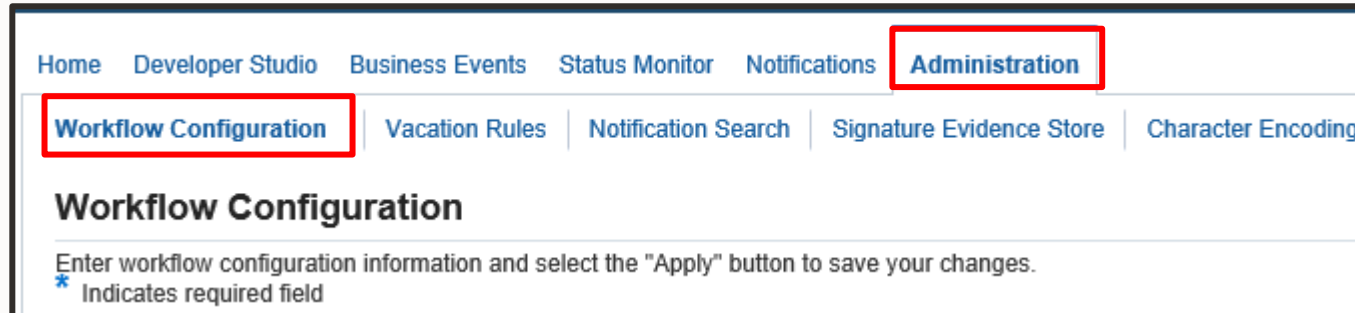
Workflow Enhancements 12.2.9 - 12.2.10+

- 12.2.9 - Action History Enhancement
  - You can now include the action history table in a notification with the Expand Roles option
- 12.2.10 - Enhanced My Worklist Pop-Up
  - Set **WF: Enable Worklist Global Header Quick Actions** profile option to Y which is the default value
- 12.2.11
  - Support added for Yes/No or True/False responses
  - Ability to manually enable/disable email delivery for specific item types or specific messages
    - ✓ Provides added level of security for specific emails containing PII or other personal information such as many HR emails
    - ✓ Use the new Email Notification Preference field in the Workflow Configuration page to configure the messages that are eligible to be sent in e-mail
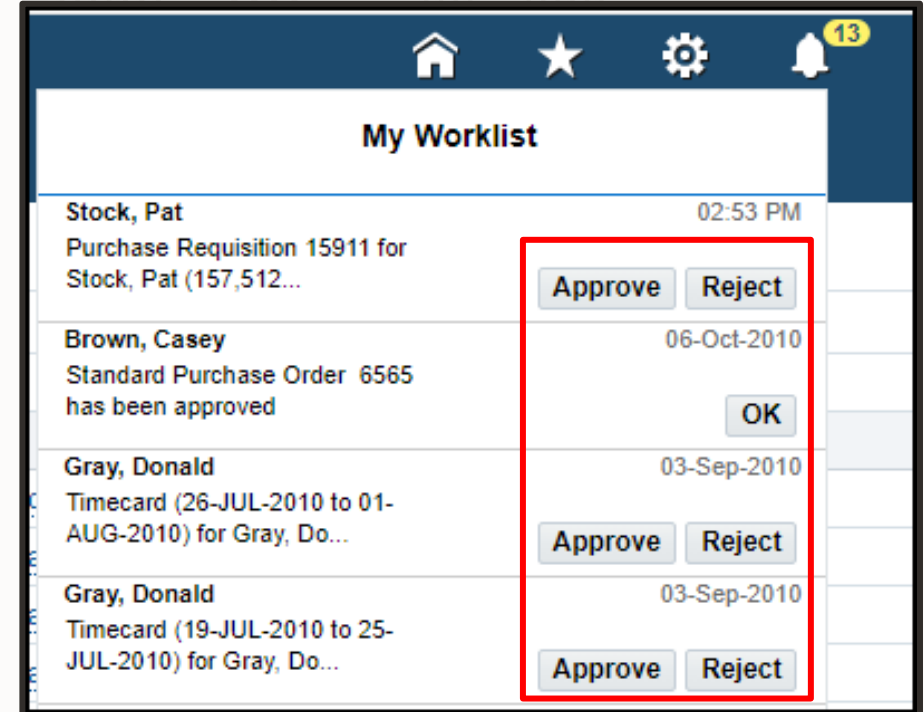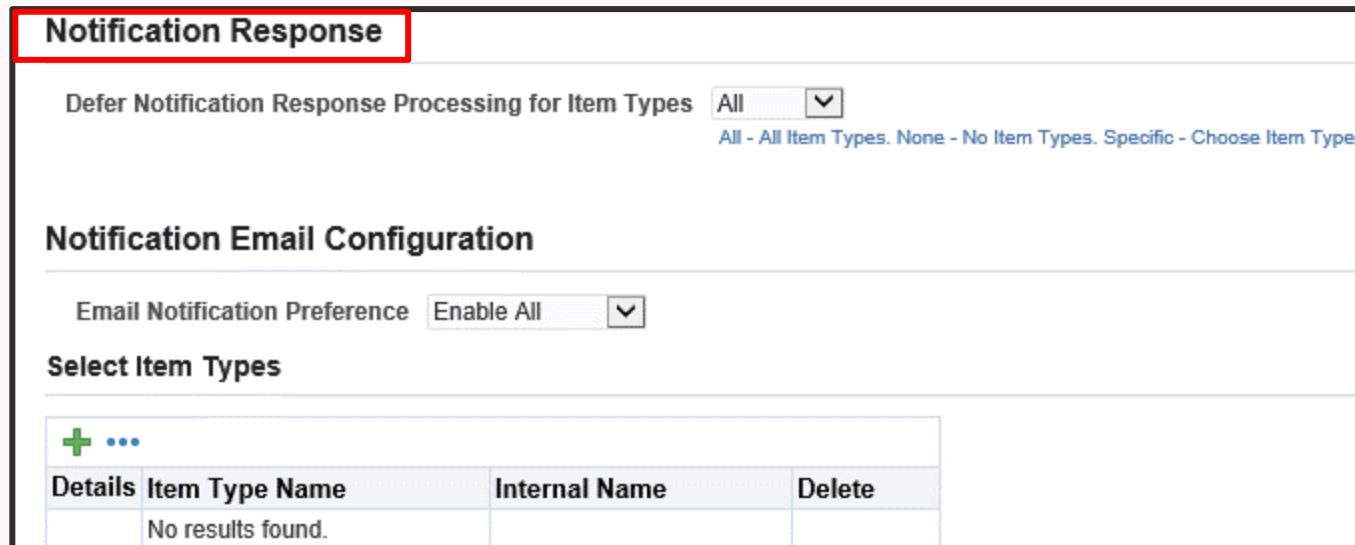
Workflow – Specify email delivery options – 12.2.9+

- Workflow → Administration → Workflow Configuration

- Scroll down to the Notification Response section

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Workflow – Specify email delivery options – 12.2.9+

- Default is **Enable All**
- Choose Enable Specific or Disable Specific
- Click the ➕
- Choose an Item Type, then click the arrow to expand
- Must select each message to disable
  - To select all, must click through each page (next 10) and check the top checkbox for all on each page

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Workflow – Specify email delivery options – 12.2.9+

- Pro tip: Personalize the page to set the records displayed to a higher number
    - Click Complete View radio button and Expand All link

Personalization Structure
○ Simple View   ● Complete View
Expand All Collapse All

    - Use <ctrl F> to search for "Select Workflow Messages"
    - Click the pencil to edit the next Advanced table

◢ Header: Select Workflow Messages	Yes		✏
◢ Advanced Table: (MsgLevelMailPrefRN.MsgTable)	Yes		✏

    - Set the "Records Displayed" property to a higher number

Records Displayed	Default	300	�

    - Click **Apply** and **return to Application**

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Workflow – Specify email delivery options – 12.2.9+

- Next and previous links are now gone because the number of rows is higher than the number of records

Now the checkbox in the header will select all messages

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Workflow – 12.2.13

- The new script, wfvcrdlt.sql will delete vacation rules for a specific user and/or before a particular date
  - Avoids having to delete one at a time through the UI
  - Deleting old rules improves performance
- The profile option "Workflow Mailer SMTP server size limit" can be set to limit the size of the body and any attachments for email notifications
  - Avoids errors that occur when emails exceed the mail server restrictions

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WebADI

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WebADI 12.2.5

- WebADI now supports Office Open XML (OOXML) standard
  - OOXML is a format developed by Microsoft for spreadsheets/other documents
    - ✓ Creates document on server and does validations on server
    - ✓ Smaller file size / Faster Uploads
    - ✓ More secure – does not require excel "trust" settings
  - Set the profile option BNE: Enable OOXML Standard to Yes
    - ✓ Starting in 12.2.6, default is Yes
  - Spreadsheets exported from OAF tables are always OOXML regardless of profile setting
  - If you are upgrading, you must rebuild templates unless you set profile option back to No

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WebADI Simplified Layout Page 12.2.5

- Set the new profile option, BNE: Enable Simplified Define Layout to Yes to use the simplified Define Layout page
  - Users enter all document parameters on a single page
  - If set to No, the old method is used to guide users through multiple pages to enter the layout properties
- Setting this profile option at the application level is recommended due to the different end user experience by application
  - Two end user access options depend on individual product implementations
    - ✓ The product integrates the generate spreadsheet functionality within its own functional page flow
    - ✓ Oracle Web Applications Desktop Integrator is used in the background to generate the spreadsheet (most common)
  - See the product-specific documentation for details on accessing the Desktop Integration functionality

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WebADI 12.2.5

- View of page with the BNE: Enable Simplified Define Layout profile option set to Yes

- Replaces five pages where parameters are requested on each page and user must click "next page" until all parameters are entered

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WebADI 12.2.5

- Click the save button to show the popup for shortcut info and settings

Issues with WebADI after Upgrade to 12.2.9+

- There are several known issues that may occur after the upgrade when using Budget Wizard and/or Desktop Integrator
  - Run the WebADI analyzer to identify patches or for additional troubleshooting – Proactive Support master note: MOS ID: 432.1

2762796.1	Financials: Desktop Integrator	Web Applications Desktop Integrator (Web ADI) Analyzer	200.1	3/26/2021

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- ==Only applies to professional forms – not OAF forms==
- Functional Administrator → Grants
  - Click the Create Grant Button, then enter a name, description and choose the grantee
    - ✓ A responsibility is a "Group of Users"
- Leave the object name blank and click the Next button
- Vote for the enhancement request for this to apply to OAF forms

Grants　Permissions　Permission Sets

Define Grant　　Select Object Data Context　　Define Object Parameters and Select Set　　Review and Finish

Create Grant: Define Grant

Cancel　Step 1 of 4　Next

* Indicates required field

* Name　Read only to a Grantee

Description　Create a read only user or responsibility

* Effective From　22-Jul-2019　　　Effective To

Security Context

Define the context when the grant is applied by selecting a grantee, a responsibility and/or operating unit.

Grantee Type　All Users / Group Of Users / Specific User
Operating Unit
Responsibility

Data Security

To define a data security policy, select an object.

Object

100

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Read Only User or Responsibility 12.2.6

- Choose EBS Read Only as the permission set
- Click Next

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Read Only User or Responsibility 12.2.6

- Click Finish
- For more details on grants and roles, see the presentation "User Management/Role Based Access Control for Beginners"
- 2023 EBS UI Changes - What End Users Really Need to Know 12.2.4 - 12.2.12+

Proactive Support

For more information

- Stay Informed using Proactive Support
  - Start with Doc 432.2
  - Click the link to Access Product Release Readiness – Transfer of Information (TOI)

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EBS Resolve Page Highlights

- In the proactive support resolve tab, review product Information centers
  - Click the Take Action Link for the EBS Product Information Center

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EBS Product Information Center

- Chose a topic area: EBS Application Suite
- Choose the subtopic: Cross Products
- Choose a specific topic: Information Center: Oracle Applications Release 12.2

EBS Product Information Center

- The information center is one master MOS note for all details for the information center selected

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Recommendations

- For additional information on the proactive support topic, see my presentation on the OATUG knowledge base titled [EBS Proactive Support Tools](#)
- Enterprise Command Centers (ECC) – Implementing ECC can significantly reduce the need for custom reports and other extensions
  - Start with out of the box install and configurations which is a very quick win
  - Requires a web logic server (can be virtual), about a week of DBA setup time and minimal configuration to grant access to specific responsibilities and schedule concurrent requests to populate tables
  - ECC is covered in many other presentations at Ascend, the OATUG knowledge base and by Oracle
- ECC Documentation: https://docs.oracle.com/cd/E26401_01/doc.122/e48748/T312864T684703.htm
- ECC Quick Start Guide: https://www.oracle.com/a/ocom/docs/applications/ebusiness/ebs-enterprise-command-center-quick-start-guide.pdf

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Thank You

Susan Behn

Q&A