Oracle Cloud Applications Common Technologies and User Experience
Release 10
Release Content Document
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<td>19 JUL 2016</td>
<td><strong>Worklist Access</strong></td>
<td>Added new feature delivered in Update 19 (July).</td>
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<td>18 APR 2016</td>
<td><strong>Break Glass for Fusion Cloud Services</strong></td>
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<td>15 JUL 2015</td>
<td><strong>User Experience</strong></td>
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At Oracle, delivering products that reflect a superior user experience is the result of an enormous investment. This results from countless hours spent examining how people like you actually work and use our enterprise applications to understand your pain points. We then work closely with product management, strategy, and development to design innovative applications that help you to be more productive, efficient, and effective.

Oracle’s focus on providing an exceptional user experience pervades the Oracle Applications Cloud. Creating a compelling, pleasing user interface (UI) that provides only what you need, when you need it is of the highest priority.

The Oracle Applications Cloud Home Experience for Release 10 in the simplified UI is a clean, modern, contemporary entry experience for the Oracle Applications Cloud that provides everything in one stop. The home experience uses our “Glance, Scan, Commit” -- design philosophy guiding the Oracle user experience. It allows you to easily take a quick glance at your device to see what you need to know, then scan if you need more information, and finally commit to a work area to perform a task if necessary.

Groupings consolidate and simplify the welcome experience by allowing the user to navigate to all functional areas they can access directly from the home page. The UI provides the user with a set of icons that map to all functional overview pages (work areas and dashboards). These icons are clustered and placed under category icons when necessary. Groupings allow users to combine functional work areas and dashboards and organize them into logical, related categories.

INFOLETS

Touching the pagination on your Home page leads to infolets, which provides additional information at a glance. Scanning the page gives users the right information just when they’re looking for it. Infolets allow users to consume chunks of information from different sources, including BI, social tools, transactions, and more, in an efficient, timely, and engaging way directly from the home page. If something needs your attention, it’s easy to dig a little deeper: Just touch the arrow in the lower corner of the infolet, or touch the center of the infolet to reveal even more detailed information. The Infolet can also be hidden or even inverted to reveal more information about a given metric.
**INFORMATION TILES**

Information tiles, allow users to scan information in greater detail, all from a single page. As you navigate among information tiles, related details and glanceable infographics are refreshed. Information tiles are designed specifically for users who need to orient themselves quickly in intense, repetitive, and highly focused tasks. They can glance to see what is going on and then scan for details, regardless of the size of the data.

**INTEGRATED SOCIAL**

Social capabilities are truly integrated in Release 10. This means you can view integrated conversations in the context of the current task. A slide-out panel lets users easily view conversations or lists of activities without leaving the current application. When viewing an in-context conversation specific to a worker’s annual review for example, a manager can evaluate an employee’s competencies, goals, and any related social conversations within the context of the task at hand.

**SEARCH**

In Release 10’s Search, the number of searchable objects has been expanded to yield better search results. In the refined search, users may narrow their search by including certain objects, categories, and date ranges as well as save frequently used searches for later. Users get new ways of looking at their data to aid with analysis of complex objects. These enhancements build upon Release 9’s auto-suggest functionality by expanding the list of searchable objects, making navigating faster and increasing productivity.

**NAVIGATOR**

Providing another way to access all work areas, the Navigator has been moved in Release 10 for increased usability, according to our research. It is now located next to the brand logo in the global header on the left side of the page. When a user clicks the Navigator icon button, the Navigator menu opens.

The Navigator represents the information architecture for the role(s) assigned to each user. While the home page provides you an iconic view of your most commonly used applications, the Navigator provides you a list view of every application you may access. The visual style has been updated and all groupings are displayed in the exact same order as in the navigator for a consistent user experience.

Logical, related tasks are organized into groups or categories and are displayed in a pre-determined order set by the application but can be configured to meet your business needs. Use the Structure interface to maintain control over who sees what in the home springboard and the Navigator or change the grouping or the ordering of the content. Refer to the extensibility section for more details.
EXTENSIBILITY

While Oracle Applications provide robust out-of-the-box functionality, we want you to be able to run your business your way, and configuring the user experience is easier than ever in Release 10 with Oracle’s modern cloud extensibility tools.

APPEARANCE

We’ve made it even easier in Release 10 for organizations to configure their cloud visual design to match their branding and identity. Sandbox sessions while editing Appearance force testing of changes before pushing them live, further securing the administrator’s investment in the user experience. They’re MDS-enabled and upgrade and patch-proof.

In Appearance, you also have increased flexibility for color selection and improved opportunities for an exact color match with your brand. Using either files or URLs, you can set the logo, background, and color scheme. Button colors may now also be modified, and corner rounding has been added. You can save what you create, too, so you won’t lose it.

STRUCTURE

While the categories and application groupings provided by the Oracle Applications Cloud are intuitive, organizations sometimes wish to make additional configuration changes specific to industries and markets or role consolidation. Using the Structure feature, an administrator can configure the simplified UI so that the user experience is tailored to match these requirements. Drilling down into landing pages and making edits to them, hiding or showing applications to streamline user roles, reordering or moving applications, creating new page entries or categories, and setting system options are just a few configurations you can adjust.

PAGE INTEGRATION

New in Release 10, Page Integration allows administrators to integrate external applications seamlessly into the Oracle Applications Cloud. Administrators can create page entries and link them to your own custom applications in the cloud application suite based on your enterprise needs. Here’s what that process looks like:

- **Enrich**: Build custom cloud applications with Oracle’s own building blocks using PaaS.
- **Emulate**: Use the UX Rapid Development Kit to mimic Oracle Cloud’s SaaS user experience.
- **Integrate**: Seamlessly connect SaaS and PaaS for a unified and complete user experience.

Using the UX Rapid Development Kit with Page Integration, partners can seamlessly integrate their PaaS-deployed applications that emulate the Oracle Applications Cloud user experience. Even easier, customers also have the option of procuring applications through the Oracle Marketplace to extend
their Oracle Applications Cloud capabilities. Utilizing these new extensibility options will help configure a consistent user experience that works anywhere, anytime, on any device.
APPLICATIONS SECURITY CLOUD

Oracle Fusion Applications Security provides a single console in which security managers and security administrators can review, design, and modify roles in Oracle Fusion Applications. It enables users to visualize the relationships among roles, and to model applications-menu and task-pane entries for any role. Users can also manage certificates and review a set of security reports.

SINGLE CONSOLE

Using this feature, you can perform all role-design tasks from a single console. You can also execute role-management activities that had previously required two tools: Oracle Identity Manager and Authorization Policy Manager. Visualize relationships among roles, and create, edit, copy, and compare roles.

Please note that this was available in Release 9 Oracle HCM Cloud.

ASSISTED SEARCH

You can now search across all security artifacts, including users, roles, and function privileges. You are provided faceted, or categorized, search suggestions as you enter search criteria. You can refine search criteria by facets to find artifacts quickly.

Please note that this was available in Release 9 Oracle HCM Cloud.

VISUALIZATION

You can now use a graphic visualization tool to understand the relationships among security artifacts. In a single screen, quickly determine the role-hierarchy structure, the privileges granted to each role, and the users assigned to each role. Use elegant navigation features to expand and collapse areas of the graph, zoom in and out to focus on areas, magnify areas of the graph, and launch appropriate actions for a role.

Please note that this was available in Release 9 Oracle HCM Cloud.

NAVIGATOR SIMULATION

The new navigator menu simulator displays the menus users will see in the Fusion Navigator menu or in work-area task panels. When, for example, a particular menu item is inaccessible to a user, this simulator can identify the roles and privileges that will make that menu item accessible. It can simulate menus for particular users or roles.

Please note that this was available in Release 9 Oracle HCM Cloud.
DATA MASKING

Lock up sensitive data by irreversibly scrambling values using Data Masking. You can identify specific columns in development, testing or other non-production environments, for masking of personally identifiable information (PII) attributes. Ask for this service as a standalone request or as part of a Production-to-Test (P2T) refresh action.

SIMPLIFIED REFERENCE ROLE MODEL

Take advantage of simplified role definitions in the security reference implementation. The simplified roles reduce the complexity of role administration. Every job or abstract role that existed in Release 9 also exists in the simplified hierarchy for Release 10, and each authorizes the same privileges. Beneath that level many roles have been consolidated.

COPY ROLE AND INHERITED ROLES

Search for a reference role; copy either that role alone, or that role and its inherited roles (depending on the degree of isolation from role changes you seek). If you copy the inherited roles, you also copy their function and data security policies.

Please note that this was available in Release 9 Oracle HCM Cloud.

ANALYZE ROLES BY CATEGORY

Review roles and counts of role memberships, function security policies, data security policies, and user memberships by role category. Drill down into each role and review its role memberships, function security policies, data security policies, and user memberships.

COMPARE ROLES

You can now compare any two roles to see the structural differences between them, including differences in privileges, data security policies, and inherited roles. Using the console, view artifacts that exist only in one role or the other, or only in both. Stay ahead of upgrade changes: Compare your existing role to the role as Oracle has most recently shipped. Determine which functions are appropriate to uptake. Then use the search and visualization tools to determine which users will be impacted and need to be trained on functionality changes.

Please note that this was available in Release 9 Oracle HCM Cloud.

AGGREGATE PRIVILEGES

View aggregate privileges as distinct elements of role hierarchies in visualizations displayed by the Security Console. An aggregate privilege combines the functional privilege for an individual task or duty with the relevant data privileges. Oracle defines aggregate privileges, and you cannot customize them.
CERTIFICATES

Generate or import x.509 and PGP format digital certificates. You can also export saved certificates for signing by a certifying authority or for use in other certificate applications.

Please note that this was available in Release 9 Oracle HCM Cloud.

GENERATE X.509 CERTIFICATES

Generate X.509 format digital certificates. Export saved certificates for signing by a certifying authority or for use in other certificate systems.

GENERATE CERTIFICATE SIGNING REQUESTS FOR X.509 CERTIFICATES

Search for an X.509 certificate and generate a certificate signing request (CSR) for that certificate. Send the certificates to a certifying authority (CA) for certification, then import the signed certificate as a trusted certificate.

IMPORT X.509 CERTIFICATES FROM A KEYSTORE

Import a certificate contained within an external key store.

REPORTS

Execute new reports that examine and audit your security implementation in new detail:

USER ROLE MEMBERSHIP REPORT

Create a report that lists each user’s job roles, duties assigned to the roles, privileges granted to those duties, and the attached data security policies.

Please note that this was available in Release 9 Oracle HCM Cloud.

PRIVILEGE DISCOVERER REPORT

Generate a report that lists every secured action a user is authorized to within a work area.

INACTIVE USERS REPORT

Easily execute and review a report that lists the number of days each user has been inactive.

Please note that this was available in Release 9 Oracle HCM Cloud.
ROLE OPTIMIZATION REPORT

Minimize the number of roles, role memberships, and privilege grants by producing a report that analyzes job role privilege clusters.

Please note that this was available in Release 9 Oracle HCM Cloud.

WORKLIST ACCESS

Control who can browse users in Worklist UIs. By default, external users can no longer browse users in Worklist UIs.
Oracle is introducing another instrument to control access to your data stored in your Oracle Fusion Applications. This new service enables you to restrict and control Oracle's access to your data. By use of Oracle Break Glass, you control access to passwords required for data level access, thereby limiting access by Oracle personnel to your content. The passwords to your environment are stored in a secured escrow account not generally accessible to Oracle Fusion Cloud Service personnel.

Oracle Fusion Cloud Service personnel may require access to your environment, including data layer access to your content, in order to perform service related activities, such as maintenance, upgrades, support, and responding to service requests. When Break Glass is enabled on your environment, if Oracle requires data layer access, Oracle will request approval from you through a workflow involving approvers both from Oracle and you. You may approve Oracle’s access to the data level access passwords for a limited time period; the access will be revoked and passwords changed after the time period defined by you for such data access. Upon your request, Oracle will provide you with a report of such access.

**ORACLE ACCESS REQUEST**

Maintain power over Oracle personnel access to your information. Using Break Glass, no one from Oracle will have standing access to your data. A request by Oracle personnel for accessing your environment (for support, maintenance, or operational purposes) goes through an approval workflow that can include approvers from your organization.

**TEMPORARY ACCESS**

Granting admission to the data with Break Glass is time bound. You now provide only temporary access to your secure data and privileged credentials.

**ENCRYPTION AT REST**

Trust that your data is safe at rest as Break Glass uses Transparent Data Encryption (TDE).

**AUDITING & ACCESS HISTORY**

Protection and auditing are provided through the use of the Oracle Data Vault. You may review past admission to the data by means of the Break Glass access history.

**PROGRAMATIC RESET (ACCESS REVOCATION)**

After granting admission through Break Glass, you may rest assured that access credentials are stored in an escrow system and programmatically reset after each access.
Simplify your compliance with statutory and industry bodies by using pre-approved scenarios in Break Glass. Retain flexibility through the use of customizable access time windows.
Oracle Applications Help delivers extensive content to supplement embedded materials, including FAQs, examples, demos, and essays. You can click help icons throughout the applications to open a window for assistance relevant to the current page. Links to open the help app with content relevant to the current business process activity are also available. Within the help app users can search or browse business process and product-based resources. Help content is extensible and customizable.

Focus your usage of help content to get just the help you need, when you need it. Applications Help now has new functional area / role based landing pages. Enjoy an organized UI that lets you access videos, help topics, Getting Started content, and other resources that are targeted just at you, and what you do at work.
Oracle Social Network is a secure enterprise collaboration and social networking solution for business. With Oracle Social Network, individuals can stay informed of business activities and drive productivity with purposeful social networking. Oracle Social Network provides a unique experience that includes integration with enterprise applications and business process that drives adoption and participation for increased productivity.

OUTSIDE USERS

Outside user collaboration enables Oracle Social Network users to collaborate with external parties, such as partners, suppliers, and specific customers by participating in Conversations.

Administrators can configure outside user collaboration by enabling extended collaboration and setting up a “whitelist” of email domains from which users outside the company can be invited to join Oracle Social Network.

Administrators can invite outside users to join either individually through email or in bulk using a wizard in Oracle Social Network Administration.

After accepting the invitation, outside users can access Oracle Social Network in one of two ways:

- Standalone (restricted) web client
- Social in Oracle Cloud Applications (Navigator menu and Home)

NOTES:

This view is available only if the Oracle Cloud Applications External user has the Oracle Social Network Outsider Role.

Outside users can’t access mobile apps, the Desktop Client, or the Outlook add-in.

You’re alerted when outside users are part of a Conversation through several methods. Outside users have a special badge by their names, and their names are shown in purple text. Warning banners appear when viewing any Conversation or document that can be seen by outside users.

Outside users are restricted to limited activities and information. Outside users see only those Conversations they’re added to by employee users. They can’t access Social Objects (for example, Accounts or Opportunities) or walls at all, which means they can’t view employees’ personal wall posts.

HASHTAGS

Hashtags in Oracle Social Network messages allow you to call out a meaningful term or topic, making it easy to search for all content associated with that term or topic. When you post a message, existing hashtags are automatically suggested when you type a hashtag (#) and at least one character. You can
search for a hashtag to view messages that have been tagged in any Conversation you have access to. You can also follow a hashtag to see hashtagged items in your list of recent activities.

**SOCIAL GRAPH BASED RECOMMENDATIONS**

Social graph based recommendations provide actionable suggestions based on business data blended with social activity. Oracle Social Network generates recommendations for people to follow and people to add to Conversations. The “follow” recommendations are based on things you have in common with others—documents you’ve both read, Conversations you’re both members of, and such. The “Conversation” recommendations are based on things that might affect whom you add to a Conversation—the person is one of your contacts, similar Conversations the person is a member of, and common actions.

**WALL CONTROLS AND DELEGATION**

Wall controls enable you to restrict who can post and reply to messages on your personal wall. Administrators can also assign wall delegates to post content to a user’s wall on the user’s behalf.

**UPDATES TO SOCIAL IN ORACLE CLOUD APPLICATIONS**

The Social icon has been removed from the Oracle Applications Cloud global header area. You now access Oracle Social Network from the Navigator menu or Home page.

The Oracle Social Network user interface has been enhanced to include a document viewer, profile pages for users, a Flags page to manage flags, and group walls.

**DEVELOPER SITE (REST PUBLIC APIS)**

Oracle Social Network includes a dedicated Developer Site for each customer. The Developer Site enables you to develop social plug-in integrations, Social Object integrations, app integrations, and to deploy directly to the staging environment. It includes:

- Social plug-ins
- REST API documentation and tools
- Tools, samples, and how-to guides for building Apps, Social Objects, Conferencing integrations, and Cloud Document integrations

**ANALYTICS ENHANCEMENTS**

All users can now view analytics about their usage and about the utilization of your social network. Previously, only service administrators could view analytics.
Analytics have been enhanced to allow you to view:

- Adoption and churn (see how actively Oracle Social Network is used)
  - Monthly count of new users, returning users, and churned users
  - Churn rate (people who used Oracle Social Network in the prior month, but not in the current month, expressed as a % of total users)
  - Average consecutive months of use
- Group analytics (examine Oracle Social Network use by your team)
- Device type trends
- Enhanced help

**NOTE:** Statistics now include outside users.

**DESKTOP CLIENT IMPROVEMENTS**

Oracle Social Network Desktop provides easy access to Oracle Social Network from your computer desktop. The Desktop Client improvements include:

- Full access to flags and favorites
- A Documents sub-tab in Conversations to make it easier to access documents
- A progress dialogue when downloading documents
- Sync select Conversations to access when not connected to the internet

**ADD-IN FOR OUTLOOK IMPROVEMENTS**

Oracle Social Network Add-In for Outlook provides access to Oracle Social Network from within Microsoft outlook. The add-in improvements enable you to:

- Post emails to Conversations and Social Objects
- Be prompted when sending emails to Oracle Social Network users to use a Conversation instead
- Sync select Conversations to access when not connected to the internet

**SUPPORT FOR ADDITIONAL CLOUD DOCUMENT STORES**

Oracle Social Network has added support for additional cloud document stores:

- Dropbox
- WebDAV
CHANGES TO DELETE RULES

You can delete a message, document, folder, or app only if:

- You are the creator of the item
- You are a service administrator
- The item is on your wall
- The item is on a wall for which you are a delegate

NOTES:
To delete a folder, you must also be allowed to delete all the subfolders and documents stored in the folder.

Only a service administrator, the person who created the item, or the person who deleted the item can restore the deleted item.