

Oracle® Retail Brand Compliance Management Cloud Service Release Readiness Guide



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Preface

This guide outlines the information you need to know about Oracle Retail Brand Compliance Management Cloud Service new or improved functionality in this update, and describes any tasks you might need to perform for the update. Each section includes a brief description of the feature, the steps you need to take to enable or begin using the feature, any tips or considerations that you should keep in mind, and the resources available to help you.

Audience

This document is intended for the users and administrators of the Oracle Retail Brand Compliance Management Cloud Service.

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- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Oracle Help Center (docs.oracle.com)

Oracle Retail product documentation is available on the Oracle Help Center at <https://docs.oracle.com/en/industries/retail/index.html>.

(Data Model documents can be obtained through My Oracle Support.)

Comments and Suggestions

Please give us feedback about Oracle Retail Help and Guides. You can send an e-mail to: retail-doc_us@oracle.com

Oracle Retail Cloud Services and Business Agility

Oracle Retail Brand Compliance Management Cloud Service is hosted in the Oracle Cloud with the security features inherent to Oracle technology and a robust data center

classification, providing significant uptime. The Oracle Cloud team is responsible for installing, monitoring, patching, and upgrading retail software.

Included in the service is continuous technical support, access to software feature enhancements, hardware upgrades, and disaster recovery. The Cloud Service model helps to free customer IT resources from the need to perform these tasks, giving retailers greater business agility to respond to changing technologies and to perform more value-added tasks focused on business processes and innovation.

Oracle Retail Software Cloud Service is acquired exclusively through a subscription service (SaaS) model. This shifts funding from a capital investment in software to an operational expense. Subscription-based pricing for retail applications offers flexibility and cost effectiveness.

1

Feature Summary

This chapter describes the feature enhancements in this release.

Noteworthy Enhancements

This guide outlines the information you need to know about new or improved functionality in the Oracle Retail Brand Compliance Management Cloud Service update and describes any tasks you might need to perform for the update. Each section includes a brief description of the feature, the steps you need to take to enable or begin using the feature, any tips or considerations that you should keep in mind, and the resources available to help you.



Note:

Where new fields, User Interface (UI) changes, or glossary entries are introduced as part of a change, the portal owner may need to apply their own translations of the core system text.

Column Definitions

- **Feature:** Provides a description of the feature being delivered.
- **Module Impacted:** Identifies the module impacted associated with the feature, if any.
- **Scale:** Identifies the size of the feature. Options are:
 - **Small:** These UI or process-based features are typically comprised of minor field, validation, or program changes. Therefore, the potential impact to users is minimal.
 - **Large:** These UI or process-based features have more complex designs. Therefore, the potential impact to users is higher.
- **Delivered:** Is the new feature available for use immediately after upgrade or must the feature be enabled or configured? If no, the feature is non-disruptive to end users and action is required (detailed steps below) to make the feature ready to use.
- **Customer Action Required:** You must take action before these features can be used. These features are delivered disabled and you choose if and when to enable them.

Table 1-1 Noteworthy Enhancements

Feature	Module Impacted	Scale	Delivered	Customer Action Required?
Additional Languages	All	Small	Yes	Yes Apply any translation overrides.

Table 1-1 (Cont.) Noteworthy Enhancements

Feature	Module Impacted	Scale	Delivered	Customer Action Required?
Retail Data Store (RDS) Availability	New Product	Medium	With License Purchase	Yes
OAuth Enablement	Application Program Interfaces (APIs)	Medium	Yes	No
Site Reference Notifications	Supplier	Medium	Yes	Yes
Supplier and Site Deletion	Supplier	Medium	Yes	Yes
Nutrition Product Classification	Product	Medium	Yes	Yes
Audit Outcome Summary Report	Reports	Medium	Yes	Yes
Shelf Life, Ingredients, Country of Origin Report	Reports	Medium	Yes	Yes
Product Query with Site Information	Reports	Small	Yes	No
Surveillance Laboratory Reports	Reports	Medium	Yes	Yes
Assignments Description in Business Language	Workspace	Small	Yes	No
REST API Attachments	Application Program Interfaces (APIs)	Medium	Yes	Yes
Product SOAP API Features in REST API	Application Program Interfaces (APIs)	Medium	Yes	Yes

Additional Languages

The following languages have been introduced:

- Arabic
- Chinese-Traditional
- Croatian
- Greek
- Hungarian
- Korean
- Polish

- Turkish

The languages are available now as active languages, for full translation to be provided in the future. If any of the new languages are not required, the Language record should be deactivated. See Post Release Tasks.

Retail Data Store (RDS) Availability

Oracle Retail Data Store enables retailers to unlock the value of their data through a comprehensive set of tools, enabling virtually unlimited extensibility while abstracting those workloads from those of the original Oracle Retail cloud services. This toolset allows the retailer to create a wide variety of functionality that they can tailor specifically to their own business processes. Examples include custom web services to expose specific data elements, custom integration (inbound and outbound), reporting and analytics, and custom user interfaces for capture of retailer-specific data.

A separate subscription different from Brand Compliance Cloud Service is required for Oracle Retail Data Store, which is composed of two parts:

- Oracle Retail Data Compute Cloud Service – this portion of the subscription covers compute resources available to the cloud service and allows a retailer to add compute to their solution as necessary for their extensions.
- Oracle Retail Data Storage Cloud Service – this portion of the subscription covers data storage resources available to the cloud service and allows a retailer to add storage to their solution as necessary for these extensions.

For more information about RDS, see its documentation set on the Oracle Help Center.

OAuth Enablement

As part of the move to the Next Generation Cloud environment, there is change in the way clients authenticate with the application when using the APIs.

The current *basic authentication* method requires that for each call to the application a username and password be supplied in order to authenticate with the application before being allowed to call the API. This approach means that for each call to an API, traffic has to be routed through to Identity Management to verify and authenticate the username and password before being allowed to actually call the API, thus putting unnecessary load onto the Identity Management environment as well as the networking layers of the infrastructure.

The approach for the Next Generation Cloud is a move to *OAuth authentication* (which is enabled when the environment is built). OAuth allows a token to be generated by Identity Management when an API is called for the first time, then subsequent calls to the API can pass this token so that the APIs can simply be called without having to return to IDCS. The token lasts for a period of time, after which a new token must be obtained.

This requires clients to change their implementation and use of the Brand Compliance APIs, to utilize OAuth.

Site Reference Notifications

The References page of the Site record contains a table for recording the site's certification details, such as EC Licence Number, Organic or Kosher Certification. Each reference/certification may optionally hold an expiry date.

The enhancement introduces an automated notification to advise the appropriate users when a site's reference/certification is becoming due or has expired. The notification is in the form of an email and/or an assignment task to the site's lead technologist, and designated supplier contacts. The feature includes a new batch job, system parameters, email templates, and tasks/assignments.

Use of the notification and the rules for its generation are all configurable. The feature is disabled by default, requiring the client to enable and configure it for use. See Post Release Tasks for details of the configuration requirements.

New Assignments/Tasks

Assignment Type	Source	Visible To	Target
Sites with References Due {0}	Shown if any associated sites have references/certificates becoming due	Retailer users who are designated Lead Technologist for the Site Supplier users with the designated contact roles for the Site	<i>Sites with References Due</i> list view.
Sites with References Expired {0}	Shown if any associated sites have references/certificates that have expired	Retailer users who are designated Lead Technologist for the Site Supplier users with the designated contact roles for the Site	<i>Sites with References Expired</i> list view.

For implementations of Brand Compliance that do not have the JET UI Workspace enabled, the equivalent of the Assignment notifications are generated as Tasks:

- You have {0} Sites with References Due
- You have {0} Sites with References Expired

New Email Templates

Trigger	The Site Reference Expiry Notifications batch job identifies a site's certificate/reference as becoming due.
Email Code	SITREFDUE
Email Description	Notification that a site has a certificate/reference becoming due.
Content	<p>From: [Portal Name] Sent: [Date & Time] To: See Recipients below Subject: This site has a reference certificate that is due within the next [Days] days</p> <p>Site: [Site Name], Site Number: [Site Number] #if (\$showInternationalNames) ([sitelocalname]) #end</p> <p>This is an email automatically generated by the <Portal Name> Portal, please contact \$supportemail if you require assistance or believe this message has been sent to you in error.</p>

Recipients	Based on the Site Reference Notification system parameters: <ul style="list-style-type: none"> • If Notify Lead Technologist by Email is checked, the site's Lead Technologist retailer user. • If Notify Supplier/Site Contacts by Email has roles specified, supplier users associated with the site who have the designated roles. User's accounts must have Login ID Disabled unchecked.
Sensitive	No

Trigger	The Site Reference Expiry Notifications batch job identifies a site's certificate/reference as being expired.
Email Code	SITREFEXP
Email Description	Notification that a site has a certificate/reference that has expired.
Content	<p>From: [Portal Name] Sent: [Date & Time] To: See Recipients below Subject: This site has a site reference certificate that has expired.</p> <p>The [Reference Type] reference type has an expiry date of [Expiry Date] for Site: [Site Name], Site Number: [Site Number] #if (\$showInternationalNames) ([sitelocalname]) #end</p> <p>This is an email automatically generated by the <Portal Name> Portal, please contact \$supportemail if you require assistance or believe this message has been sent to you in error.</p>
Recipients	Based on the Site Reference Notification system parameters: <ul style="list-style-type: none"> • If Notify Lead Technologist by Email is checked, the site's Lead Technologist retailer user. • If Notify Supplier/Site Contacts by Email has roles specified, supplier users associated with the site who have the designated roles. User's accounts must have Login ID Disabled unchecked.
Sensitive	No

Supplier and Site Deletion

The existing facility for deletion of Supplier and Site accounts is intended as a post on-boarding facility for removing accounts that are not used, so is restricted to only allowing sites to be deleted if they have no associated contacts, users, or other types of records.

The enhancement provides more deletion capability, by the use of soft deletion of Supplier and Site records, and removal of associated Contacts, Users and references in Alerts, Documents, and Announcements/News Items. However, deletion is not permitted if the account has other types of records associated to it, such as Product Specifications, Audits, Assessments, or links to Processes.

The deletion facility is restricted to only users with Power Administrator access rights. The feature is a change to the existing supplier and site deletion facility, so the enhancement functionality becomes available automatically, but requires a Permissions configuration change to enable it. See Post Release Tasks.

 **Note:**

There is a known issue with the behavior of the Supplier list view, where associated Sites that have been soft-deleted remain visible within the Site Name and Site Code columns. The current list views architecture only permits filtering of deleted records for the main entity being listed (in this case the Supplier record). This constraint will be taken into account when designing the equivalent list view for the new JET UI, with the aim being that deleted Site records are filtered out of the Suppliers list view.

Nutrition Product Classification

Nutrition Scoring is utilized by various legislations to score the *healthiness* of products, both for labelling purposes and for restricting promotion and placement of products which are rated as *less healthy*.

The enhancement extends the Nutrition Scoring facility already available in Brand Compliance, to allow the classification of products, for promotion and placement purposes. The classifications are configured within a new Nutri-Score Product Classification glossary, and are assigned to Product Specifications, within the Nutrition section. The feature is enabled by a new system parameter. See Post Release Tasks.

The new Product Classification glossary is a simple keyword type, containing the standard Code, Description Priority, Active, and Default fields.

The new Product Classification selector field will appear in the Specification's Nutrition section if the system parameter is enabled:

Nutrition Scoring	
Nutrition Scoring Category:	Nutrition Score Points:
Nutri-Score Score:	Nutri-Score Use on Pack:
Product Classification:	

The field is not mandatory by default, but is capable of being made mandatory using the Mandatory Field Rules configuration. By default, the field will become locked at the same time as other fields in the Nutrition section when the spec reaches Pack Copy Sent status (or Approved status for Produce specs). However, the locking rules can be modified using the Specification Locking Rules configuration.

The new field is included in the Nutrients and Nutrition Section report queries, in the Specification data extract (column DF), and in the REST API. The field is not required for pack copy purposes, so is not included in the standard Pack Copy templates, however, it is possible to add the field to custom templates.

Audit Outcome Summary Report

The new Audit Outcome Summary report (CR110) is a form style report. The user applies filters in the report schedule to identify a specific Audit (or limited number of Audits) to be included in the report.

The report uses a new Audit Outcome API data source, which is based on the Audits API data source plus a number of additional fields from the Audit's associated Site record (Status, Type, GLN, Top Grade, Business Unit, Business Categories,

Technologists, and Custom Fields), as well as from the Contacts (Name, Email, Roles, and Phone) and the Specifications associated with the Site (Specification Name, Number, Version, Type, Status, and Supplier Address). The report provides totals of the Audit's issues/non-conformances (open issues, overdue issues, and total issues).

For the tables of the site's Contacts and Specifications, in order to filter for specific contact roles or specification statuses, the filters must be applied to the report's RTF template file. These filters cannot be applied to the report design or schedule because the data source is an API. See Post Release Tasks.

See the *Oracle Retail Brand Compliance Management Cloud Service Report Layouts* document for details of the report contents, and the *Oracle Retail Brand Compliance Cloud Service Reports User Guide* for guidance on applying filters within the RTF template.

Shelf Life, Ingredients, Country of Origin Report

The new Shelf Life, Ingredient, Country of Origin report (CR109) combines Product Specification data from the Main Details, Recipe/Formulation, Storage and Other Labelling Copy sections, plus supporting data from associated Product Record, Supplier and Site records.

Two variants of the report are provided, each with its own query data source: for draft Specifications (report CR109A, based on the Draft Shelf Life query), and for non-draft Specification (report CR109B, based on the Non-Draft Shelf Life query). The reports output a row per specification/product variant combination. Multi value fields have the contents concatenated.

Product Query with Site Information

A new reporting query is provided which combines product and site data, per product variant/site combination. The granularity is based on the Product Record, with multiple rows output per Site (as opposed to the Site data being concatenated). Data is also included from the associated Product Specification (Main Details and Other Labelling Copy sections) and Supplier records.

Two variants of the data source are provided: for non Produce products (the Product Spec Variants query), and for Produce products (the Product Spec Variants (Produce) query).

Surveillance Laboratory Reports

The new Surveillance Laboratory reports (CR107 and CR108) provide product information for surveillance testing purposes. The data is output for product variant/site combinations, from the Product Record and the associated Product Specification, Supplier and Site records.

Two variants of the report are provided, each using the new data source queries that combine product and site data (see the Product Query with Site Information above): for non Produce products (report CR107, based on the Product Spec Variants query), and for Produce products (report CR108, based on the Product Spec Variants (Produce) query).

See the *Oracle Retail Brand Compliance Management Cloud Service Report Layouts* document and the *Oracle Retail Brand Compliance Cloud Service Reports Guide* for details of the report contents.

Assignments Description in Business Language

The Description column in the Assignments list view identifies the type of assignment, typically by the name of the record. Some records, such as Product Specifications, may hold a corresponding description in the portal's business language. The Description in the Business Language column is now available to be added to the Assignments list view.

REST API Attachments

The existing facility for retrieving files attached to certain types of record through the REST APIs is extended to make the facility available to all main record types.

The following REST APIs now allow for the retrieval of the attachment ids, and subsequent retrieval of the actual attachment files by calling the Attachment REST API:

- Users
- Suppliers
- Sites
- Audits
- Audit Issues/Non Conformances
- Assignments/Scorecards
- Product Records
- Product Specifications
- Processes/Projects
- Process/Project Activities

To utilize this facility, the client must develop the necessary web services to call the Brand Compliance APIs. See Post Release Tasks.

Product SOAP API Features in REST API

The existing Brand Compliance SOAP APIs are being deprecated. Clients that currently use the SOAP APIs must plan their transition to the equivalent REST APIs. Each of the legacy SOAP APIs (Users, Product Records, Specifications, and Process/Project Activities) currently has an equivalent REST API. However the SOAP Product Record API includes some additional features. The enhancement makes the relevant features also available to the REST Product Record API, thus facilitating the transition. Some of the features require configuration setup to enable them. See Post Release Tasks.

The features being added to the REST Product Record API are as follows:

- **Cross-referencing of Supplier Codes**

When creating or updating a Product Record with the REST API, the usual means of identifying the associated supplier is with the Brand Compliance Supplier account code. If product data is being sourced from an external system which

does not hold the Brand Compliance codes, this facility allows for the alternative codes to be held in Brand Compliance.

Enabled by a system parameter, the enhancement allows the alternative supplier codes to be held in the Billing Details table of the Supplier record to provide the cross-reference lookup for locating the relevant Supplier record.

- **Allow Duplicate Product Numbers**

When creating a Product Record with the REST API, the default validation prevents the product being created if the product number already exists for another supplier.

Controlled by a system parameter, the enhancement allows this to be overridden, thus permitting the same product number to be used by different suppliers. The default setting of the system parameter will allow for duplicate product numbers (across different suppliers).

- **EAN/Barcode Cascade to Specification**

When a Product Specification is linked to a Product Record, any EAN barcodes or Shipping Case Codes that are present on the Product Record are cascaded to the corresponding field in the Specification's Other Labelling Copy section.

The values in the Specification may then be edited independently of the Product Record, up to the point that the Specification becomes locked. In the scenario where the Specification is created (and linked to a Product Record) using the Specifications API, any barcodes provided in the Specification XML will remain, rather than being overwritten by those on the Product Record, as in this case, there is no need for a default value.

- **TBC Contact Default**

When creating a Product Record with the REST API, if the Product Technologist or Other Contacts are omitted, they may be set to a temporary assignment of *TBC* in order to pass the mandatory field validation. This feature depends on *TBC* being configured as a dummy user account, and assigned the necessary roles (for example Technologist, Buyer, and Product Development Manager).

- **Additional Validation**

When creating or updating a Product Record with the REST API, additional processing is applied to validate certain fields that reference a glossary.

Note: The existing SOAP API *Submit* function, which detects whether a record already exists and automatically triggers either the create or update function accordingly is not carried through to the REST APIs. Therefore, submissions to the REST APIs must explicitly call the appropriate POST or PUT functions, according to whether creating or updating a record respectively.

Post Release Tasks & Impact on Existing Installation

The following post release tasks and impact on an existing installation must be taken into account as part of this release.

Additional Languages

The Additional Languages feature introduces eight new languages. If any are not required, the Language record should be deactivated, within the System Text section of the Admin area.

Site Reference Notifications

If the Site Reference Notifications feature is to be used, the following administration tasks are required to enable and configure it:

1. Configure the system parameters in the Registration page of the System Parameters record in the Admin area according to the required behavior:
 - **Generate Reference Due Emails** enables email notifications for site references when they become due.
 - **Becomes due prior to expiry date (days)** determines when a site reference becomes due (the number of days prior to the expiry date).
 - **Re-send Reference Due email frequency (days)** controls the frequency of the Reference Due email (the number of days since it was previously sent).
 - **Generate Reference Due Assignments** enables assignment task notifications for site references when they become due.
 - **Generate Reference Expired Emails** enables email notifications for site references when they expire.
 - **Re-send Reference Expired email frequency (days)** controls the frequency of the Reference Expired email (the number of days since it was previously sent).
 - **Generate Reference Expired Assignments** enables assignment task notifications for site references when they expire.
 - **Notify if Site Status** controls which site statuses are to have site reference notifications. The default is Active and Awaiting Approval.
 - **Notify Lead Technologist by Email** controls whether the site's lead technologist is to be a recipient of site reference email notifications.
 - **Notify Lead Technologist by Assignment** controls whether the site's lead technologist is to be a recipient of site reference assignment notifications.
 - **Notify Supplier/Site Contacts by Email** is a picklist of the mandatory contact roles, used to determine the supplier recipients of site reference email notifications.
 - **Notify Supplier/Site Contacts by Assignment** is a picklist of the mandatory contact roles, used to determine the supplier recipients of site reference assignment notifications.
2. Make any custom overrides to the new system text, and email templates:
 - Notification that a site has a certificate/reference becoming due (SITREFDUE).
 - Notification that a site has a certificate/reference that has expired (SITREFEXP).

Supplier and Site Deletion

The following administration tasks are required for the Supplier and Site Deletion enhancement.

1. A Permissions change is required to enable the facility. Add the following to the Site tab of the Permissions spreadsheet.

Record (A)	Authority Profile (B)	Menu Option (C)	Sub Menu Option (D)	Action (E)	Data Record (F)	User Mode (L)	Access Level (M)
Site	POWER ADMINISTRATOR			DELETE MANUFACTURE R	Site	NORMAL	F

The instructions for downloading and uploading the amended Permissions spreadsheet are as follows:

- a. Log in as an Oracle Authorized Administrator user and go to Company > Admin > Roles & Permissions.
 - b. Open the Permissions page.
 - c. Download the active spreadsheet by selecting the row with *true* in the Active Permissions column, click *Download Selected*, and save locally.
 - d. Edit the downloaded spreadsheet, make the changes described above, then save the spreadsheet.
 - e. Upload the edited spreadsheet by clicking *Upload Permissions*, select the spreadsheet, and click *Ok*.
 - f. Apply the changes by selecting the uploaded spreadsheet row, click *Process Selected*, and then click *Ok* to confirm.
2. The soft deleted records are excluded from list views and data extracts. To exclude the soft deleted records from reports, it is necessary to add the Deleted column as a filter to the relevant Report Data Source, Report Design, and Report Schedule records.
 3. By default, soft deleted records are returned by the APIs (the XML contains a *deleted* element, which is set to *true*). To exclude soft deleted records, it is necessary to use a *softDelete=false* parameter when calling the API. For example:

```
/creations-core/services/rest/site?softDelete=false
```

Nutrition Product Classification

The following administration tasks are required for the Nutrition Product Classification enhancement.

1. Set the Use Product Classification for Nutri-Score system parameter in the Products page of the System Parameters record in the Admin area to enable the feature.
2. A Permissions change is required to provide access to the new glossary. Add the following to the Admin tab of the Permissions spreadsheet.

Record (A)	Authority Profile (B)	Menu Option (C)	Sub Menu Option (D)	Action (E)	Data Record (F)	User Mode (L)	Access Level (M)
Admin	Product Administrator				NUTRI SCORE PRODUCT CLASSIFICATION	NORMAL	F

Record (A)	Authority Profile (B)	Menu Option (C)	Sub Menu Option (D)	Action (E)	Data Record (F)	User Mode (L)	Access Level (M)
Admin	Product Administrator	Admin	NUTRI SCORE PRODUCT CLASSIFICATIO N			NORMAL	Y

1. Set the Use Product Classification for Nutri-Score system parameter in the Products page of the System Parameters record in the Admin area to enable the feature.
2. A Permissions change is required to provide access to the new glossary. Add the following to the Admin tab of the Permissions spreadsheet.

The instructions for downloading and uploading the amended Permissions spreadsheet are as follows:

- a. Log in as an Oracle Authorized Administrator user and go to Company > Admin > Roles & Permissions.
 - b. Open the Permissions page.
 - c. Download the active spreadsheet by selecting the row with *true* in the Active Permissions column, click *Download Selected*, and save locally.
 - d. Edit the downloaded spreadsheet, make the changes described above, then save the spreadsheet.
 - e. Upload the edited spreadsheet by clicking *Upload Permissions*, select the spreadsheet, and click *Ok*.
 - f. Apply the changes by selecting the uploaded spreadsheet row, click *Process Selected*, and then click *Ok* to confirm.
3. Configure the new Nutri-Score Product Classification glossary in the Product Global glossaries admin area.

The glossary is not pre-populated with default values, however, for information purposes only, the following is a typical list of classification descriptions:

- Prepared Soft Drinks containing added sugar ingredients
- Savoury Snacks
- Breakfast Cereals
- Confectionery (inc. chocolates & sweets)
- Ice cream, ice lollies, frozen yoghurt, water ices and similar frozen products
- Cakes & cupcakes
- Sweet biscuits and bars based on one or more nuts, seeds or cereal
- Morning goods
- Desserts & Puddings
- Sweetened Yoghurt & Fromage Frais
- Pizza

- Roast potatoes, sweet or potato chips, fries, wedges, potato waffles (and more)
- Complete (or main part) ready meals, breaded or battered vegetable, fish, shellfish, meat or poultry products

Reports

The following administration tasks are required if any of the new reports (Audit Outcome Summary / Shelf Life, Ingredients, Country of Origin / Surveillance Laboratory) are required to be run:

1. To filter for specific contact roles or specification statuses to be included in the Audit Outcome Summary report, create a custom version of the report's RTF template file (CR110_Audit_Outcome_Summary.rtf) and add the appropriate filtering. These filters cannot be applied to the report design or schedule because the data source is an API.
2. Make any custom overrides to the new report layouts or system text.
3. Schedule the reports to run, as required.

ReST API Attachments

To utilize the facility for retrieving file attachments using the APIs, the client must develop the necessary processes to call the Brand Compliance APIs. See the AttachmentsRestService section in the *Oracle Retail Brand Compliance Cloud Service Implementation Guide* for further details.

In order to access the Brand Compliance APIs, the necessary External System records must be configured by the system administrator.

Product SOAP API Features in REST API

The additional features being added to the Product Record REST API to reflect functionality in the SOAP API require the following configuration settings to enable the functionality:

1. Set the Use Alternative Code for Product API system parameter in the Global page of the System Parameters record in the Admin area to enable the cross-referencing of supplier codes.
2. Set the Allow Duplicate Product Numbers system parameter in the Global page of the System Parameters record in the Admin area to enable the facility to allow the same product number across different suppliers.

Then assign the alternative codes to the Billing Details table in the Supplier records, checking the Alternative API Code column to indicate as such.

3. Create a *TBC* user account and assign the appropriate contact roles (such as Technologist, Buyer, and Product Development Manager) if the facility to default missing contacts is required.

Permissions

For the change to permit retailer users to edit the Growers List in the Site record (item 31450870), assign the *Supplier & Site Administrator* authority profile to any users who require that level of access.

List View Configuration

For the changes to the Contact information in the Supplier list views (items 33709195 and 34446591), any existing Supplier list views that reference the Fax and Phone columns need to be modified in order to use the corrected fields. Remove those columns from the list view, and then re-add them and save, as appropriate.

Field Locking Rule Configuration

For the change to allow locking of the Recycling Advice fields in the Advanced Packaging section (item 34526595), configure the locking rules as required, in the Specification Locking configuration area.

Select the fields from the `advancedPackagingComponentDetails` table, and then from the `advancedPackagingRecyclingAdviceDetails` table, and then blank the Section field.

Database Update Scripts

There are no database upgrade scripts included within this release.

Enabling Identity Management Notifications

As an IDCS or OCI IAM Administrator, verify that Notifications are enabled in the corresponding Stage / Production tenant.

Enabling User Roles

If they do not already exist, configure the *Power User*, *Account Administrator*, *Assistant Technologist*, and *Site Inspector* user roles, and assign to the appropriate users.

Enabling Artwork with SSO

Artwork is not a core Brand Compliance module, but a third-party add-on application. This process enables the integration with the third-party Artwork application, where it is used.

For existing installations that use the Artwork module, in order to configure single sign on (SSO) between Brand Compliance and the Artwork solution (using IDCS or OCI IAM authentication), the following steps must be taken by the Customer or their Partner:

1. Ensure the MYARTWORK external system has been created in Brand Compliance PROD and STAGE.
2. Raise an SR service requesting for creation of the Artwork Application for PROD and STAGE. The call back URLs and IDCS or OCI IAM URLs must be provided in the SR.

3. Once created, you will be able to gather the Client ID and Client Secret from IDCS or OCI IAM.

Refer to the Artwork chapter in the *Oracle Retail Brand Compliance Management Cloud Service Administration Guide* for the full process for enabling Artwork with SSO.

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Browser Requirements



Note:

Oracle Retail assumes that the retailer has ensured its Operating System has been patched with all applicable Windows updates.

The following browsers are supported:

- Mozilla Firefox
- Microsoft Edge
- Google Chrome (Desktop)

Microsoft has deprecated Internet Explorer 11 in Windows 10 and recommends using Edge as the default browser. Refer to the [Oracle Software Web Browser Support Policy](#) for additional information.

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Noteworthy Resolved Issues

This following table highlights specific key fixes that are included in this release. In some cases, only a percentage of the overall fixed defects are listed.

Affected Component	Defect Number	Summary
General: Advanced Search	34117716	Blank filters in Advanced Search A fix has been made to rectify an issue with blank filter rows appearing in the Advanced Search filter definitions of certain list views (Alert, Alert Response, and Assessment).
General: Business Categories	34774910	Business Category not displayed A fix has been made to rectify an issue with business category not being displayed when viewing records such as Supplier Sites, Product Records, and Projects/Processes.
General: Dates	33813631	Assigning century to future dates A fix has been made to rectify an issue with the entry of dates with a two-digit year, where a date more than 20 years in the future had the year assigned to the previous century (for example 01/01/42 was saved as 01/01/1942). The future dates are now correctly assigned the current century (for example as 01/01/2042).
General: Error Logging	34131556	Workflow status change error logging An improvement has been made to the logging of workflow status change exceptions, to record additional diagnostic information in the error message.
Global Network Bus (GNB): Data Synchronization	34589131, 34589186	Synchronization of between Satellite and Global portals A fix has been made to rectify a failure of the data synchronization between a satellite portal and the global hub portal. This issue only relates to the Global Network Bus (GNB) application.
Global Network Bus (GNB): Produce Specifications	34713335	Synchronization of Produce Specification data A fix has been made to rectify a synchronization failure of Produce Product Specification data between a satellite portal and the global hub portal. The exception was due to the related Product Records not having the other contact user roles populated - an issue that was related to a previous fix to prevent the roles being changed. This issue only relates to the Global Network Bus (GNB) application.
Product: Product Record	34310605, 34863465	Division not populated in Product Record upload A fix has been made to rectify an issue with the Division field not being populated within the Product Record Import process.

Affected Component	Defect Number	Summary
Product: Product Records	34269789	<p>Error on Deletion of Draft Produce Product Record</p> <p>When attempting to delete a produce product record, at a status of Draft, the application failed with an error. This was because Draft records should only have the option to be set to Active. Only Active records can be Deleted (or Archived when there are linked records).</p> <p>A fix has been made to the Actions menu to remove the delete option so only the transition from Draft to Active is available.</p>
Product: Specifications	32662027, 34493227, 34495553, 34546620, 34550357, 34559166, 34563705, 34566853, 34576977, 34579931	<p>Error when saving Product Specification</p> <p>A fix has been made to rectify an error that occurred when attempting to save a multi-product Product Specification. The error occurred when assigning recycling icons to the product components. It relates to a change made in a previous release (item 3437443).</p>
Product: Specifications	33192472	<p>Copying Specify allergen information to a new Specification</p> <p>When copying a Product Specification, the Specify value in the Allergy & Dietary Advice section is now copied across to the new specification if the <i>Do you need to specify this allergen</i> question has been set to Yes.</p>
Product: Specifications	34145661	<p>Error when selecting Nutrition panel</p> <p>A fix has been made to rectify an error that occurred when selecting the Nutrition Panel within the Product Specification's Nutrition section.</p> <p>The error occurred when the selected panel referenced a default Footnote table which had been deactivated.</p>
Product: Specifications	34454704	<p>Validation of mandatory fields in FNF Storage section</p> <p>A fix has been made to rectify an issue with the validation of mandatory fields in the Storage section of the Formulated Non-Food Specification.</p> <p>Previously the red asterisk was appearing for the mandatory field, but no error or warning message was being issued if the field was not populated.</p>
Product: Specifications	34514665	<p>Incorrect Help system text</p> <p>A fix has been made to rectify an issue with incorrect Help text being displayed for Packaging Component related fields in the Product Specification's Packaging section.</p>
Product: Specifications	34526595	<p>Locking Recycling Advice fields in Advanced Packaging section</p> <p>It is now possible to configure field locking rules for the Recycling Advice table fields in the Advance Packaging section of Product Specifications.</p> <p>See Post Release Tasks.</p>

Affected Component	Defect Number	Summary
Product: Specifications	34570500	<p>Error when selecting Ingredient</p> <p>A fix has been made to rectify an error that occurred in the Product Specification's Recipe & Raw Materials section when selecting to add an Ingredient from the Ingredients glossary. The error was due to the retrieval of the Ingredient name's language translations.</p>
Product: Specifications	34598227	<p>Error when changing Declared Quantity in OLC section</p> <p>A fix has been made to rectify an error that occurred in the Quantity page of the Other Labelling Copy section of Product Specifications, when changing the Declared Quantity Type. The error occurred when one of the Print Height columns was hidden.</p>
Product: Specifications	34719851	<p>Issue Linking Specification to Process</p> <p>A fix has been made to rectify an issue when opening the Process Links section for a specification where it had been previously linked to a Process.</p>
Product: Specifications	34778271	<p>Error when opening Specifications from Tasks list</p> <p>A performance improvement has been made to rectify an error that occurred when opening Product Specifications from the user's Tasks list.</p>
Product: Specifications	34824482, 34852479, 34887836	<p>Error when linking a Specification to a Process</p> <p>A fix has been made to rectify an error when linking a Product Specification to a Process. The error occurred when the lookup for Processes to link to returned more than 1000 results.</p>
Product: Temporary Specifications	34117720	<p>EAC Access to Temporary Specifications</p> <p>A fix has been made to rectify an issue where a retailer user restricted to an Enhanced Access Control (EAC) Area had visibility of a Temporary Specification which was not assigned to their Area.</p>
Project: List Views	33377043	<p>Duplicate entries in list views</p> <p>A fix has been made to rectify an issue with duplicate entries appearing in the Projects and Project Activities list views.</p>
Reports: Brand Name	33712645	<p>Reports not outputting Brand data</p> <p>When the Brand Type against a specification is set to <i>Brand managed as own label</i> rather than <i>Own label</i>, the Brand data is not populated in reports. This impacted any report that included the Brand field.</p> <p>To resolve this, the Brand information populated in the report data will be based upon the brand type for each specification, thus no changes are required to the RTF Templates.</p> <p>Related Information: The pack copy report default outputs the Brand field when the Brand Type is <i>Own label</i>. A separate field should be added to the Pack Copy template for when the Brand Type is <i>Brand managed as own label</i> and this information is required in the Pack Copy.</p>

Affected Component	Defect Number	Summary
Reports: Data Warehouse	34755381	<p>Data Warehouse refresh running continually</p> <p>A fix has been made to rectify an issue where the Reports Data Warehouse data refresh process exceeded the designated refresh interval.</p>
Reports: Filters	33899825	<p>Report filters providing unexpected results</p> <p>In reporting where the <i>Equals</i> and <i>Is Not Equal To</i> filter operators are used with columns that contain multiple values, the results are inconsistent.</p> <p>The <i>Equals</i> and <i>Is Not Equal To</i> filter operators have been removed as the <i>Contains</i> and <i>Does Not Contain</i> filter operators correctly manage columns with singular or multiple values.</p>
Reports: Filters	34791880, 34829809, 34794371	<p>Error when using a Glossary Filter on a report</p> <p>An invalid number error was generated when a Glossary Filter was used on a column that contained comma-separated entity values, such as countries.</p> <p>The cause of the issue was identified, and a fix implemented to manage Glossary Filtering on columns with concatenated entries.</p>
Reports: KPIs	34288093	<p>Application Error due to Updated KPI Metric</p> <p>When a schedule report's type was updated for a KPI metric on the homepage, it would result in the application generating an error.</p> <p>This scenario is now managed so that instead of an application error, the message <i>No KPI data to display</i> is shown for the KPI metric on the homepage.</p>
Reports: Assessments KPI	34960561	<p>KPI metric on Assessment Scores Latest/Completed</p> <p>A fix has been made to rectify an issue with an incorrect metric count being calculated for the Assessment Scores Latest/Completed KPI report.</p> <p>The issue occurred due to rounding, scale, and precision being applied incorrectly to a floating point number in the underlying Average Aggregate function.</p>
Reports: Product Specifications	34760048	<p>Product Specification report failure</p> <p>A fix has been made to the Product Specification reporting query to allow filtering on Product Status.</p> <p>The issue was caused by a mismatch in data type between the Product Status and the reporting field.</p>

Affected Component	Defect Number	Summary
Reports: Product Surveillance	34190539	<p>Surveillance reports not outputting all expected data</p> <p>On the surveillance reports, only the first line of each of the results are output to the report, when all results should be output.</p> <p>An update to the query was required to remove aggregation of the data.</p> <p>The following reports are impacted:</p> <ul style="list-style-type: none"> • Surveillance Test Report Summary • Surveillance Test Report Summary per Supplier • Surveillance Billing Report • Surveillance Billing Report per Supplier • Surveillance Billing Report per Supplier Test Discipline • Surveillance Billing Report per Test Discipline • Surveillance Test Report Summary - Produce • Surveillance Test Report Summary per Supplier - Produce • Surveillance Billing Report Produce • Surveillance Billing Report per Supplier Produce • Surveillance Billing Report per Supplier Test Discipline Produce • Surveillance Billing Report per Test Discipline Produce
Reports: Report CR30	34960556	<p>Sites with Assessments Reports – Chart data incorrect</p> <p>The following reports include a chart that did not reflect the data correctly:</p> <ul style="list-style-type: none"> • Sites with Scorecards Overdue (per Supplier) • Sites with Scorecards Overdue (per Scorecard Type) <p>An update to the report data source to include the Assessment Code has been made and the reports templates' bar charts have been updated to use this field to provide an accurate count.</p>
Supplier: Alerts	34117709	<p>Advanced Search system text missing</p> <p>On the Alerts list view after selecting the Advanced Search option, the Text displayed against the tab is incorrect.</p> <p>This has been resolved by a new system text entry for the Advanced Search tab of Alerts.</p>
Supplier: Assessments	30617825, 34275614	<p>Scorecard creation produces System Calendar error</p> <p>The process of calculating the due date of scorecards was referencing deleted scorecards pushing the due date beyond the current calendar set up.</p> <p>A change to filter out deleted scorecard records has been implemented so that the due date is correctly calculated.</p>

Affected Component	Defect Number	Summary
Supplier: Audits	32666989, 32895788	<p>Change History data</p> <p>A modification has been made to the Audit REST API relating to the Status Change History data for Audits and Audit Issues/Non-Conformances.</p> <p>While the new Status Change History can still be created, the modification of existing Status Change History is now restricted to the Comments field only, and the deletion of Status Change History is not allowed.</p> <p>The audit.wadl has been updated to reflect that Status Change History now outputs statusChangedBy. Also, createdOn, updatedOn, along with statusChangedBy, now appear on the outbound XML.</p> <p>This change therefore locks down the Status Change History data for Audits and Audit Issues/Non-Conformances.</p>
Supplier: Audits	34541745, 34731269	<p>Selection of Certification Bodies</p> <p>A fix has been made so that only active Certification Bodies may be selected in an Audit's People Preset table.</p>
Supplier: Audits and Assessments	34778587	<p>Supplier Evaluation Type field</p> <p>A fix has been made to rectify an issue with the Supplier Evaluation Type field appearing in Audit and Assessment records. The field is only relevant to the Supplier Evaluation system, so should not appear in the Brand Compliance system.</p>
Supplier: Contacts	33709195, 34446591	<p>Contact information in list views</p> <p>The Site list views have been amended to include the Supplier Contacts and Supplier Contact Address field sets, for accessing the related supplier's contact information.</p> <p>A fix has also been made to the Supplier list views to correct the data output in the Fax and Phone columns of the Supplier Contacts field set.</p> <p>Note: Any Supplier list views that currently reference the Fax and Phone columns will need to be modified in order to use the corrected fields. See Post Release Tasks.</p>
Supplier: Contacts	34117714	<p>Supplier Contact Details Not Saved</p> <p>When creating a Specification, the supplier contact details are populated automatically in the specification details. Saving the specification resulted in the contact details being deleted.</p> <p>This issue was caused due to a site contact with the same details as the supplier contact.</p> <p>An update has been completed so that valid supplier contact details will not be deleted, when saving a specification.</p>
Supplier: Sites	31450870	<p>Edit access to Growers List</p> <p>A change has been made to the Site record to allow retailer users with the <i>Supplier & Site Administrator</i> authority profile edit access to the Growers List fields. See Post Release Tasks.</p>

Affected Component	Defect Number	Summary
Supplier: Sites	34492671	<p>Error when editing a Site</p> <p>A fix has been made to rectify an error that occurred when editing a Site.</p> <p>The error occurred for users who log on using a language that is different to the default (en_GB), for example en_US. If a Business Category description did not have a language translation for the user's language, the system was erroring rather than using the default language description.</p>
Application Program Interfaces (APIs): Audits	32578301	<p>Audit From & To Dates validation relative to time zone</p> <p>When updating an Audit using the Audit REST API, the validation processing of From Date and To Date is now time zone aware, based on the application's default time zone.</p> <p>For example, if the default time zone is Australia/Sydney, calls to the Audit API, when validating the From Date and To Date will be applied according to that time zone.</p> <p>Validation applied when using the application UI continues to function the same, that is, it uses the time zone specified for the user's User record.</p>
Application Program Interfaces (APIs): Product Specifications	34773925	<p>Product Specification API Performance Issue</p> <p>A change has been made to improve the performance of the Specification API when calling for a full list of Specifications utilizing the standard/rest/specification endpoint.</p>
Application Program Interfaces (APIs): Project/Process Activities	34570245	<p>Error calling the Project Activities API</p> <p>A fix has been made to rectify an error that occurred when calling the Activities API to retrieve a list of activities associated with a process/project.</p> <p>The error was due to the process failing to locate the process/project id from the parent process/project.</p>
Application Program Interfaces (APIs): Specifications	34283819, 34758359	<p>Specification SOAP API does not return expected results</p> <p>When using the Specification SOAP API service to search for Specifications, records were missing from the results. This occurred with a search on Status (DE-LISTED, OFF-RANGE were identified as having an issue), along with specifying from Date and/or to Date information, to search Change History dates.</p> <p>A modification has been applied to the Specification SOAP API service to resolve an issue when searching for Specifications on Status (specifically DE-LISTED / OFF-RANGE), while also including from Date and/or to Date information, to search Change History dates.</p>
Application Program Interfaces (APIs): Users	34374435, 34446565	<p>Email Address synchronization</p> <p>A fix has been made to rectify an issue with Email Address data not synchronizing between IDCS and the application's User record.</p> <p>The fix is made to the <i>IDCS to Brand Compliance Synchronization</i> batch job, to use a page-size of 1,000 when querying modified IDCS Users since the last time the process ran.</p>

4

Deprecated Features

As part of the continuous delivery model for cloud services, features and technical components of a solution may be removed or replaced to enhance the security, performance, and overall quality of the cloud service. When this occurs, the deprecation of a feature or component will be announced in advance, allowing customers sufficient time to anticipate the change and transition to any enhanced replacement feature/component. After the deprecation is announced, the deprecated feature or component will remain in the solution until the planned removal date and will not be enhanced or made compatible with other new features.

For the full schedule of planned deprecations for this product, see the Deprecation Advisory accessed from the following MOS Documentation Library: Oracle Retail Brand Compliance Management Cloud Service Documentation Library at [Doc ID 2400174.1](#).