Oracle

Enterprise Back Office Release Notes

Release 20.x
F17861-53
June 2025

Oracle Enterprise Back Office Release Notes, Release 20.x

F17861-53

Contents

Preface

This document describes the features and changes included in this Oracle Restaurants Enterprise Back Office release, which is comprised of:

- Reporting and Analytics
- Forecasting and Budget
- Gift and Loyalty
- Inventory Management
- Labor Management

Purpose

These Release Notes provide a brief overview of additions, enhancements, and corrections implemented in this software release. Their intent is informative, not instructional. Review Enterprise Back Office's product documentation, including technical and application advisories for previous versions, for detailed information on installation, upgrade, configuration, and general use.

Audience

This document is for all Enterprise Back Office users.

Important Information

The Release Notes and product documentation describe the features and functionality in the Advanced Cloud Services version of Oracle Restaurants Reporting and Analytics and Oracle Restaurants Gift and Loyalty. If you purchased the Standard versions, you may not have access to some of the described features and functionality.

Customer Support

To contact Oracle Customer Support, access the Support Portal at the following URL:

https://iccp.custhelp.com/

When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screenshots of each step you take

Documentation

Oracle Restaurants product documentation is available on the Oracle Help Center at http://docs.oracle.com/en/industries/food-beverage/.

Revision History

Date	Description of Change
October 2020	Initial publication.
January 2021	• Added *Translations* section • Added *Application Compatibility* section
February 2021	Added new features and changes for patch 20.1.5
April 2021	• Added new features and changes for patch 20.1.6 • Updated Application Compatibility
September 2021	Added new features and updates for patch 20.1.8
October 2021	Added new features and updates for patch 20.1.8.3
November 2021	Added new features and updates for patch 20.1.9.0
January 2022	Added new features and updates for patch 20.1.9.3
February 2022	Added new features and updates for patch 20.1.9.4
March 2022	Added new features and updates for patch 20.1.9.5
April 2022	Added new features and updates for patch 20.1.9.6
June 2022	Added new features and updates for patch 20.1.9.7
September 2022	Added new features and updates for patch 20.1.10
January 2023	Updated new features and updates for patch 20.1.10
February 2023	Updated new features and updates for patch 20.1.10
April 2023	Added new features and updates for patch 20.1.11
June 2023	• Updated links to the list of bugs fixed in patch hotfixes and documentation updates to support the 20.1.11 patch • Added new features and updates for patch 20.1.12
July 2023	Added new features and updates for patch 20.1.13
October 2023	Added new features and updates for patch 20.1.14
November 2023	Updated new features and updates for patch 20.1.14
April 2024	Updated new features and updates for patch 20.1.14

Date	Description of Change
May 2024	Added new features and updates for patch 20.1.15
July 2024	Updated new features and updates for patches 20.1.14 and 20.1.15
August 2024	Updated new features and updates for patch 20.1.15
September 2024	• Added new features and updates for patch 20.1.16 • Added 20.1.14.12 to the Features and Updates section for fiscal reports changes
October 2024	• Updated Application Compatibility • Added new features and updates for patch 20.1.17
November 2024	• Updated new features and updates for patch 20.1.15 • Updated new features and updates for patch 20.1.14
January 2025	Added new features and updates for patch 20.1.18
March 2025	Added new features and updates for patch 20.2
April 2025	Updated Supported Browsers.
June 2025	Added new features and updates for patch 20.2.1

1
Features and Updates

This chapter describes the features and updates contained in the minor release and patch releases.

20.2.1

This patch release does not contain new features.

Log in to the Support Portal and then click Document 8285 to see a list of bugs fixed in the patch.

20.2

This patch contains bug fixes.

Log in to the Support Portal and then click the following links for more information:

- Document 8285 contains a list of bugs fixed in the patch.
- Document 8286 describes documentation updates to support the patch.

Reporting and Analytics

20.2 introduces the following changes:

- The user interface has been refreshed using Oracle's Redwood design system, bringing a more modern, consistent, and user-friendly experience, without altering workflows or requiring training. This update is a visual enhancement, not a full redesign. This incorporates Redwood's refined UI components to make the interface more modern and consistent both within Oracle Restaurants applications, as well as with other Oracle applications, like Fusion Enterprise Resource Planning (ERP) or NetSuite. Key improvements include:
  - Consistent look and feel – the updated interface ensures a familiar experience across platforms.
  - Modernized visuals – refreshed fonts, colors, and spacing to enhance readability and to create a cleaner, more contemporary look.
  - Improved accessibility – higher color contrast, better keyboard navigation, and enhanced screen reader compatibility make the platform more inclusive.
  - Usability refinements – updated drop-downs, buttons, and notifications provide smoother, more intuitive interactions.

  While the interface looks refreshed, all existing workflows and functionality remain intact. You can continue using the system as you always have, but with a more polished experience. For more details about the enhancements and a visual comparison between the new and the previous interface, review the introduction video from Oracle University.
- Expanded the reporting capabilities of Order Channels to let operators gain more insights from where orders are originating. Order Channel information has been added to the

Check Detail, Sales Analysis, Operations Analysis, and Closed Checks reports. More details can be found in the Reporting and Analytics Reports Reference Guide. Order Channel information has also been added to many different Report Builder and iQuery subject areas to let you create customized reports.

- Redesigned parts of the Point of Sale tab in People Management. The workflows to assign locations, roles, and EMC visibility were made more consistent. The changes simplify and streamline those actions, especially when managing large enterprises.
- Updated the password policy to improve security and stay up-to-date with evolving industry standards. For more details about the updated password rules, see Passwords and Locked Accounts in the *Reporting and Analytics User Guide*.
- Extended support for Australian GST configurations to Self-Service Exports, Report Builder, and InMotion Mobile App. Tax-specific data points:
  - Can now be queried in self-service export configurations.
  - Are included in the Standard GL Export template (see the Standard Export User Guide for more details).
  - Are available in several subject areas within Report Builder custom reports.
  - Are available within the InMotion Mobile check detail view, where you can view a breakdown of taxes.
- External references can now be accessed from Reporting and Analytics, which complements a new feature in Simphony 19.8. Those references are used by integrators to link items between external third-party systems, such as inventory, supply chain, or ERP applications, and Simphony. `External Reference 1` and `External Reference 2` are available for Menu Items, Menu Item Prices, Discounts, Service Charges, and Tender Media. The fields can be queried from the relevant dimensions endpoints of the Business Intelligence (BI) API, Self-Service Export subject areas, and Direct Database Access views.
- Additional enhancements to Report Builder and iQuery:
  - Existing transaction-based subject areas can now be used to report on historical data. Previously they were limited to the current business date.
  - Multiple VAT tax-related sales metrics have been added to Operations, Menu Item, Service Charge, Discount, and Guest Check subject areas and are now available for customized reports.
  - Employee SSN and User-Defined Fields are added to Time Card subject areas, extending the data available for customized reports.
- Additional enhancements to Self-Service Exports:
  - Added an option to schedule transaction-level exports based on cloud posted date. The new delta exports scheduling option includes all data that was inserted or updated in the cloud on a defined date, instead of all transactions of a defined business date. With the new option, exports will automatically include late posted data or updates to previous business dates. It will help reduce manual efforts and export re-runs.
  - Subject areas have been enhanced to include check line item-level tax information. Details about the applied tax rates per item can now be exported. This information has been added to the Check Menu Item, Check Discount, and Check Service Charge subject areas.
  - Improved the existing Oracle Payment Cloud Service-related export subject areas to more easily allow for payment reconciliation in external systems. Several attributes have been added, especially the Payment ID and Payment Detail ID fields which help

reconcile and match POS transaction, payment settlement, and payment payout details belonging to the same payment transaction.

The New Payment Reconciliation Standard Export and Payment Payout Summary Standard Export have been added as core templates, making setting up exports including all relevant data points to reconcile payments very easy. More details about the new standard core templates can be found in the Standard Export User Guide.

More detailed descriptions of the payment reconciliation workflow and data structure descriptions are available in the Oracle Payment Cloud Service User Guide.

- Additional enhancements to the BI API:
  - Added the new getTimeCardDetails endpoint that allows integrators to query time card details in real time. Combining endpoints to query sales and time cards within the BI API helps to simplify labor or payroll integrations and you do not have to use the separate Labor Management API.
  - Added discount report group information to the getDiscountDimensions endpoint. This enables integrators use the same grouping of discounts in their external system, as already defined within Simphony EMC.
  - Added the new getPaymentPayoutSummary endpoint which summarizes batch payouts for the specified account and payout date.
  - The existing Oracle Payment Cloud Service-related API endpoints have been improved to more easily allow for payment reconciliation in external systems. Several attributes have been added, especially the Payment ID and Payment Detail ID fields which help reconcile and match POS transaction, payment settlement, and payment payout details belonging to the same payment transaction.

    More detailed descriptions of the payment reconciliation workflow and data structure descriptions are available in the Oracle Payment Cloud Service User Guide.

Labor Management

The timeclock application (TCA) download portlet has been removed from the user interface and unassigned from all roles. The TCA is used by RES 3700 customers.

20.1.18

This patch contains bug fixes.

Log in to the Support Portal and then click the following links for more information:

- Document 8285 contains a list of bugs fixed in the patch.
- Document 8286 describes documentation updates to support the patch.

Reporting and Analytics

20.1.18 introduces the following changes:

- You can now report on and extract transaction-level data for exempted inclusive (non-VAT/add-on) taxes. A new **inclusive tax exempt total** metric has been added to:
  - The getGuestChecks endpoint of the Business Intelligence (BI) API.
  - The Guest Check Headers and Guest Check Taxes subject areas within Self-Service Exports.
  - The Guest Checks subject area in Report Builder and iQuery.

- The Check Detail report.

POS clients need to be on version 19.8 or higher to view the data.

20.1.17

This patch contains bug fixes.

Log in to the Support Portal and then click the following links for more information:

- Document 8285 contains a list of bugs fixed in the patch.
- Document 8286 describes documentation updates to support the patch.

Reporting and Analytics

20.1.17 introduces the following changes:

- The Business Intelligence API has been enhanced to include discount report group information. The report groups are configured within Simphony EMC and help integrators to categorize or group similar type of discounts. See getDiscountDimensions in the *Business Intelligence API User Guide* for more details.

20.1.16

This patch contains bug fixes.

Log in to the Support Portal and then click the following links for more information:

- Document 8285 contains a list of bugs fixed in the patch.
- Document 8286 describes documentation updates to support the patch.

Reporting and Analytics

20.1.16 introduces the following changes:

- Enhancements to People Management and Labor Management:
  - To quickly hire an employee, you can now copy an existing person to create a new one with the same assigned attributes, privileges, and permissions. Only the name, email, and magnetic card number need to be entered during the new copy workflow. See Copying a Person in the *Reporting and Analytics User Guide*.
  - Improved assigning enterprise labor employees to away stores:
    * You can now search for an away store when reassigning an employee to another store, reducing the time scrolling for the location.
    * You can now select more than one store at a time. Press the Ctrl key and then select the additional stores.
  - To simplify support procedures, the magnetic card number is no longer masked within the employment information of a person. To view this field, navigate to the person, edit them, click Employment, click Manage Employment Information, click Labor Configuration, and then click POS Configuration.
  - Enterprises using a hybrid labor configuration can now set effective from and effective to dates for jobs assigned to people in a non-labor location. That lets enterprises add an end date to a job assignment if an employee changes roles and needs different job assignments or remove their authorization to work at certain locations.

  - The timecard API in the Labor Management API has been enhanced with revenue center and job code information, as well as regular and overtime hour and pay details accrued for each time card record. For more details, see the Labor Management API Programmer's Guide.

- Enhancements to API accounts and the API authentication workflow:
  - You can now configure custom redirect URLs for an API account. This applies to all types of API accounts. See Adding API Accounts for more details.
  - The expiration time of the refresh token has been extended from two to four weeks. This lets integrators refresh the ID token and refresh token even after the ID token has expired after two weeks, allowing for a simplified integration. This change applies to all types of API accounts. See Authenticate in the *Business Intelligence API Guide* for more details.

- Enhancements to the Business Intelligence API:
  - Added endpoints for quarter hour sales and operational aggregations. The endpoints closely follow the structure of the existing daily aggregations, with an additional array that allows integrators to identify sales and operational data broken down by quarter hour number, business hour, and day part name. For more details, see: combo items, job codes, discounts, service charges, tender media, menu items, order types, and operations.
  - To support further and customized categorization of several definition types, the category group information of cash management items, discounts, order types, revenue centers, service charges, taxes, tenders, menu items, family groups, and major groups were added to the relevant Dimensions endpoints. To create category group hierarchies, category groups, and see how to assign them to master items, see Creating Category Group Hierarchies, Creating Category Groups, and Configuring Master Items in the *Reporting and Analytics User Guide*.
  - Added discount report group information to the getDiscountDimensions endpoint. This lets integrators use the same grouping of discounts in their external system, as already defined in the Simphony EMC.
  - Location and revenue center address, country, and region information has been added to the getLocationDimensions and getRevenueCenterDimensions endpoints.
  - Added fields to identify the card present type, transaction currency, and the exact version of the workstation client posting the payment transaction to the getSPIPaymentDetails endpoint.
  - Customers using the Simphony tip track feature can now query tips that were paid out by employees using the newly added `tipsOutTtl` field in the getEmployeeDailyTotals endpoint.
  - Added four new fields to the getCashManagementDetails endpoint to allow for the complete view of cash management transactions and deposits.
  - Added several new fields to the getGuestChecks endpoint to identify check operations such as reopen a closed check, reprint a check, split checks and some adjustment totals:
    - Within the `detailLines` array: `rvcNum`, `seatNum`, `numerator`, `denominator`.
    - Within the `guestChecks` array: `numSrvcRd`, `vdTtl`, `mgrVdTtl`, `returnTtl`, `errorCorrectTtl`, `reopnClsdChkFlag`, `reopnClsdChkOpnLcl`, `reopnClsdChkOpnUTC`, `reopnClsdChkOpnBusDt`, `numChkPrntd`, `splitOut`, `addedIn`.
    - Within the `taxes` array: `taxExmptTtl`.

    * For detailed descriptions of each of those fields, see the Business Intelligence API Guide.

- Enhancements to reports, reporting, and export functionality:
  - Implemented several usability enhancements to the Open Checks report. It now includes a new filter, that lets you select whether to include checks opened during the current business date or not. The report also now displays checks opened up to 60 days ago.
  - An enterprise using multiple reporting hierarchies can now select one of them as their default. Individual users can override the enterprise setting in their My Profiles dialog. The default reporting hierarchies define which locations are displayed within the basic drop-down filter for locations on reports. The **All locations** selection includes all locations that are configured within the default reporting hierarchy.
  - A new tax type **Type 6 = Add on, Excludes Start Amount** is now supported on the Check Detail report, and returned as a new enumeration value in exports and the BI API.
  - The Payout Detail report and the Payout Transaction Detail report can now be grouped by business date.
  - The Clear Totals portlet now lets you delete labor data up to a specified date. Customers using Labor Management can now delete time cards and labor cost that were added during training, prior to going live with a new location.
  - The Report Library now lets you search translated report names or descriptions. The response time of the search is now instantaneous.
  - Self Service Exports and Standard Export specification:
    * Customers using future order can now identify the future auto fire date and time. The Guest Check Headers subject area and the Guest Check Headers (CHDR) version 1.24 export components now include this field. For more information refer to the Reporting and Analytics Standard Export User Guide.
    * The Cash Management Details subject area and the CASH component within the Standard General Ledger Core Export were enhanced to include four new fields to allow for a complete view of cash management transactions and deposits. The new fields are actual business date, session number, target receptacle number, and target session number. For more information refer to the Reporting and Analytics Standard Export User Guide.

20.1.15

This patch contains bug fixes.

Log in to the Support Portal and then click the following links for more information:

- Document 8285 contains a list of bugs fixed in the patch.
- Document 8286 describes documentation updates to support the patch.

Reporting and Analytics

20.1.15 introduces the following changes:

- New **People Management** feature introduces a single user interface in the cloud to complete the various tasks around hiring and managing people by managers or corporate employees. The following features were combined:

  - Reporting and Analytics User Management
  - Simphony Enterprise Maintenance Console (EMC) Employee Maintenance
  - Labor Management Human Resources

  From the updated landing page, the logged in person can view and filter all users and employees they manage and have access to. Existing people can be edited and new people can be added to the system. The roles and permissions they can be granted depend on the roles and permissions that are assigned to the hiring manager. As a general rule, you can't grant more access than you have yourself.

  If your enterprise uses the Oracle Restaurants Labor Management product, the Human Resources employee user interface is now fully integrated into the new workflow. The Simphony EMC Employee Maintenance workflow is also integrated so all aspects and permissions of a person can now be set using a single user interface. You can now complete the hiring process of adding a new person in one place, rather than using multiple applications.

  Privileged users can download people audit information, which is a complete list of people in the system with their assigned roles and permissions to be used for internal or external security audits.

  Privacy-related activities, such as de-identifying people, or viewing a person's personal data report are integrated into the new user interface as well and can be performed with the appropriate permissions.

  See People Management in the *Oracle Restaurants Reporting and Analytics User Guide* for more details.

- To support the new Simphony point of sale feature of **Order Channels**, new reporting and data access options were added to Reporting and Analytics. Using the new reports, you can analyze business operations and where orders originate from, such as delivery providers, phone, website, and front-of-house.

  New reports were added and several updates were made to some existing reports, the Business Intelligence (BI) API, Self-Service Exports, and Direct Database Access view.

  - Newly added reports. Refer to the *Oracle Restaurants Reporting and Analytics Reports Reference Guide* for more details:
    - Order Channel Sales Mix (Add-On Tax) and (Inclusive Tax).
    - Order Channel Employee Sales (Table Service Restaurant, Add-On Tax), (Table Service Restaurant, Inclusive Tax), (Quick Service Restaurant, Add-On Tax), and (Quick Service Restaurant, Inclusive Tax).
    - Order Channel Sales and Operations (Table Service Restaurant, Add-On Tax), (Table Service Restaurant, Inclusive Tax), (Quick Service Restaurant, Add-On Tax), and (Quick Service Restaurant, Inclusive Tax).
  - Additional breakdowns of sales and operational metrics by order channel were added to existing reports. Refer to the *Oracle Restaurants Reporting and Analytics Reports Reference Guide* for more details:
    - Daily Operations reports
    - System Financial reports
    - Employee Financial Detail reports
  - New and updated API endpoints in the BI API:
    - Added the new getOrderChannelDimensions endpoint.
    - Added the new getOrderChannelDailyTotals endpoint.

        * Order Channel Number (ocNum) was added to getComboItemDailyTotals, getMenuItemDailyTotals, getOrderTypeDailyTotals, and getGuestChecks.
        * New and updated subject areas in Self-Service Exports:
            * Added the Order Channel subject area.
            * Added the Daily Order Channel Summary subject area.
            * Added the orderChannelID, orderChannelNum, orderChannelName, orderChannelMasterNum, and orderChannelMasterName dimensions to various existing menu item, guest check, guest check details, order type, employee, and fixed period subject areas.
        * New and updated components in the Standard Export specification. For more details refer to the *Oracle Restaurants Enterprise Back Office Standard Export User's Guide*:
            * Added the Daily Order Channel Summary (OCD) component.
            * Added the orderChannelNum, orderChannelName, orderChannelMasterNum, and orderChannelMasterName dimensions to various existing menu item, guest check, guest check details, order type, employee, and fixed period exports and components.
        * New views and dimensions were added to the *Database Access Cloud Service Reference Guide*:
            * Added the VRO_ORDER_CHANNEL_DAILY_TTL_V1 and VRO_ORDER_CHANNEL_V1 tables.
            * Added the orderChannelID dimension to various existing menu item, guest check, guest check details, order type, employee, and fixed period views.
- Added a new feature and drill-down reports related to **Acknowledging Time Card Adjustments**. This is an optional feature that lets employees review and acknowledge time card adjustments made by a manager or payroll team. See Clocking In and Out in the *Oracle Simphony POS User Guide* and Configuring Locations for Labor Management in the *Oracle Restaurants Labor Management User Guide* for more information on the new features. Refer to the *Oracle Restaurants Reporting and Analytics Reports Reference Guide* for more details on the reports:
    – Adjusted Time Cards
    – Unacknowledged Adjustments
    – Time Card Adjustment Details

20.1.15 also introduces the following other changes:

- Further enhanced the BI API:
    – Empty strings are now allowed for searchCriteria and Include request parameter. The API will behave as if the parameters are not specified.
    – The new `balanceAmt` field was added to the getCashManagementDetails endpoint.
    – The new `modPrfx` and `modFlag` were added to the `menuItem` array in getGuestChecks endpoint. These new fields allow an integrator to identify (default) condiments, and added, removed, or substituted condiments. Refer to the new use case documentation for more details.
- Report filters saved using the **Save as** action now only appear in the Library as separate reports for the person that saved the parameters. Other users will not see those reports anymore. If a user had been using a report with saved filters they didn't save themselves,

they will need to run the original report, set the filters as desired, and then click **Save as** for themselves.

- Product version information was removed from the footer and can now be found by clicking your profile name and then clicking **About**.
- The return limit was increased to 25,000 rows on all reports. That includes all core reports as well as reports built through Report Builder, iQuery, Audit and Analysis, and reports scheduled through Report Mail.
- Some date and datetime fields in components in the Self-Service Export Standard Export core templates were using a wrong date format. This has been corrected in the latest Version 1.23 of the templates.
- SSH cipher suites support has changed. If you use your own sFTP servers for exports, you must ensure that the receiving servers are up-to-date and do not require the removed ciphers to connect. This applies to custom exports, legacy standard exports, Self-Service Exports, and Gift and Loyalty segmentation exports. If you use an Oracle provided sFTP account, you do not need to make any changes.
  – Removed support for the following SSH cipher suites:
    * **Key Exchange**
      * diffie-hellman-group14-sha1, diffie-hellman-group-exchange-sha1, diffie-hellman-group1-sha1
    * **Symmetric Cipher**
      * aes128-cbc, aes192-cbc, aes256-cbc, blowfish-cbc, 3des-cbc, 3des-ctr, arcfour, arcfour128, arcfour256
    * **Message Authentication Code (MAC)**
      * hmac-sha1-etm@openssh.com, hmac-sha1, hmac-md5, hmac-md5-96, hmac-sha1-96
    * **Server Host Key**
      * ssh-rsa, ssh-dss
  – Going forward, we will support the following cipher suites:
    * **Key Exchange**
      * curve25519-sha256 (curve25519-sha256@libssh.org), curve448-sha512, diffie-hellman-group-exchange-sha256, diffie-hellman-group14-sha256, diffie-hellman-group15-sha512, diffie-hellman-group16-sha512, diffie-hellman-group17-sha512, diffie-hellman-group18-sha512, ecdh-sha2-nistp256, ecdh-sha2-nistp384, ecdh-sha2-nistp521
    * **Symmetric Cipher**
      * aes128ctr, aes192ctr, aes256ctr, chacha20-poly1305@openssh.com, aes128-gcm@openssh.com, aes256-gcm@openssh.com
    * **Message Authentication Code (MAC)**
      * hmac-sha2-256-etm@openssh.com, hmac-sha2-512-etm@openssh.com, hmac-sha2-256, hmac-sha2-512
    * **Server Host Key**
      * ssh-ed25519 (ssh-ed25519-cert-v01@openssh.com), nistp384 (ecdsa-sha2-nistp384), rsa-sha2-256, rsa-sha2-512, nistp256 (ecdsa-sha2-nistp256), nistp521 (ecdsa-sha2-nistp521), ecdsa-sha2-nistp256-cert-

v01@openssh.com, ecdsa-sha2-nistp384-cert-v01@openssh.com, ecdsa-sha2-nistp521-cert-v01@openssh.com

20.1.14

This patch contains bug fixes.

Log in to the Support Portal and then click the following links for more information:

- Document 8285 contains a list of bugs fixed in the patch.
- Document 8286 describes documentation updates to support the patch.

Advance Notice - Action Required

As part of ongoing security updates, we will remove weak and deprecated SSH cipher suites from the next release of Reporting and Analytics (20.1.15) and Inventory Management (9.1.37). The cipher suites are used to securely establish sFTP server connections and to encrypt the data transfer through sFTP.

These changes could affect your:

- Custom exports
- Legacy standard exports
- Self-service exports
- Gift and Loyalty segmentation exports
- sFTP connections within Business-to-Business (B2B) or Closed Financial Periods in Inventory Management.

> **Note:**
>
> If you use your own sFTP server or a third-party sFTP server, you must check its compliancy to avoid business interruption. **Your exports might fail** if you do not follow the corrective actions to the sFTP servers described below.

If you use an Oracle Food and Beverage-provided sFTP account, you do not need to make any changes. Oracle Food and Beverage-provided sFTP services are already configured with the appropriate SSH cipher suites.

Corrective Actions

As the receiver of exports, you must contact the owner(s) or administrator(s) of the sFTP servers you are using and refer them to Secure Protocols in the *Oracle Restaurants Enterprise Back Office Security Guide*. This page lists the supported ciphers, the ciphers we are removing, and the ciphers we are adding.

The sFTP servers used to receive files sent from Oracle MIRCROS Reporting and Analytics and Inventory Management must be configured to negotiate SSH connections using a collection of supported key exchange, host key, encryption, and MAC algorithms compatible with current releases of Reporting and Analytics and Inventory Management and upcoming releases (that is, 20.1.15 and 9.1.37).

If weak or deprecated ciphers are enabled on the server, you must disable them once Reporting and Analytics is upgraded to 20.1.15 and Inventory Management is upgraded to 9.1.37.

It is strongly recommended that you follow these corrective actions as soon as possible to avoid interruptions in your business processes and integrations.

Reporting and Analytics

20.1.14.13 introduces the following changes:

Enhancements to the Business Intelligence API:

- To support further and customized categorization of several definition types, the category group information of cash management items, discounts, order types, revenue centers, service charges, taxes, tenders, menu items, family groups, and major groups were added to the relevant Dimensions endpoints. To create category group hierarchies, category groups, and see how to assign them to master items, see Creating Category Group Hierarchies, Creating Category Groups, and Configuring Master Items in the *Reporting and Analytics User Guide*.
- Customers using the Simphony tip track feature can now query tips that were paid out by employees using the newly added `tipsOutTtl` field in the getEmployeeDailyTotals endpoint.

Enhancements to Self-Service Export Subject Areas:

- The Cash Management Details subject area was enhanced to include four new fields to allow for a complete view of cash management transactions and deposits. The new fields are actual business date, session number, target receptacle number, and target session number.

20.1.14.12 introduces the following fiscal reports changes for the Philippines. They are in the Regional report category.

Added the following reports:

- BIR NAC (National Athletes & Coaches)
- BIR MOV (Medal of Valor)
- BIR SP (Solo Parents)

Updated the following reports:

- Replaced Official Receipt with Invoice in report names, descriptions, and labels
- Replaced OR# with INV# in report labels

20.1.14.11 introduces the following changes:

- The character limit was increased for several point of sale definition types so that names with up to 128 characters are displayed on reports. The increased limit applies to the following definitions:
  - Discount, Service Charge, Tax, Tender Media
  - Family Group, Major Group, Menu Item
  - Cash Management Item, Account, Count Sheet, Receptacle, Vendor
  - Employee, Employee Class
  - Order Type
  - Revenue Center
  - Event Area, Definition, Subtype, Type
  - Cashier, Currency, Job Code, Reason Code, Report Group, User Workstation

20.1.14.9 introduces the following changes:

- Added a new report with drill-down reports related to Acknowledging Time Card Adjustments.
  - Adjusted Time Cards
  - Unacknowledged Adjustments (drill-down report from Adjusted Time Cards)
  - Time Card Adjustment Details (drill-down report from Adjusted Time Cards)

  To start using the new feature, click the side menu, click **Labor Management**, click **Payroll Preprocessing**, click **Admin**, and then click **Location Configuration**. Make a selection for the organizational hierarchy or location and then set a start date for the **Time card adjustment acknowledgement required** option.

  Refer to Time Cards in the *Oracle Simphony User Guide* for more information on the new feature.

20.1.14 introduces the following changes:

- Processed Customer Transactions report. See Processed Customer Transactions in the *Oracle Restaurants Reporting and Analytics Reports Reference Guide*.
- Changes to attributes and new attributes for the following Business Intelligence (BI) API endpoints:
  - getPaymentChargebacks
  - getPaymentPayouts
  - getPaymentSettlements
  - getPaymentTransactions
- New API activity dashboard for monitoring the Simphony Transaction Services Gen2 REST API. The dashboard shows API activity for environments that use Simphony 19.5.3 or later. See Monitoring API Performance for more information.

20.1.13

This patch contains bug fixes.

Log in to the Support Portal and then click the following links for more information:

- Document 8285 contains a list of bugs fixed in the patch.
- Document 8286 describes documentation updates to support the patch.

Reporting and Analytics

20.1.13 introduces the following changes:

- Admin server-based exports can now be configured to run in a specific time zone. See "Scheduling the Export" in the Oracle Restaurants Enterprise Back Office Standard Export User Guide for more details.

  > **Note:**
  >
  > A time zone can also be set for self-service exports.

- Added event code information to the guest check header subject area in self-service exports, as well as to the export core templates. See the Oracle Restaurants Enterprise Back Office Standard Export User Guide for more details.

Gift and Loyalty

20.1.13 introduces a new API to issue coupons in bulk in the Gift and Loyalty CRM API. See Document 695 on the Customer Support Portal for more information.

20.1.12

This patch contains bug fixes.

Log in to the Support Portal and then click Document DOC8285 to see a list of bugs fixed in the patch.

Reporting and Analytics

20.1.12 introduces the following changes:

- Added fields to the getGuestChecks and the getControlDailyTotals endpoints of the Business Intelligence (BI) API to allow clients to identify when transactions were completed at the point of sale (POS) as well as when they were inserted or updated in the cloud.
  - Added lastTransUTC and lastTransLcl fields to the check header array (getGuestChecks).
  - Added lastUpdatedUTC and lastUpdatedLcl fields to the check detail lines array (getGuestChecks).
  - Added lastUpdatedUTC and lastUpdatedLcl fields to getControlDailyTotals.
- Added modification PSP reference details to Payment Chargeback, Payout, and Transaction self-service export subject areas, as well as to the relevant BI API endpoints.
- Added default employee class details to the getEmployeeDimensions API.
- Added auto fire date and time information to the getGuestChecks API to identify when a guest check was or is going to be auto fired.
- Expanded fiscal data access capabilities. The new "json" field can contain data formatted as JSON. Its availability and content are dependent on your country's fiscal integration.
  - Added a new field to each of the fiscal data APIs. See Fiscal Transactions REST Endpoints for more details.
  - Added the same new field to the fiscal subject areas within the self-service exports module.
- Added new fields to the Inventory and General Ledger Standard exports. They are available in the v1.22 specification of the exports. The fields have also been added to the relevant self-service export subject areas. See the Oracle Hospitality Enterprise Back Office Standard Export User Guide for more details.
  - Inventory Item Records (INV)
    - IM Inventory Item Number
    - IM Inventory Item Code
  - Purchase Order Records (PO)
    - IM Purchase Order Number

- Purchase Order Details Records (PODTL)
  - IM Purchase Order Number
- Receipt Records (RCPT)
  - IM Purchase Order Number
- Receipt Details Records (RCPTDTL)
  - IM Purchase Order Number
  - IM Vendor Reference Number
- Transfer Records (XFER)
  - IM Inventory Item Code
- Check Header (CHDR)
  - Open Day Part Name
  - Close Day Part Name

- Added Simphony Payment Interface (SPI) Payment Transaction information to Direct Database Access. See the "VRO_SPI_PAYMENT_DETAILS_V1" section of the Oracle Restaurants Database Access Cloud Service Reference Guide for more details.

Simphony Inventory

20.1.12 introduces the following changes for enterprises subscribed to Simphony Inventory:

- Assign data permissions related to Simphony Inventory reports to Reporting roles.
- Enhancement of user management to allow assignment of a Simphony Inventory role to grant access to Simphony Inventory.
- Authorized users can access Simphony Inventory through a new link in the side menu.
- Added several new reports within the Inventory report category related to ordering, receiving, transfer, usage, cost of sales, and inventory counts.

Labor Management

20.1.12 introduces the following changes:

- A new **Hybrid Labor Enterprise Employee Worksheet** is available for enterprises that have some locations using timekeeping and others that do not. See Importing Employee Information from a Microsoft Excel Spreadsheet in the *Oracle Hospitality Labor Management User Guide* for more details.

20.1.11

This patch contains bug fixes.

Log in to the Support Portal and then click the following links for more information:

- Document 8285 contains a list of bugs fixed in the patch.
- Document 8286 describes documentation updates to support the patch.

Reporting and Analytics

20.1.11 introduces the following changes:

- Enables enterprises to query and extract Oracle Payment Cloud Service data.

- Added six new endpoints to query account and account holder dimensions, as well as payment transactions, settlements, payouts, and chargebacks.
- The same set of subject areas have been added to the self-service export module to let you to write your own exports of Payment Cloud Service data.

- Enables enterprises who use the Simphony Payment Interface (SPI) to query and extract card payment details from the cloud. This data can be used to reconcile POS card payment transactions with payment service provider records, and to aid in marketing and customer tracking.
  - Added the new getSPIPaymentDetails endpoint to query payment details through the Business Intelligence (BI) API.
  - Added the new SPI Payment Details subject area to the report builder and iQuery.
  - Updated the Standard General Ledger Export specification in the Standard Export User Guide with a new **SPI Payment Details** export. It is available starting with export version v1.22 and can be included optionally in exports generated through the Admin Server scheduling mechanism, as well as through a new core template available in self-service exports.
- Expanded fiscal data access capabilities. The new `json` field can contain data formatted as JSON. Its availability and content are dependent on your country's fiscal integration.
  - Added a new field to each of the fiscal data APIs. See Fiscal Transactions REST Endpoints for more details.
  - Added the same new field to the fiscal subject areas within the self-service exports module.
- Introduced support for non-revenue menu item reporting. This feature is dependent on Simphony 19.5 or higher.
  - Existing reports which included a **Non-Revenue Service Charge** field have been updated to now include a **Non-Revenue Total** field which will show the sum of all non-revenue service charge sales and non-revenue menu item sales. See the Oracle Restaurants Reporting and Analytics Reports Reference Guide for more information.
  - Drilling down from the **Non-Revenue Total** field runs the new Non-Revenue Report. This report shows a breakdown of non-revenue service charge sales and non-revenue menu item sales.

    > **Note:**
    >
    > Non-revenue menu item sales will not appear on Sales Mix or Menu Engineering-type reports.

  - Further changes were made in the following areas:
    - BI APIs
      - Non-Revenue Service Charge fields now also include non-revenue menu item sales.
      - Added the new `revFlag` field to getMenuItemDimensions API which allows you to identify non-revenue menu items.
    - Report builder and iQuery
      - Existing Non-Revenue Service Charge fields are renamed to Non-Revenue Total. This field now includes non-revenue service charge sales and non-revenue menu item sales.

        * Self-service export subject areas
            * Non-Revenue Service Charge fields now also include non-revenue menu item sales.
            * Added new `revFlag` field to the Menu Item subject area which allows you to identify non-revenue menu items.
        * Standard General Ledger Exports
            * Non-Revenue Service Charge fields now also include non-revenue menu item sales.
- Further improvements to help monitor self-service exports.
    - Export notifications, which were introduced in version 20.1.10.1, have been enhanced to include the scheduled Start of Day (SOD) time as defined within Simphony EMC. This allows a System Administrator to set schedule start times correctly and identify export failures that are caused by scheduling exports prior or too close to the scheduled SOD times.
- New enterprises are now configured with a default **All Day** day part which covers all 24 hours of the day. Day part configurations can be updated to meet the individual needs of an enterprise. See Day Parts in the *Oracle Restaurants Reporting and Analytics User Guide* for additional information.
- Added new **Philippines BIR Non Revenue Payment** report showing sales and taxes by location, revenue center, business date, and check number for non-revenue payments such as room charges or city ledgers. This report is part of the Oracle Restaurants Fiscal Solution for Simphony Philippines 21.2.0.0.

Labor Management

20.1.11 introduces the following changes:

- Labor Management now supports simplified employee management without the need to configure all human resources, time clock, job, and pay-related aspects of the employee. This allows your enterprise to use a hybrid model for Labor Management. You can decide which locations use the full Labor Management and which locations just manage and maintain employees in the cloud. See Configuring the Non-Labor Template for Hybrid Labor Setups in the *Oracle Hospitality Labor Management User Guide*.
- Added a new feature that assigns the external payroll ID as the employee's object number in Simphony. See Configuring External Payroll ID in the *Oracle Hospitality Labor Management User Guide* for more details.

20.1.10

This patch contains bug fixes.

Document 2748234.1 contains a list of bugs fixed in the patch.

Document 2748253.1 describes documentation updates to support the patch.

Reporting and Analytics

20.1.10.1.3 introduces the following changes:

- The user's landing page default has been changed from **Dashboard** to **My Reports** to improve the login experience.

- All modules and portlets related to Item Alignment have been removed for Simphony enterprises. That applies to the **Alignment**, **Alignment Rules**, and **Master Groups** options of the Warehouse Admin portlet.

20.1.10.1 introduces the following changes:

- Usability and performance enhancements to the revenue center advanced filter. The new user interface now follows the locations advanced filter. Improvements include:
  - Display and select revenue centers from a flat list, grouped by revenue center master type or grouped by category groups.
  - Easily search by revenue center name, number, or by parent level.
  - Ability to auto-filter revenue centers to the ones available in the selected locations.
- Several enhancements to the self-service exports module:
  - New export status email notifications. You can now set up status notification emails that show export details for each location. See Export Status Notification Details for more information about the content in the emails and see Schedule Export Status Notifications to enable the notifications.
  - Enhancements to export schedule setup to reduce failures. When activating a schedule, a validation step has been added to make sure the export will generate and deliver successfully.
  - Enhancements to the SFTP delivery option to support non-standard SFTP server port configurations. A new option has been added to define the port number.
  - Added functionality to alert export schedule owners about continuously failing exports and to deactivate them. See Adding an Export Schedule for more details.
  - Added new filename token `${locationRef}` which resolves to the location reference value.
- Added Business Intelligence API support for Australian GST and several enhancements for inclusive tax reporting.
  - In the getGuestChecks API:
    - Changed tax array to always be included.
    - Added `taxRate` and `taxType` to the taxes array within the `guestChecks` array.
    - Added `inclTax` and `activeTaxes` to Service Charges and Discounts detail lines.
  - In the getMenuItemDailyTotals API, added `inclTaxTtl` and `forgivenInclTaxTtl`.
  - In the getTaxDailyTotals API, added `nonTaxableSales`.

20.1.10 introduces the following changes:

- Several enhancements to the Business Intelligence API:
  - In the getGuestChecks API:
    - Added the `busDt` request parameter to query the superset of guest checks that were opened or closed on the given date. This parameter can be used instead of the `opnBusDt` or `clsdBusDt` parameters.
    - Added transfer status (`xferStatus`) and transfer to check (`xferToChkNum`) information to the guestChecks array to track transferred checks.
    - Added the check reference (`chkRef`) to the guestChecks array.
    - Added a new error correct array (`errorCorrect`) to the `detailLines` array to identify menu items or service charges that were error corrected on the check.

  - In the getOperationsDailyTotals API, added training check totals (`trnChkTtl`) and training check count (`trnChkCnt`).
  - In the getFiscalInvoiceData API, added customer data number (`customerDataNum`).
  - In the getEmployeeDimensions API, added external payroll ID (`extPayrollId`) attribute to the response so that employee records can be matched between the Business Intelligence API and the Labor Management API with their unique payroll ID.
  - In all APIs, added the application name (`applicationName`) as a new optional request parameter. Set this value to the integrated application name to be able to distinguish and debug multiple integrations that call the same end point. This value can be viewed in the request payload in the API activity module.
- Enhanced the self-service exports delivery mechanism and introduced a new export status `Retrying Transport`. When a scheduled export fails to deliver, the system will re-try 42 times for a total of three days with increasing intervals (from every 5 minutes, to every 15 minutes, 1 hour, 6 hours, 24 hours) before finally changing to the `Failed` status.
- 20.1.10 introduces the following reports for Oracle Restaurants Payment Service

  :

  - Chargeback Summary
  - Transaction and Payout Variances
- Several enhancements related to fiscal data access and reporting. Those include:
  - New subject areas in the self-service exports module cover fiscal-specific data points. They allow customers to create their own customized exports of fiscal data (Note: Data availability in those subject areas depends on the implementation and requirements of each country's fiscal legislation).
  - New core export template in the self-service exports module covering the most important fiscal subject areas has been added to provide a standard fiscal export and a starting point for customizations.
  - The following fiscal reports have been added. They are in the "Regional" report category.
    - Philippines: BIR eSales, BIR eSales By Location, BIR Non Official Receipts, BIR Official Receipt Register, BIR Official Receipt Register by Location, BIR PWD, BIR Receipt Journal, BIR Senior Citizen Receipts, BIR Service Charge, BIR Summary, BIR VOID Official Receipt Register, BIR Zero Rated, BIR Z-Reading.
    - Spain: SII Data of Simplified Invoices.
    - Taiwan: e-Invoice Daily Report, e-Invoice Summary.
    - Thailand: Tax Daily Detail, Tax Daily Summary, Tax VAT. The six (three pairs) of Thailand fiscal reports that were available in the 9.1 release have been combined into three reports. The 9.1 reports that were named with the “current” suffix can be run in the 20.1 release by selecting the corresponding 20.1 report and setting the date filter to use the current business date.
    - Portugal: SAF-T Invoices.
- Updated translations across the application. See Supported Languages for a list of supported languages.

20.1.9

This patch contains bug fixes.

Document 2748234.1 contains a list of bugs fixed in the patch.

Document 2748253.1 describes documentation updates to support the patch.

Reporting and Analytics

- 20.1.9.7 introduces the following changes:
  - A new Chargeback Summary report showing including chargeback amounts, counts, and potential fees has been added for customers using the Oracle Payments Cloud Service. The report lets you drill into the Chargeback Details report which includes chargeback reasons, defense submission deadlines, and payment and chargeback amounts. See Chargeback Summary for report details.
  - The report parameter drop-downs now show 500 items by default. If there are more than 500 items, then you can use a filter option. This applies to Locations, Revenue Centers, Order Type, Pay Period, and Other filters (single and multi-select drop-downs). The improved user interface makes it easier to access items beyond the initial 500 item default.
  - The Business Intelligence API has been enhanced with a new optional request parameter to enable querying guest check data, non-sales transactions, and control totals by revenue centers in addition to locations and business date. This change lets integrators get information from these endpoints for a specific revenue center faster than by using a search parameter.
- 20.1.9.6 introduces time attributes in local time zones to the Business Intelligence API. Besides transaction, open, close, or start times in UTC time zone, now those same attributes are available in the location's local time zone. All new fields have a suffix of `Lcl`. The changes apply to:
  - getControlDailyTotals (firstTransLcl, lastTransLcl)
  - getGuestChecks (opnLcl, clsdLcl, reopnClsdChkClsdLcl, detailLcl)
  - getNonSalesTransactions (transLcl)
  - getKDSDetails (postTimeLcl, startTimeUTC, startTimeLcl)
  - getCashManagementDetails (transLcl)
  - getPOSJournalLogDetails (transLcl)
- 20.1.9.5 introduces the following changes:
  - Support for Australian Goods and Services Tax (GST). The release aligns with Simphony 19.3.3 which introduces accompanying new functionality for the point of sale configuration (see Configuring Australian Goods and Services Tax (GST) for more information. The following changes are introduced for Australian GST support:
    * Tax label name changes can now be configured for inclusive tax reports. See Editing Sales and Tax Labels for more information.
    * Reports and dashboard tiles with the "Inclusive Tax" tag now support both VAT and Australian GST configurations. See VAT and GST Tax Labels for more information.
    * Report labels were added and updated in the Taxes report and the System Financial report. These changes clarify the specific taxes of taxable service charges that are included in tax amounts. Also added non-taxable sales amount to the Taxes report for Australian GST configurations.
    * Added a new Serving Period Summary report supporting VAT and Australian GST configuration.

  - The System Financial (Inclusive Tax) report and the Employee Financial Detail (Inclusive Tax) report have been updated to use gross sales for the Average Spend per Check by Order Type calculation. Previously sales net VAT was used in this calculation.
- 20.1.9.4 introduces the following changes:
  - The User Profile dialog and the User Add/Edit dialog in Reporting and Analytics does not show the **POS Language** drop-down if only one Simphony item translation language exists for the enterprise.
  - Added the externalPayrollID column to the VRO_LM_HR_EMPLOYEE_V1 view in Reporting and Analytics Database Access Cloud Service.
- 20.1.9.3 introduces new fiscal reports for Brazil and Bolivia and updates to fiscal reports for Colombia. These reports include:
  - Brazil
    - Comprovantes Fiscais do Brasil
    - Comprovantes Fiscais do Brasil com chave fiscal e arquivo de gravação
  - Bolivia
    - Comprobantes Fiscales de Bolivia
  - Colombia
    - Cinta Testigo Magnetica de Colombia
    - Cinta Testigo Magnetica de Colombia solo Factura y Doc Equivalente
    - Cinta Testigo Magnetica de Colombia solo Nota Credito
- 20.1.9.1 introduces hotel income audit reports including:
  - Employee Tender Totals
  - Income Audit by Discount (Add-On Tax)
  - Income Audit by Discount (Inclusive Tax)
  - Income Audit by Major Group (Add-On Tax)
  - Income Audit by Major Group (Inclusive Tax)
  - Income Audit by Tender
  - Closed Checks by Tender Type (Add-On Tax)
  - Closed Checks by Tender Type (Inclusive Tax)
  - Income Audit by Family Group (Add-On Tax)
  - Income Audit by Family Group (Inclusive Tax)

20.1.8

This section describes features and changes in the patch.

Document 2748234.1 contains a list of bugs fixed in patch hotfixes.

Document 2748253.1 describes documentation updates to support the patch.

Reporting and Analytics

- 20.1.8.3 includes updates to query Combo Meal sales. The getGuestChecks API call has been updated to return combo meal details separately to differentiate them from other menu item sales. To eliminate the need to manually aggregate combo meal sales from guest check details, a new getComboItemDailyTotals API call for returning combo meal aggregations has been added. See the Business Intelligence API Guide for more information.
- Introducing a new POS Waste Detail API in the Business Intelligence (BI) API. The new API call lets you query details of menu item waste checks that are booked through Simphony's Menu Item Waste functionality. See the Business Intelligence API Guide for more information.
- Introducing a new flag (cancelFlag) in the BI API which indicates a canceled check. Use the new flag in the getGuestChecks API to identify canceled transactions and reconcile with the getNonSalesTransactions API. See the Business Intelligence API Guide for more information.
- Updates to existing reports and added several new reports with the release of Oracle Payment Cloud Service:
  - Check Detail (Add-On Tax)
  - Check Detail (Inclusive Tax)
  - Payment Status Summary
  - Payouts Summary
  - Reconciliation

  See Oracle Payment Cloud Service for more information.

20.1.7

This patch release does not contain new features.

Document 2748234.1 contains a list of bugs fixed in the patch.

20.1.6

This section describes features and changes in the patch.

Document 2748234.1 contains a list of bugs fixed in the patch.

Document 2748253.1 describes documentation updates to support the patch.

Reporting and Analytics

- Introducing the Business Intelligence (BI) API as a new cloud service—a RESTful API to access Oracle Simphony sales, operations, and kitchen data in real-time. The API lets customers and partners easily query their data in the cloud, in a secure and highly scalable way. See *Business Intelligence API Guide* for more information.
- The single System Administrator privilege has been split into the following sets of privileges:
  - Hierarchy Administrator

This privilege replaces the System Administrator privilege available in previous versions of Reporting and Analytics. The Hierarchy Administrator can only assign data permissions, portlets, and privileges to which they have access. They can manage users in all levels of the organizational hierarchy.

– Functional Administrators

  Functional Administrators can grant access to any portlet, privilege, and data permission to any role in the enterprise. Functional Administrators can only manage users in levels of the organizational hierarchy that they have access to.

See *Administrator Roles* for more information.

20.1.5

This section describes features and changes in the patch.

Document 1554838.1 contains a list of bugs fixed in the patch.

Document 2748253.1 describes documentation updates to support the patch.

Reporting and Analytics

- Added the following EAME inventory reports to the core product:

Report Name	Description
Item Potential Usage	Item Potential Usage by Menu Level
Merchandise Demand Analysis	Production Kitchen Raw Ingredient Demand Analysis
ABC Analysis	ABC Analysis Status Ranking
Inventory Cost of Sales	Actual versus Theoretical Cost of Sales with Waste Filter
Inventory Cost of Sales	Actual versus Theoretical Cost of Sales with Over Group option
Inventory Count Summary	Inventory Count by Location and Date
Inventory Count Summary	Inventory Count by Location including saved counts
Item Activity	Item Activity with no Active/Inactive Filter
Waste Summary	Waste by Location with Status and Waste Group Filter
Locations and Cost Centers	Locations and Cost Centers linkage including IDs
Menu Item Linking	Menu Item Linking with Type and Active/Inactive Filter
Order Receipt Variance	Order and Receipt value comparison by Location
Purchase Orders Summary	Purchase Orders by Location and Status
Receipts Summary	Receipts by Vendor with Receipt Count
Issue Request Summary	Issue Request Summary
Stock on Hand	Stock on Hand by Cost Center and Group
Transfer Summary	Transfer by Document
Transfer Summary	Transfer by From Cost Center
Supplier Rating	Supplier Rating by Cost Center and Vendor
UnbookedSales	UnbookedSales by Location

Report Name	Description
Waste Summary	Waste by Group
Receipts Summary	Receipts by Vendor
Production Plan	Production Plan by Production Store
Route Planning	Route Planning by Cost Center

- Updated the System Financial reports. Clicking the **Tax Collected** amount now drills down to the Taxes report.
- Added Daily Operations Summary reports. The reports show condensed sales and operating metrics for:
  – Table Service Restaurant, Add-On Tax
  – Table Service Restaurant, Inclusive Tax
  – Quick Service Restaurant, Add-On Tax
  – Quick Service Restaurant, Inclusive Tax

20.1

Reporting and Analytics

This release contains the following features and changes:

- Redesigned user interface for improved user experience.
- Improved presentation of report data through visualizations and dashboard tiles. Examples of visualizations include tables, pie charts, line charts, bar charts, and Key Performance Indicators (KPIs). Dashboard tiles show snippets of data from larger reports.
- Report builder for creating customized reports to show data through tables, pie charts, and line or bar charts.
- An exports solution that lets you create configurations for exporting data from the Reporting and Analytics database and schedules that define when the data is exported.

The following documents are new in the Enterprise Back Office documentation set:

- *Oracle Restaurants Reporting and Analytics Report Designer's Guide*

  Describes the elements and attributes that comprise the Reporting and Analytics XML reporting structure. Use the guide as a reference when building reports in the Report Builder Advanced Editor.
- *Oracle Restaurants Reporting and Analytics Reports Reference Guide*

  Describes reports and report details, such as field descriptions and how field values are calculated.

2

System Requirements, Supported Systems, and Compatibility

This chapter describes the supported systems and requirements of each Enterprise Back Office component and module.

Supported Browsers

The following table lists browser and platform support details for Reporting and Analytics 20.x and other Enterprise Back Office 9.1 products:

Browser	Reporting and Analytics 20.x	Labor Management 9.1	Gift and Loyalty 9.1	Inventory Management 9.1
Mozilla Firefox	**Supported** [1] [2]	**Supported** [3]	**Supported**	**Supported**
Microsoft Edge	**Supported**	**Supported** [4]	**Supported**	Not Supported
Google Chrome	**Supported** [5]	Not supported	Not supported	Not supported
Apple Safari	**Supported**	Not supported	Not supported	Not supported
Microsoft Internet Explorer (versions 11 and 10) [6]	Not supported	**Supported**	**Supported**	**Supported**

1 Not supported on Google Android or Apple iOS.

2 Enterprise Maintenance Services (EMS) client is not supported.

3 Advanced Scheduler client is not supported.

4 Time Clock Application (TCA) for RES 3700 download is not supported.

5 Not supported on Apple iOS.

6 Support for Microsoft browsers follows the same N-1 support policy that iOS provides. The most recent version plus one previous release. As of January 12, 2016, this means the most recent version of Microsoft Edge only.

Reporting and Analytics uses cookies to improve your app experience by remembering your visits.

Application Compatibility

Lists the supported client-side RTA operating systems and software required to use certain features.

Remote Transfer Agent (RTA) Operating System

- Microsoft Windows 10

- Microsoft Windows 7
- Microsoft Windows Server 2016

Microsoft Excel (for iQuery)

- Microsoft Excel 2016
- Microsoft Office 365

3
Translations

The following information is available in English only:

- Documentation, including online help, release notes, interface specifications, and product guides
- Online support (My Oracle Support) articles (for example, knowledge base articles, patch and patch set ReadMe files)
- Batch programs and messages
- Log files
- System tools
- Demonstration data
- Training Materials
- Installation Media

Translations into other languages are not available.