FlexNet Operations

Reporter User Guide

Legal Information

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FlexNet Operations Reporter User Guide

This document provides a high-level description on how to use the FlexNet Operations Reporter. In the remainder of this document, FlexNet Operations Reporter is also simply referred to as *Reporter*.

Table 1-1 ▪ FlexNet Operations Reporter User Guide

Topic	Content
Getting Started	Explains how to access the Reporter, terminology used in this guide, and product support resources.
Managing Web Intelligence Reports	Covers concepts and common tasks of running Web Intelligence reports in Reporter.
Reporter Standard Reports	Describes the set of standard reports Revenera has predefined for producers.

Getting Started

The following information helps you get started with the FlexNet Operations Reporter to generate and manage Web Intelligence reports:

- Accessing the Reporter
- Terminology Used in this Guide
- Data Refresh Intervals
- Product Support Resources
- Contact Us

Accessing the Reporter

To get started with the FlexNet Operations Reporter, open the Producer Portal and select **Reports** in the **System** menu, as shown below:

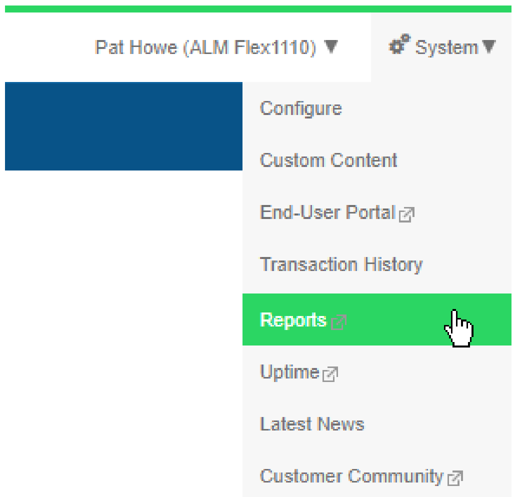


Figure 1-1: Reports Selection on the System Menu

Terminology Used in this Guide

The following are key terms used in this guide:

- **Web Intelligence**—A reporting tool that is part of the FlexNet Operations Reporter and used for analytical and ad hoc reporting.
- **Reporting data warehouse**—A data warehouse of report-readable FlexNet Operations information refreshed with data from the FlexNet Operations transactions database daily for FlexNet Operations LLM and every four hours for FlexNet Operations ALM. The reports are run against this data warehouse.
- **Reporter universe**—A collection of data from the Reporting data warehouse. For example, a universe could consist of entitlements, device history or usage, served features, or another FlexNet Operations entity type on which to generate a report.

Data Refresh Intervals

Universes are refreshed on a daily basis. The exception are the following universes, which are refreshed every four hours, starting at 00:00 Coordinated Universal Time (UTC):

- ALM Accounts And Users
- ALM Device Addon History
- ALM Device History
- ALM Entitlement
- ALM Fulfillments

***Important** ▪ The daily refresh of the universes (with the exception of the universes listed above) finishes at 5:00 AM Pacific Time. It is recommended that you do not schedule a report to run between 00:00 and 5:00 AM Pacific Time, to avoid conflicts between the scheduled report running and the refresh.*

Product Support Resources

The following resources are available to assist you:

- Revenera Product Documentation
- Revenera Community
- Revenera Learning Center
- Revenera Support

Revenera Product Documentation

You can find documentation for all Revenera products on the Revenera Product Documentation site:

https://docs.revenera.com

Revenera Community

On the Revenera Community site, you can quickly find answers to your questions by searching content from other customers, product experts, and thought leaders. You can also post questions on discussion forums for experts to answer. For each of Revenera’s product solutions, you can access forums, blog posts, and knowledge base articles.

https://community.revenera.com

Revenera Learning Center

The Revenera Learning Center offers free, self-guided, online videos to help you quickly get the most out of your Revenera products. You can find a complete list of these training videos in the Learning Center.

https://learning.revenera.com

Revenera Support

For customers who have purchased a maintenance contract for their product(s), you can submit a support case or check the status of an existing case by first logging into the Revenera Community and then making selections on the **Get Support** menu, including **Open New Case** and other options.

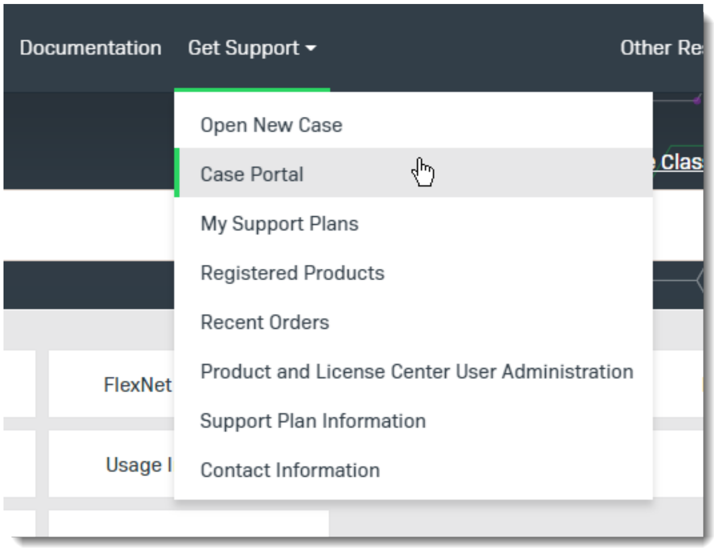


Figure 1-2: Get Support Menu of Revenera Community

Contact Us

Revenera is headquartered in Itasca, Illinois, and has offices worldwide. To contact us or to learn more about our products, visit our website at:

http://www.revenera.com

You can also follow us on social media:

- Twitter
- Facebook
- LinkedIn
- YouTube
- Instagram

2

Managing Web Intelligence Reports

A Web Intelligence report helps you to understand trends and root causes with easy-to-use tools for ad hoc queries, reporting, and analysis.

This section covers what you need to get started to use Reporter and explains how to create Web Intelligence reports. The next chapter covers how to run standard reports.

Topic	Content
Folder and Document Organization	Covers the initial requirements for using Reporter and explains a number of basic concepts and common tasks.
Running a Standard Report	Explains how to run the pre-built reports included in Reporter.
Creating a Web Intelligence Report	Describes how to create a Web Intelligence report based on information currently in the Reporting data warehouse.
Modifying the Report	Describes how to modify the Web Intelligence report, including inserting cells and charts, applying formatting, and using customized variables.
Viewing the History of Reports	Covers how to display a history of report instances.
Refreshing Reports	Explains the options for refreshing a report.
Exporting Reports in Different Formats and Purpose	Describes how to export a complete document or one/more reports to a text file, a PDF, an Excel spreadsheet, a CSV file, or a CSV archive.
Scheduling Reports	Shows how to schedule and then email report documents.
Enabling Reports from Legacy Reporter	Discusses how to enable reports that have been automatically copied from the legacy Reporter.

Folder and Document Organization

The Reporter interface has the following tabs:

- The **Home** tab lists your recently viewed documents and recently run reports, as well as unread messages (see Accessing Recent Documents and Messages).
- The **Documents** tab lists all your documents and messages, organized into folders (see Navigating Folders and Documents).

Accessing Recent Documents and Messages

The default Home tab features modules that enable you to better manage the documents you work with most. The default Home tab layout contains the following modules:

- **My Recently Viewed Documents**—Shows the last ten documents that you have viewed recently. The list is sorted by view date with the most recently viewed document at the top.
- **Unread Messages in My Inbox**—Shows the last ten unread messages in your BI Inbox.
- **My Recently Run Documents**—Shows the last ten documents in the repository that you scheduled or ran recently along with the status of each document instance. You can view successful instances or details of failed instances by clicking the instance link.
- **Unread Alerts**—Alerts display the daily refresh date and time. No other alerting functionality is supported in this implementation.
- **My Applications**—Provides quick access to applications within the BI launch pad.

Navigating Folders and Documents

In Reporter, a document is a query and its results. Documents are organized into folders.

Personal folders are in the **My Documents** drawer; public folders are in the **Folders** drawer.

Expand or collapse folders by clicking **+** or **-**.

Click a folder name to show its contents in the right pane.

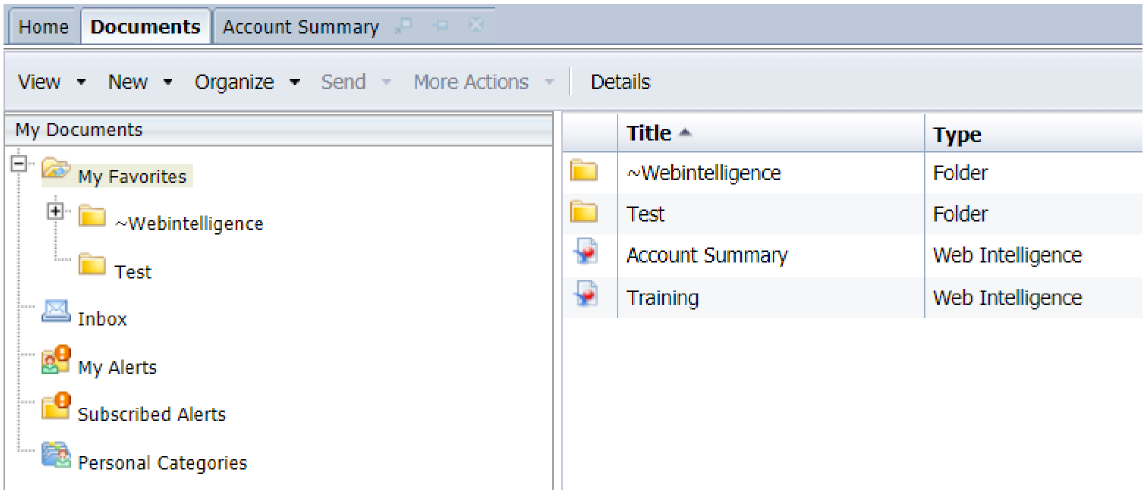


Figure 2-1: Navigating the folders and documents.

Default Folders in the “My Documents” Drawer

- **My Favorites** folder
  - Save personal documents here.
  - Organize documents by creating sub-folders by choosing from drop-down: **New** > **Folder** or right-click folder name > **New** > **Folder**.
- **My Favorites/~Webintelligence** folder
  - Drafts of documents are saved automatically here.
  - Can be removed, but will re-appear next time a document is created.
- **Inbox** stores documents that have been sent to you via Reporter's **Send To** functionality.
- **My Alerts**—Alerts display the daily refresh date and time. No other alerting functionality is supported in this implementation.
- **Subscribed Alerts**—Alerts display the daily refresh date and time. No other alerting functionality is supported in this implementation.
- **Personal Categories** offer an alternative way to organize your objects. When you save a report, you can assign it to a category, and the report is then listed under its respective category.

Default Folders in the “Folders” Drawer

- **Shared - *Company Name***
  - Reports saved here can be accessed by other users in your organization.
  - Only the owner/creator of the report can delete or save the same named document to this folder.
  - You cannot schedule a report from the shared folder.

- **ALM Standard Reports** (FlexNet Operations ALM only) This folder contains sample documents created by Revenera for ALM.
- **Standard Reports** (FlexNet Operations LLM only) This folder contains sample documents created by Revenera for LLM.

***Note** ▪ Some customers using FlexNet Operations ALM might also see the **FlexNet Standard** folder. This folder contains legacy reports which should not be run.*

Document Organization and Actions

Right-click an object for a list of actions. This menu includes commands in the **New**, **Organize** and **Send** submenus.

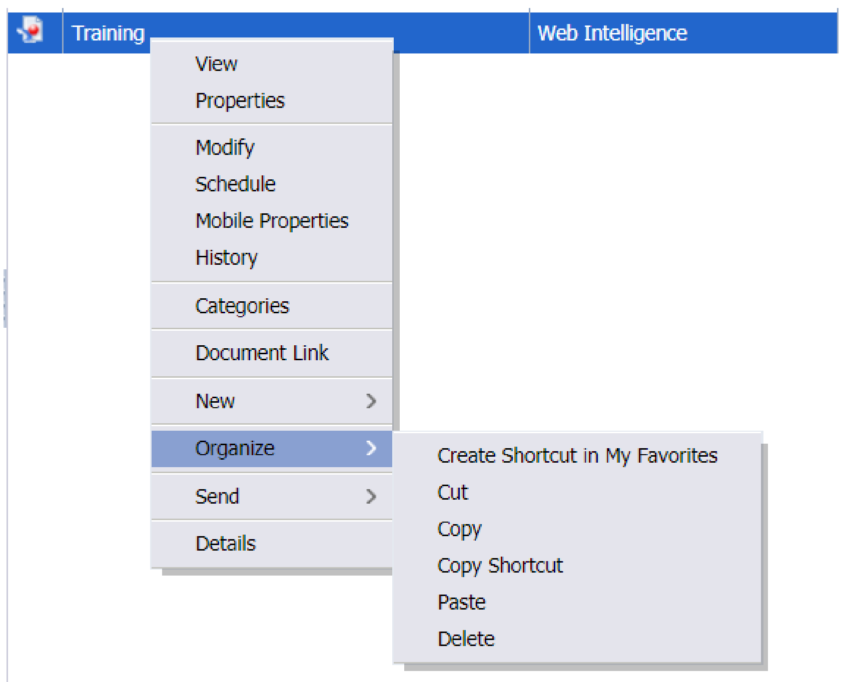


Figure 2-2: Menu options.

***Note** ▪ The **Local Document** option (available under **New**) is not supported.*

Creating a Folder

You can create additional folders to organize your objects. You cannot add folders in the **Standard Reports** or **ALM Standard Reports** folders in the **Folders** drawer.

Task ***To create a folder***

1. On the **Documents** tab, navigate to the location where you want to create a folder:
   - To create a personal folder, expand the **My Documents** drawer, and click **My Favorites**.
   - To create a public folder, expand the **Folders** drawer.
2. On the **New** menu, click **Folder** (or right-click and select **New** > **Folder**).
3. When prompted, enter a name for the new folder.
4. Click **OK**.

Deleting a Folder

You cannot delete folders from the **Standard Reports** or **ALM Standard Reports** folders in the **Folders** drawer.

Task ***To delete a folder***

1. On the **Documents** tab, locate and select the folder that you want to delete.
2. On the **Organize** menu, click **Delete** (or right-click and select **Organize** > **Delete**).
3. When prompted, confirm that you want to delete the folder.

Running a Standard Report

Standard reports are sample documents (pre-defined queries) created by Revenera. For a list of standard reports, see Reporter Standard Reports.

Task ***To run a standard report***

1. In the panel on the left side, click **Folders** to expand it.
2. Click **+** to expand **Public Folders**.
3. Click **ALM Standard Reports** (for FlexNet Operations ALM) or **Standard Reports** (for FlexNet Operations LLM) to view a list of available standard reports.

   Note ▪ *Some customers using FlexNet Operations ALM might also see the **FlexNet Standard** folder. This folder contains legacy reports which should not be run.*

4. Double-click the document name to run.
5. Enter required prompts. The **Prompts** window pops up if there are required prompts to fill in for the report. Click each prompt and enter appropriate values.
6. Click **Run Query**. (If there were no prompts, this step is skipped.)

The document opens with the requested data.

Creating a Web Intelligence Report

The following procedure creates a Web Intelligence report once you open FlexNet Operations Reporter. The report is based on information currently in the Reporting data warehouse.

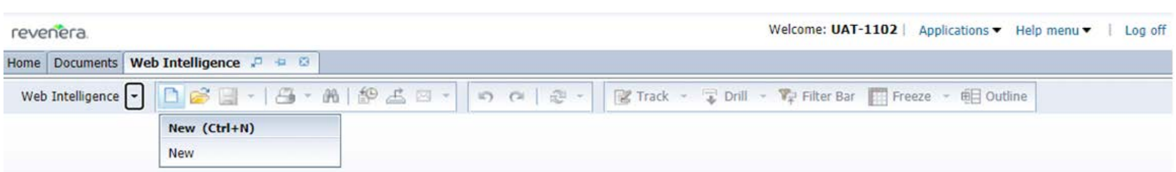
- Steps to Create a Web Intelligence Report
- Building a Query
- Controlling the Retrieval of Duplicates
- Opening a Report in Reading or Design Mode

Steps to Create a Web Intelligence Report

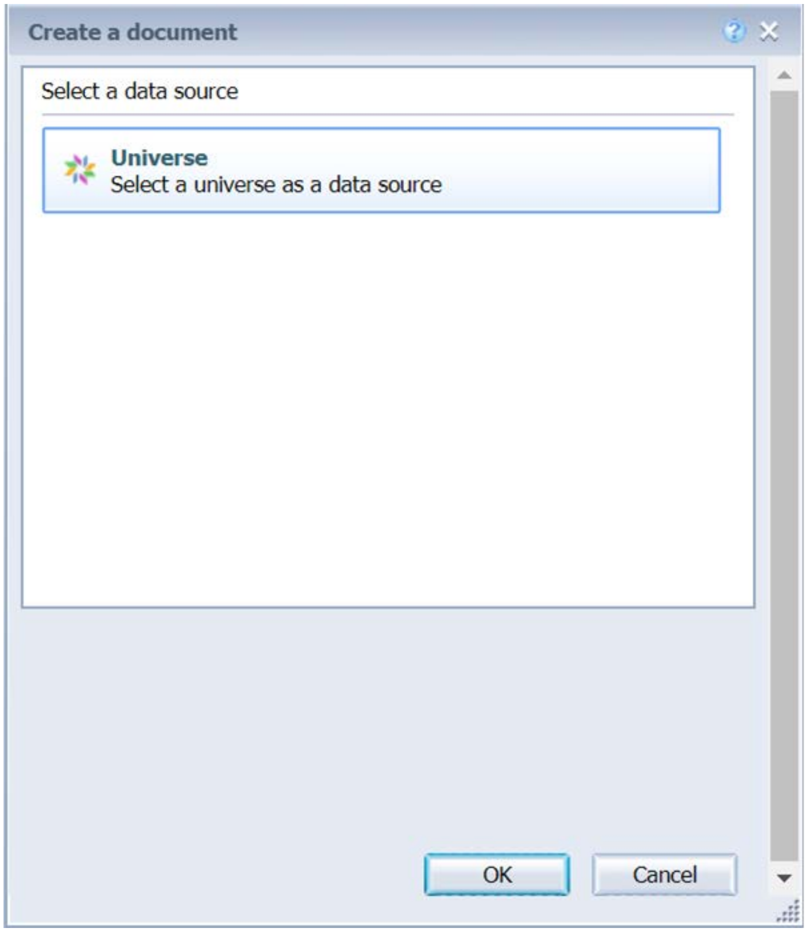
Task ***To create a Web Intelligence report***

1. Click **Applications** and select **Web Intelligence**.

2. Click the **New** icon to create a document.

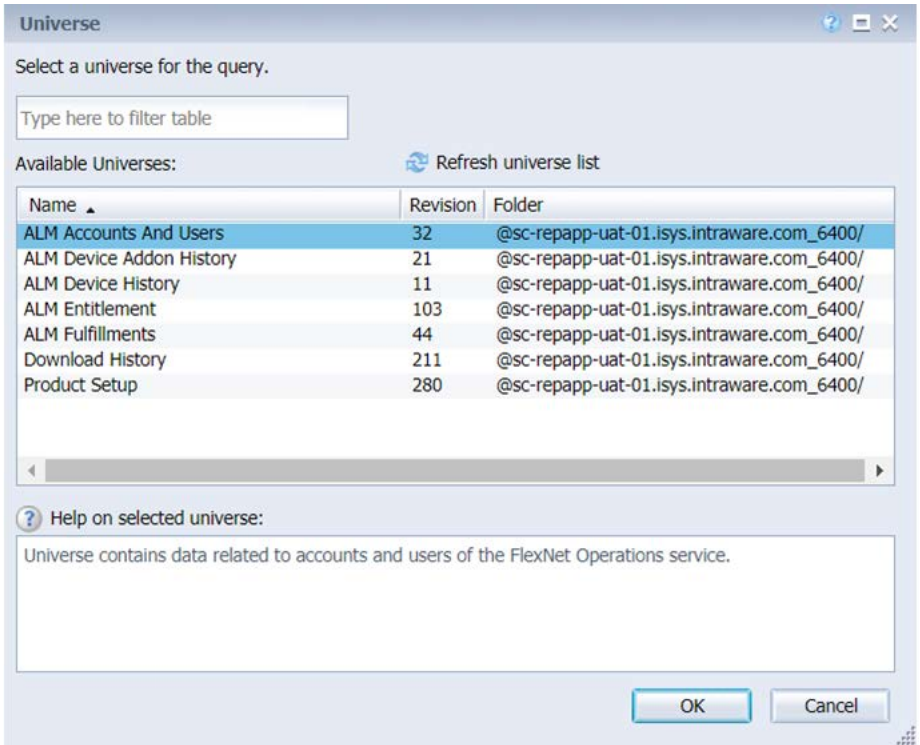


3. Select the **Universe** data source, and then click **OK**.

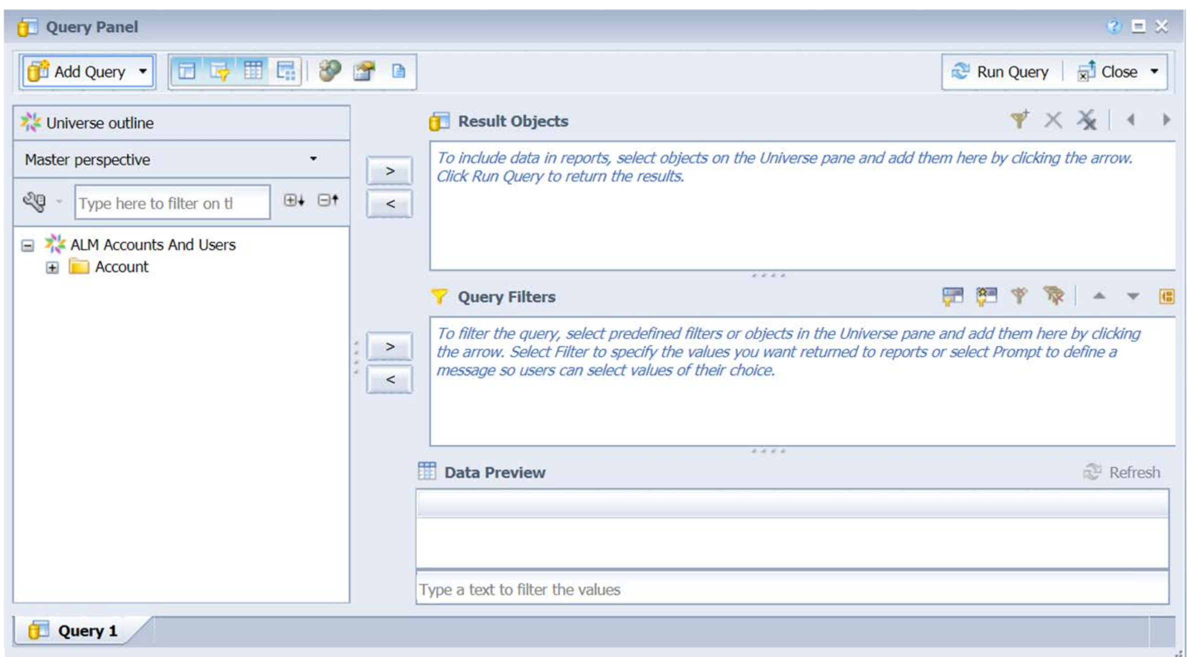


4. From the Universe dialog box, select a universe on which to create the report, and click **OK**. (For a brief description of a universe, click its entry in the list to view the description at the bottom of the dialog.)

Note ▪ *The Revision and Folder columns on the Universe panel are mainly used by development teams.*



The Query Panel is displayed.

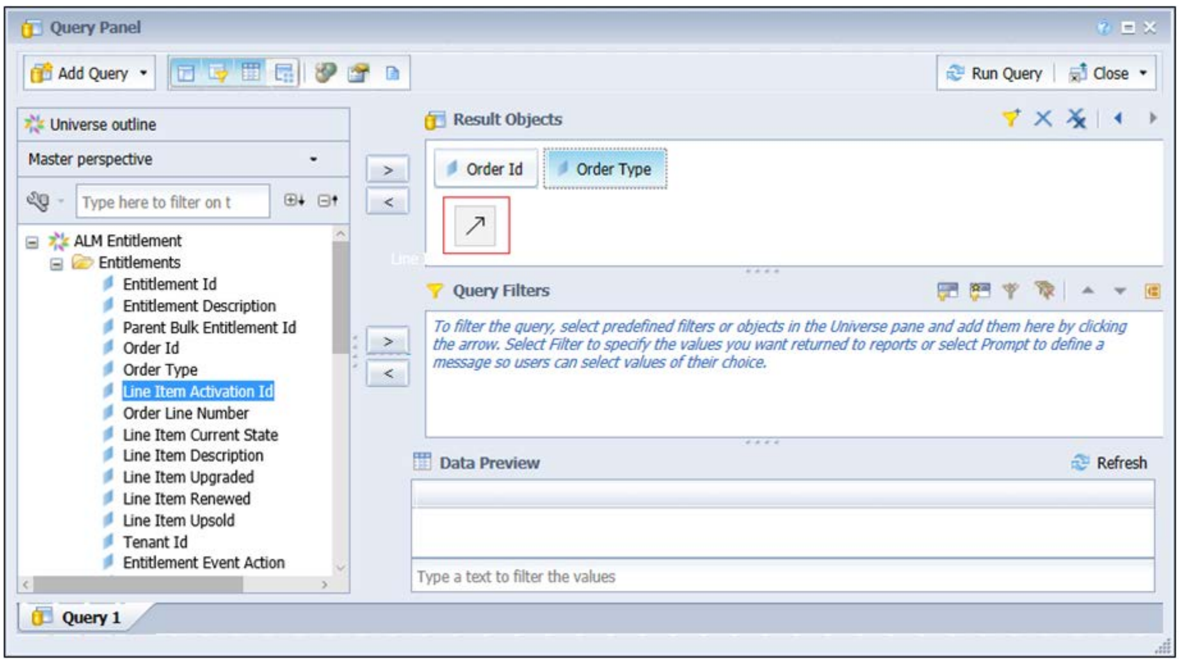


Building a Query

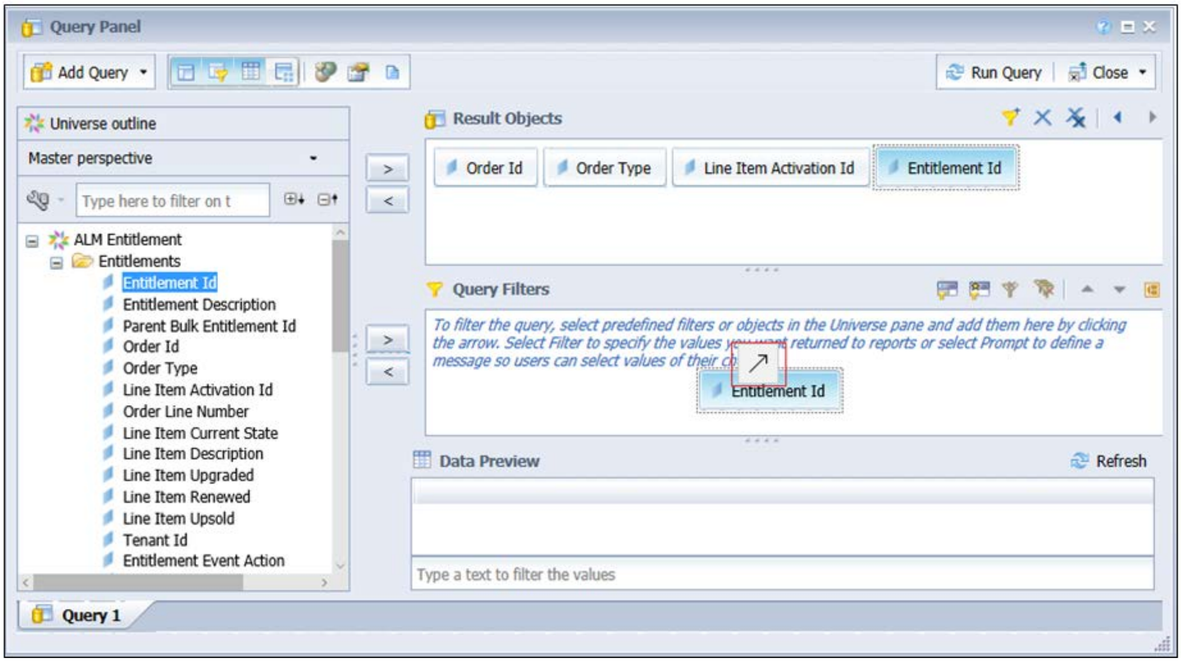
Task ***To build a query using the selected universe***

1. Drag and drop dimensions and measures that you want to include in the query from the universe into the Result Objects pane. Note the following:

    - **Dimensions** are qualitative and do not total a sum. A dimension object is the object being tracked; in other words, it can be considered the focus of the analysis. A dimension can be an object such as Service, Price, or Customer. Dimension objects retrieve the data that will provide the basis for analysis in a report. Dimension objects typically retrieve character-type data (customer names, resort names, etc.), or dates (years, quarters, reservation dates, etc.)
    - **Measures** are numerical values that mathematical functions work on. For example, a sales revenue column is a measure because you can determine a total or average its data.



2. In the Results Objects pane, select the objects on which you want to define query filters, and drag them to Query Filters pane.



3. On the Query Filters pane, enter a **Constant** against the selected object.

Important *▪ In general, pre-built filters—such as those that are in standard reports, indicated by a yellow funnel icon —use the * wildcard (unless the filter description mandates a different wildcard character). Non pre-built filters (filters created from scratch) use the % wildcard.*

4. On the Data Preview pane, click **Refresh** to preview the data for the selected objects.

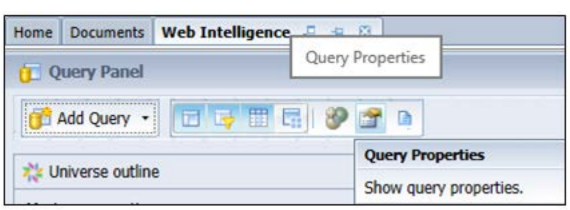
5. Click **Run Query** to create and view the report of the selected object.

Controlling the Retrieval of Duplicates

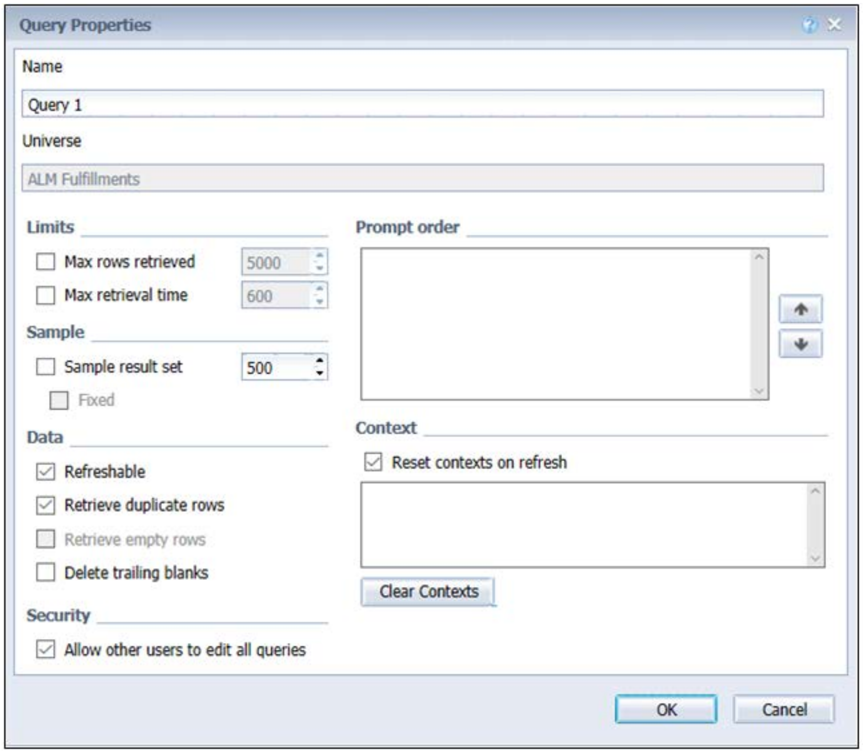
By default, the option to retrieve duplicates is enabled. However, you can turn off this option.

Task ***To disable the retrieval of duplicate records for a report***

1. On the Query Panel, click **Query Properties**.



2. In the Query Properties dialog box, clear **Retrieve duplicate rows** to avoid duplicate records.



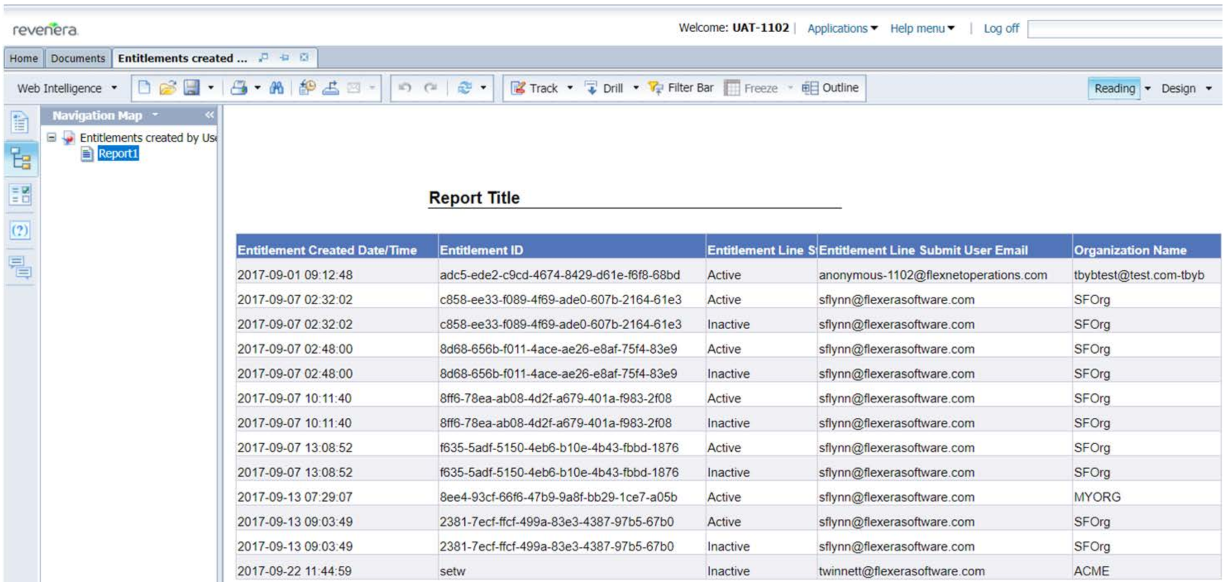
3. Click **OK**.

Opening a Report in Reading or Design Mode

When you open an existing Web Intelligence report, you can view it in either Reading mode or Design mode.

Reading Mode

This mode allows you to view the existing report, search its content, and monitor changes in the report.



Entitlement Created Date/Time	Entitlement ID	Entitlement Line S	Entitlement Line Submit User Email	Organization Name
2017-09-01 09:12:48	adc5-ede2-c9cd-4674-8429-d61e-f6f8-68bd	Active	anonymous-1102@flexnetoperations.com	tbybtest@test.com-tbyb
2017-09-07 02:32:02	c858-ee33-f089-4f69-ade0-607b-2164-61e3	Active	sflynn@flexerasoftware.com	SFOrg
2017-09-07 02:32:02	c858-ee33-f089-4f69-ade0-607b-2164-61e3	Inactive	sflynn@flexerasoftware.com	SFOrg
2017-09-07 02:48:00	8d68-656b-f011-4ace-ae26-e8af-75f4-83e9	Active	sflynn@flexerasoftware.com	SFOrg
2017-09-07 02:48:00	8d68-656b-f011-4ace-ae26-e8af-75f4-83e9	Inactive	sflynn@flexerasoftware.com	SFOrg
2017-09-07 10:11:40	8ff6-78ea-ab08-4d2f-a679-401a-f983-2f08	Active	sflynn@flexerasoftware.com	SFOrg
2017-09-07 10:11:40	8ff6-78ea-ab08-4d2f-a679-401a-f983-2f08	Inactive	sflynn@flexerasoftware.com	SFOrg
2017-09-07 13:08:52	f635-5adf-5150-4eb6-b10e-4b43-fbbd-1876	Active	sflynn@flexerasoftware.com	SFOrg
2017-09-07 13:08:52	f635-5adf-5150-4eb6-b10e-4b43-fbbd-1876	Inactive	sflynn@flexerasoftware.com	SFOrg
2017-09-13 07:29:07	8ee4-93cf-66f6-47b9-9a8f-bb29-1ce7-a05b	Active	sflynn@flexerasoftware.com	MYORG
2017-09-13 09:03:49	2381-7ecf-ffcf-499a-83e3-4387-97b5-67b0	Active	sflynn@flexerasoftware.com	SFOrg
2017-09-13 09:03:49	2381-7ecf-ffcf-499a-83e3-4387-97b5-67b0	Inactive	sflynn@flexerasoftware.com	SFOrg
2017-09-22 11:44:59	setw	Inactive	twinnett@flexerasoftware.com	ACME

Figure 2-3: Reading Mode

You can also use the left panel and tool bar in the Reading mode.

Design Mode

Design mode allows you to add, delete objects in a report, apply conditional formatting, apply formulas in report, create variables, and more. Two types of Design mode are available:

- **Design mode (Structure only)**—Allows you to view and modify only the structure of the report. All the changes that you make in this mode are applied to the server only when you populate the report with data.

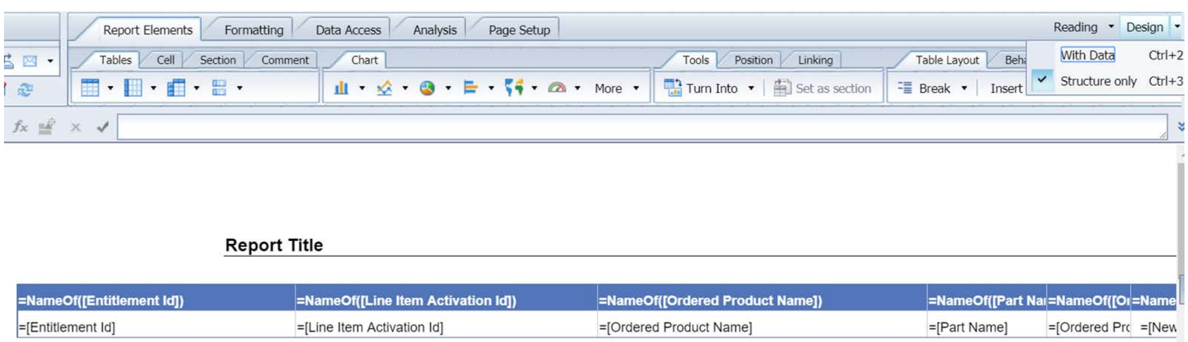


Figure 2-4: Design Mode (Structure Only)

- **Design mode (With Data)**—Allows you to view and modify the report with its data displayed. All the modifications applied in the report are automatically saved to the server. If you need to make extensive changes to an existing report, best practice is to make changes in Structure Only mode and then populate the report with data.

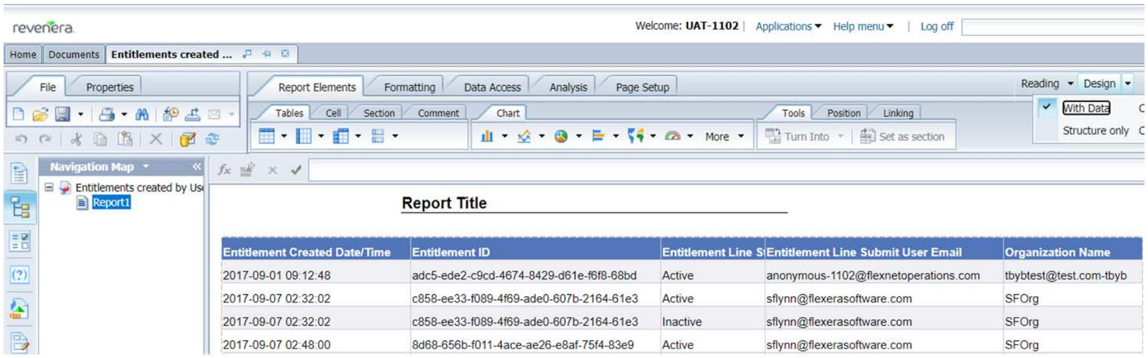


Figure 2-5: Design Mode (With Data)

Modifying the Report

The following section describes how to modify the Web Intelligence report as needed:

- Modifying Report Elements
- Formatting the Report
- Data Access: Providing a Customized Variable
- Analysis: Providing Filters and Input Controls
- Page Setup: Adding Multiple Reports to a Document

Modifying Report Elements

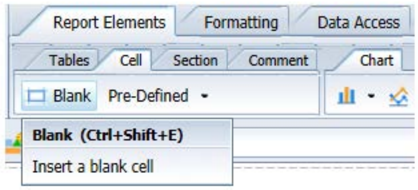
This section helps you to insert cells and charts; to convert tables to charts, and view a query summary.

- Inserting Cells
- Inserting Charts
- Converting a Report to Tables or Charts
- Modifying Charts
- Viewing a Query Summary

Inserting Cells

Task ***To insert a new cell in the report***

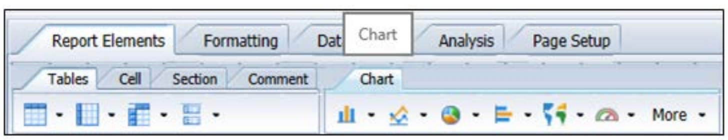
1. On the Report Elements pane, click the **Cell** tab.
2. Then click the **Blank** icon to insert a cell.



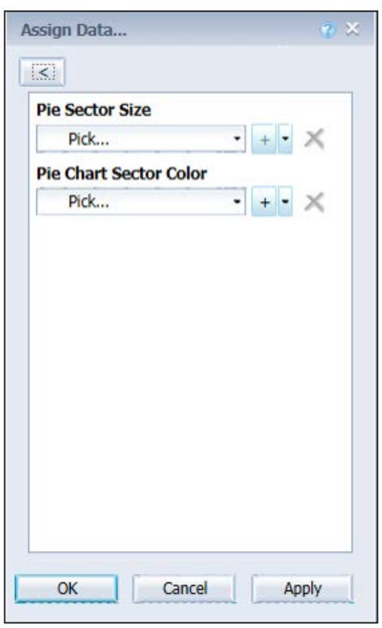
Inserting Charts

Task ***To insert a new chart in the report***

1. On the Report Elements pane, select the required chart.

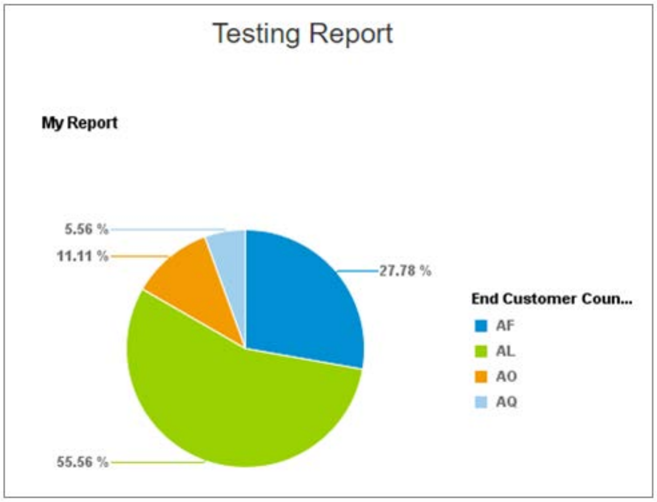


2. Right-click the table, and then select **Assign Data**.
3. In the Assign Data dialog box, modify the chart labels and title.



4. Click **OK**.

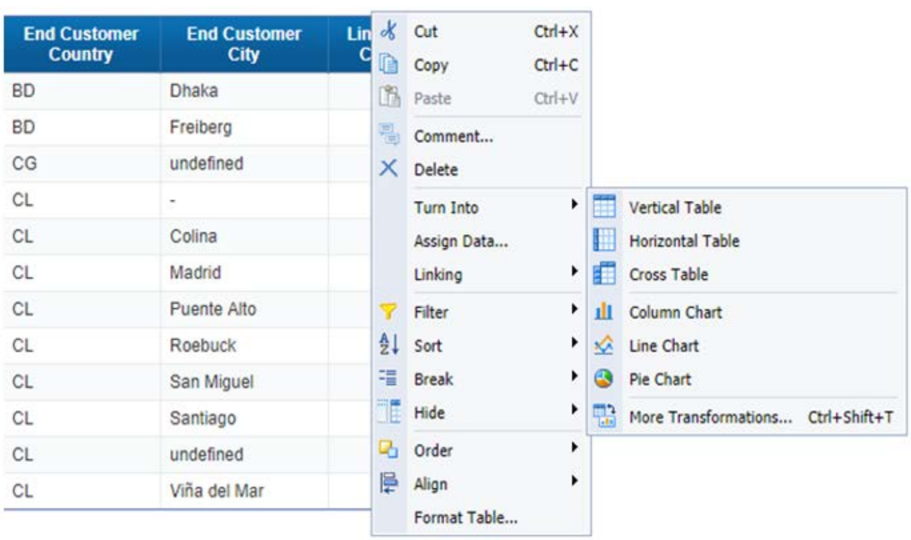
   The following shows an example chart:



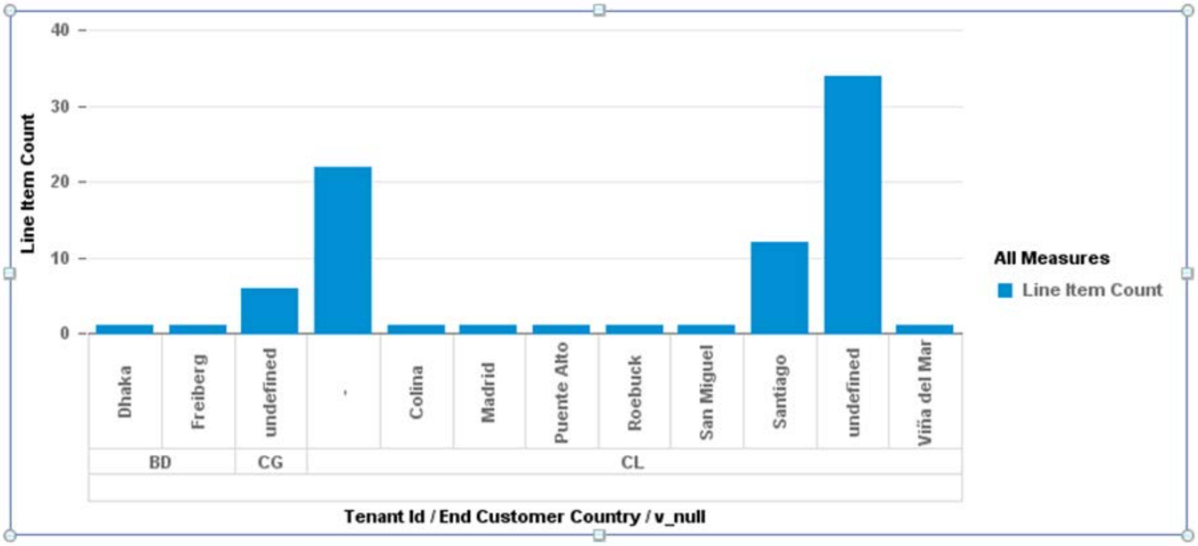
Converting a Report to Tables or Charts

Task ***To convert a report into tables or charts***

Right-click a table and select **Turn Into >** *`<table or chart type>`*.



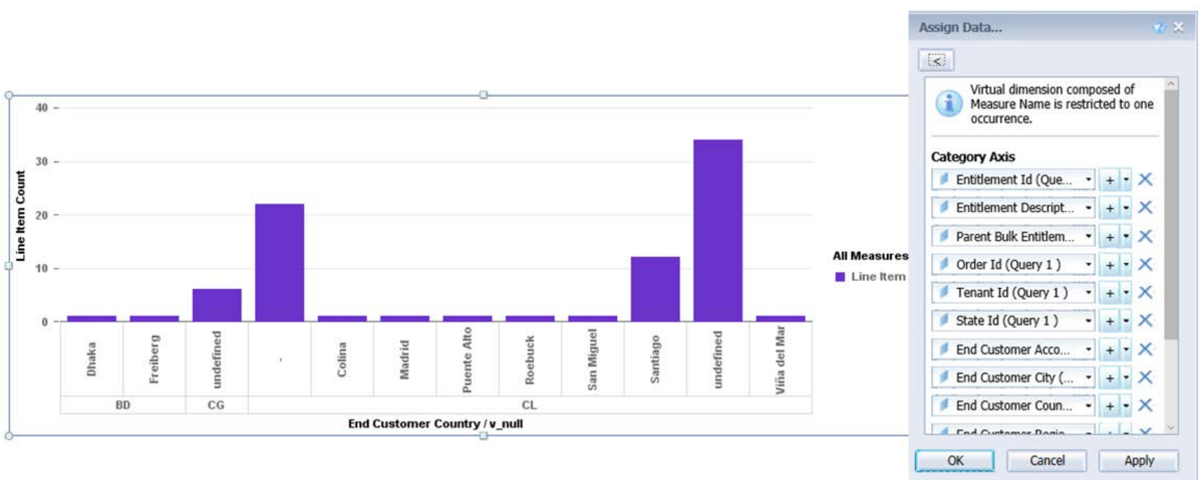
The following example shows the previous table converted to a column chart:



Modifying Charts

Task ***To modify a chart***

Right-click the chart, and then select **Assign Data**.

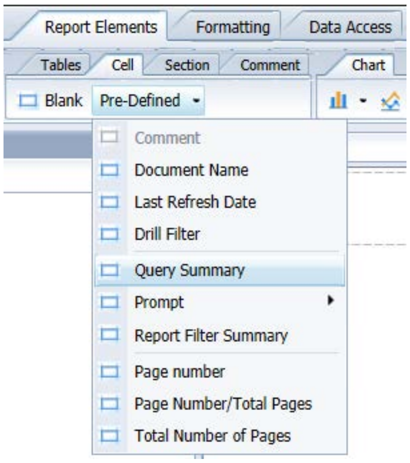


You can add or delete an occurrence or edit its formula.

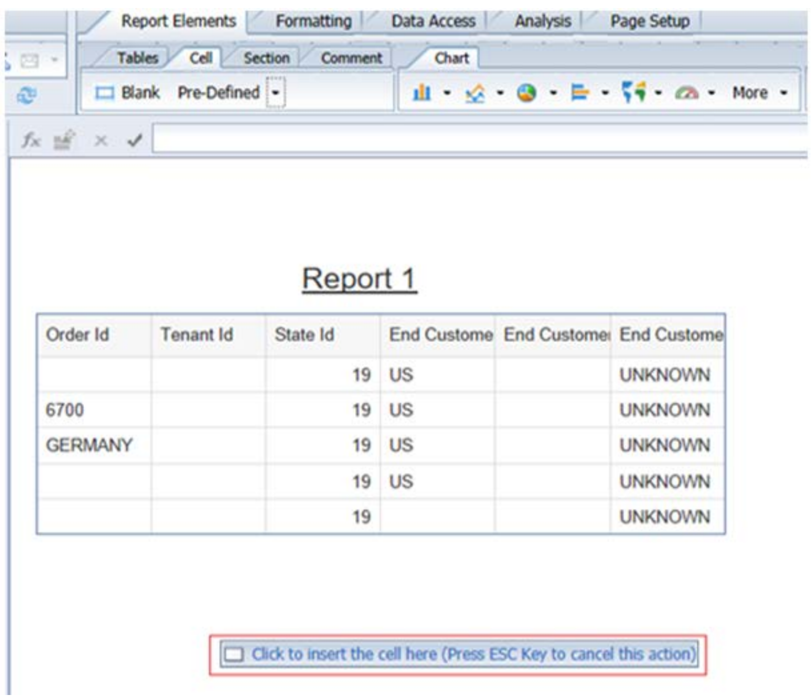
Viewing a Query Summary

Task ***To view the query summary of the report***

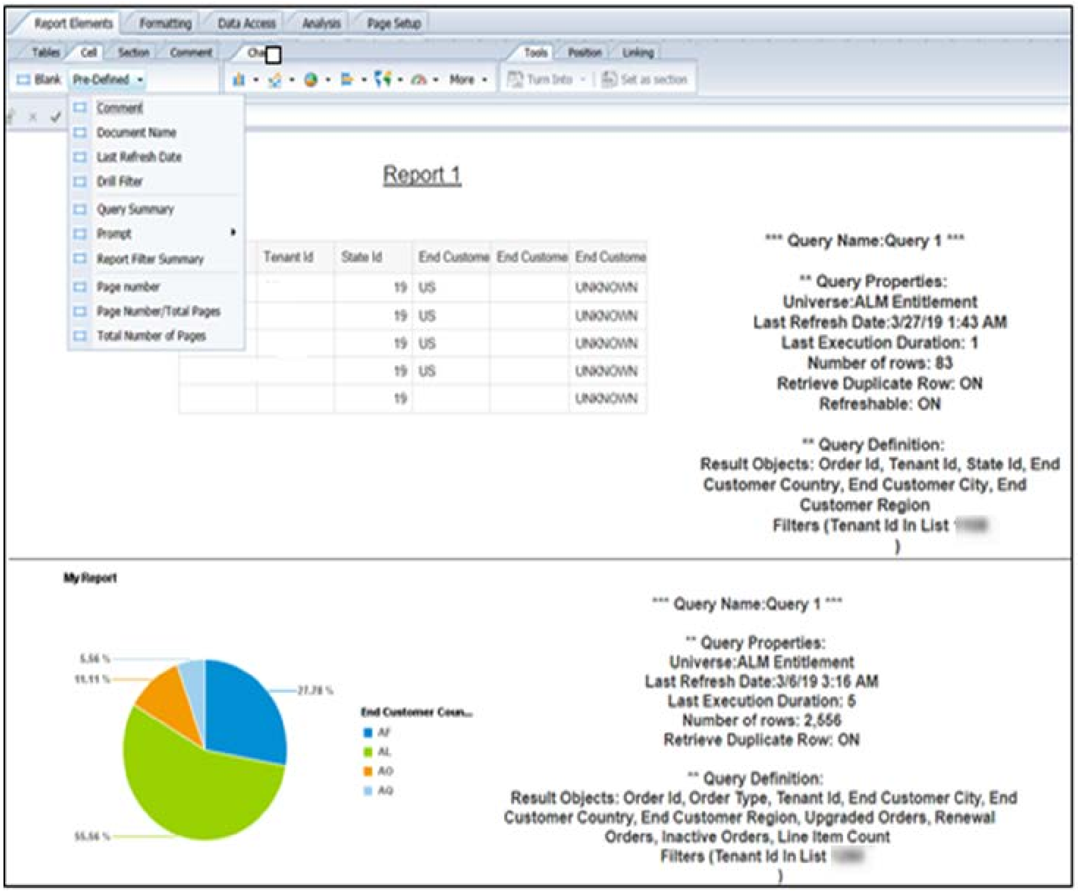
1. On the Report Elements pane, click the **Cell** tab and select **Query Summary** from the drop-down menu.



2. Drag and drop the Query Summary input to the Reports screen.



The Query Summary is displayed:

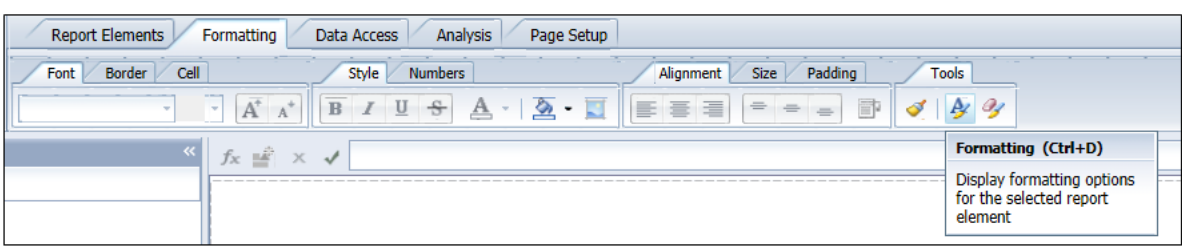


Formatting the Report

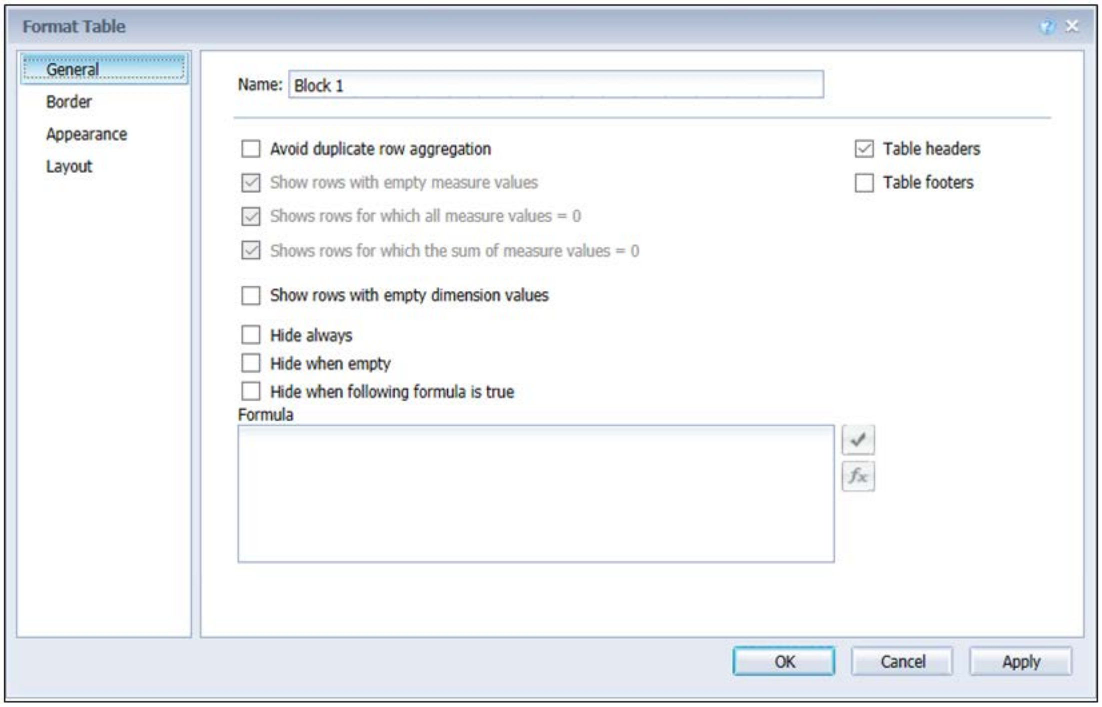
This section helps you to format the table or chart by changing the font, border, or cell. It also helps you to align the table or chart, change styles, and apply headers and footers.

Task ***To format your report***

1. On the Formatting pane, click the **Formatting** icon.



2. In the Format Table dialog box, select a format entity in the left pane to modify the report's general content display or its border, appearance, or layout.

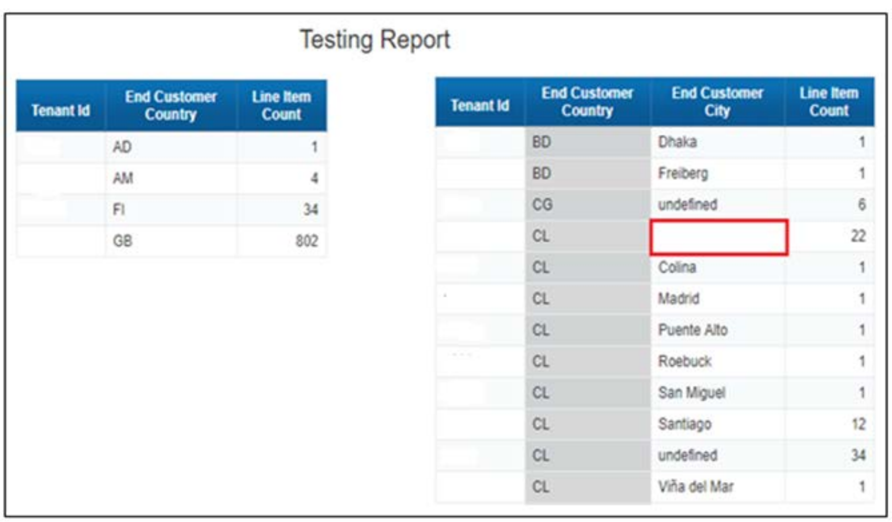


Data Access: Providing a Customized Variable

This section helps you to replace null values with a customized variable in a report.

Task ***To add values***

1. In the Report screen, select a cell with a null value.

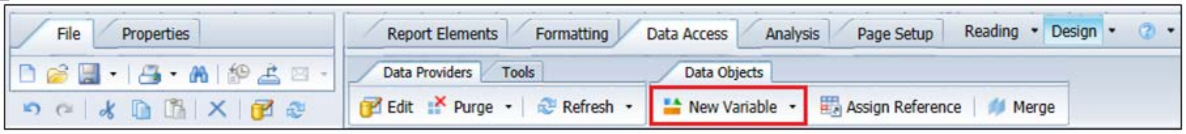


Testing Report

Tenant Id	End Customer Country	Line Item Count
	AD	1
	AM	4
	FI	34
	GB	802

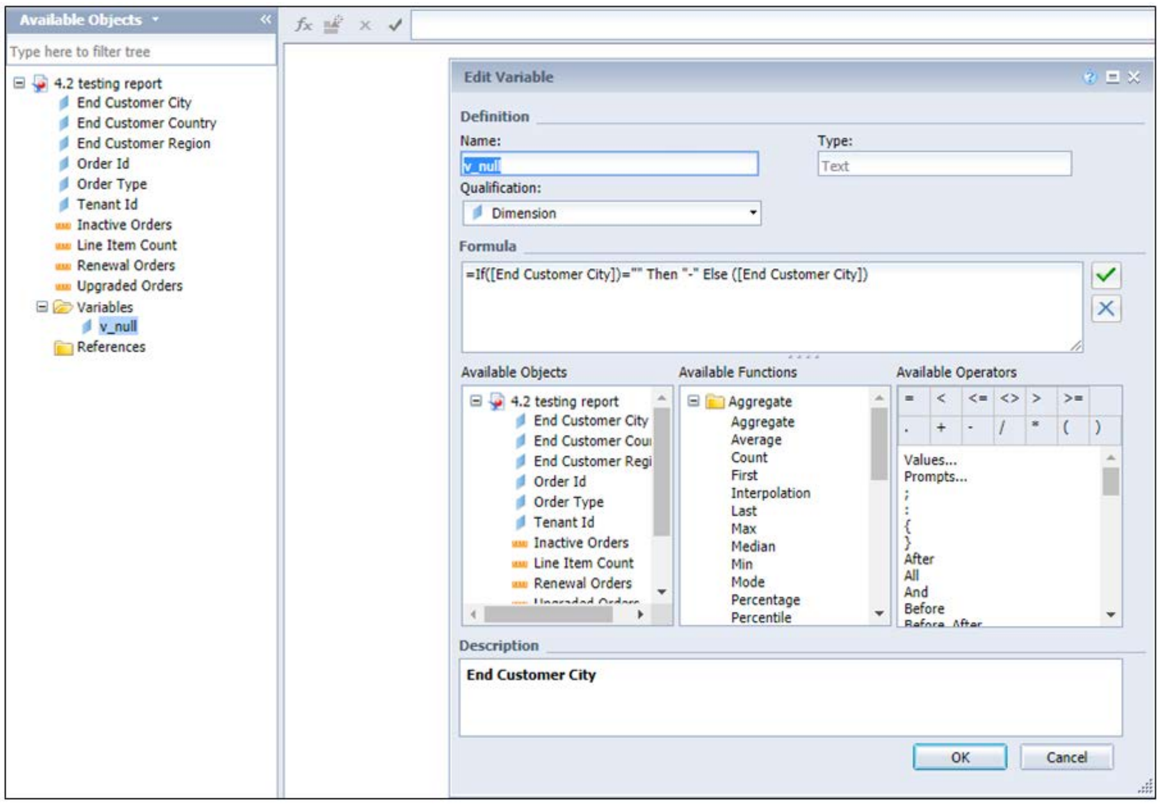
Tenant Id	End Customer Country	End Customer City	Line Item Count
	BD	Dhaka	1
	BD	Freiberg	1
	CG	undefined	6
	CL		22
	CL	Colina	1
	CL	Madrid	1
	CL	Puente Alto	1
	CL	Roebuck	1
	CL	San Miguel	1
	CL	Santiago	12
	CL	undefined	34
	CL	Viña del Mar	1

2. On the Data Access pane, click **New Variable**.



3. To replace the null value, enter a name and description for the variable.
4. Select a Qualification.
5. Define the formula for the given variable by selecting one or more object, functions, and operators.

   The following example shows the setup for creating a new variable that replaces null values with a hyphen (-):



6. Click **OK** to complete creating a new variable.

   The following example report shows the results of a variable that replaces null values with a hyphen. You can always rename variables.

Tenant Id	End Custome	Customer City	Line Item Count
	BD	Dhaka	1
	BD	Freiberg	1
	CG	undefined	6
	CL	-	22
	CL	Colina	1
	CL	Madrid	1
	CL	Puente Alto	1
	CL	Roebuck	1
	CL	San Miguel	1
	CL	Santiago	12
	CL	undefined	34
	CL	Viña del Mar	1

Analysis: Providing Filters and Input Controls

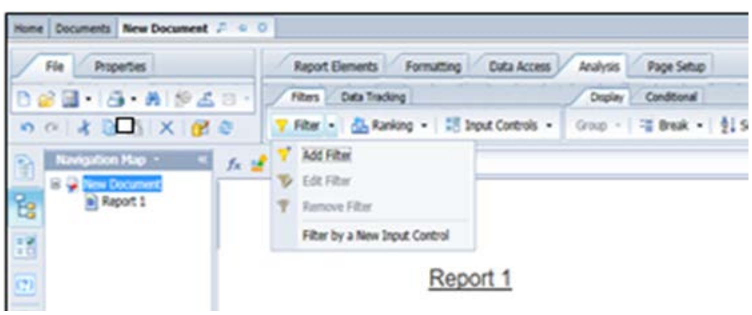
This section describes how to add a filter to a report or to an individual block in a report.

- Adding Filters
- Creating Input Control

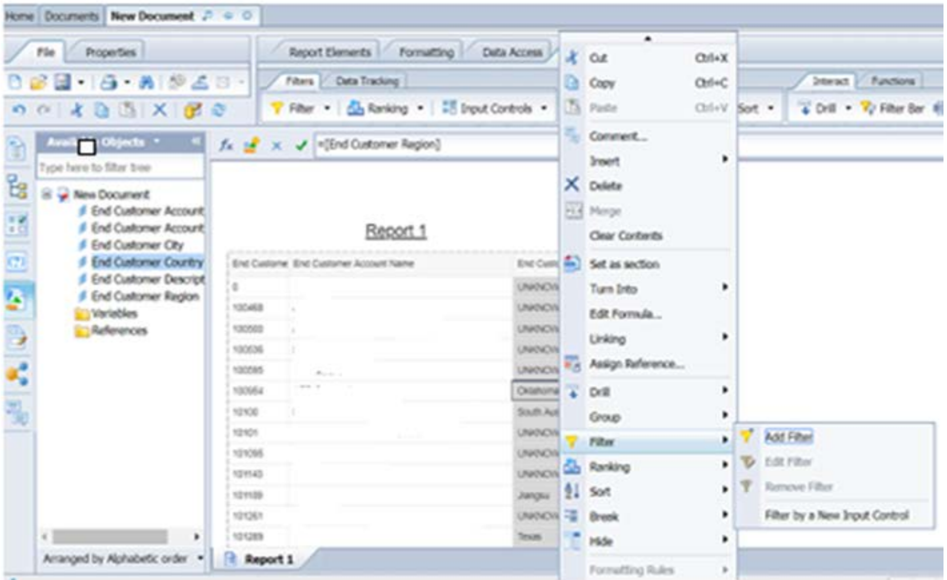
Adding Filters

Task ***To add filter to the report***

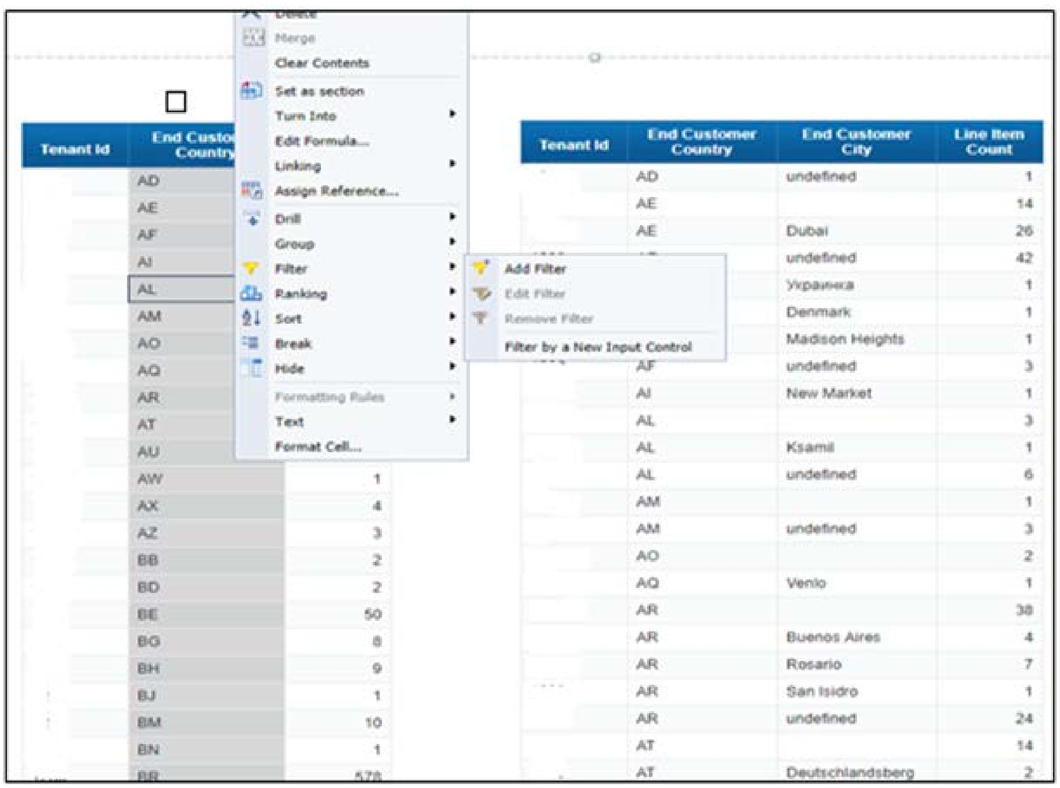
1. On the Analysis pane, select **Add Filter** from the Filter drop-down menu.



2. Right-click the column on which to create the filter, and then select **Filter > Add Filter**.



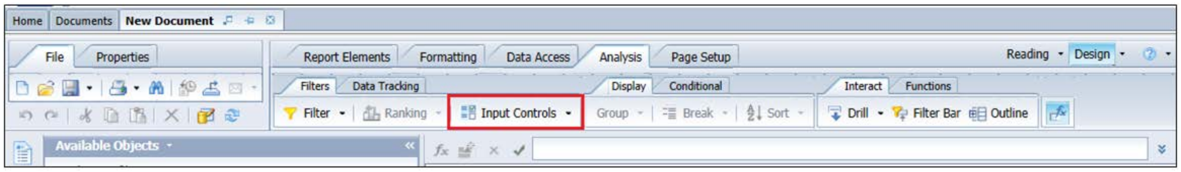
For a report with two or more blocks, use this same step to create a filter for either or both blocks.



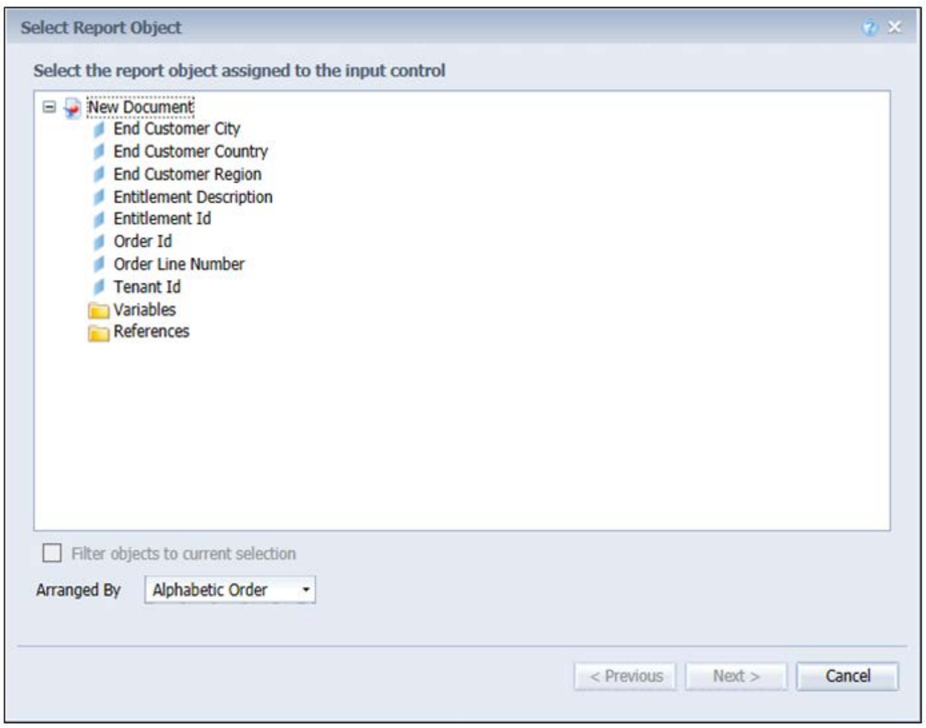
Creating Input Control

Task ***To create an input control to restrict the unwanted data in the report***

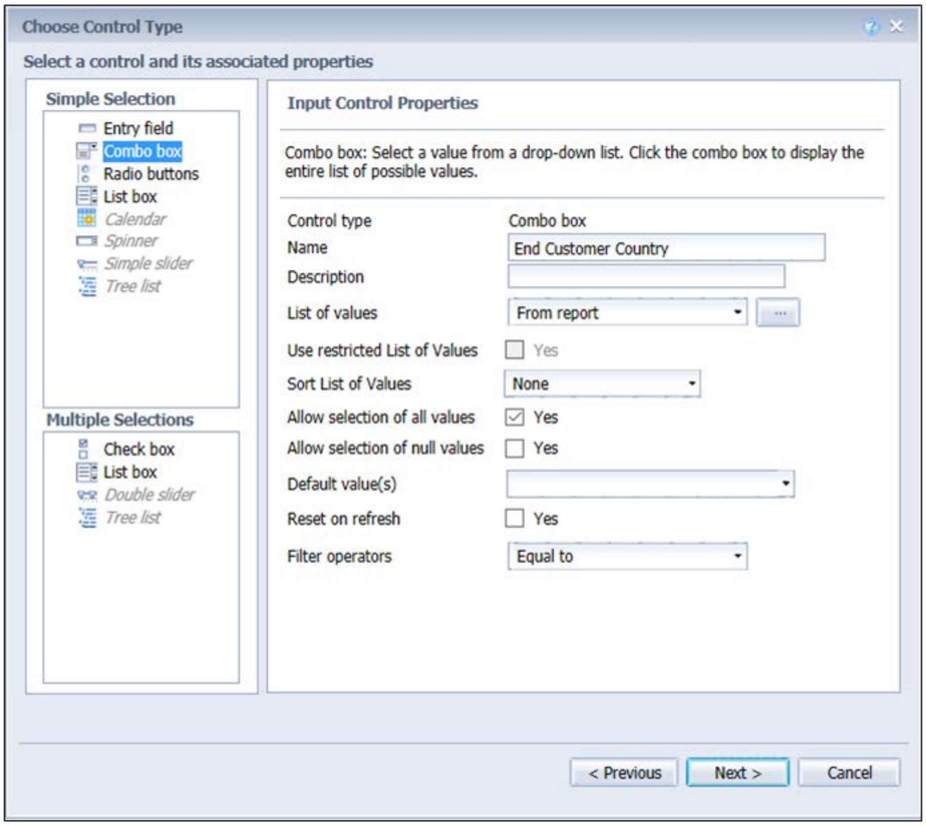
1. On the Analysis pane, click **Input Controls**.



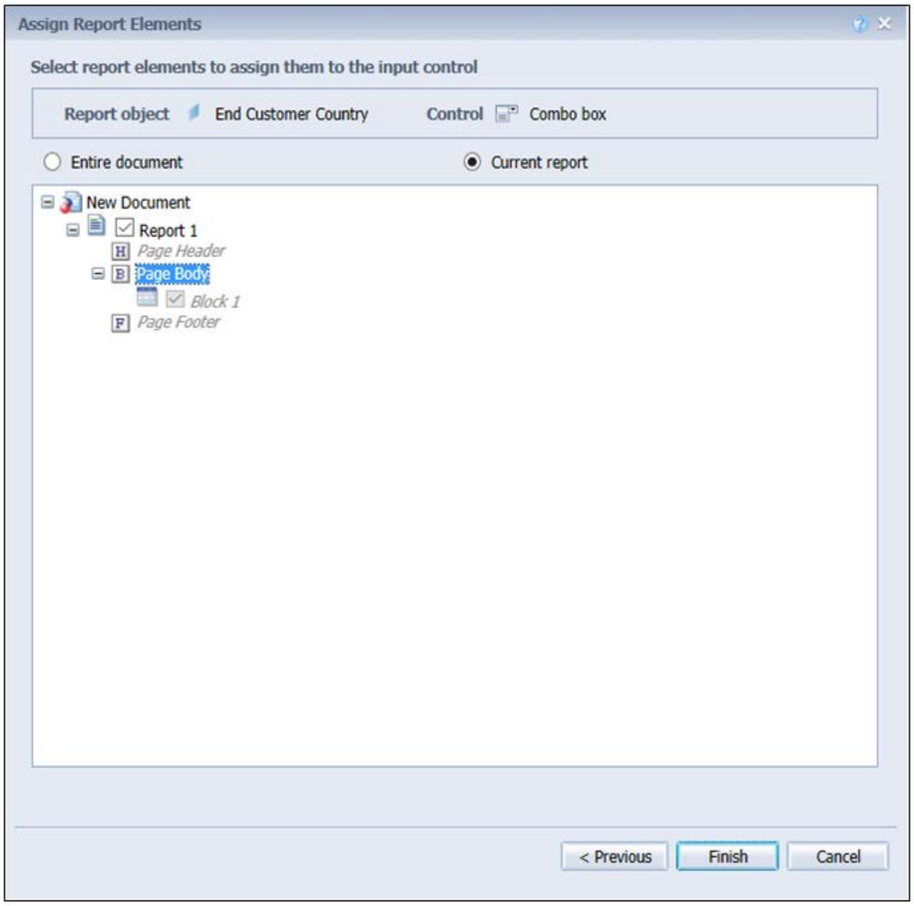
2. In the Select Object dialog box, select the report object on which to assign the input control, and click **Next**.



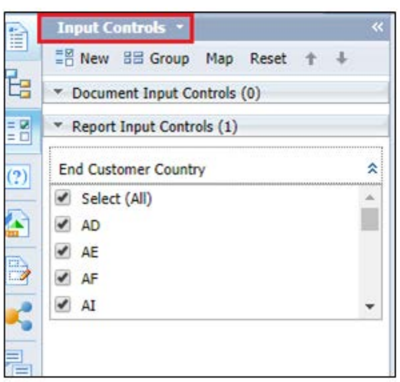
3. In the Control Type dialog box, select a control type, provide its value properties, and click **Next**.



4. In the Assign Report Elements dialog box, select either **Entire document** or **Current report** to specify the scope of the input control.
5. Select the report elements, and then click **Finish**.



6. From the Side panel, select **Input Controls** to view the list of input control values for the selected object.

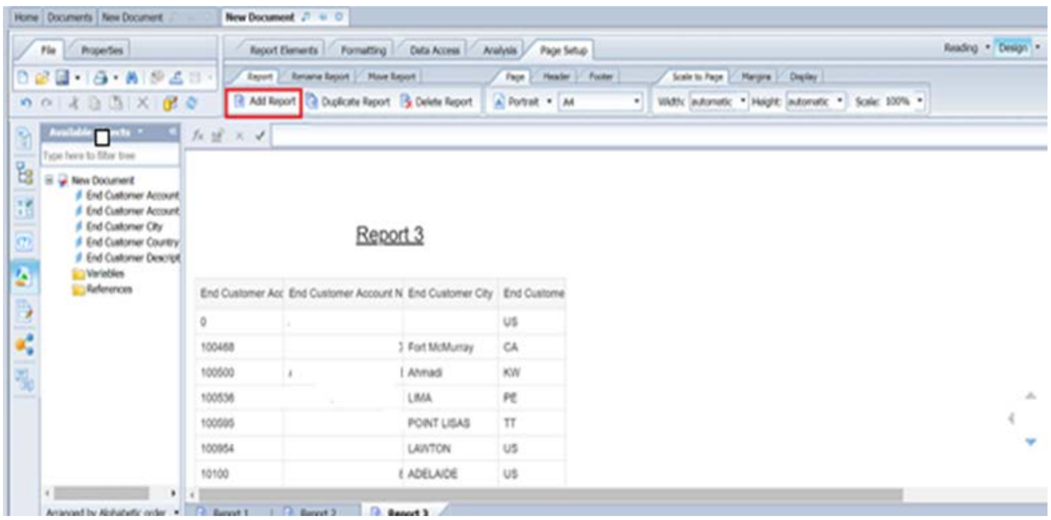


Page Setup: Adding Multiple Reports to a Document

This section helps you to add multiple reports to a document. (You can also format the page with headers and footers and scale it with margins.)

Task ***To insert multiple reports in a document***

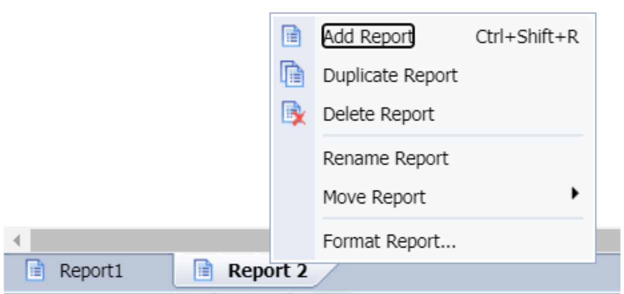
1. On the Page Setup pane, click **Add Report**.
2. Repeat this step for each report you want to add.



OR

You can also right click on an existing report tab to select **Add Report**/**Duplicate Report**.

3. Repeat the same step for each report you want to add.



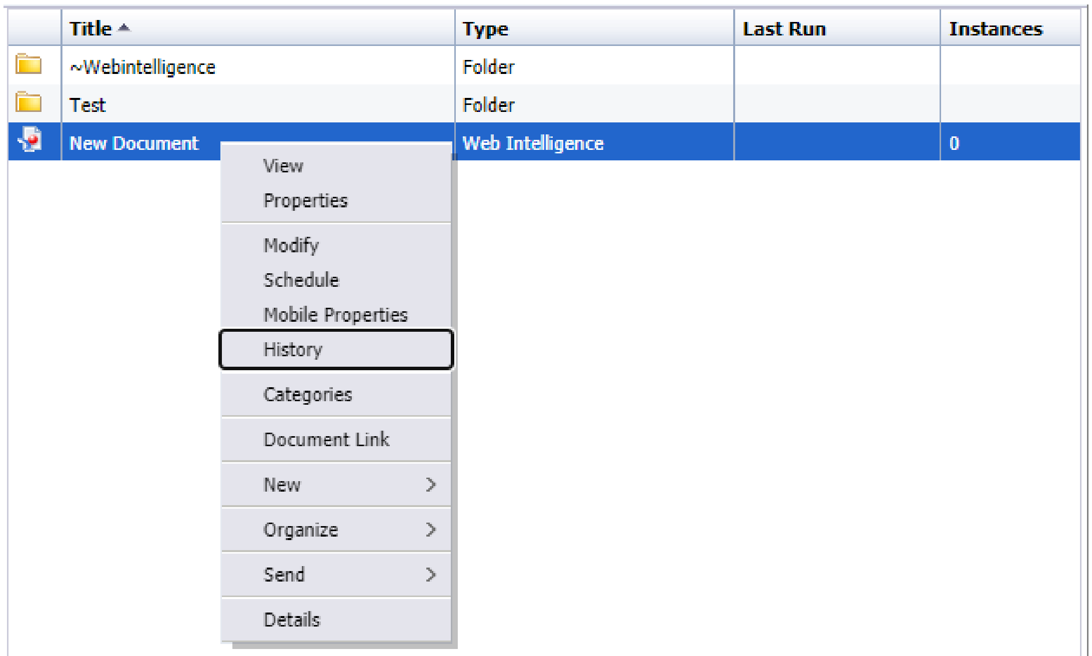
The multiple reports are now available in the document.

Viewing the History of Reports

This section explains how to view a report's history.

Task ***To view the history of a report***

1. On the Report Panel, click the **Documents** tab.
2. Select the required document to view the document details.
3. On the Details pane, right-click the required document.

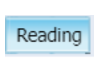


4. Click **History** to view the history details of the report.

Refreshing Reports

The 'refresh' icon:

is in multiple locations in both **Reading** and **Design** modes:

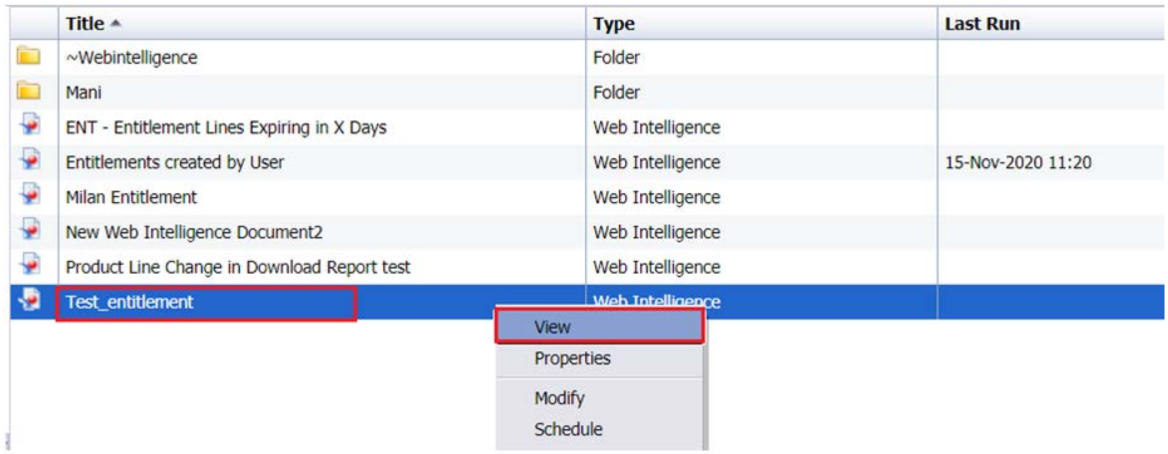


and


Also, there are different types of prompts. Some allow values to be selected from a list and others require values to be manually entered.

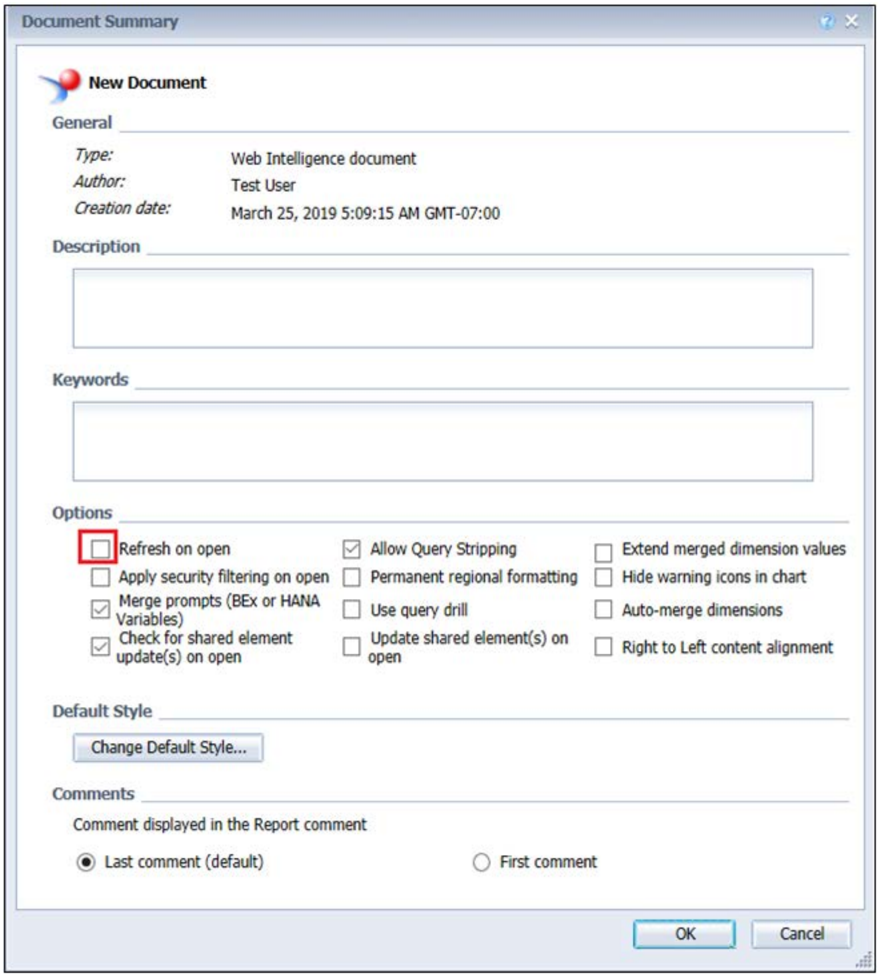
Task ***To refresh a report***

1. Open the report to be refreshed.
2. Double-click left on the report tile to open it in 'View' mode, OR single-click right on the report title and click **View** from the pop-up menu of options.



Task ***To refresh your report each time you reopen it***

1. In the Document Summary dialog box for an existing document or one you are creating, select **Properties**, and then **Document**.
2. Select the **Refresh on open** check box to refresh the current report automatically every time you open the report.



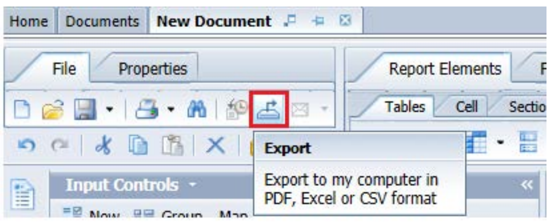
Note *▪ To improve report performance, refresh the document as needed instead of using **Refresh on open**.*

Exporting Reports in Different Formats and Purpose

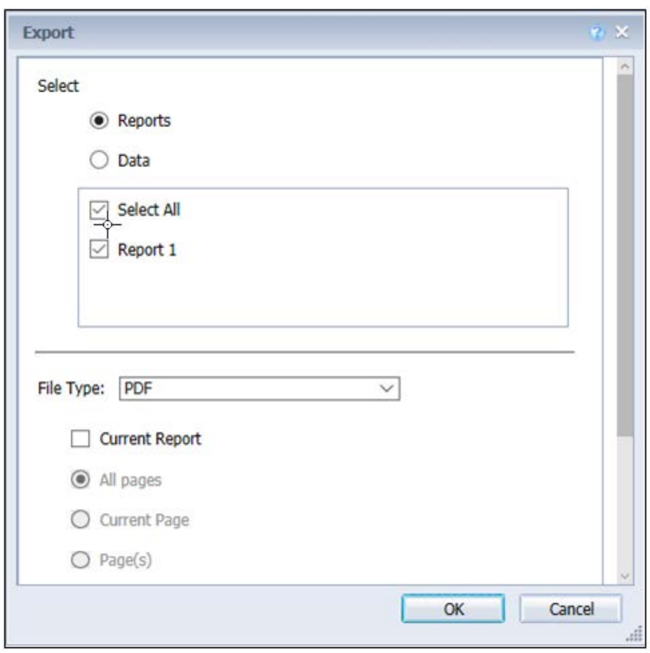
You can export a complete document or one/more reports to a text file, a PDF, an Excel spreadsheet, a CSV file, or a CSV archive. If you want to export raw data, only the .CSV format is available. You can select whether you want to export all data or just the data for specific queries. Except for the text file format, each file type has several settings available when you are in the Export dialog box.

Task ***To export a report***

1. On the New Document panel, click the **Export** icon to export the reports.



2. Select either **Reports** or **Data**.



3. Select the File Type from the drop-down menu. The available file formats and their descriptions are described in the following table:

Format	Purpose
PDF	• This format is useful to provide the document in a printable format. • The page layout and formatting of the Web Intelligence report is retained in the PDF file. • The PDF file is the exact copy of the document/report and can be shared to other users (non-BO users) via email, shared location. • The data in the PDF cannot be modified by anyone.
Excel	• Export excel means export snapshot of the generated report. • This format is useful if you want to combine the information in Web Intelligence document with other data in an Excel spreadsheet. • Unlike Web Intelligence documents, the Excel files are not connected to the database. You cannot refresh the data in the Excel file. To display up-to-date data in Excel format, refresh the Web Intelligence document and then save it as a new Excel file. • Each report within the Web Intelligence document converts to a separate Excel worksheet within the Excel file. • This format does not include the header and footer displayed in the Web Intelligence report. • The charts are converted to images, not actual charts. • SAP BO supports export as excel, you can customize or create new reports to export excel sheet and perform further pivot or other transformations with this excel data. • If you have used drill functionality, cross-launch and hyperlinks inside the report, export to excel may not work as expected. The formatting and grouping of the Web Intelligence report is not retained in the Excel worksheet.
Text File	• The groupings and columns of the Web Intelligence report is retained in the Text file. But the formatting (for example: Header row color) is not retained. • In page mode, the report elements are exported page by page. • The separator used is a tab space. • The charts and images does not get exported. • If several reports are selected, they are appended one after another in the same text file.

Format	Purpose

CSV File	• The formatting and grouping of the Web Intelligence report is not retained in the CSV file.
	• Best choice for 'raw data' as its export data from microcube/data provider.
	• This format dumps the full content of all columns were retrieved from the database into the CSV file.
	• The computations and filters applied in the Web report are not applied in the CSV file.
	• Data providers does not result any output, users may see special chars due to object names used in the data providers.
	• The following properties can be configured:
	  ◦ Text qualifier
	  ◦ Column Delimiter
	  ◦ Charset

CSV Archive	• This format generates an archive file (.zip) that contains data from the document.
	• This format contains one CSV file per report from the document. Each CSV file contains the report data without any headers, footers, or charts.
	• This format supports all or only some of the reports to export in the CSV archive file.
	• This format is supported only from Rich Client and the SAP BusinessObjects Web Intelligence Launch pad. This format does not support Scheduling.
	• The exported data will be separated using comma, and text qualifier
	• The following properties can be configured:
	  ◦ Text qualifier
	  ◦ Column Delimiter
	  ◦ Charset

4. Click **OK**.

Scheduling Reports

The following topics describe how to schedule a report:

- Scheduling a Report
- Events Options for a Scheduled Report

- Destination Options for a Scheduled Report
- Delivery Rules for Scheduled Documents
- Deleting a Report's Schedule
- Pausing a Report’s Schedule
- Recycle Bin Accordion

Scheduling a Report

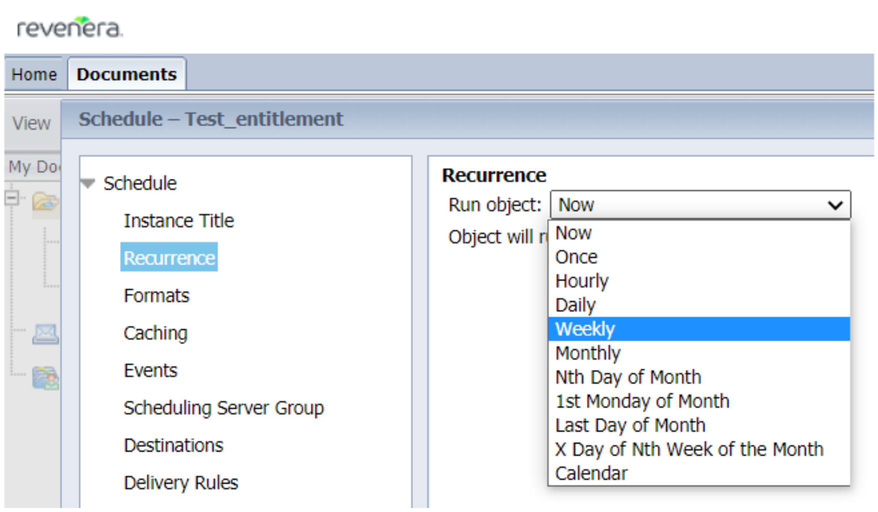
***Important** ▪ You can only schedule reports from the My Favorites folder. If you attempt to schedule a report from a shared folder, the report will not run.*

Task ***To schedule a report***

1. Right click the report title.
2. From the drop-down menu click **Schedule**.

   The Schedule window is displayed.
3. In the Recurrence panel, click the **Run object** drop-down menu, and select the desired option. For example, select **Weekly**.

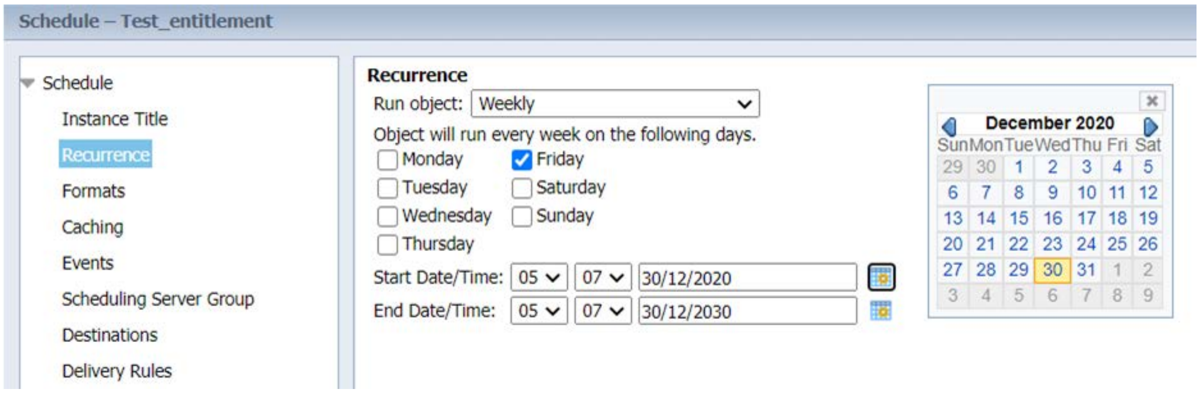
   The scheduling criteria are displayed.



***Note** ▪ Based on the selected scheduling criteria, the subsequent menus are displayed for the reports to be run. In this example, since the Weekly option was chosen, the day(s) of the week is displayed and one of the days must be selected to run the scheduled report.*

4. Select your desired options to run the report.

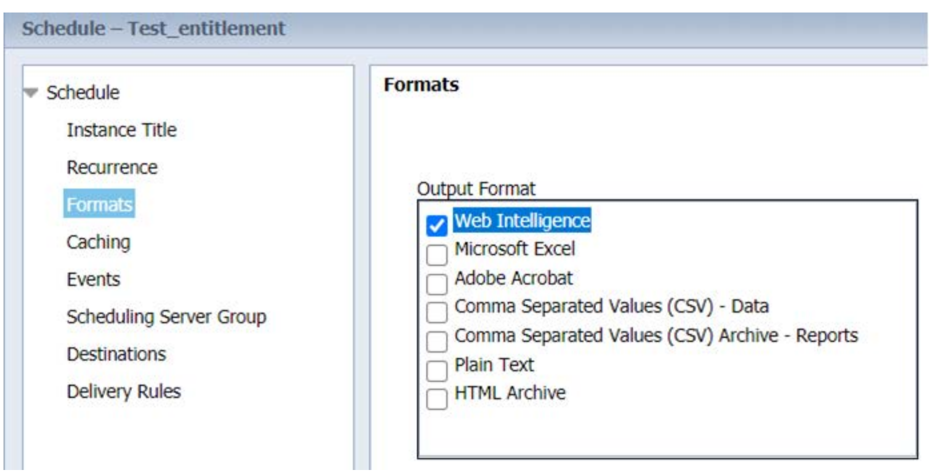
   In this example, Friday is selected. The Start Date/Time and the End Date/Time settings specify the effective date/time range for this schedule. The default values make the schedule effective immediately and for a 10-year period. If you wish to change the default values, click the down pointing arrowheads to change the times. To change the date range, click the calendar icon or manually enter the start/end dates in the specified format.



Note ▪ *If you want the report to be triggered by an event, the date when the report runs depends on the timing of the event. See Events Options for a Scheduled Report.*

Important ▪ *The daily refresh of the universes (with the exception of the universes listed above) finishes at 5:00 AM Pacific Time. It is recommended that you do not schedule a report to run between 00:00 and 5:00 AM Pacific Time, to avoid conflicts between the scheduled report running and the refresh. See Data Refresh Intervals.*

5. To set the output format for the scheduled report instances, under Schedule, click **Formats**.

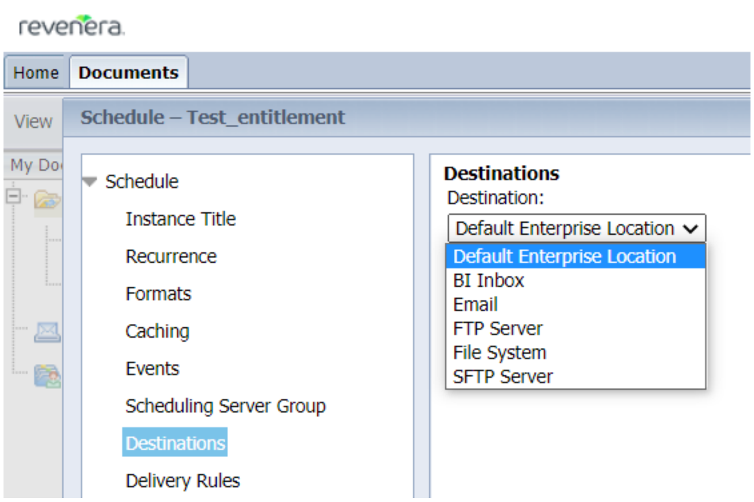


Following are the most common output formats that are used:

Output Format	Description
Web Intelligence	By default, the Web Intelligence option is selected. Selecting this option is good if the report will be sent to the BI Inbox destination as this option sends the report in Business Objects report format.
Microsoft Excel	When you wish to send the reports to an email address, you can select this option. Selecting this option sends the report in Excel (.xlsx) format.
Adobe Acrobat	When you wish to send the reports to an email address, you can select this option. Selecting this option sends the report in PDF (.pdf) format.

6. To define the destination to send the scheduled report, click **Destinations** and specify destination options, as described in Destination Options for a Scheduled Report.

   If the destination is not set, then by default the report will run as scheduled, but it will only be viewable as an instance on the report's History page.



7. If desired, specify an event (see Events Options for a Scheduled Report).

8. Click **Schedule**.

Events Options for a Scheduled Report

When you schedule a report with an event, the report runs after the specified event occurs.

The date when the report runs depends on the timing of the event. The only event that is available in this implementation is Daily Data Refresh, which occurs each day at 05:00 AM PST. When you schedule a report to be triggered by the Daily Data Refresh, you must schedule the report to run before 05:00 AM PST for the report to run on the same day. If you schedule the report to run after 05:00 AM PST, the report will run on the following day.

Task ***To specify an event for a scheduled report***

1. Schedule the report as described in Scheduling a Report, Step 1 through Step 6.
2. In Step 7, under Schedule, select **Events**.
3. The event that you select will trigger the scheduled report. Select the event in the **Available Events** list, and click **>** to move the event to the **Events to wait for** list.
4. Click **Schedule**.

Destination Options for a Scheduled Report

The destination options for a scheduled report are:

- Default Enterprise Location
- BI Inbox
- Email
- FTP Server
- SFTP Server
- File System

Note ▪ *The most common destinations are BI Inbox and Email.*

Default Enterprise Location

The scheduled job will run on the Output File Repository Server (FRS). You do not need to set additional options for this destination. Historical instances are saved to the default Enterprise server but not to any other destination.

BI Inbox

Sends the object to a user's BI Inbox.

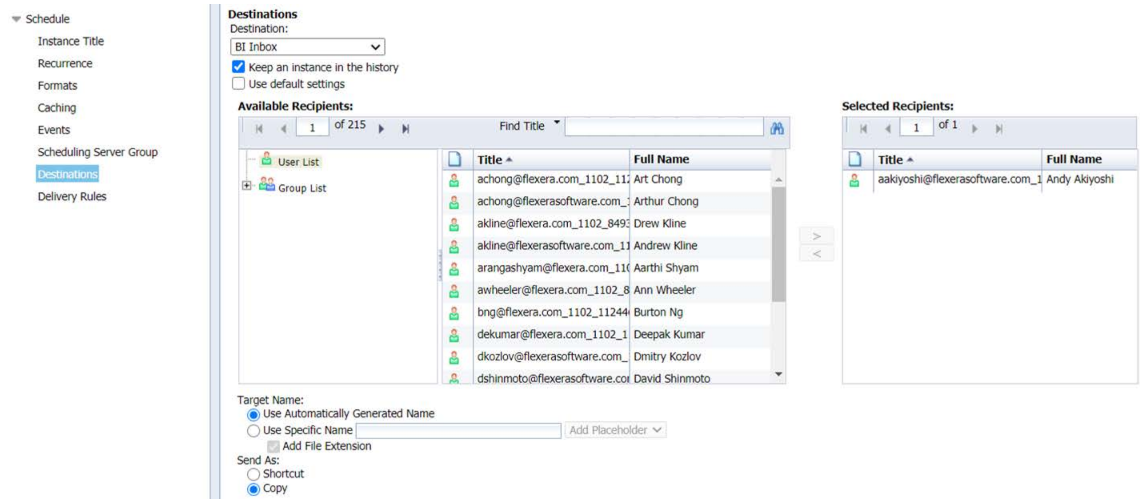
Setting the Destination to "BI Inbox"

Note ▪ *You must know the Personnel ID of the recipient to use this destination.*

Task ***To set the destination to "BI Inbox"***

1. In the Destinations drop-down menu, select **BI Inbox**.

   The corresponding options for BI Inbox are displayed.



2. Optionally, select the following check boxes:
    - **Keep an instance in the history**—Saves a copy of the instance in the history.
    - **Use default settings**—The report runs as scheduled but is not sent to any recipients.

      If you want to select the recipients, leave this option unselected and specify the intended recipients using the options in Available Recipients (see below).
3. In the Available Recipients section, you can manually find the recipients or search recipients by using the search function.

   Note ▪ *To search the recipients, use the **Personnel ID**.*
4. Select the recipients' email ID and click the **Move** icon (**>**) to move the recipients to the Selected Recipients section.
5. Select an option for Target Name.

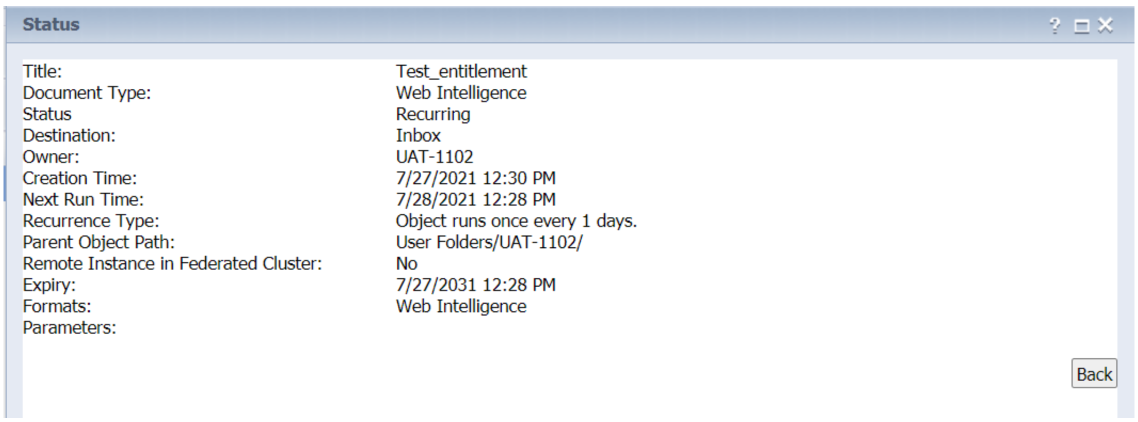
   Note ▪ *By default, the **Use Automatically Generated Name** option is selected.*
6. Under **Send As**, accept the default option (**Copy**).

   Note ▪ *If you want to create a shortcut to the object, use **Shortcut** instead.*
7. Click **Schedule**.

   The report's History screen is displayed.
8. Click **Running/Recurring**. The report's status window is displayed.

9. The defined Schedule is listed in the Status screen.

   Sends the object to a user's BI Inbox.



Email

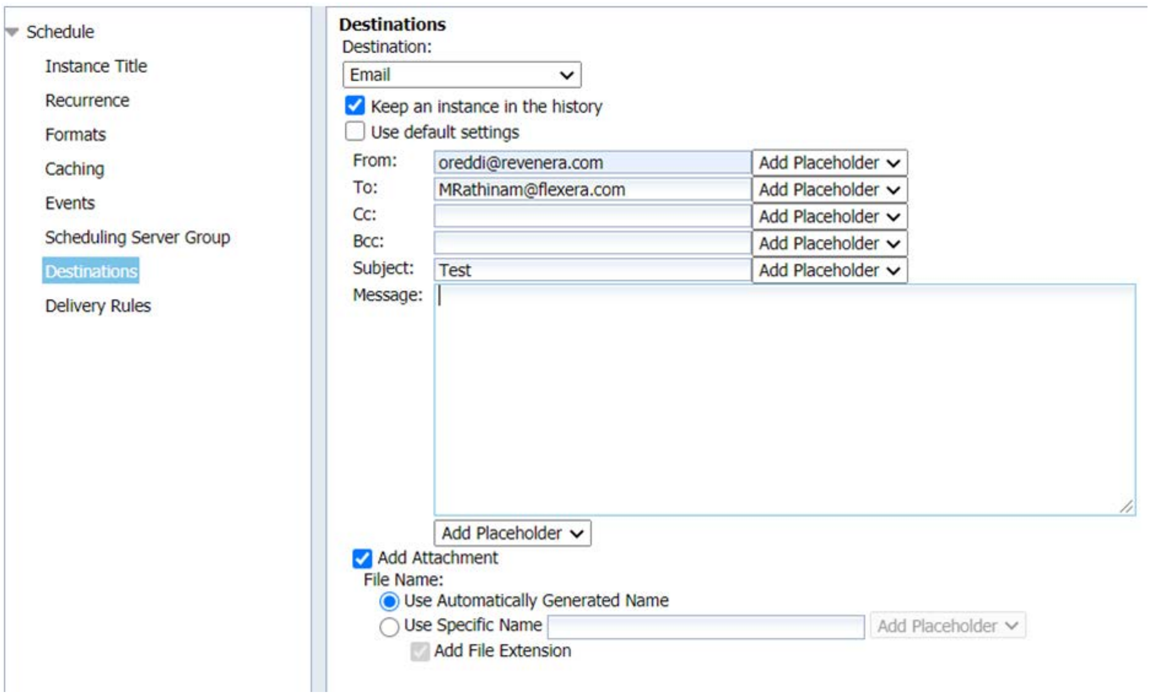
Sends the object to a user's email address.

Setting the Destination to "Email"

Task ***To set the Destination to "Email"***

1. In the Destinations drop-down menu, select **Email**.

   The corresponding options for Email are displayed.



2. Optionally, select the following check boxes:

   - **Keep an instance in the history**—Saves a copy of the instance in the history.
   - **Use default settings**—The report runs as scheduled but is not sent to any recipients.

     If you want to select the recipients, leave this option unselected and specify the intended recipients using the options below.

3. Enter your email address in the **From** field and recipient's email address in the **To** field, and add email addresses in **Cc** (optional), and **Bcc** (optional) fields.

   Important ▪ *If you leave the From field blank, the object will be sent from the login of the user who is currently logged on. Using a From email other than one from the flexnetoperations.com domain may result in email being flagged as spam.*

4. (Optional) Enter a subject and message for the email body.

5. If you want to include an attachment, select **Add Attachment**.

   Under **File Name**, it is recommended that you select **Use Specific Name** and add the placeholder “Title”. Otherwise, an auto-generated string of characters will be appended to the file name.

6. Click **Schedule**.

   The report's History screen is displayed.

FTP Server

Sends the object to an FTP (File Transfer Protocol) server location:

Table 2-1 ▪ FTP Server Location Options

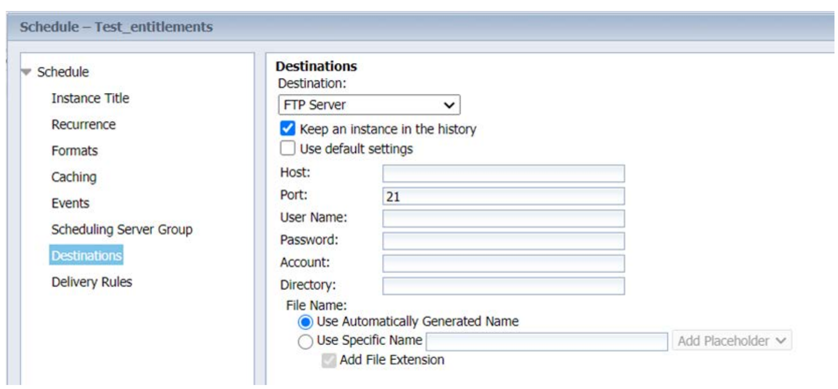
Option	Description
Destination	FTP server.
Keep an instance in the history	Saves a copy of this instance in the document's history. This option in selected by default. If you want the BI platform to automatically delete the instance from the Output FRS to minimize the number of instances on the server, clear the **Keep an instance in the history** check box. 
Use default settings	Uses the default Adaptive Job Server values for FTP Servers. ● If you do not want to use the default Adaptive Job Server values, clear the check box, and set the destination recipient options that appear. ● You can change the values in the Servers area of the CMC. For more information, refer to the *SAP BusinessObjects Business Intelligence Platform Administrator Guide*.
Host	Enter the IP address of the FTP server host computer where you want to send the instance.
Port	Enter the port of the FTP server where you want to send the instance. The default is 21.

Table 2-1 ▪ FTP Server Location Options

Option	Description
User Name	Enter a user name with access rights to upload the object to the FTP server.
Password	Enter the password required to access the FTP server.
Account	Enter the account required to access the FTP server. The account is part of the standard FTP protocol but is rarely implemented. Enter an account only if your FTP server requires it.
Directory	Enter the path to the FTP directory where you want to send the instance.
File Name	To use a system-generated file name for the instance, select **Use Automatically Generated Name**. ● To select the file name for the instance, select **Use Specific Name**, and enter a name or select variables for the file name from the **Add Placeholder** list. You can select from several types of variables: **Title**, **ID**, **Owner**, **DateTime**, (your) **Email Address**, (your) **User Full Name**, and **File Extension**. ● Select **Add File Extension** to automatically add the file extension to the instance file name. If you do not add a file extension, you might be unable to open the document.

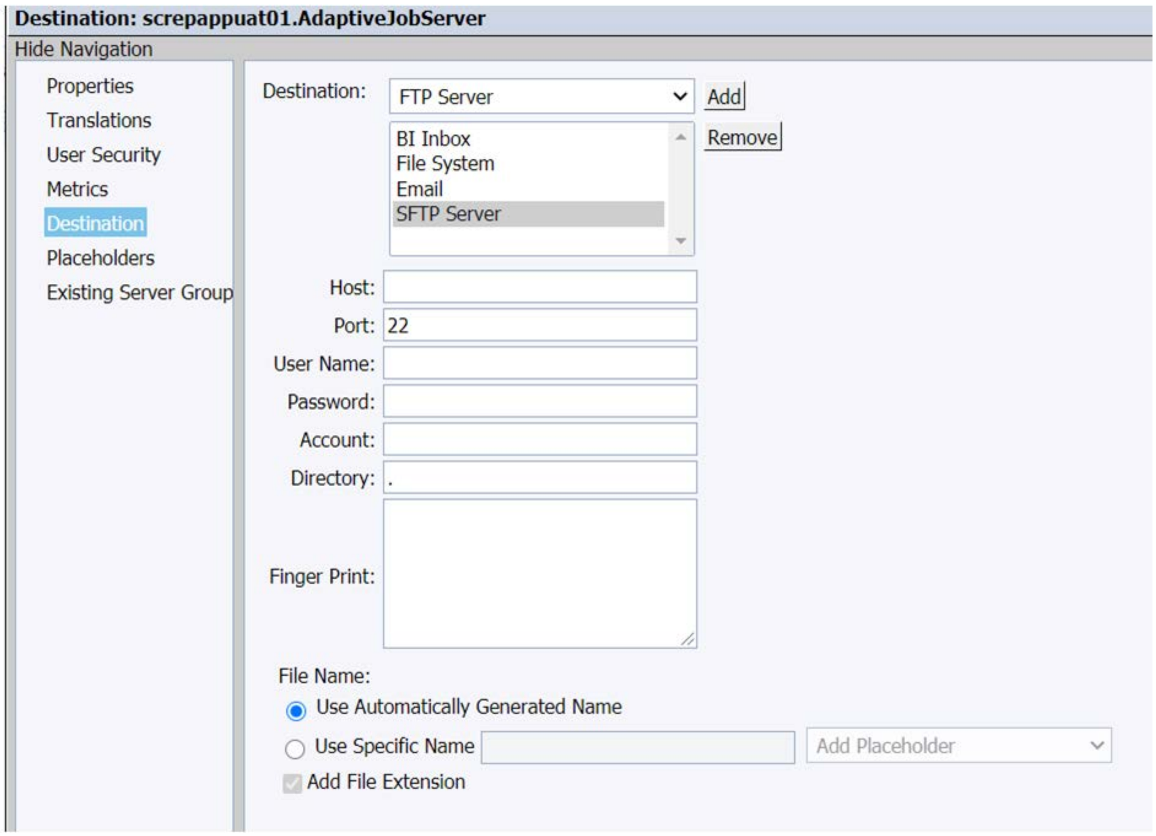
SFTP Server

SFTP Destination support is one of the more interesting new features introduced with the recently released SAP BusinessObjects BI Platform 4.1 Support Pack 6.

SFTP protocol is a computing network protocol for accessing and managing files on remote file systems, similar to FTP. SFTP encrypt commands and data both, preventing passwords and sensitive information from being transmitted in the clear over a network. The advantages of having SFTP is that it allows secure transmission of data using Fingerprint authentication.

Task ***Steps for SFTP scheduling***

1. The destination has to be enabled in CMC on the Adaptive Job Server. Enter the details of the SFTP Server, along with the SHA FingerPrint of the server. Contact your administrator to enable FTP/SFTP in CMC.



2. Enable the SFTP Server in CMC. Enter the SFTP Server details, along with the Fingerprint Value

   - **Host**—IP address of SFTP Server.
   - **Port**—Port of SFTP Server (the standard SFTP port is 22).
   - **Username**—Username to access SFTP Server
   - **Password**—Password to access SFTP Server.
   - **Account**—Account needed to access SFTP Server.
   - **Directory**—Directory location in SFTP Server where the document is to be delivered.
   - **File Name**—Select **Use Automatically Generated Name** or **Use Specific Name**.
   - **Fingerprint**—Host key fingerprint of the SFTP server and save the details.

File System

The **File System** destination type is not supported in this implementation.

Delivery Rules for Scheduled Documents

Prevent the sending of erroneous or empty documents by setting delivery rules for scheduled documents. Define a status for the documents that fail to meet the rules so you can identify them and reschedule them, change the connection details, or take other, appropriate action.

You define conditions that the document must meet for it to be sent to the following destinations:

- BI Inbox
- Email
- FTP server
- SFTP server

When the document fails to meet those conditions, it is not sent. You can choose one or both of the following conditions for a document:

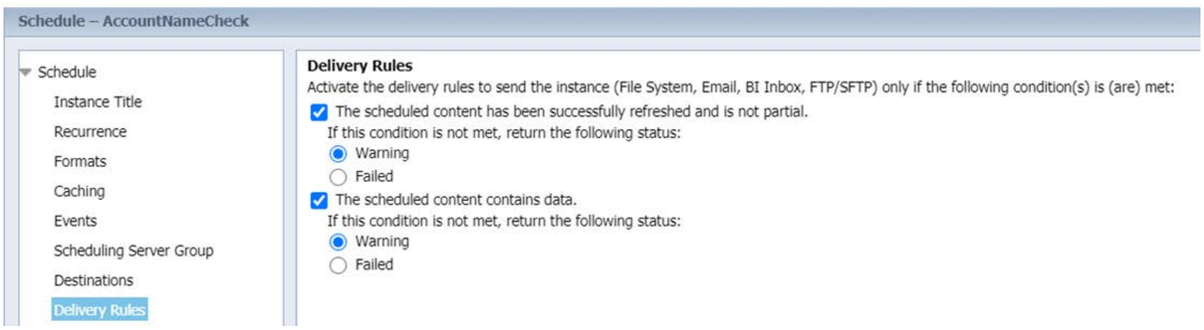


Figure 2-6: Delivery Rules

- **The scheduled content has been successfully refreshed**—The document is sent only when all the data providers for the document have been successfully refreshed. A document that contains data from incomplete results isn't sent.
- **The scheduled content contains data**—The document is sent only when at least one report in the document contains data. An empty document isn't sent.

When you select a condition, you can also define the status that is displayed in the history for a document that fails to meet the condition, as follows:

- **Warning**
- **Failed**

The default status is **Warning**.

When you select both conditions for the sending of the document and the status of one condition is **Warning** and the status of the other condition is **Failed**, the history shows **Failed**.

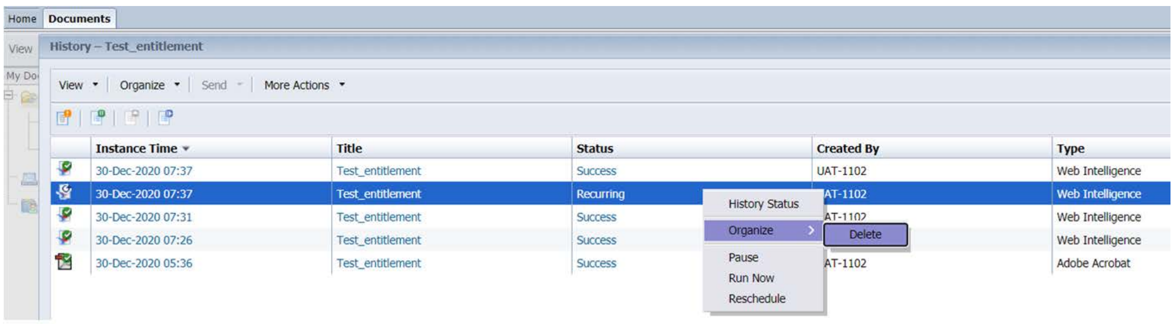
Deleting a Report's Schedule

If you no longer require a report, you can delete the scheduled report instance. This will also remove the history of the report (including the scheduler and past results).

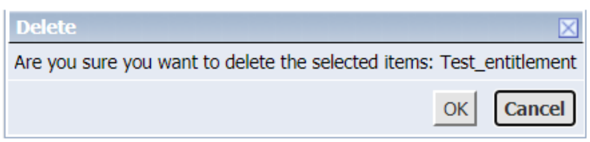
If you only want to stop the report temporarily to revisit it later, you can pause the report instead (see Pausing a Report’s Schedule).

Task ***To delete a report's schedule***

1. Open the History window (see Viewing the History of Reports).
2. Select the report.
3. Right-click the **Status** column of the report. From the context menu, click **Organize** and then **Delete**.



The Delete confirmation window is displayed.



4. Click **OK**.

Pausing a Report’s Schedule

Pausing enables you to temporarily stop a scheduled report instance from running and resume it later.

Task ***To pause a report's schedule***

1. Locate your scheduled report on the Documents tab.
2. Right click the report title to open the menu options and select **History**.
3. From the History page, select the report instance that you want to pause.

Tip ▪ *To select the report, avoid clicking the instance time, title, or status of the report, because this will open the instance itself. Instead, click anywhere in the report’s row on a blank space.*

4. Above the report, in the **More Actions** drop-down menu, click **Pause**.

   The History window shows the status as “Paused”.

Task ***To resume a paused report***

1. Locate your report on the Documents tab.
2. Right click the report title to open the menu options and select **History**.
3. From the History page, select the paused report instance.
4. Above the report, in the **More Actions** drop-down menu, click **Resume**.

If the start date and time of the scheduled report are in the past, the report runs immediately. Otherwise, the report will run as per its scheduled date and time.

Recycle Bin Accordion

Note the following about the Recycle Bin accordion:

- The Recycle Bin accordion for the user is created in BI Launchpad only after the user has deleted any data.
- The 'Recycle Bin' is not visible under documents in BI Launchpad for the users.
- The behavior is the same for default enterprise administrator.
- The behavior is consistent for administrators and non-administrator users.
- The Recycle Bin accordion is visible for the user after the user deletes any data at least once.

Enabling Reports from Legacy Reporter

Scheduled reports in legacy Reporter are automatically copied to the new FlexNet Operations Reporter and set as paused to prevent the sending of duplicate reports. If you have any scheduled reports in legacy Reporter that should continue to run in the new FlexNet Operations Reporter, you must enable these reports in the new FlexNet Operations Reporter. Otherwise, they will not run in the new Reporter after the switch-over date on August 6, 2021.

Task ***To reschedule a paused report***

1. Locate your scheduled report in the new FlexNet Operations Reporter. Scheduled reports typically show a value in the Instances column.
2. Right click the report title to open the menu options and select **History**.
3. From the History page, select the report instance that has **Paused** in the **Status** column.
4. Above the report, in the **More Actions** drop-down menu, click **Reschedule**.

   The Reschedule window opens where you can review all parameters to reschedule the report. See Scheduling Reports.

   Note ▪ *If you decide not to reschedule now, you have the following options:*

- ***Resume****: The report runs immediately, because the start date and time of the report scheduled in the legacy Reporter is likely before today.*
- ***Run Now****: The report runs immediately, regardless of its scheduled date and time.*

5. For rescheduling a report, the Replace and Recurrence settings are the most significant. On the **Replace** panel, select one of the following options:

    - **Replace existing schedule**—This option overwrites the existing schedule that was paused. Select this if you do not want to create an additional scheduled instance of the report.
    - **Create new schedule from existing schedule**—This is the default and results in another scheduled instance of the report. This might be desirable if you want to create a similar schedule with different prompts or distribution.

6. The Recurrence panel shows the original recurring schedule for the report. This reflects the original start date and time of the report, which is likely to be in the past. Update the **Start Date/Time** to reflect the next time you want the report to run. If the **Start Date/Time** is prior to today, the report will run immediately when scheduled.

    Important ▪ *The End Date/Time must be after the Start Date/Time (including the time itself). If the end time is set before the start time (even if the end date is after the start date), the last scheduled report will not run.*

7. Edit the values in the remaining panels as required (see Scheduling Reports).
8. Click **Schedule** in the lower right corner of the Reschedule page.

    The History page shows the updated status for the report.

9. (Optional) On the **History** page, click the value in the **Status** field to see the scheduler parameters.

3

Reporter Standard Reports

FlexNet Operations Reporter includes a number of predefined, standard reports. This chapter describes each standard report, the prompts you can use to modify its output, and the attributes included in the report.

- Before You Begin
- Standard Reports

***Tip** ▪ Reporter also allows users to create and share custom reports. For more advanced instructions see the Business Objects document, "Building Reports Using the Web Intelligence HTML Report Panel", or click the help link in Reporter.*

Before You Begin

Standard reports are available to producers who have access to Reporter. The following sections identify the permissions required to view reports and explain how to launch Reporter.

Producer Permissions for Reporter

Producers who are assigned to roles that have the **View Reports** permission can start Reporter. For more information about managing a user's roles and permissions, see "Managing Accounts and Users" in the FlexNet Operations User Guide.

Starting Reporter

Producers with the View Reports permission can start Reporter from the Producer Portal.

Task ***To start Reporter***

In the Producer Portal, click **System** > **Reports**. The Producer Portal opens Reporter in a new window.

Standard reports are available in Reporter in the Folders drawer in the ALM Standard Reports folder (in the Public Folders directory). See the next section for details about each standard report. Double-click a report to configure its prompts and run it.

Standard Reports

This chapter describes the standard reports included for all producers and available to producer users with the required permissions to use Reporter.

For each report, you will find

- The name of the standard report and a description of its content and purpose
- A list of report filter prompts with prompt text and valid values
- A table of report output attributes and descriptions of those attributes
- A report output sample

To learn about a standard report's purpose, prompts, and attributes, see the section for that report.

Table 3-1 ▪ Standard Reports

Section	Description
ACT-Accounts Created in Last X Days	Shows all accounts created within the time range you specify.
ENT-Entitlement Lines Created in Last X Days	Shows all entitlement lines created within the time range you specify.
ENT-Entitlement Lines Expiring in X Days	Shows all entitlement lines expiring in the time range you specify.
ENT-Maintenance Expiring in Next X Days	Shows all maintenance lines expiring in the time range you specify.
FUL-Fulfillments Created in Last X Days	Shows all fulfillments created within the time range you specify.
FUL-Fulfillments with Returns/Rehosts/Reinstallations	Shows all fulfillments that were subject to return, rehost, and reinstall operations along with counts related to those operations. This report has prompts for you to specify the time range and, optionally, the account name on which to report.
PRD-Product Created in Last X Days	Shows all products created for the product name and version you identify and in the time range you specify.

Tip ▪ *Reporter also allows users to create and share custom reports. For more advanced instructions see the Business Objects document, "Building Reports Using the Web Intelligence HTML Report Panel", or click the help link in Reporter.*

ACT-Accounts Created in Last X Days

The Accounts Created in Last X Days report shows recently created accounts with information about their account type, creation date, description, address, and number of users.

Report Prompts

This report has only one prompt to filter reports by their create date.

Prompt	Description
Account created between today - ? days and yesterday	Enter the number of days to set the date range for the report. For example, if you set the prompt to 365, the report returns a list of accounts created in the last year (between yesterday and the 365 days prior). Default: 100 days.

Report Attributes

The table, below, lists the attributes included in the Accounts Created in Last X Days report.

Attribute	Description
Account ID	A unique identifier of an organization's account as defined in FlexNet Operations. (For example, Stark International Enterprises.)
Account Name	A display name for an organization's account as defined in FlexNet Operations. (For example, Stark.) The Account Name is what FlexNet Operations displays on most of the Producer Portal and End-User Portal pages.
Account Type	The account type distinguishes between regular customer accounts (CUSTOMER), self-registered accounts (SELF_REGISTERED), channel partner accounts (CHANNEL_PARTNER), and producer accounts (PUBLISHER). Accounts without a standard account type are shown as UNKNOWN.
Account Create Date	The date the account was first created.
Account Description	The description associated the account.
Account Address Line 1	The first line of the optional street address of the account.
Account Address Line 2	The second line of the optional street address of the account.
Account City	The city for the address associated with the account.
Account Country	The country code for the account.

Attribute	Description
Account Region	The region where the account is situated. For instance, EMEA or APAC. Region is an optional field in the account-creation process and can contain any region designation the user enters.
Parent Account ID	The account ID of the parent account, if any.
Parent Account Name	The account name of the parent account, if any.
User Count	Number of users on the account.

Report Sample

The image, below, shows a sample of the Accounts Created in Last X Days report.

ACT - Accounts Created in Last X Days

Account ID	Account Name	Account Type	Account Create Date	Account Description	Account Address Line 1	Account Address Line 2	Account City	Account Country	Account Region	Parent Account ID	Parent Account Name	User Count
AACMidwest	AACMidwest	SELF_REGISTE	01/09/2018						UNKNOWN			1
AACWest	AACWest	SELF_REGISTE	01/10/2018						UNKNOWN			1
ABCAccount	ABCAccount	CUSTOMER	12/07/2017	TestAccount				US	UNKNOWN			1
ABTTestAccount	ABTTestAccount	CUSTOMER	12/07/2017	TestAccount				US	UNKNOWN			0
ABU SALIMA EL LIBI	ABU SALIMA EL LIBI	CUSTOMER	01/25/2018					US	UNKNOWN			1
AC4	AC4	PUBLISHER	01/19/2018						UNKNOWN	MYORG	My Organiza	0
ACC1-FEB031	ACC1-FEB031	CUSTOMER	02/03/2018					US	UNKNOWN			1
ACC1-FEB032	ACC1-FEB032	CUSTOMER	02/03/2018					US	UNKNOWN			1
ACC1-FEB033	ACC1-FEB033	CUSTOMER	02/03/2018					US	UNKNOWN			1
Acc1_V_18Jan	Acc1_V_18Jan	CUSTOMER	01/18/2018					US	UNKNOWN			2
Acc2_V_18Jan	Acc2_V_18Jan	CUSTOMER	01/18/2018					US	UNKNOWN			2
ACC_ESD_DEC4	ACC_ESD_DEC4	CUSTOMER	12/04/2017					US	UNKNOWN			0
Acc_ID	Acc_Name	CUSTOMER	01/08/2018					US	UNKNOWN			0
AccIDPublisher_V_5Jan	AccPublisher_V_5Jan	PUBLISHER	01/19/2018						UNKNOWN	MYORG	My Organiza	0

Figure 3-1: ACT-Accounts Created in Last X Days Report

ENT-Entitlement Lines Created in Last X Days

The Entitlement Lines Created in Last X Days report shows recently created entitlement lines with information about their owner, entitlement ID, activation ID, product name and version, as well as the entitlement lines' creation, expiration, and maintenance end dates.

Report Prompts

This report includes only one prompt with which you can set the number of passed days to look for created entitlement lines.

Prompt	Description
Line Item created between today - ? days and yesterday	Enter the number of days to set the date range for line items in the report. For example, if you set the prompt to 365, the report returns a list of line items created in the last year (between yesterday and the 365 days prior). Default: 100 days.

Report Attributes

The table, below, lists the attributes included in the Entitlement Lines Created in Last X Days report.

Attribute	Description
End Customer Account ID	The account ID for the end user (customer) account that owns the entitlement.
End Customer Account Name	A display name for the end user (customer) account that owns the entitlement.
Entitlement ID	The unique identifier of the entitlement as defined by FlexNet Operations.
Line Item Activation ID	The unique identifier of the entitlement line item as defined in FlexNet Operations.
Ordered Product Name	The name of the product or suite as defined in FlexNet Operations.
Ordered Product Version	The version of the product or suite as defined in FlexNet Operations.
Extended Seat Count	A count of the activated licenses. This count includes the number of copies of a given product purchased on its own as well as those copies included in a suite.
Line Item Created Date String	The date the entitlement line was created.
Line Item Expiration Date String	The expiration date of the entitlement line. If the entitlement line does not expire, **Line Item Expiration Date String** is **PERMANENT**.
Line Item Maintenance End Date	The expiration date of the maintenance line. This attribute may be blank if the maintenance line has no end date (permanent) or if the line item has not maintenance.

Report Sample

The image, below, shows a sample of the Entitlement Lines Created in Last X Days report.

ENT - Entitlement Lines Created in Last X Days

End Customer Account ID	End Customer Account Name	Entitlement Id	Line Item Activation Id	Ordered Product Name	Ordered Product Version	Extended Seat Count	Line Item Created Date String	Line Item Expiration Date String	Line Item Maintenance End Date
aarshi.chatterjee@yahoo.cc	trialOrg	ENT-56c5-ad6B-2Cfd-061	Act-ENT-56c5-ad6B-2Cfd-061-1	PJAN10AA	1.0	1	01/10/2018	04/20/2018	
Aberdeen	Aberdeen Golf	A-47dc-c40A-4E73-061	ACT-952d-c4A6-1573-061	UAT-Test-Prod	1.0	100	12/08/2017	PERMANENT	
ABU SALIMA EL LIBI	ABU SALIMA EL LIBI	ABUSALIMAELLIBI-37f9-92AF-58f2-161	ACT-f22a-929F-D1f2-161	AS-ESDProduct-12131	1.0	1	01/25/2018	12/31/2019	
ACC1-FEB031	ACC1-FEB031	E-FEB031	E-FEB031-LNM1	EDEC161	1.0	100	02/03/2018	02/28/2019	
ACC1-FEB032	ACC1-FEB032	E-ACC2-FEB032	E-ACC2-FEB032-LNM1	EC2	1.0	100	02/03/2018	02/28/2019	
ACC1-FEB033	ACC1-FEB033	E-ACC3-FEB033	E-ACC3-FEB033-LNM1	ECFEB021	1.0	100	02/03/2018	02/28/2019	
ACC_ESD_DEC4	ACC_ESD_DEC4	ENT_ESD_DEC4	ACT_LS_DEC4	product_dec41	1.0	100	12/04/2017	01/05/2019	
Acc_ID	Acc_Name	AID-26b4-5a16-404d-061	ACT-65d4-5a12-AE4d-061	P1_PRODUCT	1.0	1,000	01/08/2018	01/31/2019	
ACC_LS1_DEC14_BEYON	ACC_LS1_DEC14_BEY	ENT_LS_DEC14_BEYOND_LOOKAHEAD	ACT_LS_DEC14_BEYOND_LOOK_AHEAD	Prod_ls_dec6	1.0	100	12/14/2017	11/29/2018	
ACC_LS1_DEC14_PERMA	ACC_LS1_DEC14_PER	ENT_LS1_DEC14_PERM	ACT_LS_DEC14_PERM	Prod_ls_dec6	1.0	100	12/14/2017	PERMANENT	
ACC_LS_DEC5_1	ACC_LS_DEC5_1	ENT_LS_DEC5_1_AUTOPROVISION	ACT_LS_DEC5_AUTOPROV	prod_ls_autoprovision_de	1.0	100	12/05/2017	12/25/2017	
ACC_LS_DEC5_MUL	ACC_LS_DEC5_MUL	ENT_DEC5_MUL	ACT_LS_MUL1_DEC5	prod_ls_fc	1.0	100	12/05/2017	12/25/2017	

Figure 3-2: ENT-Entitlement Lines Created in Last X Days Report

ENT-Entitlement Lines Expiring in X Days

The Entitlement Lines Expiring in X Days report shows expiring entitlement lines with information about their owner, entitlement ID, activation ID, product name and version, as well as the entitlement lines' expiration and maintenance end dates.

Report Prompts

This report includes only one prompt with which you can set the number of days in the future to look for expiring entitlement lines.

Prompt	Description
Line Item Expiration Date between today and days in the future	Enter the number of days to set the date range for line items in the report. For example, if you set the prompt to 365, the report returns a list of line items that expire in the next year (between today and the next 365 days). Default: 1 day.

Report Attributes

The table, below, lists the attributes included in the Entitlement Lines Expiring in X Days report.

Attribute	Description
End Customer Account ID	The account ID for the end-user (customer) account that owns the entitlement.
End Customer Account Name	A display name for the end-user (customer) account that owns the entitlement.
Entitlement ID	The unique identifier of the entitlement as defined by FlexNet Operations.
Line Item Activation ID	The unique identifier of the entitlement line item as defined in FlexNet Operations.

Attribute	Description
Ordered Product Name	The name of the product or suite as defined in FlexNet Operations.
Ordered Product Version	The version of the product or suite as defined in FlexNet Operations.
Extended Seat Count	A count of the activated licenses. This count includes the number of copies of a given product purchased on its own as well as those copies included in a suite.
Line Item Expiration Date String	The expiration date of the entitlement line.
Line Item Maintenance End Date String	The expiration date of the maintenance line.

Report Sample

The image, below, shows a sample of the Entitlement Lines Expiring in X Days report.

ENT - Entitlement Lines Expiring in X Days

End Customer Account ID	End Customer Account Name	Entitlement Id	Line Item Activation Id	Ordered Product Name	Ordered Product Version	Extended Seat Count	Line Item Expiration Date String	Line Item Maintenance End Date
24org	24org	CVSTEST-PERM-E1	CVSTEST-PERM-E1-UNLBRW	CVS-Borrow	1.0	10	02/28/2018	
ACC_LS_FEB3_CON_IN_HEALTHY	ACC_LS_FEB3_CON_IN_HEALTHY	ENT_LS_FEB3_CON_IN_HEALTHY	ACT_LS_FEB3_CON_IN_HEALTHY	PROD1_FEB3	1.0	100	02/28/2018	
ACC_LS_FEB3_CON_IN_WARNING	ACC_LS_FEB3_CON_IN_WARNING	ENT_LS_FEB3_CON_IN_WARNINGENT_LS	ACT_LS_FEB3_CON_IN_WARNING	PROD1_FEB3	1.0	100	02/28/2018	
ACC_LS_FEB3_REN_IN_HEALTHY	ACC_LS_FEB3_REN_IN_HEALTHY	ENT_LS_FEB3_REN_IN_HEALTHY	ACT_LS_FEB3_REN_IN_HEALTHY	PROD1_FEB3	1.0	100	02/28/2018	
ACC_LS_FEB3_REN_IN_RISK	ACC_LS_FEB3_REN_IN_RISK	ENT_LS_FEB3_REN_IN_RISK	ACT_LS_FEB3_REN_IN_RISK	PROD1_FEB3	1.0	100	02/28/2018	
ACC_LS_FEB3_STEP1	ACC_LS_FEB3_STEP1	ENT_LS_FEB3_STEP1	ACT_LS_FEB3_STEP1	PROD1_FEB3	1.0	100	02/28/2018	
ACC_LS_FEB3_STEP12	ACC_LS_FEB3_STEP12	ENT_LS_FEB3_STEP12	ACT_LS_STEP12_1	P_LS_1	1.0	100	02/28/2018	
ACC_LS_FEB3_STEP12	ACC_LS_FEB3_STEP12	ENT_LS_FEB3_STEP12	ACT_LS_STEP12_1	P_LS_2	1.0	100	02/28/2018	
ACC_LS_FEB3_STEP12	ACC_LS_FEB3_STEP12	ENT_LS_FEB3_STEP12	ACT_LS_STEP12_1	P_LS_3	1.0	100	02/28/2018	
ACC_LS_FEB3_STEP12	ACC_LS_FEB3_STEP12	ENT_LS_FEB3_STEP12	ACT_LS_STEP12_2	P_LS_1	1.0	1,000	02/28/2018	
ACC_LS_FEB3_STEP12	ACC_LS_FEB3_STEP12	ENT_LS_FEB3_STEP12	ACT_LS_STEP12_2	P_LS_3	1.0	1,000	02/28/2018	
ACC_LS_FEB3_STEP12	ACC_LS_FEB3_STEP12	ENT_LS_FEB3_STEP12	ACT_LS_STEP12_3	P_LS_2	1.0	1,000	02/28/2018	
ACC_LS_FEB3_STEP12	ACC_LS_FEB3_STEP12	ENT_LS_FEB3_STEP12	ACT_LS_STEP12_3	P_LS_3	1.0	1,000	02/28/2018	
ACC_LS_FEB3_STEP16	ACC_LS_FEB3_STEP16	ENT_LS_FEB3_STEP16	ACT_LS_CHILD_STEP16	prod_ls_child	1.0	0	02/28/2018	
ACC_LS_FEB3_STEP16	ACC_LS_FEB3_STEP16	ENT_LS_FEB3_STEP16	ACT_LS_PARENT_STEP16	prod_ls_parent	1.0	100	02/28/2018	
ACC_LS_FEB3_STEP16	ACC_LS_FEB3_STEP16	ENT_LS_FEB3_STEP16	nshFC-5f31-97FD-32a5-161	prod_ls_child	1.0	0	02/28/2018	

Figure 3-3: ENT-Entitlement Lines Expiring in X Days Report

ENT-Maintenance Expiring in Next X Days

The Maintenance Expiring in Next X Days report shows expiring maintenance lines with information about their owner, entitlement ID, activation ID, product name and version, as well as the entitlement lines' expiration and maintenance end dates.

Report Prompts

This report includes only one prompt with which you can set the number of days in the future to look for expiring maintenance lines.

Prompt	Description
Line Item Maintenance End Date between today and days in the future	Enter the number of days to set the date range for line items in the report. For example, if you set the prompt to 365, the report returns a list of maintenance line items that expire in the next year (between today and the next 365 days). Default: 100 days.

Report Attributes

The table, below, lists the attributes included in the Maintenance Expiring in Next X Days report.

Attribute	Description
End Customer Account ID	The account ID for the end user (customer) account that owns the entitlement.
End Customer Account Name	A display name for the end user (customer) account that owns the entitlement.
Entitlement ID	The unique identifier of the entitlement as defined by FlexNet Operations.
Line Item Activation ID	The unique identifier of the entitlement line item as defined in FlexNet Operations.
Ordered Product Name	The name of the product or suite as defined in FlexNet Operations.
Ordered Product Version	The version of the product or suite as defined in FlexNet Operations.
Net Orders Seat Count	The net copies available for the maintenance line. This count includes all new, upgrade, upsell, and renew orders, and excludes all upgraded, upsold, renewed, obsolete, and inactive orders for a maintenance line.
Maintenance Activation ID	The unique identifier of the maintenance line as defined in FlexNet Operations.
Maintenance Start Date	The date on which maintenance begins.
Maintenance End Date	The date on which maintenance ends.
Maintenance Product	The name of the maintenance product.
Maintenance Part Number	The part number to which the maintenance line is linked.

Report Sample

The image, below, shows a sample of the Maintenance Expiring in Next X Days report.

ENT - Maintenance Expiring in Next X Days

End Customer Account ID	End Customer Account Name	Entitlement Id	Line Item Activation Id	Ordered Product Name	Ordered Product Version	Net Orders Seat Count	Maintenance Activation Id	Maintenance Start Date	Maintenance End Date	Maintenance Product	Maintenance Part Number
24org	24org	S_15MEnt	S_15MEnt_1	S_15MP1	4	15	S_15MEnt_main	03/16/2017	03/28/2018	S_15Mm1	
customer123	customer123	S_3NEnt1	S_3NEnt1_1	S_3NPR1	2.0	100	S_3Nmainent2	11/03/2017	03/08/2018	S_3NMain1	
customer123	customer123	S_3NEnt1	S_3NEnt1_2	S_3NPR1	2.0	100	S_3Nmainent2	11/03/2017	03/08/2018	S_3NMain1	
customer123	customer123	S_3NEnt1	S_3NEnt1_2	S_3NPR1	2.0	100	S_3Nmainent4	11/03/2017	03/08/2018	S_3NMain1	S_3Npart
customer123	customer123	S_3Nent2	S_3Nent2_1	S_3NPR1	2.0	100	S_3Nmainent3	11/03/2017	03/08/2018	S_3NMain1	

Figure 3-4: ENT-Maintenance Expiring in Next X Days Report

FUL-Fulfillments Created in Last X Days

The Fulfillments Created in Last X Days report shows recently created fulfillments with information about their owner, entitlement ID, activation ID, product name and version, as well as the entitlement lines' creation, expiration, and maintenance end dates.

Report Prompts

This report includes only one prompt with which you can set the number of passed days to look for created fulfillments.

Prompt	Description
Fulfillments created between today - ? days and yesterday	Enter the number of days to set the date range for fulfillments in the report. For example, if you set the prompt to 365, the report returns a list of fulfillments created in the last year (between today and the prior 365 days). Default: 1 day.

Report Attributes

The table, below, lists the attributes included in the Fulfillments Created in Last X Days report.

Attribute	Description
Account ID	A unique name of an organization's account as defined in FlexNet Operations. (For example, Stark International Enterprises.)
Account Name	A display name for an organization's account as defined in FlexNet Operations. (For example, Stark.)
Ordered Product Name	The name of the product or suite as defined in FlexNet Operations.
Ordered Product Version	The version of the product or suite as defined in FlexNet Operations.

Attribute	Description
Part Number	The part number to which the fulfillment is linked, if any.
Entitlement ID	The unique identifier of the entitlement as defined by FlexNet Operations.
Line Item Activation ID	The unique identifier of the entitlement line item as defined in FlexNet Operations.
Line Item Current State	The state of the line item: Deployed, Inactive, or Obsolete.
Fulfillment ID	A unique identifier for the fulfillment record.
Fulfillment Status	The state of the fulfillment record: ACTIVE or OBSOLETE.
Activation Type	The method of activation. Activation Type can be SHORTCODE, MANUAL, PROGRAMMATIC, CERTIFICATE, TRUSTED, EMBEDDED, or CUSTOM. • **SHORTCODE**—Trusted storage fulfillment records generated using short code activation. • **MANUAL**—Trusted storage fulfillment records generated using manual (or offline activation) processing of the request and response XML files. • **PROGRAMMATIC**—Trusted storage fulfillment records generated using regular online activation from the client. • **CERTIFICATE**—Certificate licenses. • **TRUSTED**—Legacy trusted storage fulfillment records which do not have specific information about how they were activated. • **EMBEDDED**—Licenses generated using FlexNet Embedded for hardware devices. • **CUSTOM**—Fulfillment records that belong to any non-FlexNet licensing technology.

Attribute	Description
Lifecycle Status	The lifecycle support action on the fulfillment record, if any. Lifecycle Status can be MASTER, DELETE, RETURN, REHOST, REPAIR, REINSTALL, RENEW, EMERGENCY, STOPGAP, TRANSFER, UPGRADE, UPSELL, PUBLISHER_ERROR, or NULL (blank). • **MASTER**—A new fulfillment record. No support lifecycle operations have been performed on this fulfillment. • **RETURN**—A fulfillment record that has been returned. • **REHOST**—A fulfillment record that has been rehosted. • **REPAIR**—A fulfillment record that has been repaired. • **REINSTALL**—A fulfillment record that has been reinstalled. • **RENEW**—A fulfillment record that has been renewed to another fulfillment record. • **EMERGENCY**—A fulfillment record that was created as an emergency license. • **STOPGAP**—A fulfillment record that was created as a stop gap license. • **UPGRADE**—A fulfillment record that was upgraded to another fulfillment record. • **UPSELL**—A fulfillment record that was upsold to another fulfillment record. • **DELETE**—A fulfillment that was deleted. Deleted fulfillments do not appear in the Producer Portal or the End-User Portal. • **PUBLISHER_ERROR**—A fulfillment flagged by the producer as an error. • **TRANSFER**—A fulfillment record that has been transfered to a different account.
Platform Type	The platform on which the license was activated, if available. Platform Type can be any of the supported platform types reported by the FlexNet client, such as i86n3 (Windows), i86re3 (Linux), Mac, and so forth. If the client did not report a platform type, this report shows UNKNOWN.

Attribute	Description
Fulfillment Source	The activation process used for fulfillment. Fulfillment Source can be ONLINE, APPLICATION, or LEGACY. • **ONLINE**—For fulfillment records generated using web services. • **APPLICATION**—For fulfillment records generated using the FlexNet Operations user interface. • **LEGACY**—Used for legacy fulfillment records that do not have information about how the fulfillment records were generated.
Host ID	The host on which the license was activated. • For certificate licenses, Host ID is the usual host identifier (such as INTERNET=64.0.0.1). • For trusted licenses, Host ID is UMN or Machine Identifier. • For non-FlexNet technologies, Host ID is the custom host identifier. ***Note** ▪ See "Special Host ID Types" in the FlexNet Operations User Guide for more information about host ID types.*
Active Fulfillment Count	The number of active fulfillments for a given ordered product.
Obsolete Fulfillment Count	The number of fulfillments that were changed to obsolete.
Upgrade Fulfillment Count	The number of fulfillments generated from upgrade licenses (purchased as an upgrade from another product version).
Rehost Fulfillment Count	The number of fulfillments of a given ordered product that were rehosted.
Return Fulfillment Count	The number of fulfillments of a given ordered product that were returned.
Repair Fulfillment Count	The number of fulfillments that had to be repaired. (FlexNet Operations supports the repair operation for both trusted and certificate licenses.)
Reinstall Fulfillment Count	The number of fulfillments that were reinstalled. (Reinstalls are relevant only for trusted storage licenses. A trust storage activation request coming from the same machine for the same activation ID is deemed a reinstall.)
Upsell Fulfillment Count	The number of fulfillments generated from upsell licenses (purchased as an upsell from another product).
Stop Gap Fulfillment Count	The number of fulfillments generated as stop gap licenses. (Stop gap fulfillments are supported only for certificate and custom licenses.)

Attribute	Description
Emergency Fulfillment Count	The number of fulfillments generated for emergency purposes. (Emergency fulfillments are supported only for certificate and custom licenses.)
Transfered Fulfillment Count	The number of fulfillments transfered to another customer.
Obsoleted Fulfillment Count	The number of fulfillments that were obsoleted for a given ordered product due to an upgrade, rehost, return, repair, or transfer.
Net Fulfillment Count	The net number of fulfillments for a given ordered product, computed as Active Fulfillment Count minus Obsoleted Fulfillment Count.

Report Sample

The images, below, show a sample of the Fulfillments Created in Last X Days report.

This sample appears in multiple images because the report itself is too wide to fit the page. Sequentially, they show a full sample of the Fulfillments Created in Last X Days report from Account ID through Line Item Current State, from Fulfillment ID through Host ID, and from Active Fulfillment Count through Net Fulfillment Count.

FUL - Fulfillments Created in Last X Days

Account ID	Account Name	Ordered Product Name	Ordered Product Version	Part Number	Entitlement Id	Line Item Activation Id	Order Id	Line Item Current State	Fulfi
Generic_Cust_Org	Generic_Cust_Org	Gen_Extract_Cert_Base	1.1	Gen-Part1	Gen_Extract_Cert_Ent1	Gen_Extract_Cert_Act1		DEPLOYED	GC
Generic_Cust_Org	Generic_Cust_Org	Gen_Extract_Cert_Base	1.1	Gen-Part1	Gen_Extract_Cert_Ent1	Gen_Extract_Cert_Act1		DEPLOYED	GC
Generic_Cust_Org	Generic_Cust_Org	Gen_Extract_Cert_Base	1.1	Gen-Part1	Gen_Extract_Cert_Ent1	Gen_Extract_Cert_Act1		DEPLOYED	GCO
Generic_Cust_Org	Generic_Cust_Org	Gen_Extract_Cert_Base	1.1	Gen-Part1	Gen_Extract_Cert_Ent1	Gen_Extract_Cert_Act1		DEPLOYED	GCO
Generic_Cust_Org	Generic_Cust_Org	Gen_Extract_Cert_Base	1.1	Gen-Part1	Gen_Extract_Cert_Ent1	Gen_Extract_Cert_Act1		DEPLOYED	GCO
Generic_Cust_Org	Generic_Cust_Org	Gen_Extract_Cert_Base	1.1	Gen-Part1	Gen_Extract_Cert_Ent1	Gen_Extract_Cert_Act1		DEPLOYED	G
Generic_Cust_Org	Generic_Cust_Org	Gen_Extract_Cert_Base	1.1	Gen-Part1	Gen_Extract_Cert_Ent1	Gen_Extract_Cert_Act1		DEPLOYED	GCO
Generic_Cust_Org	Generic_Cust_Org	Gen_Extract_Cert_Base	1.1	Gen-Part1	Gen_Extract_Cert_Ent1	Gen_Extract_Cert_Act1		DEPLOYED	GCO
Generic_Cust_Org	Generic_Cust_Org	Gen_Extract_Cert_Base	1.1	Gen-Part1	Gen_Extract_Cert_Ent1	Gen_Extract_Cert_Act1		DEPLOYED	GCO
Generic_Cust_Org	Generic_Cust_Org	Gen_Extract_Cert_Base	1.1	Gen-Part1	Gen_Extract_Cert_Ent1	Gen_Extract_Cert_Act1		DEPLOYED	GC
Generic_Cust_Org	Generic_Cust_Org	Gen_Extract_Cert_Base	1.1	Gen-Part1	Gen_Extract_Cert_Ent1	Gen_Extract_Cert__Ren_Act1		DEPLOYED	GCO
TWORG_ID	TWORG_NAME2	TWprod	1.0	PN-TW	twuat1	twuat1-1	10100	DEPLOYED	TWO
TWORG_ID	TWORG_NAME2	TWprod	1.0	PN-TW	twuat1	twuat1-1	10100	DEPLOYED	TW
WILY	Wily Coyote Corporation	S_pro_1	1.0	S_PN_1	S_Ent_1	S_Ent_1_Act_1		DEPLOYED	WIL
WILY	Wily Coyote Corporation	S_pro_1	1.0	S_PN_1	S_Ent_1	S_Ent_1_Act_1_17		DEPLOYED	WI
WILY	Wily Coyote Corporation	S_pro_1	1.0	S_PN_1	S_Ent_1	S_Ent_1_Act_2		DEPLOYED	WIL
WILY	Wily Coyote Corporation	S_pro_1	1.0	S_PN_1	S_Ent_1	S_Ent_1_Act_2		DEPLOYED	WILY
WILY	Wily Coyote Corporation	S_pro_1	1.0	S_PN_1	S_Ent_1	S_Ent_1_Act_2		DEPLOYED	WI
WILY	Wily Coyote Corporation	S_pro_1	1.0	S_PN_1	S_Ent_1	S_Ent_1_Act_2		DEPLOYED	W

em t State	Fulfillment Id	Fulfillment Status	Activation Type	Lifecycle Status	Platform Type	Fulfillment Source	Host Id	Active Fulfillment Count
ED	GCO-GECB-0193-52E0-7F15-161	ACTIVE	CERTIFICATE	EMERGENCY	UNKNOWN	APPLICATION	COMPOSITE=52	
YED	GCO-GECB-32c3-6277-9E15-161	OBSOLETE	CERTIFICATE	REHOST	UNKNOWN	APPLICATION	COMPOSITE=51	
YED	GCO-GECB-7eb7-42B7-E015-161	ACTIVE	CERTIFICATE	STOPGAP	UNKNOWN	APPLICATION	COMPOSITE=51	
ED	GCO-GECB-8ae5-22A4-3015-161	ACTIVE	CERTIFICATE		UNKNOWN	APPLICATION	COMPOSITE=50	2
YED	GCO-GECB-aa0a-52E0-C715-161	OBSOLETE	CERTIFICATE	RETURN	UNKNOWN	APPLICATION	COMPOSITE=51	3
YED	GCO-GECB-b43c-a48A-9915-161	ACTIVE	CERTIFICATE		UNKNOWN	APPLICATION	COMPOSITE=6	
YED	GCO-GECB-d55e-3246-5E15-161	OBSOLETE	CERTIFICATE	REPAIR	UNKNOWN	APPLICATION	COMPOSITE=51	3
OYED	GCO-GECB-e11e-62AC-EE15-161	OBSOLETE	CERTIFICATE	UPGRADE	UNKNOWN	APPLICATION	COMPOSITE=6	2
OYED	GCO-GECB-ecbe-84F9-FF15-161	OBSOLETE	CERTIFICATE	UPSELL	UNKNOWN	APPLICATION	COMPOSITE=6	2
D	GCO-GECB-edf1-a43A-4515-161	OBSOLETE	CERTIFICATE	RENEW	UNKNOWN	APPLICATION	COMPOSITE=6	
YED	GCO-GECB-bb1c-a46A-2A15-161	ACTIVE	CERTIFICATE		UNKNOWN	APPLICATION	COMPOSITE=6	
YED	TWORGID-TW-e35f-c750-9A33-161	ACTIVE	CERTIFICATE		UNKNOWN	APPLICATION	HOSTNAME=ASD	
ED	TWORGID-TW-f080-aaC3-91b9-161	ACTIVE	CERTIFICATE		UNKNOWN	APPLICATION	HOSTNAME=ASD	
ED	WILY-Sr-d821-c751-5C3e-f51	ACTIVE	CERTIFICATE		UNKNOWN	APPLICATION	COMPOSITE=54	2
ED	WILY-Sr-80c3-b815-343e-f51	ACTIVE	CERTIFICATE		UNKNOWN	APPLICATION	COMPOSITE=9	
OYED	WILY-Sr-12b3-58EE-113e-f51	OBSOLETE	CERTIFICATE	REPAIR	UNKNOWN	APPLICATION	COMPOSITE=7	8
OYED	WILY-Sr-376b-7843-C53e-f51	ACTIVE	CERTIFICATE		UNKNOWN	APPLICATION	COMPOSITE=8	1
YED	WILY-Sr-4669-58D4-843e-f51	OBSOLETE	CERTIFICATE	REHOST	UNKNOWN	APPLICATION	COMPOSITE=7	
ED	WILY-Sr-6d65-b816-103e-f51	ACTIVE	CERTIFICATE		UNKNOWN	APPLICATION	COMPOSITE=9	

Active Fulfillment Count	Obsolete Fulfillment Count	Upgrade Fulfillment Count	Rehost Fulfillment Count	Return Fulfillment Count	Repair Fulfillment Count	Reinstall Fulfillment Count	Upsell Fulfillment Count	Stop Gap Fulfillment Count	Emergency Fulfillment Count	Transfered Fulfillment Count	Obsoleted Fulfillment Count	Net Fulfillment Count
0	0	0	0	0	0	0	0	0	30	0	0	0
29	29	0	29	0	0	0	0	0	0	0	29	0
0	0	0	0	0	0	0	0	30	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	20
30	1	0	0	1	0	0	0	0	0	0	1	29
14	0	0	0	0	0	0	0	0	0	0	0	14
30	30	0	0	0	30	0	0	0	0	0	30	0
29	5	5	0	0	0	0	0	0	0	0	5	24
24	0	0	0	0	0	0	5	0	0	0	5	19
19	0	0	0	0	0	0	0	0	0	0	5	14
5	0	0	0	0	0	0	0	0	0	0	0	5
2	0	0	0	0	0	0	0	0	0	0	0	2
1	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	24
3	0	0	0	0	0	0	0	0	0	0	0	3
80	80	0	0	0	80	0	0	0	0	0	80	0
10	0	0	0	0	0	0	0	0	0	0	0	10
80	10	0	10	0	0	0	0	0	0	0	10	70
1	0	0	0	0	0	0	0	0	0	0	0	1

Figure 3-5: FUL-Fulfillments Created in Last X Days Report

FUL-Fulfillments with Returns/Rehosts/Reinstallations

The Fulfillments with Returns/Rehosts/Reinstallations report shows the number of returns, rehosts, and reinstallations for each account's ordered products.

Report Prompts

This report has prompts to limit the fulfillments in the report by their creation date and by their account name.

Prompt	Description
Enter Earliest Fulfillment Create Date	Required. Click the Calendar button to set the date. In the Calendar popup, click **Today** to set to the current date. Default: 01 January 1970.
Enter Last Fulfillment Create Date	Required. Click the Calendar button to set the date. In the Calendar popup, click **Today** to set to the current date. Default: 31 December 9999.
Enter Account Name	Optional. The name or partial name for the account. Use % as a wildcard character. This prompt is not case sensitive. If you do not enter a value for the account name, Reporter does not restrict report content by account name.

Report Attributes

The Fulfillments with Returns/Rehosts/Reinstallations report includes eight attributes and shows rehost, return, and reinstall counts by account and product.

Attribute	Description
Account ID	A unique name of an organization's account as defined in FlexNet Operations. (For example, Stark International Enterprises.)
Account Name	A display name for an organization's account as defined in FlexNet Operations. (For example, Stark.)
Ordered Product Name	The name of the product or suite as defined in FlexNet Operations.
Ordered Product Version	The version of the product or suite as defined in FlexNet Operations.
Rehost Fulfillment Count	The number of fulfillments of a given ordered product that were rehosted.
Return Fulfillment Count	The number of fulfillments of a given ordered product that were returned.

Attribute	Description
Reinstall Fulfillment Count	The number of fulfillments that were reinstalled. (Reinstalls are relevant only for trusted storage licenses. A trust storage activation request coming from the same machine for the same activation ID is deemed a reinstall.)
Total Return/Rehost/Reinstall	The sum of fulfillments that were returned, rehosted, or reinstalled for a given ordered product.

Report Sample

FUL - Fulfillments with Returns/Rehosts/Reinstallations

Account ID	Account Name	Ordered Product Name	Ordered Product Version	Rehost Fulfillment Count	Return Fulfillment Count	Reinstall Fulfillment Count	Total Rehost / Return / Reinstall
UNKNOWN_ORG_	Information Not Available	test23	1.0	0	16,022	0	16,022
AS_Customer_01	AS_Customer_01	FNP_Trusted_ServerActivation	1.0	0	5,002	0	5,002
AS_Customer_01	AS_Customer_01	FNP_Trusted_ServerActivation_Windows	1.0	0	1,001	0	1,001
ACC_LS_FEB3_CC	ACC_LS_FEB3_CON_IN_HEAL	PROD1_FEB3	1.0	0	160	0	160
UNKNOWN_ORG_	Information Not Available	PR1	1.0	0	101	0	101
ACME	Software Corporation	FT3	1.0	0	100	0	100
ACC_LS_FEB3_RE	ACC_LS_FEB3_REN_IN_HEAL	PROD1_FEB3	1.0	0	80	0	80
ACC_LS_FEB3_RE	ACC_LS_FEB3_REN_IN_RISK	PROD1_FEB3	1.0	0	80	0	80
ACC_LS_FEB3_RE	ACC_LS_FEB3_REN_IN_WARN	PROD1_FEB3	1.0	0	50	0	50
ACC_LS_FEB3_ST	ACC_LS_FEB3_STEP7	PROD1_FEB3	1.0	0	50	0	50
Generic_Cust_Org	Generic_Cust_Org	Gen_SOAP_31Jan_Prod1	1.1	35	7	0	42

Figure 3-6: FUL-Fulfillments with Returns/Rehosts/Reinstallations Report

PRD-Product Created in Last X Days

The Product Created in Last X Days report allows you to set a product-creation date range and a product name and version to show matching products with their current status and their actual creation dates.

Report Prompts

This report has prompts to limit the products in the report by their creation date and by their account name.

Prompt	Description
Products Created Between Today - ? Days and Yesterday	Enter the number of days to set the date range for the report. For example, if you set the prompt to 365, the report returns a list of products created in the last year (between yesterday and the 365 days prior). Default: 10 days.

Prompt	Description
Product Name and Version Matches	Required. The name or partial name and version for the product. Use * as a wildcard character. To set a specific product name and version, enter *<product_name>*::*<version>*. For example, **`PhotoPrint::1.0`** or **`Photo*`**. Default: *

Report Attributes

The Products Created in Last X Days report shows only four attributes in the report output: Product Name, Product Name and Version, Product Status, and Product Create Date.

The report shows the products and versions that meet the criteria expressed in your report prompts along with their current status and creation date.

Attribute	Description
Product Name	The name of the product.
Product Name and Version	The combined product name and version in the format *`productname::version`*.
Product Status	The current status of the product. A product's status can be Active, Inactive, or Missing. Products that are deleted have an Inactive value for Product Status. Missing is a special value used to facilitate reporting on entire product categories and showing download packages that have no parent product.)
Product Create Date	The month, day, and year in which the product was created.

Report Sample

The image, below, shows a sample of the Products Created in Last X Days report.

PRD - Product Created In Last X Days

Product Name	Product Name and Version	Product Status	Product Create Date
3STS_pro1	3STS_pro1::1.0	Active	02/20/2018
DELIVERS_ONE_COUNTED	DELIVERS_ONE_COUNTED::1.0	Active	02/27/2018
FNE_BASE_FOR_UPGRADE	FNE_BASE_FOR_UPGRADE::1.0	Active	02/27/2018
FNE_UPGRADE	FNE_UPGRADE::2.0	Active	02/27/2018
ksaurabh_1p	ksaurabh_1p::1.0	Active	02/26/2018
PRO_3Svr1	PRO_3Svr1::1.0	Active	02/20/2018
PRO_3Svr2	PRO_3Svr2::1.0	Active	02/20/2018
RF_SANITY_wsProd_1519283078457	RF_SANITY_wsProd_1519283078457::1.0	Active	02/21/2018
RF_SANITY_wsProd_1519284377041	RF_SANITY_wsProd_1519284377041::1.0	Active	02/21/2018
RF_SANITY_wsProd_1519695847296	RF_SANITY_wsProd_1519695847296::1.0	Active	02/26/2018
RF_SANITY_wsProd_1519698704888	RF_SANITY_wsProd_1519698704888::1.0	Active	02/26/2018
RF_SANITY_wsProd_1519868639818	RF_SANITY_wsProd_1519868639818::1.0	Active	02/28/2018

Figure 3-7: Products Created in Last X Days Report