



## CHAPTER 3

# Using the Cisco Service Control Application Reporter

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This chapter explains how to use the Cisco Service Control Application Reporter (SCA Reporter) GUI, which includes navigating and configuring.

## Navigating in the Reporter: Views

You can navigate to template groups, report templates, and report instances in the Templates view. When you select an item in the Templates view, the Properties view shows its properties.

You can add the report instances that are used frequently to favorites and view them in the Favorites view.

When you generate a report, a report view opens. The Hierarchy view displays a hierarchy of all the chart items included in the report and the Properties view shows the chart display properties of the report. To view the report instance properties, select the report instance in the Templates view. If necessary, you can locate the report instance that generated the report by choosing the drop-down menu item **Go to report**.

Each report view has the name of the report instance that generated the view. For example, a report may be named **Global Bandwidth per Service #1**. You can rename the report instance in the Templates or Favorites view.

By default, each report view shows the chart of the report. You can view the raw data by clicking the Table tab.

- [Viewing Menu Items, page 3-1](#)
- [Configuring Properties, page 3-2](#)
- [Properties View, page 3-3](#)

## Viewing Menu Items

The GUI has a drop-down menu for each view, which displays all available actions for that view. Some commonly used actions have icons for easy navigation.

The GUI also has a popup menu for each view. Right-click the tab of a view, and select an option to personalize the layout of the SCA Reporter window. Some of the available actions are:

- **Detached**—Detach a view and move it over the SCA Reporter window
- **Move**—Move a view or a tab group




- Size—Change the size of a pane

## Configuring Properties

Before generating a report, you can modify the values of the report instance properties. The new values are saved and applied the next time the report is generated.


You can also modify the values of chart display properties. For chart display properties, the value is applied at once.

Types of properties include:

- No Value—When no value is assigned, **(not set)** is displayed. Mandatory properties that have no default value display as  **(not set)**.
- Free Text—You can enter any text string.
- Boolean—The value toggles between True and False.
- Date—Click the  icon to open a Choose Date and Time dialog box.
- Single Choice—Click the  icon to open a drop-down menu.








**Note** If there are less than five items in the list, a drop-down menu opens. If there are five or more items, a list box opens

- Multiple Choice—Click the  icon to open a dialog box where more than one value can be checked.

The icons of the Multiple Choice dialog box are described in [Table 3-1](#).

**Table 3-1 Multiple Choice Dialog Box Options**

Icon	Option	Description
	Select All	Select all values.
	Invert Selection	Uncheck the checked boxes and check the unchecked.
	Select None	Uncheck all boxes.
	Cancel	Exit the Multiple Choice dialog box without saving.
	OK	Save and exit the Multiple Choice dialog box.






**Note**

Some properties are mutually exclusive. The properties **From the last number of hours** and **Starting after date and time** cannot both be implemented, even if both are selected.

Therefore, if you want to define the time frame to begin at a specified time, select **Starting after date**. Even if **From the last number of hours** is also chosen, the report time frame will be according to the date and time values.

## Properties View

The Properties view always shows the properties of the item that is selected in the view in focus. You can control how the properties are displayed by clicking on one of the following buttons:

-  (**Show Categories**)—To view the properties with or without their categories
-  (**Show Advanced Properties**)—To view all properties or only basic properties
-  (**Restore Default Value**)—To reset a selected property to its default value:
  - When a property is optional, it is unset.
  - When a property is mandatory and has a default value, it is reset to the default value.
  - When a property is mandatory and does not have a default value, the value is not changed.

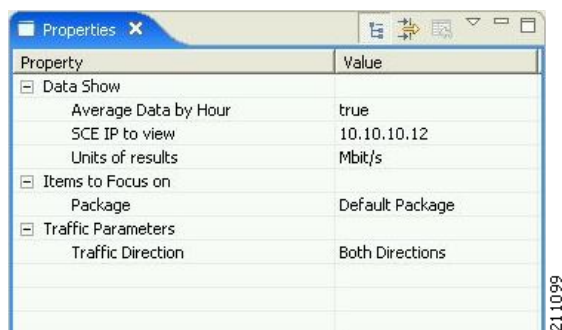
To change the value of a property, select the property and reconfigure it (see [How to Configure the Properties of a Report Instance, page 4-5](#) and [Configuring the Properties of a Chart Display, page 5-11](#)). Then re-execute the report instance so that the new report will appear with the new configuration.

The following example uses the “Package Bandwidth per Service” report template.

## How to Change the Display of Properties in the Properties View

**Step 1** In the Templates view, select a report template and create a report instance.

The Properties view displays the report instance properties.

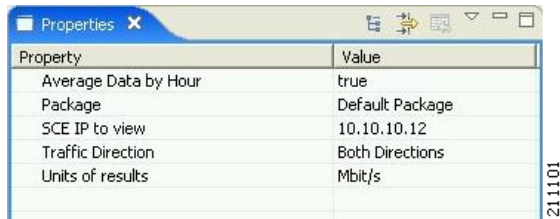


Property	Value
<input checked="" type="checkbox"/> Data Show	
Average Data by Hour	true
SCE IP to view	10.10.10.12
Units of results	Mbit/s
<input checked="" type="checkbox"/> Items to Focus on	
Package	Default Package
<input checked="" type="checkbox"/> Traffic Parameters	
Traffic Direction	Both Directions


By default, the property categories are displayed and advanced properties are not displayed.

**Step 2** Click  (**Show Categories**).

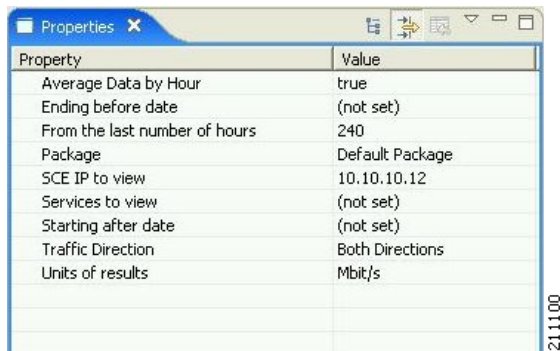
The display of property categories is toggled off.



Property	Value
Average Data by Hour	true
Package	Default Package
SCE IP to view	10.10.10.12
Traffic Direction	Both Directions
Units of results	Mbit/s

**Step 3** Click  (Show Advanced Properties).

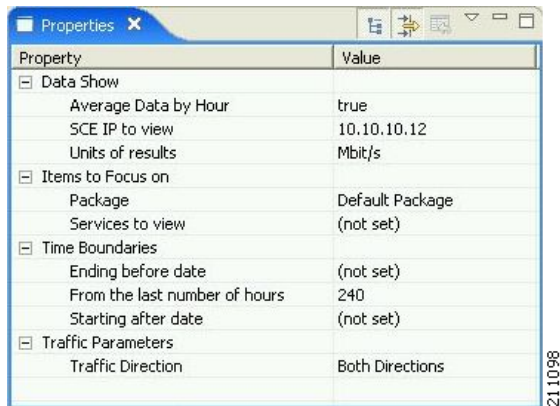
All properties are displayed.



Property	Value
Average Data by Hour	true
Ending before date	(not set)
From the last number of hours	240
Package	Default Package
SCE IP to view	10.10.10.12
Services to view	(not set)
Starting after date	(not set)
Traffic Direction	Both Directions
Units of results	Mbit/s

**Step 4** Click  (Show Categories).

The display of property categories is toggled on.



Property	Value
<input checked="" type="checkbox"/> Data Show	
Average Data by Hour	true
SCE IP to view	10.10.10.12
Units of results	Mbit/s
<input checked="" type="checkbox"/> Items to Focus on	
Package	Default Package
Services to view	(not set)
<input checked="" type="checkbox"/> Time Boundaries	
Ending before date	(not set)
From the last number of hours	240
Starting after date	(not set)
<input checked="" type="checkbox"/> Traffic Parameters	
Traffic Direction	Both Directions