CA Spectrum®

Report Manager User Guide

9.2.3

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CA Technologies Product References

This document references the following CA Technologies products:

- CA Spectrum® (CA Spectrum)
- CA Spectrum® Report Manager (Report Manager)
- CA Spectrum® IP Routing Manager
- CA Spectrum® Service Performance Manager (SPM)
- CA Spectrum® Network Configuration Manager (NCM)
- CA Business Intelligence (CABI)

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Contents

Chapter 1: About CA Spectrum Reporting

This section contains the following topics:

Overview

CA Spectrum Reporting provides an analysis of the inventory, availability, changes, performance, and fault history of the network assets that are managed in CA Spectrum. You can share reports throughout the enterprise. CA Spectrum Reporting compiles the required data and presents it in a specified format.

The CA Spectrum Reporting data server extracts data from the CA Spectrum knowledge base and stores it in the reporting database. You can generate reports that provide information on various aspects of network assets that are relevant to an organization. CA Spectrum Reporting addresses the information requirements of not only the Information Technology (IT) group, but also of other groups in your organization.

CA Spectrum Reporting helps you make informed decisions on IT assets and provides the following information:

- Assets that have the most issues.
- Events and Alarms that recur frequently.
- Number of routers or other gateway devices from a specific vendor that are deployed in the network.
- Devices that are the most and least frequently offline.
- Modified and deleted assets.

Report Customization

CA Spectrum Reporting lets you customize and specify the type of content to include in reports. You can specify how the data is organized and represented using text and graphics. Customization features include the following options:

- Detailed or summary versions of the asset information. Detailed information includes sub views for report items such as devices, ports, or vendors.
- Information that is organized by asset type, landscape, vendor, or global collections.
- Historical period—asset information from an earlier day, week, month, year, a specific date range, or business day hours.

- Report layout—title, subtitle, header and footer text, and sort order.
- Charts and graphs.
- Do-it-yourself Ad Hoc reports.

  For more information, see Generating Ad Hoc Reports (see page 27).

Report Scheduling

CA Spectrum Reporting lets you set up, save, and schedule reports to run on a one-time or periodic basis. When you schedule a report, CA Spectrum Reporting automatically generates it at the time you specify and saves the report results. You can schedule reports for other users and also configure email reports to any number of recipients.

Reports On Demand

Running reports interactively, or on demand, provides the flexibility to generate the most recent and required information. The report on demand feature lets you perform the following actions:

- Experiment with various report types and configurations. Testing can be performed to select the reports that you want to schedule.
- Investigate acute problems or trends that occur in an IT infrastructure by generating reports over various intervals and settings.

Ad Hoc Reports

The CA Spectrum Ad Hoc Reporting feature enables you to define your own reports. CA Spectrum Ad Hoc Reporting lets you drag-and-drop data objects to construct reports that are specific to your environment. The data objects that are available in the Ad Hoc environment represent a significant subset of CA Spectrum attributes that support a wide range of custom reporting requirements.

CA Spectrum Ad Hoc Reporting lets you define all aspects of a report. You can select the data objects, parameters, and layout, using WEBI features.

For more information, see Generating Ad Hoc Reports (see page 27).

Report Publishing

CA Spectrum Reporting lets you print and save reports in the following formats that accommodate the publishing, presentation, and recordkeeping requirements of your organization:

- Microsoft® Excel®
- Microsoft® Word®
- PDF
- RTF
- XML
- Crystal Reports® (RPT)
- Comma-separated values (CSV)

Report Types

To accommodate the diverse information requirements in your organization, you can generate various reports. CA Spectrum reports are grouped into report packs. Each report pack includes predefined reports that provide a specific type of information about your network assets.

Standard report packs include the following types of reports:

- **Alarm**

  Alarm reports generate historical information about alarm events for assets in the IT infrastructure. Alarm reports can assess the network health, identify alarm trends, find recurring or cyclical problems, and locate assets with past alarms.

- **Asset**

  Asset reports generate information about the inventory of assets in the IT infrastructure, including information on asset port availability and asset firmware versions. Asset reports can be used to determine how vendor products are distributed throughout the infrastructure. You can assess whether they are being used effectively and can identify opportunities for improvement.

- **Availability**

  Availability reports provide historical information about uptime and downtime for assets in the IT infrastructure. A Projected-Availability report lets you determine the downtime that assets can sustain before they violate a threshold or SLA.

  Note: Consult a CA Spectrum Reporting administrator for information about exemptions for planned outages or outages that occur on holidays.

- **Event**

  Event reports provide information about CA Spectrum events that are generated for CA Spectrum models. You can generate event reports for all models or for selected models. You can also generate reports that contain ranked lists of the most frequently occurring events during specific time periods. Event filtering options let you supply event codes to include or exclude from all event reports.

Upgrade reports include the following reports:

- **Legacy Reports**

  Legacy reports are scheduled reports that are migrated from previous CA Spectrum Reporting versions during an upgrade.

CA Spectrum Reporting also supports the following optional report packs:

- **Network Configuration Management (NCM)**

  Network Configuration Management (NCM) reports provide information about network configuration activities that NCM recorded. For more information, see the *CA Spectrum Network Configuration Manager User Guide*.

  Note: NCM must be installed with OneClick to enable the NCM reports.

- **Response Time**

  Response Time reports provide information about response time test results and analysis that CA Spectrum Service Performance Manager compiled. The Response Time report pack includes trend and exception reports which help you troubleshoot response time issues before they become problems for end users. Reports graphically depict past performance and trends in response times. Exception or Top N reports detail the areas where proactive action can be taken to avoid critical issues. For more information, see the *CA Spectrum Service Performance Manager User Guide*.

  Note: CA Spectrum Service Performance Manager must be installed with OneClick to enable the Response Time reports.

- **Service and SLA**

  Service and SLA reports provide summary and historical information about service and Service Level Agreements (SLAs). The reports focus on service customer models that are created and managed with CA Spectrum Service Manager. Service and SLA reports enable you to track service assets, gauge service health, and analyze results to determine how to improve service performance.

  Note: Service Manager must be installed with OneClick to enable the Service and SLA reports.

- **Virtual Private LAN Service (VPLS) Reports** (available if the CA Spectrum VPLS Manager application is installed with OneClick)

  CA Spectrum VPLS Manager is a CA Spectrum add-on management application for service providers who are deploying VPLS technology. By integrating CA Spectrum VPLS Manager with CA Spectrum Reporting, you can view reports for monitoring the health of your VPLS environment. For more information, see the *CA Spectrum VPLS Manager Guide*.

More Information

Using Reports (see page 17)

Chapter 2: About CA Business Intelligence

This section contains the following topics:

Introducing CA Business Intelligence (CABI)

CA Spectrum Reporting uses CA Business Intelligence (CABI) to display reports.

CABI is a reporting and analytic software package that CA Spectrum and other CA products use to present information and support business decisions. CA Spectrum uses CABI to integrate, analyze, and present information that is required for effective enterprise IT management, through reports.

CABI is composed of SAP BusinessObjects Enterprise XI, with a set of tools for information management, reporting, querying, and analysis.

CABI installs SAP BusinessObjects Enterprise XI (BOXI) as a standalone component. The installation runs independently and enables other CA products to share Business Intelligence services. CABI installation is a distinct activity within the overall CA product installation process.

For more information, see the *CA Business Intelligence Implementation Guide* and the *CA Business Intelligence Release Notes.*

Introducing BusinessObjects Enterprise XI (BOXI)

CA Business Intelligence packages and delivers BusinessObjects Enterprise XI (BOXI). BOXI is a flexible, scalable, and reliable business intelligence reporting system that can be integrated into an information technology infrastructure.

CA Spectrum uses an extensive set of business intelligence capabilities that include reporting, querying, and analyzing using BusinessObjects Enterprise technology. CA Spectrum uses the following reporting technologies that BusinessObjects Enterprise offers:

-  Crystal Reports®, a common reporting framework enables CA products to deliver reports through BusinessObjects Enterprise Crystal Reports Viewer. Reports from the Crystal Reports framework have the Crystal Reports icon.
-  BusinessObjects Web Intelligence® (WEBI) is an improvised query and analysis tool for easy data access, exploration, and interaction. The WEBI drag-and-drop interface lets you construct your own reports. Reports from the WEBI interface have the WEBI icon.

Introducing InfoView

BusinessObjects Enterprise InfoView (InfoView) is a web-based interface that lets you manage reports with the following features:

- Browsing and searching capabilities.
- Content access (creating, editing, and viewing).
- Content scheduling and publishing.

InfoView functions like a Windows application rather than a simple web application. The InfoView toolbar dynamically changes to provide actions through context menus that are consistent with the function you want to perform. Report structures are consistent and provide security and authorizations.

InfoView also provides access to the Web Intelligence (WEBI) designer. The WEBI designer lets you create customized reports with a simple drag-and-drop interface. Custom data object selection with effective filtering options enables reporting capabilities for your environment. You can use Preferences to personalize your InfoView start page, specify viewing options, and perform other tasks.

You can use Preferences to personalize your InfoView start page, specify viewing options, and perform other tasks. For more information, see the *CA Business Intelligence Implementation Guide*.

What Does InfoView Replace?

Before CA Spectrum r9.2, CA Spectrum Reporting used a proprietary, custom user interface, and folder organization.

CA Spectrum Reporting functions are now available through CA BusinessObjects Enterprise XI InfoView. The primary benefit of InfoView is that most CA products with reporting capabilities are presented in a consistent way. With InfoView, CA products use the report content that is stored in a common repository. The common InfoView interface ensures that the CA Reports are run and scheduled in the same manner.

Chapter 3: Using Reports

This section contains the following topics:

Use InfoView to Generate Reports

You can access InfoView from the OneClick home page to generate and manage reports.

Consult your OneClick administrator for the following information:

- Supported Web browsers.
- BOXI login credentials to access InfoView.

Follow these steps:

1. Log in to OneClick.

2. Click the InfoView tab in the OneClick Console.

   The CA BusinessObjects InfoView window opens.

   Note: You can also open InfoView directly from a Web browser to access CA Spectrum reports. The typical URL format is as follows:

   `http://<hostname>/InfoViewApp`

3. Click the Document List folder.

   The Document List folder lets you view all InfoView reports, including CA Spectrum reports.

4. Select the Public Folders, and then CA Reports.

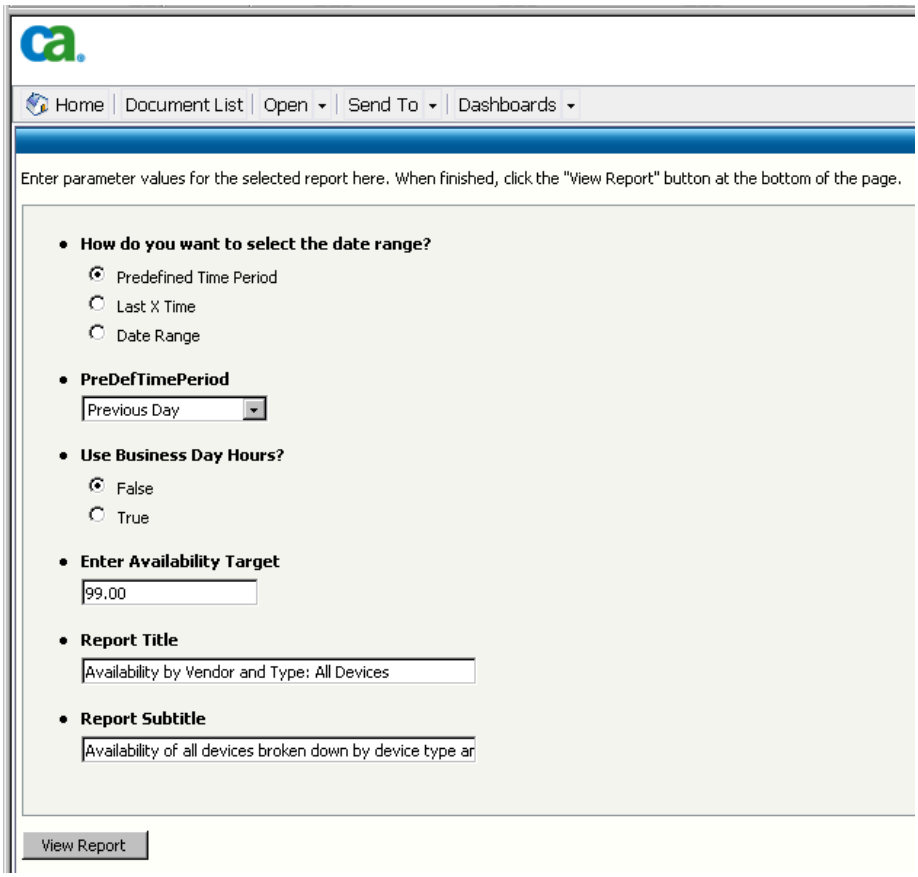
   Note: You can set the CA Reports folder as the InfoView start page through the Preferences section. For more information, see the *CA Business Intelligence Implementation Guide*.

5. Select CA Spectrum Reports.

   You can access report packs to which you have been granted rights. Consult your administrator for assistance if you cannot access a report pack.

6. Specify the parameter values for the selected report.

   The following image shows the parameter settings for an 'Availability by Vendor and Type: All Devices' report.



7. Click View Report.

   The report displays.

8. To Export/Save a report, click the Export icon and select the report type to save.

   The report is saved.

Understanding Report Parameters

When you generate a CA Spectrum report, a Parameter dialog lets you specify parameters applicable to the report.

All reports include a report title and subtitle that you can customize. Date range parameters let you generate reports that provide historical information on the availability of assets and their associated changes and problems.

Reports also include parameters for specifying graphical or tabular representations of information.

Usernames and Passwords

OneClick users are automatically added to BOXI. The default BOXI password is the username. Change the default password at your initial login.

If a default BOXI password is set, contact the Report Manager administrator to reset the password. For more information, see the *CA Spectrum Report Manager Installation and Administration Guide*.

The administrator can add users directly to BOXI using the Central Management Console (CMC). CMC is a web-based tool that offers a single interface to perform administrative tasks, including user, content, and server management. CMC lets you publish, organize, and set security levels for your BusinessObjects Enterprise content. For more information, see the *CA Business Intelligence Integration Guide*.

Generate a Report in a Secure Environment

In CA Spectrum Report Manager, model-based security is introduced to ensure that you can only report on models to which you have access. CA Spectrum Reporting honors the model-based security implementation that you have established in OneClick.

For CA Spectrum Reporting users that exist as OneClick users, user access resolution includes the following components:

- User security communities
- Landscape membership
- CA Spectrum Reporting View Data permission with a model landscape
- Security String to determine the model accessibility

The following picture illustrates the new access resolution process:

Note: For CA Spectrum Reporting users who lack corresponding OneClick accounts, unlimited reporting access to all models is initially provided.

If you have access to a model during the resolution process, you can effectively report on the model. If a model is inaccessible, any information pertaining to that model is absent from the reports (such as details associated with the model or model values in aggregations).

For more information, see the *CA Spectrum Report Manager Installation and Administration Guide*.

Displaying Graphical Elements in Reports

CA Spectrum Reporting lets you use graphical elements in many reports to represent various types of information on network assets. For example, frequency, proportion, and trends. You can use the graphical elements to generate reports that you plan to include in briefings and presentations for diverse (for example, technical and non-technical) audiences.

The following graphical elements are displayed in CA Spectrum reports.

Bar Graphs:

CA Spectrum Reports use bar graphs to display report results that indicate the volume and the relative frequency with which something occurred on an asset (such as, alarms) or comparative ranking of various assets (such as, availability).

A bar graph from an alarm report illustrates the number of alarms that occurred for a particular group of assets over a particular time period. The graph indicates the number and proportion of alarms for each asset in the group.

Pie Charts:

CA Spectrum Reports use pie charts to display the percentage breakdown of report results in terms of proportion.

For example, a pie chart displays the following assets:

- An equivalent proportion of switch-routers and switches.
- A greater proportion of routers.
- A small proportion of non-specific pingable devices in the network segment.

Line Charts:

CA Spectrum Reports use line charts in Response Time reports to graph continuous data over time. Line charts indicate fluctuations in latency measured in milliseconds over a specific time period.

Color Indicators:

CA Spectrum Reports use the condition color indicators for alarm severity and alarm entries in Alarm reports. A color scheme specific to CA Spectrum is used to indicate threshold compliance levels in Availability reports.

Schedule a Report

You can schedule a report from the Schedule window. To run scheduled reports correctly, select options on the Parameters page.

Follow these steps:

1. Log in to OneClick.
2. Click the InfoView tab in the OneClick Console.

   The CA BusinessObjects InfoView window opens.
3. Select Document List, Public Folders, CA Reports, and CA Spectrum.

   A list of CA Spectrum reports display.
4. Select a report.
5. Right-click and select Schedule.

   The Schedule window appears.
6. Click Parameters.

   The Parameters page displays.

   The Parameters page is dynamic and provides various fields depending on the report values required. The Parameters page also displays when you run a report on demand.
7. Specify the parameter values in the Parameter page, and click the 'Set Parameter Values' button.

   Note: If you do not select 'Set Parameter Values', the parameter values are not set on the report and the scheduled report fails to generate.
8. Click the Schedule button.

   The report is scheduled.

View Scheduled Reports

After you schedule a report, you can verify the schedule by checking scheduled instances of that report.

The history report can be set to show all instances, instances that you own, and instances that are completed. In addition, you can filter instances by time.

If multiple scheduled reports are created from the same on-demand report, all instances for the scheduled reports are listed. You can organize the instance list by sorting on the Title column.

Follow these steps:

1. Navigate to the CA BusinessObjects InfoView window.
2. Select Document List, Public Folders, CA Reports, and CA Spectrum.

   A list of CA Spectrum reports display.
3. Select the report.
4. Right-click and select History.

   The History window shows a history of scheduled instances for that report.

Print a Report

You can print any report from the report view, from a duplicate report view, and from a report subview. During the printing setup process, CA Spectrum Reporting saves a report to a PDF file. You can print or you can save the pdf file.

Note: You must have Adobe Acrobat Reader installed to print a report.

Follow these steps:

1. Navigate to the CA BusinessObjects InfoView window.
2. Select Document List, Public Folders, CA Reports, and then CA Spectrum.

   A list of CA Spectrum reports display.
3. Select the report to print.
4. Click Print this Report (Do *not* use your browser print icon).

   The Print to PDF window opens.
5. Select All Pages to print the entire report, or specify the page range in the From and To fields.
6. Click Export.

   The File Download dialog opens.
7. Perform one of the following steps:
   - Print the report now:
     a. Click Open With in the File Download dialog. The report opens as a PDF file in Adobe Acrobat Reader.
     b. Use the Adobe Acrobat Reader print options to print the report. (You can also save the report to your computer from the Adobe window).

- Save the report, and print it later:
  a. Click Save File in the File Download dialog to open the Save As window.
  b. Enter a filename (in place of the default filename, ReportViewer) and save it as an Adobe Acrobat document.

The report is printed.

Chapter 4: Generating Ad Hoc Reports

This section contains the following topics:

Introducing Ad Hoc Reporting

CA Spectrum Ad Hoc Reporting is a feature which provides flexibility to define your own reports. You can generate the following Ad Hoc reports using Ad Hoc Reporting:

- Simple Ad Hoc Reports
- Complex Ad Hoc Reports

The CA Spectrum Ad Hoc Reporting feature provides the following capabilities that enable you to define your own reports:

- Custom selection of data objects
- Custom selection of chart options
- Custom layout of report components

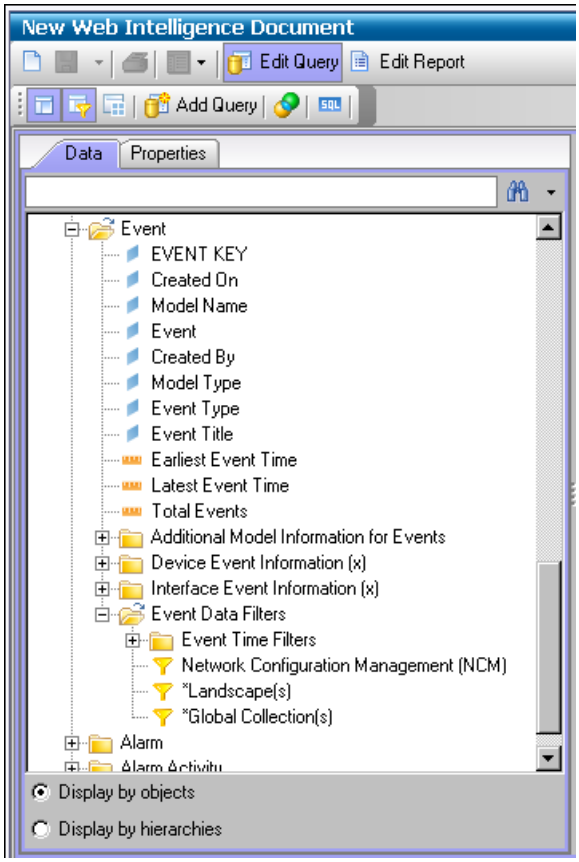
To enable custom reporting, CA Spectrum Reporting relies on the use of an internally designed BusinessObjects metadata layer referred to as a *universe*. A universe is a data abstraction mechanism that is provided by BusinessObjects to allow data retrieval from a database without a deep understanding of the underlying data structures. A CA Spectrum-specific universe provided by CA is deployed to the BusinessObjects Enterprise software to support your Ad Hoc reporting needs.

Ad Hoc Reporting Folder Structure

Within each major folder (Asset, Event, Alarm, Alarm Activity, Availability/Outage), the primary or core objects/fields are presented. Subfolders provide supporting objects.

Important! Consider each major content folder as a self-contained source for report development. Do not mix the objects from one major content area (for example, Alarm) with another (Asset) when you design the report. Mixing objects from disparate content areas can lead to long-running queries against the database.

The following picture illustrates the folder structure of Ad Hoc Reporting.



Fields in capital letters designate the key or object that uniquely identifies the logical reporting entity that is associated with the major containing folder. For example, the inclusion of the EVENT KEY object in an event report query ensures that unique events are returned in the report result set.

The description of the icons is as follows:

- Indicates dimension objects.
- Indicates measurement objects.

-  Indicates a condition or filter. The ready-made conditions assist you in efficient report development.
- *  Indicates a condition or filter. When a report is executed, a dialog appears for further information.
- (x) Indicates the objects contained within this folder. Do not mix with objects in a different folder that also has an (x) designation.

  For example, including objects from both the 'Device Event Information (x)' and 'Interface Event Information (x)' folders leads to no results. A model cannot be both a device and an interface simultaneously.

Generate a Simple Ad Hoc Report

You can generate a simple Ad Hoc Alarm Report using Web Intelligence. You can access Web Intelligence from CA BusinessObjects InfoView.

Review the following considerations before using CA Spectrum Ad Hoc Reporting:

- Use time filters whenever possible to produce efficient running reports.
- Consider the amount of data your report is running against. For example, if you are generating a million events a day, running a year to date report on events likely negatively affect your performance. Specify the shortest time frame possible that produce the data that you require.

Follow these steps:

1. Access the CA BusinessObjects InfoView window.
2. Click Document List.

3. Click New, Web Intelligence Document.

   The 'Web Intelligence Document - New Document' window appears, displaying a list of Business Object Universes.

4. Select the 'Spectrum Ad Hoc - MySQL - EN' Universe type to launch a new CA Spectrum Ad Hoc Reporting Web Intelligence session.

   A message indicates that the Web Intelligence application is starting.

   Note: The process of initiating a new Web Intelligence session can take a few minutes while a Java applet loads.

   The Web Intelligence window appears. The Data panel structure parallels the CA Spectrum Reporting structure and displays the following nodes:

   - Asset
   - Event
   - Alarm
   - Alarm Activity
   - Availability/Outage

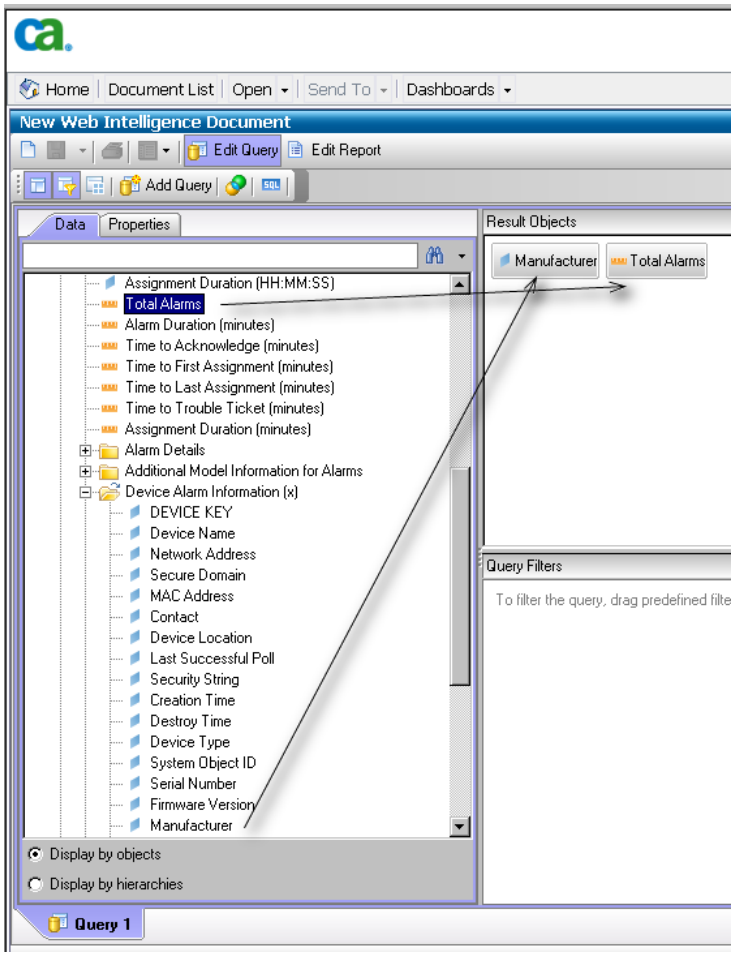
5. Click the + sign to expand folders and view data objects and filters that are related to the folder content.

6. Expand the Alarm folder to view objects.

   Drag-and-drop fields from the Data panel to the Results Objects panel.

   For example, from the Alarm panel, drag and drop the Manufacturer and Total Alarms objects into the Result Objects panel. The Manufacturer object is located within the 'Device Alarm Information' subfolder.

   The following picture illustrates the process to drag and drop the Manufacturer and Total Alarm objects into the Result Objects panel:



7. Drag-and-drop Filter options.

   - Expand the 'Alarm Data Filters' subfolder to view only alarms that have occurred during the current calendar year.
   - Expand the 'Alarm Time Filters' subfolder. Then drag-and-drop the 'Year to Date (YTD)' filter into the 'Query Filters' panel.

8. Select Run Query to execute the query with the objects specified.

   A Report View perspective which contains the default report (simple, and un-formatted report) results display.

   The following picture shows the number of alarms that occurred during the calendar year by Device Manufacture.

Manufacturer	Total Alarms
Alcatel	1
Cisco	145
Enterasys	3
F5 Networks	2
HP	1
Microsoft	2
net-snmp	79
Network Appliance	1
Panthera Networks	3
Reserved/SNMP	5

9. (Optional) Use the available formatting options to format the report (such as, Title, Templates).

10. To save the document to the My Favorites folder, click Save As. (Optional) You can save the report to your local desktop or can publish the report to the BOXI enterprise.

    A Simple Ad Hoc Report is generated.

Generate a Complex Ad Hoc Report with Advanced Formatting

You can generate a Complex Ad Hoc report by modifying a Simple Ad Hoc Report. You can further format your reports to make them more useful.

Follow these steps:

1. Access a Simple Ad Hoc report that you have generated.

   The baseline report captures the number of alarms occurred year-to-date by the device manufacturer.

2. To sort the data, select the column header to sort, and then click Sort.

3. Select Edit Query.

   For example, you can perform the following steps to format your reports:

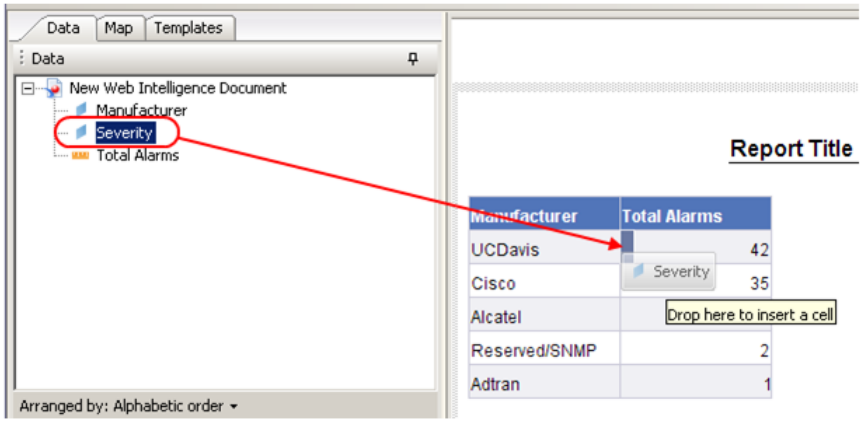
   1. Drag the Severity object located in the Alarm folder to the Result Objects panel.
   2. Select Run Query.
   3. Run the modified query.

      The Report View perspective displays.

      Report is updated to include the new Severity field that is added to the report query.

4. Drag-and-drop the Severity object into the report table.

   The updated report table now contains three columns.



5. To convert the existing table into a crosstab table, where Severity is on the Y-axis and Manufacturer is on the X-axis, drag the Manufacturer column heading above the table.

   Note: Do not release the column heading until a tooltip appears indicating that a crosstab is created.

   The two-dimensional array enables you to see the total number of alarm counts breakdown by severity within each manufacturer. In addition, the crosstab is helpful for comparing alarm counts across device manufacturers.

6. To add subtotals to the table, perform the following steps:

   a. Highlight all the alarm count cells in the table (do not select the row/column headers).

   b. Click Sigma.

   c. Select Sum.

      The crosstab contains subtotals by manufacturer and severity.

7. To create a graphical representation of this data, such as a bar chart, perform the following steps:
    a. To copy the existing crosstab, select the entire crosstab, right-click, and select Copy.
    b. Move the cursor directly underneath the existing crosstab, right-click, and select Paste.

       You can now see a second identical crosstab below the first crosstab.
    c. To convert the bottom crosstab to a horizontal bar chart, select the entire crosstab, right-click, and select Turn To.

       The Turn To window appears. The Turn To window contains multiple tabs, each tab corresponds to the different types of charts available.
    d. Click the Bar tab, select the Horizontal Stacked chart option, and click OK.

       An unformatted horizontal stacked bar chart appears directly underneath the crosstab.
8. Perform the following steps to add legend and data values to improve the format of your report.
    a. To add a legend, select the entire chart, and click the Data tab.
    b. Expand the Appearance section in the Properties box.
    c. Click the Legend checkbox.
    d. To add data values, select the entire chart in the Appearance section and the Values subsection.
    e. Click the Show data checkbox.

       The report displays with both legend and data values.
9. To change the chart to reflect the standard CA Spectrum Reporting coloring conventions for alarm severity (Red=Critical, Orange=Major, Yellow=Minor), perform the following tasks:
    a. Within the Appearance and subsequent Data section, select the Palette option.
    b. From the Select Palette dialog, select Edit Palette.
    c. Specify the top three boxes to change the colors (Red, Orange, and Yellow).
    d. Click OK to change the color palette.
    e. Click OK to apply the modified palette to the chart.

10. To update the report title, double-click the default title box and enter the new title.

    A Complex Ad Hoc report is generated with advanced formatting.

11. Click Drill to drill down on data within the report to view individual alarms.

    Continue to click hyperlink, by selecting the fields in the table report or the bars in the graphic report, until you get to the level of data you require.

Chapter 5: WEBI Sample Reports

This section contains the following topics:

Use WEBI Sample Reports

CA Spectrum Reporting includes WEBI Sample Reports, which are based on Crystal Reports. The WEBI sample reports also showcase some of the WEBI features:

- Graphing
- Aggregate Data Functions
- Varied Report Layouts
- Crosstabs and Pivot Tables.

Access WEBI Sample Reports

You can access and run WEBI Sample reports from CA BusinessObjects InfoView. Using the WEBI sample reports as templates, you can create your own WEBI-based reports to better target relevant CA Spectrum data.

Follow these steps:

1. From the CA BusinessObjects InfoView window, select Document List, Public Folders, CA Reports, and then CA Spectrum.
2. Select Sample WEBI Documents.

   The available Sample WEBI documents/reports appear.
3. To run any of the reports, double-click a report.

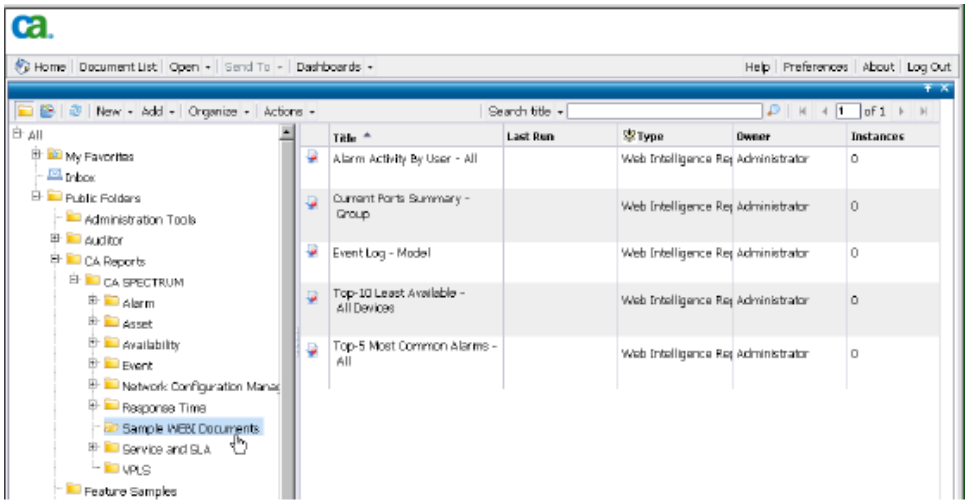
   The report displays.
4. If reports display a prompt dialog, perform the following steps:
   a. Specify the report parameter values.
   b. Select Run Query.

   The report displays.

Copying and Editing WEBI Sample Reports

The WEBI Sample Reports can be used as a base for copying and editing to create your own WEBI reports.

The following picture shows the WEBI Sample reports:



Important! We recommended *not* editing the WEBI Sample Reports directly. Copy the report to another folder, and edit the report.

Follow these steps:

1. Create a folder outside the CA Reports folder hierarchy, and under the Public Folders level to contain your customized WEBI reports.

   Note: Create folders outside the CA Reports folder hierarchy, and under the Public Folders level is important as product upgrades may overwrite contents inside the CA Reports folder. For more information, see the *CA Business Intelligence Integration Guide*.

2. Access the WEBI Sample Reports.
3. Select the report that you want to copy, right-click, and select Organize Copy.
4. Select the report folder that you created, right-click, and select Organize Paste.

   The report appears in the right-hand side panel.

5. Highlight the report that you copied, right-click, and select Modify.

   The Ad Hoc Reporting panel appears.

   a. To edit the report display, click Edit Report.

   b. To edit the query, click Edit Query.

   The Ad Hoc Reporting Panel provides multiple features. For more information, see Generating Ad Hoc Reports *(see page 27)*.

User Resolving Java Error in Report Manager Sample (WEBI) Reports

Symptom:

A Java error appears in the Report Manager Sample (WEBI) reports. When I open sample report, I see the following error message:

```
Java has discovered application components that could indicate a security concern --
Block potentially unsafe components from being run? (recommended). (Yes/No)
```

If I select Yes, the report results do not display. If I select No, the report results are displayed.

Solution:

The issue occurs when running your browser on a Windows system with versions higher than Java 6 update 17. To resolve this issue, perform the following steps:

1. Open Java from the Control Panel.
2. Select the Advanced Tab
3. Expand the Security option.
4. Expand the Mixed Code option.
5. Select 'Enable - hide warning and run with protections'.

   The report runs successfully on Windows.

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