

Sterling Business Intelligence



Upgrade Guide

Version 9.2

Sterling Business Intelligence



Upgrade Guide

Version 9.2

Note

Before using this information and the product it supports, read the information in "Notices" on page 23.

This edition applies to version 9.2 of IBM Sterling Business Intelligence and to all subsequent releases and modifications until otherwise indicated in new editions.

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Chapter 1. Upgrade Overview

This guide explains how to upgrade IBM® Sterling Business Intelligence Release 8.5 with Hot Fix 4, or later to Release 9.2.

The following table describes the potential upgrade paths available from the earlier releases to Sterling Business Intelligence, Release 9.2.

Table 1. Sterling Business Intelligence Upgrade Paths

From Product Version		To Product Version		Upgrade Path	
Sterling Selling and Fulfillment Suite Version	Sterling Business Intelligence Version	Sterling Selling and Fulfillment Suite Version	Sterling Business Intelligence Version	Sterling Selling and Fulfillment Suite Version	Sterling Business Intelligence Version
8.5	8.5 with Hot Fix 4	9.2	9.2	8.5 > 9.0 > 9.1 > 9.2	8.5 > 9.0 > 9.1 > 9.2
9.0	9.0	9.2	9.2	9.0 > 9.1 > 9.2	9.0 > 9.1 > 9.2
9.1	9.1	9.2	9.2	9.1 > 9.2	9.1 > 9.2

Conventions

The following conventions are used across the documentation:

Convention

Meaning

<AC_INSTALL_DIR>

User-supplied location where Cognos BI Content is installed. This directory exists on the server where IBM Cognos® Adaptive Warehouse is installed.

<INSTALL_DIR>

User-supplied location of the IBM Sterling Selling and Fulfillment Foundation, Release 9.2 installation directory.

<BI_COGNOS_HOME>

User-supplied location of the Cognos BI Content is installed. This directory exists on the server where IBM Cognos Business Intelligence is installed.

<c_installation>

User-supplied location of the Cognos Business Intelligence installation directory.

<upgrade_kit_version>

The directory from which the upgrade is planned. It represents the Sterling Business Intelligence Release number. The values specified can be either 8.5, 9.0, or 9.1

<c_path>

Location of the Cognos Business Intelligence installation directory. For example, <c_path> will contain the value c10 for 32 bit installations and c10_64 for 64 bit installations.

Chapter 2. Planning your Upgrade

Upgrading Sterling Business Intelligence is broken up into distinct tasks.

The following table describes the different tasks that are required to complete the Sterling Business Intelligence upgrade:

Table 2. Upgrade Workflow

Task	Information	Comment
Perform Migration Assessment	<ul style="list-style-type: none"> • “System Requirements” on page 5 • “Important Behaviour Changes between Releases” on page 5 	Verify that your environment meets the system and software requirements for this release. Also, understand the behaviour changes between releases.
Pre-Upgrade Activities	<ul style="list-style-type: none"> • Chapter 4, “Pre-Upgrade Activities,” on page 11 	Configure environment variables and memory requirements before the upgrade activity. Also, upgrade IBM Cognos Business Intelligence.
Upgrade Sterling Business Intelligence	<ol style="list-style-type: none"> 1. “Upgrade IBM Sterling Selling and Fulfillment Foundation” on page 13 2. “Upgrade IBM Sterling Business Intelligence Application” on page 13 3. “Upgrade Staging” on page 14 4. “Upgrade IBM Cognos Analytic Applications” on page 15 5. “Upgrade IBM Cognos Adaptive Warehouse Content” on page 16 6. “Upgrade the IBM Cognos Adaptive Analytics Content” on page 17 7. “Upgrade the Dashboard Reports” on page 18 8. “Upgrade Customizations in IBM Sterling Business Intelligence” on page 18 	
Post-Upgrade Activities	<ul style="list-style-type: none"> • Chapter 6, “Post-Upgrade Activities,” on page 21 • “Analyzing IBM Sterling Business Intelligence Application Upgrade” on page 21 	Verify the upgrade impact by analyzing the generated upgrade reports. Perform post-upgrade activities for customized models and analytic content.

Chapter 3. Perform Migration Assessment

This section explains the changes in Sterling Business Intelligence versions. This includes behavioral changes, as well as technical changes in reports and the database.

System Requirements

For more information about system requirements, go to the IBM Support Portal at <http://www-947.ibm.com/support/entry/portal/Planning>.

Important Behaviour Changes between Releases

This topic describes the important behaviour changes in Sterling Business Intelligence Releases. This topic lists only those changes that have an impact on the application because of the upgrade.

Important Behaviour Changes between Release 8.5 and Release 9.0

There are no behaviour changes between Sterling Business Intelligence Release 8.5 and Release 9.0.

Important Behaviour Changes between Release 9.0 and Release 9.1

This topic lists only those changes that have an impact on the application because of the upgrade from Release 9.0 to Release 9.1.

Data mart for Quotes and Opportunity Data

In release 9.1, you can load data related to quotes and opportunity from the OLTP (Online Transaction Processing) database to the data mart.

Impact of the Feature

The opportunity and quotes data mart can be used to derive metrics such as:

- Maximum, minimum, and average discount percentage provided on converted quote lines for an item's category.
- Maximum, minimum, and average discount percentage provided on converted quote lines for an item's category, within the customer's industry.
- The number of converted quote lines for a sales person, sales team, or region, in specific ranges of the profit margin percentage.
- The total number of opportunities, the total number of converted opportunities, and the percentage of converted opportunities.
- The top ten sales persons based on the revenue they generated. The revenue generated by each of the top ten sales persons of the organization.
- The top ten sales teams based on the revenue they generated. The revenue generated by each of the top ten sales teams of the organization.
- The top ten sales persons based on the number of successful deals. The number of converted deals for each of the top ten sales persons of the organization.

- The top ten sales teams based on the number of successful deals. The number of converted deals for each of the top ten sales teams of the organization.

For more information refer to the *Sterling Business Intelligence: User Guide*.

Migration Strategy

None.

Embedded Analytics

In the Release 9.1, the Sterling Business Intelligence application provides embedded analytics to incorporate business intelligence to applications, such as Sterling Call Center, Sterling Store, Sterling Field Sales, and Sterling Selling and Fulfillment Foundation.

Impact of this Feature

The following embedded reports have been provided:

- **Customer Appeasement Report:** This report provides customer information, such as the total revenue generated by the customer in the last year, the total lifetime revenue generated by the customer, and the average value of the customer's order accumulated over the lifetime of the customer.
- **Quote Adviser Report By Category:** This report provides the maximum, minimum, and average discount percentage provided on previously converted quote lines for the item's category.
- **Quote Adviser Report By Industry:** This report provides the maximum, minimum, and average discount percentage provided on previously converted quote lines for the item's category, within the customer's industry.
- **Customer Rating Report:** This report provides details of all the metrics used when calculating a customer's rating.

For more information refer to the *Sterling Business Intelligence: User Guide*.

Migration Strategy

None.

Opportunity Pipeline Reports and Profit Margin Report

In Release 9.1, the Opportunity Pipeline Reports and Profit Margin Report have been introduced.

Impact of the Opportunity Pipeline Reports

The Opportunity Pipeline reports provide information about the total number of opportunities, the total number of converted opportunities, the percentage of converted opportunities, and the top sales persons, and sales teams by revenue and number of deals. The Opportunity Pipeline reports comprise the following reports:

- Sales Pipeline Report
- Top Sales Persons By Revenue Report
- Top Sales Teams By Revenue Report
- Top Sales Persons By Deals Report
- Top Sales Teams By Deals Report

For more information refer to the *Sterling Business Intelligence: User Guide*.

Impact of the Profit Margin Report

The Profit Margin report provides information about the number of quote lines converted in specific ranges of the profit margin percentage.

For more information refer to the *Sterling Business Intelligence: User Guide*.

Migration Strategy

None.

Updates to Perfect Order Dashboard

In Release 9.1, the Percentage Opportunity Conversion metric has been added to the existing Perfect Order Dashboard.

For more information refer to the *Sterling Business Intelligence: User Guide*.

Migration Strategy

None.

Important Behaviour Changes between Release 9.1 and Release 9.2

Data Mart for Returns Data

In Release 9.2, you can load data related to returns from the OLTP (Online Transaction Processing) database to the data mart.

Impacts of this Feature

The Returns Reports provide information about returned products with reasons, customers with returns, summary of total number of returned lines and summary of total number of fulfilled lines. A new menu item **Returns** is added to the Sterling Business Intelligence home page. The Returns Reports comprise of the following reports:

- Top 10 Return Value By Products
- Top 10 Return Reasons By Product
- Top 10 Return Value By Customers
- Top 10 Return Reasons by Customer
- Return Summary Report

For more information refer to the *Sterling Business Intelligence: User Guide*.

Migration Strategy

None.

Updates to Perfect Order Dashboard

In Release 9.2, the Perfect Order Dashboard is modified to accommodate returns reports.

Impact of the Feature

The following modifications have been made to the Perfect Order Dashboard:

- The dashlet window **Capture to Fulfillment – Other Metrics** is renamed as **Capture to Fulfillment**.
- A new dashlet window titled **Fulfillment to Completion** is introduced to accommodate Percentage Returns Revenue report.

For more information refer to the *Sterling Business Intelligence: User Guide*.

Migration Strategy

None.

Backorder Demand Analysis Reports

In Release 9.2, the backorder demand analysis reports are introduced.

Impact of the Feature

The Backorder Demand Analysis reports comprise of the following reports:

- Backorder Demand Analysis Summary Report
- Backorder Demand Analysis Detail Report

For more information refer to the *Sterling Business Intelligence: User Guide*.

Migration Strategy

None.

IBM Cognos 10 Upgrade

In Release 9.2, the IBM Cognos Business Intelligence version has been upgraded from 8.4.1 to 10.1.1. IBM Cognos Adaptive Application Framework version 8.4.2 has been upgraded to IBM Cognos Analytic Applications version 10.1.0

Impacts of this Feature

The following impacts are due to the IBM Cognos 10 upgrade:

- Refer to the following link to learn more about the behavioral changes between Cognos Business Intelligence 8.4.1 to 10.1.1 http://publib.boulder.ibm.com/infocenter/cbi/v10r1m1/topic/com.ibm.swg.ba.cognos.inst_cr_winux.10.1.1.doc/c_inst_inst_new_10_1_1.html
- Refer to the following link to learn more about the behavioral changes between IBM Cognos 8 Adaptive Application Framework 8.4.2 and Cognos Analytic Applications 10.1.0 http://publib.boulder.ibm.com/infocenter/caapps/v10r1m0/topic/com.ibm.swg.ba.cognos.inst_apps.10.1.0.doc/c_new_chnged_dep_8.3_aapps.html
- The report names appear different on generating Cognos Analytic Applications reports. For example, from the Sterling Business Intelligence home page, if you generate **Top 10 B2B Products by Revenue** report. The report will be displayed as **Top 10 Fulfilled Revenue (Currency) by Products**. Previously, the same report was displayed as **Top 10 Fulfilled Revenue by Products**.

Migration Strategy

- Ensure that the Cognos Business Intelligence and Cognos Adaptive Analytics are installed on the same machine.

Ad Hoc Analysis for Data Mart

In Release 9.2, the user can generate ad hoc analysis reports using the IBM Cognos Query Studio.

Impact of the Feature

To understand more about the impact of the feature, refer to the *Sterling Business Intelligence: User Guide*.

Migration Strategy

None.

Security Administration

In Release 9.2, the Cognos Connection user must be an authorized user to access the application.

Impact of the Feature

To understand more about the impact of the feature, refer to the *Sterling Business Intelligence: Installation Guide*.

Migration Strategy

None.

Chapter 4. Pre-Upgrade Activities

Install IBM Sterling Business Intelligence Application

Ensure that you have completed the installation of Sterling Business Intelligence application. For more information, refer to the upgrade instructions provided in the *Sterling Business Intelligence: Installation Guide*.

Configure the Environment Variables

Before you upgrade Sterling Business Intelligence application, ensure that the following environment variables are set appropriately:

Environmental Variable	Description
JAVA_HOME	Indicates the installation path of the Java Development Kit (JDK).
ANT_HOME	Indicates the installation path of the Apache Ant <INSTALL_DIR>/Migration/<apache_ant>

Allocating Memory in sbimigration.properties File

You can pass JVM-specific JAVA and ANT memory related arguments to the Sterling Business Intelligence upgrade process. This is useful in avoiding out-of-memory errors.

You can pass the memory related arguments by specifying the following in the <INSTALL_DIR>/Migration/<upgrade_kit_version>/sbi/sbimigration.properties file:

```
mem_java_args_sun=-Xms512m -Xmx1024m -XX:MaxPermSize=512m
mem_java_args_non_sun=-Xms512m -Xmx1024m
mem_ant_args_sun=-Xms512m -Xmx1024m -XX:MaxPermSize=512m
mem_ant_args_non_sun=-Xms512m -Xmx1024m
```

Upgrade IBM Cognos Business Intelligence

To upgrade Cognos Business Intelligence server, refer to the following link http://publib.boulder.ibm.com/infocenter/cbi/v10r1m1/topic/com.ibm.swg.ba.cognos.inst_cr_winux.10.1.1.doc/c_upgrade_c8_to_c8.html#Upgrade_C8_to_C8

Chapter 5. Upgrade IBM Sterling Business Intelligence

Upgrade IBM Sterling Selling and Fulfillment Foundation

Before upgrading to Sterling Business Intelligence, ensure that you have upgraded the Sterling Selling and Fulfillment Foundation to the appropriate version. For more information about the available upgrade paths refer to the following topic Chapter 1, “Upgrade Overview,” on page 1.

For more information about upgrading to Sterling Selling and Fulfillment Foundation, refer to the *Sterling Selling and Fulfillment Foundation: Upgrade Guide*.

When you upgrade to the Sterling Selling and Fulfillment Foundation the following tasks are performed that impact Sterling Business Intelligence:

- Alters the database schema
- Copies the customization

Upgrade IBM Sterling Business Intelligence Application

You can upgrade the Sterling Business Intelligence application, after you upgrade the Sterling Selling and Fulfillment Foundation.

Note: During the upgrade you will not be allowed to purge or restore any data.

To upgrade from Release 8.5 or 9.0 or 9.1 to Release 9.2.0, run the following command from the <INSTALL_DIR>/Migration/9.1/sbi directory:

```
ant -DRUNTIME_NEW=<INSTALL_DIR> -DRUNTIME_OLD=<INSTALL_DIR_OLD> -f  
sbmigration.xml -logfile <logfile> fullupgrade
```

The following tasks are performed by running the above command:

- Apply the factory setup differences.
- The actual data migration of all transaction data present in the transaction tables is done. All new indexes required for performance are added. After migration of transaction data, transaction tables will have new columns and data.

Analyze the following *.restart and *.done files to know the status of the upgrade :

- After the upgrade task is completed, inspect the following *.restart file:
<INSTALL_DIR>/Migration/<upgrade_kit_version>/sbi/database/FactorySetup/XMLS/sbi_fc_migrator.xml.restart
 - If the value of the **Completed** attribute is set to **Y** for all the tasks then the upgrade is successfully completed.
 - If the value of the **Completed** attribute is set to **N** for any of the tasks, do not proceed with the upgrade. Contact Sterling Selling and Fulfillment Foundation Technical Support for assistance.
- The *.done files indicate the start and end time of the upgrade script. The following *.done files are present in the <INSTALL_DIR>/Migration/<upgrade_kit_version>/sbi/status/ directory:
 - sbi_transaction_ant_applicatioversion.xml.done

- transaction_ant_applyfcsetup.xml.done
- Execute the following command to clear the *.done and *.restart files, before you execute the upgrade command again:


```
ant -DRUNTIME_NEW=<INSTALL_DIR> -DRUNTIME_OLD=<INSTALL_DIR_OLD> -f sbimigration.xml -logfile <logfile> clean-up-for-rerun
```

To analyze the impact of the upgrade, you can refer to the log file in the following path: <INSTALL_DIR>/Migration/<upgrade_kit_version>/sbi/log/migrator_statistics.log

Upgrade Staging

Before you begin

- Ensure that you have upgraded Sterling Business Intelligence application, before you upgrade the Staging.
- During the Sterling Selling and Fulfillment Foundation upgrade process, the dbverify script is executed and alter scripts are generated for schema migration. For more information, refer to the *Sterling Selling and Fulfillment Foundation: Installation Guide*. These alter scripts are applied to the OLTP database to reflect the database changes. Ensure that you apply the same alter scripts on only the database tables that are available on Staging.

About this task

To upgrade the Staging you will have to perform the following:

Procedure

1. “Generating the Staging Project Package File” on page 15
2. Load the incremental data to the staging for the following tables:
 - a. Load data for configuration and master tables at the same time using the following command:
 - For Windows


```
staging_load_management.cmd Configuration_Master <incremental_load_package_file>
```
 - For Linux or Unix


```
staging_load_management.sh Configuration_Master <incremental_load_package_file>
```

For more information refer to the *Sterling Business Intelligence: Implementation Guide*
 - b. Load the incremental data using the following command:
 - For Windows


```
staging_load_management.cmd ALL_Incremental <incremental_load_package_file>no
```
 - For Linux or Unix


```
staging_load_management.sh ALL_Incremental <incremental_load_package_file>
```

For more information refer to the *Sterling Business Intelligence: Implementation Guide*

Generating the Staging Project Package File

Execute the Staging Project Package file generation tool to generate the Staging Project Package file. This tool gets the required information from the DB-Alias file, Staging metadata entity file, and the entity repository.

About this task

To generate the Staging Project Package file:

Procedure

1. Navigate to the `<install_dir>/bin` folder.
Here, `<install_dir>` is the directory in which Sterling Selling and Fulfillment Foundation is installed.

2. Execute either of the following commands:

- To generate the initial load package file:

For Windows

```
sci_ant.cmd -f generate_staging_package.xml initial  
-Dfile_name=<package_file_name> -Ddb_alias=<db_alias_file_path>
```

For Linux or UNIX

```
sci_ant.sh -f generate_staging_package.xml initial  
-Dfile_name=<package_file_name> -Ddb_alias=<db_alias_file_path>
```

Here, `<package_file_name>` is the name of the generated Staging Project Package file. If you do not pass any argument, the Staging Project Package file is generated with `Staging_Initial_Load_Package.pkg` as the name.

`<db_alias_file_location>` is the path in which the DB-Alias file is defined. This argument is mandatory.

- To generate the incremental load package file:

For Windows

```
sci_ant.cmd -f generate_staging_package.xml incremental  
-Dfile_name=<package_file_name> -Ddb_alias=<db_alias_file_path>
```

For Linux or UNIX

```
sci_ant.sh -f generate_staging_package.xml incremental  
-Dfile_name=<package_file_name> -Ddb_alias=<db_alias_file_path>
```

Here, `<package_file_name>` is the name of the generated Staging Project Package file. If you do not pass any argument, the Staging Project Package file is generated with `Staging_Incremental_Load_Package.pkg` as the name.

`<db_alias_file_location>` is the path in which the DB-Alias file is defined. This argument is mandatory.

The package files generated are located in the `<INSTALL_DIR>/bin` folder, where `<INSTALL_DIR>` is directory in which Sterling Selling and Fulfillment Foundation is installed.

For more information refer to the *Sterling Business Intelligence: Implementation Guide*.

Upgrade IBM Cognos Analytic Applications

Ensure that you have upgraded Sterling Business Intelligence application and Cognos Business Intelligence server before you upgrade Cognos Analytic Applications.

For more information about upgrading Cognos Analytic Applications, refer to the following link http://publib.boulder.ibm.com/infocenter/caapps/v10r1m0/topic/com.ibm.swg.ba.cognos.inst_apps.10.1.0.doc/t_upgradingtocognos8_aapps.html#UpgradingtoCognos8

Upgrade IBM Cognos Adaptive Warehouse Content

About this task

Perform the following steps to upgrade Cognos Adaptive Warehouse content :

Procedure

1. Ensure that you have upgraded the Cognos Adaptive Warehouse before you upgrade the Cognos Adaptive Warehouse content. For more information refer to the following topic “Upgrade IBM Cognos Analytic Applications” on page 15.
2. Ensure that you use the same data source connection name and schema name in the Cognos Connection.
3. “Upgrading the IBM Cognos Adaptive Warehouse Content”
4. “Upgrade Customized IBM Cognos Adaptive Warehouse Content for IBM Sterling Business Intelligence” on page 19
5. Perform the following steps in the Cognos Adaptive Warehouse Application;
 - a. In the **Actions** menu select **Load Management**. The Load Management screen is displayed with all the dataflows.
 - b. In the Load Management screen, click **Deselect All**. Select the Calendar dataflow.
 - c. Click **Properties** to open the Set Dataflow/Instance Runtime Parameters window.
 - d. In the Set Dataflow/Instance Runtime Parameters window, set **Complete Reload** to **Yes**. Generate the script for the Calendar dataflow.
 - e. Run the load management scripts for the Calendar dataflow, execute the following command from the \cognos\ap\bin folder
pwexec.cmd <path\filename>.xml (For Windows)
pwexec.sh <path\filename>.xml (For UNIX)
6. Generate the script for all Configuration, master, and Transaction dataflows and perform load management. For more information refer to *Sterling Business Intelligence: Implementation Guide*.
7. Load the incremental data in Sterling Business Intelligence for the data mart project. For more information refer to *Sterling Business Intelligence: Implementation Guide*.

Upgrading the IBM Cognos Adaptive Warehouse Content

Upgrading the Cognos Adaptive Warehouse content includes updating the content for the warehouse schema.

About this task

To upgrade the Cognos Adaptive Warehouse content for the Data Mart warehouse schema, perform the following steps:

Procedure

1. Launch the Cognos Adaptive Warehouse application.

2. Open the existing data source connection Sterling Data Source and schema name in the Cognos Connection project.
3. From the **Actions** menu of the Cognos Adaptive Warehouse application, select **Import from Content Library**.
4. Click **Browse**, and select the library index file that you want to import from. This file is available in the directory in which the Cognos Adaptive Warehouse content is installed, and has a .pwi extension, for example, <AC_INSTALL_DIR>/aw-export/sterling data source export/sterling data source export.pwi
5. Click **Open**.
6. Click **Next**.
7. In the Conflict Resolution screen, select the conflict resolution that you want to apply. Select **Partial Upgrade**. For more details about conflict resolution strategy, refer to the following link http://publib.boulder.ibm.com/infocenter/caapps/v10r1m0/topic/com.ibm.swg.ba.cognos.ug_aw.10.1.0.doc/c_conflict_resolution.html#Conflict_Resolution.
8. Click **Next**.
9. Click **Next**.
The details of the objects that you are importing are displayed.
10. Click **Finish** to run the import.
11. In the Data Source Mapping dialog box, select the IBM Cognos Content Manager Data Sources corresponding to Sterling Staging Data Source.

Note: The Sterling Staging data source should point to the Sterling Staging Database schema
12. Click **OK**.
A pop-up window is displayed with warning messages. You can ignore the warning messages pertaining to Common Code Union Source, SO Actual Confirmed Union, Category Union, and Orphan Data.
13. Click **OK**.
The Validation Results screen is displayed.
14. Click **Close**.
15. Click **OK**.
16. From the **Actions** menu, select **Synchronize Target Metadata**.
17. From the **File** menu, select **Save** to save the project.
For more information about working with projects in Cognos Adaptive Warehouse, refer to http://publib.boulder.ibm.com/infocenter/caapps/v10r1m0/topic/com.ibm.swg.ba.cognos.ug_aw.10.1.0.doc/t_managing_your_project.html#Managing_Your_Project.

Upgrade the IBM Cognos Adaptive Analytics Content

About this task

You must import business content from a content library into a project to take advantage of the content included in Cognos Adaptive Analytics. The content library contains information packages, metric types, hierarchies, operational report specifications, and global data pertaining to the Cognos Adaptive Analytics application.

To set up the Cognos Adaptive Analytics content, perform the following steps:

Procedure

1. Launch the Cognos Adaptive Analytics application.
2. Open the **Sterling Analytics** project with **Data source** as **Sterling Data Source** and the Schema. Specify the **Package** name as **Sterling Data Source**.
3. In the **Create content** tab, click on the **Project Actions** icon, select **Import from Content Library**.
4. In the Objects to import screen, click on **Library Content file** to open the Content Library files window screen.
 - a. In the Content Library files window, select Sterling AA Export.xml file.
 - b. Click **OK**.
 - c. In the Objects to import screen, select **Information Packages**. Ensure that you select all the area of analysis.
 - d. Click **Next**.
 - e. Select **Partial Upgrade**.
 - f. Click **Finish**.

Upgrade the Dashboard Reports

Before you begin

Dashboards.zip should be imported to Cognos Content Store only after importing Cognos Adaptive Analytics Deployment Archive.

About this task

To deploy the dashboards to Cognos Content Store, perform the following steps:

Procedure

1. Copy the <BI_COGNOS_HOME>/Dashboards.zip file to the <c_installation>/<c_path>/deployment folder.
2. Launch Cognos Connection
3. Import the Dashboards.zip file to Cognos Content Store.

For more information about importing the deployment archive to Cognos Content Store, refer to the following link http://publib.boulder.ibm.com/infocenter/caapps/v10r1m0/topic/com.ibm.swg.im.cognos.ug_cra.10.1.0.doc/ug_cra_id21189Deployment.html#Deployment.

Upgrade Customizations in IBM Sterling Business Intelligence

Perform the following tasks to upgrade customizations that you have performed to Sterling Business Intelligence:

1. “Upgrade the Customized IBM Cognos Adaptive Analytics Content for IBM Sterling Business Intelligence” on page 19
2. “Upgrade Customized IBM Cognos Adaptive Warehouse Content for IBM Sterling Business Intelligence” on page 19
3. “Upgrade Customized Dashboard Reports” on page 19

Upgrade Customized IBM Cognos Adaptive Warehouse Content for IBM Sterling Business Intelligence

To upgrade customized model content for Cognos Adaptive Warehouse refer to the following link:http://publib.boulder.ibm.com/infocenter/caapps/v10r1m0/topic/com.ibm.svg.ba.cognos.ug_aw.10.1.0.doc/t_aw_upgradingtocognos8.html

In the time dimension, two role plays primary calendar and secondary calendar are allowed. In any dimension, if you have more than one role plays', then you have to set join paths for each of them. For more information on setting up join paths, refer to the following link: http://publib.boulder.ibm.com/infocenter/caapps/v10r1m0/topic/com.ibm.svg.ba.cognos.ug_aw.10.1.0.doc/t_setting_up_join_paths_after_upgrading.html

Upgrade the Customized IBM Cognos Adaptive Analytics Content for IBM Sterling Business Intelligence

To upgrade the customized Cognos Adaptive Analytics analytic content refer to the following link http://publib.boulder.ibm.com/infocenter/caapps/v10r1m0/topic/com.ibm.svg.ba.cognos.ug_aa.10.1.0.doc/t_upgrading_aa_projects.html.

Upgrade Customized Dashboard Reports

To upgrade customized dashboard reports, refer to the following link http://publib.boulder.ibm.com/infocenter/cbi/v10r1m1/topic/com.ibm.svg.ba.cognos.ug_cr_rptstd.10.1.1.doc/c_cr_rptstd_upgrd_upgrading_reports.html#cr_rptstd_upgrd_upgrading_reports

Chapter 6. Post-Upgrade Activities

After the Sterling Business Intelligence application upgrade is complete, perform the following steps:

- Build the EAR file. For more information about building the EAR file, see the *Sterling Business Intelligence: Installation Guide*

Analyzing IBM Sterling Business Intelligence Application Upgrade

Sterling Business Intelligence application upgrade generates various analysis reports. You can use these reports to analyze the impact of the upgrade.

Properties Report

This report provides the changes in the `sbibundle.properties` file. To view the changes between releases, either use the `sbj_properties_diff_report.html` file located in the `<INSTALL_DIR>/migration/<upgrade_kit_version>/sbi/analysis/properties/DiffDoc` directory, or click the **Properties Report** hyperlink in the `<INSTALL_DIR>/migration/<upgrade_kit_version>/sbi/analysis/sbi_upgrade_anal_report.html` file.

Bundle Report

This report provides the changes in the `sbj_bundle.js` file. To view the changes between releases, either use the `sbj_bundles_diff_report.html` file located in the `<INSTALL_DIR>/migration/<upgrade_kit_version>/sbi/analysis/bundles/DiffDoc` directory, or click the **Bundles Report** hyperlink in the `<INSTALL_DIR>/migration/<upgrade_kit_version>/sbi/analysis/sbi_upgrade_anal_report.html` file.

Struts Report

This report provides the changes in the struts action classes, input and output namespaces of mashups, and the results. To view the changes between releases of Struts action classes, either use the `sbj_struts_diff_report.html` file located in the `<INSTALL_DIR>/migration/<upgrade_kit_version>/sbi/analysis/struts/DiffDoc` directory, or click the **Struts Report** hyperlink in the `<INSTALL_DIR>/migration/<upgrade_kit_version>/sbi/analysis/sbi_upgrade_anal_report.html` file.

Mashups Report

This report provides the changes in the Mashups. To view the changes between releases of Mashups, either use the `sbj_mashups_diff_report.html` file located in the `<INSTALL_DIR>/migration/<upgrade_kit_version>/sbi/analysis/mashups/DiffDoc` directory, or click the **Mashups Report** hyperlink in the `<INSTALL_DIR>/migration/<upgrade_kit_version>/sbi/analysis/sbi_upgrade_anal_report.html` file.

Cascade Style Sheet Report

This report provides the changes in the cascading style sheet (CSS) files. To view the changes between releases in the CSS files, either use the `sbj_css_diff_report.html` file located in the `<INSTALL_DIR>/migration/<upgrade_kit_version>/sbi/analysis/css/DiffDoc` directory, or click the **CSS Report** hyperlink in the `<INSTALL_DIR>/migration/<upgrade_kit_version>/sbi/analysis/sbi_upgrade_anal_report.html` file.

Dashboard Report

This report provides the changes in the properties of the `sbianalyticsbundle.properties` dashboard files. To view the changes between releases in the dashboard files, either use the `sbi_dashboards_diff_report.html` file located in the `<INSTALL_DIR>/migration/<upgrade_kit_version>/sbi/analysis/dashboard/DiffDoc` directory, or click the **Dashboard Report** hyperlink in the `<INSTALL_DIR>/migration/<upgrade_kit_version>/sbi/analysis/sbi_upgrade_anal_report.html` file.

Dashlets Report

This report provides the changes in the dashlet file `dashlets.xml`. To view the changes between releases in the dashlet file, either use the `sbi_dashlets_diff_report.html` file located in the `<INSTALL_DIR>/migration/<upgrade_kit_version>/sbi/analysis/dashlets/DiffDoc` directory, or click the **Dashlets Report** hyperlink in the `<INSTALL_DIR>/migration/<upgrade_kit_version>/sbi/analysis/sbi_upgrade_anal_report.html` file.

Java Script Builder Report

This report provides the changes in the Java Script Builder (JSB) targets. To view the changes between releases in the JSB files, either use the `sbi_jsbs_diff_report.html` file located in the `<INSTALL_DIR>/migration/<upgrade_kit_version>/sbi/analysis/JSB/DiffDoc` directory, or click the **JSB Report** hyperlink in the `<INSTALL_DIR>/migration/<upgrade_kit_version>/sbi/analysis/sbi_upgrade_anal_report.html` file.

web.xml Report

This report provides the changes in the `web.xml` file. To view the changes between releases in the `web.xml` files, either use the `sbi_webxml_diff_report.html` file located in the `<INSTALL_DIR>/migration/<upgrade_kit_version>/sbi/analysis/webxml/DiffDoc` directory, or click the **WebXml** hyperlink in the `<INSTALL_DIR>/migration/<upgrade_kit_version>/sbi/analysis/sbi_upgrade_anal_report.html` file.

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