

**GRCC Reporting Framework  
BIP for GRCC  
Admin/Implementation Guide**

GRCC Reporting Framework BIP for GRCC Admin/Implementation Guide

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## BIP Templates

Oracle Governance, Risk and Compliance Controls (GRCC) provides a platform in which two applications run. Application Access Controls Governor (AACG) implements “access policies,” which identify duties in business-management-applications that are considered to conflict with one another because, in combination, they would enable individual users to complete transactions that may expose a company to risk. Transaction Controls Governor (TCG) enables users to define “models,” which identify individual transactions that pose an unacceptable risk.

GRCC uses Oracle Business Intelligence Publisher (BIP) as its reporting engine. Some reports are seeded within the GRCC application, and their use requires no setup beyond the installation of GRCC itself. (For information on installing GRCC, see the *Governance, Risk and Compliance Controls Installation and Upgrade Guide* for version 8.5.1. For information on running the seeded reports, see *Application Access Controls Governor User Guide* for version 8.5.1.)

Other reports are offered via what are called BIP Templates. These offer the customer more flexibility because they enable the user to employ BIP functionality to create layouts. Templates are offered as a packaged zip file, decoupled from the GRCC releases. This means additional reports may be offered between GRCC releases.

GRCC must run on its own dedicated server. If a customer chooses to implement the additional functionality offered with BIP templates, he or she must install BIP on a server separate from the one used by GRCC.

This document is intended to guide customers in deploying the GRCC BIP Templates. It is not intended to explain BIP installation, setup, or functionality. For detailed information on using BIP, refer to BIP documentation on its Oracle website.

### ***Prerequisites***

To use the GRCC BIP Templates, ensure that you satisfy the following requirements:

- You must install BIP on a server separate from the GRCC server. To download BIP and its documentation, go to this site:  
  
`http://www.oracle.com/technology/software/products/publishing/index.html`
- You must create a schema (the “Data Analytics schema”) in which GRCC can deposit data for use in reports developed from BIP Templates. In an Analytics Integration page of the GRCC application, you need to supply values that enable GRCC to connect to the Data Analytics schema. See the *Governance, Risk and Compliance Controls User Guide* for information on filling out the Analytics Integration page.
- In BIP, you must set up a JDBC connection to the Data Analytics schema.

### ***Downloading GRCC BIP Templates***

BIP Templates are offered via the My Oracle Support (Metalink) website. To use them, download a BIP Templates zip file to the BIP server, and extract its contents there.

A typical download, once extracted, includes a parent folder (for example, “Application Access Controls Governor Reports”) and several child folders. These vary according to the templates available in the zip file. However, the following two child folders will always exist:

- BIP Sample Data, which contains XML files that can be used to open a BIP template and show sample data (loaded from Word).
- Samples, which contains PDF files. In them, one can view examples of the BIP templates.

Other child folders contain report groupings — report templates that fit within categories, such as those involving the configuration of AACG access policies, or those involving the resolution of conflicts identified by those policies. Within these groupings, there are two types of file:

- .rtf — The RTF file is the BIP template, essentially the layout for a report.
- .xdo — The XDO file is the query information needed to query the database.

### ***Setting Up the JDBC Connection to GRCC***

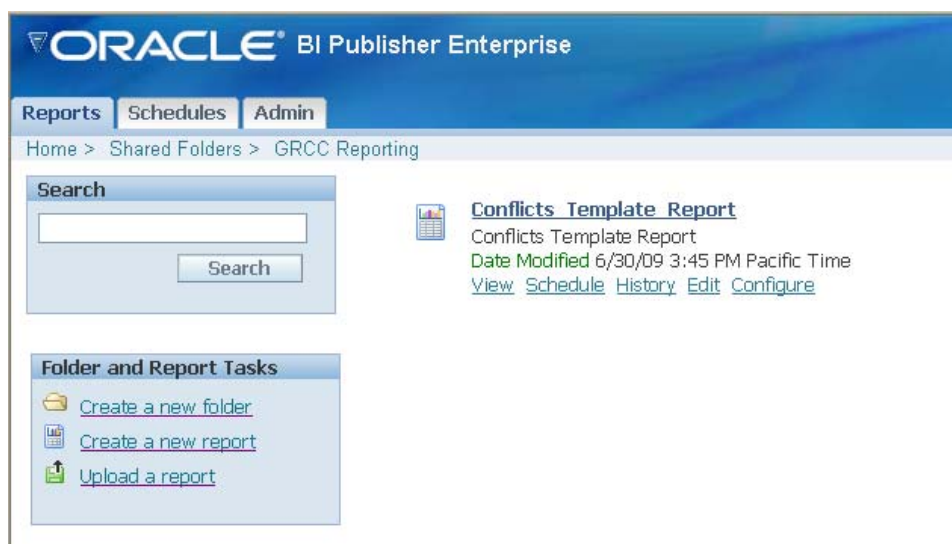
BIP templates offered for GRCC are based on the Data Analytics schema. This schema stores information that will be included when the templates are run. The JDBC connection information is the same as the information supplied in the GRCC Analytics Integration page. See the *Governance, Risk and Compliance Controls User Guide* for information on Analytics Integration setup.

For information on how to set up the BIP JDBC connection, see BIP documentation.

### ***Deploying GRCC BIP Templates***

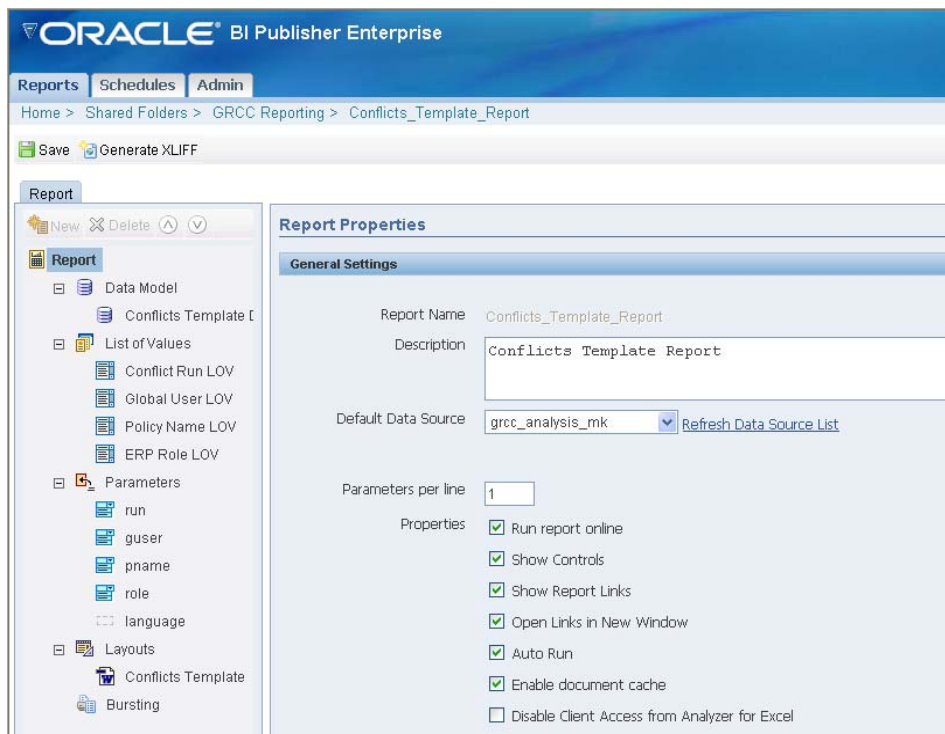
The process of deploying a GRCC template is the same as the process for deploying any BIP report template. See the BIP documentation for information on deploying BIP reports.

It is suggested that you create a new GRCC Reporting folder to house the GRCC-specific reports. In BI Publisher, select the “Create a new folder” option.

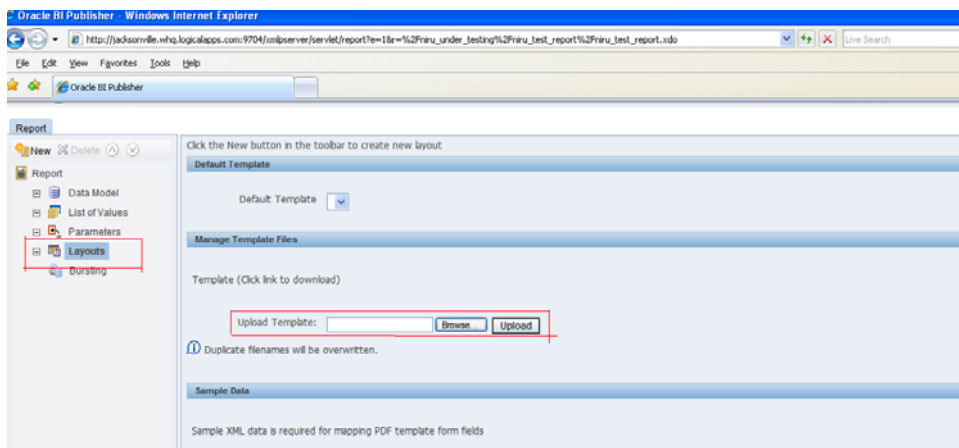


Next, upload and edit the reports you extracted earlier from the GRCC BIP Templates zip file, one at a time.

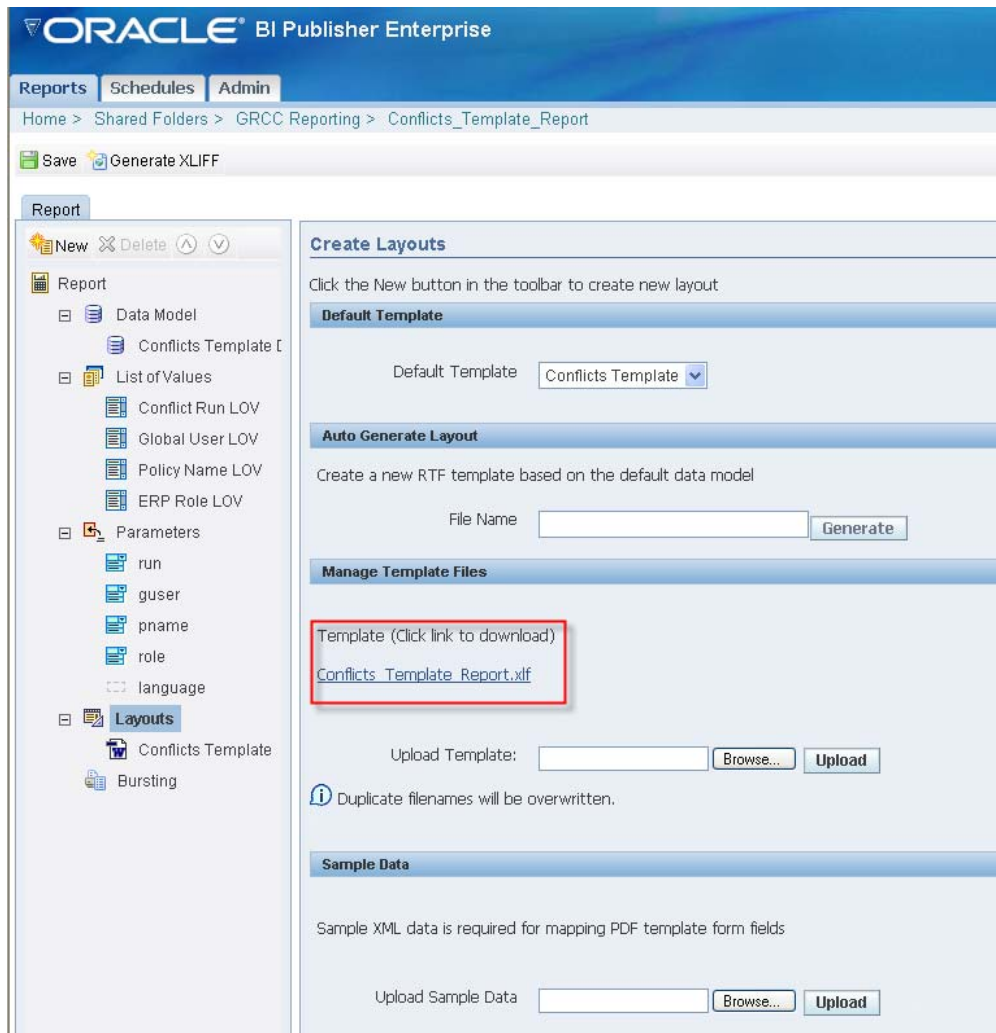
- 1 Use the “Upload a report” option (shown at the bottom left of the previous illustration) to upload each report to the reports folder you’ve created. For each report, select the XDO file. Note that if you have already uploaded an earlier version of the report, you have the option to “overwrite existing report.”
- 2 You will need to edit each report. In BI Publisher, select the Edit option (shown, in the previous illustration, beneath the title of an uploaded report to the right of the page.) The following page appears:



- 3 Click on the Layouts option in the navigation pane at the left of the page. A new page appears; in it click on the Browse button next to the Upload Template field in the Manage Template Files section. Navigate to the RTF file you extracted for the report.



- 4 A screen similar to the following appears. Its Manage Template files section displays the name of the file you specified in the previous step.



- 5 Save the report.  
6 Run the report as usual.

### ***Customizing BIP Templates***

You can modify BIP template layouts to sort, group, and display the data on the page as you wish. Open a BIP template in Microsoft Word and use standard Word functionality to format the .rtf report

Each BIP template is based on a specific query that cannot be changed. If the query is changed in anyway, the BIP template is not supported. Only the layout is permitted to be changed.

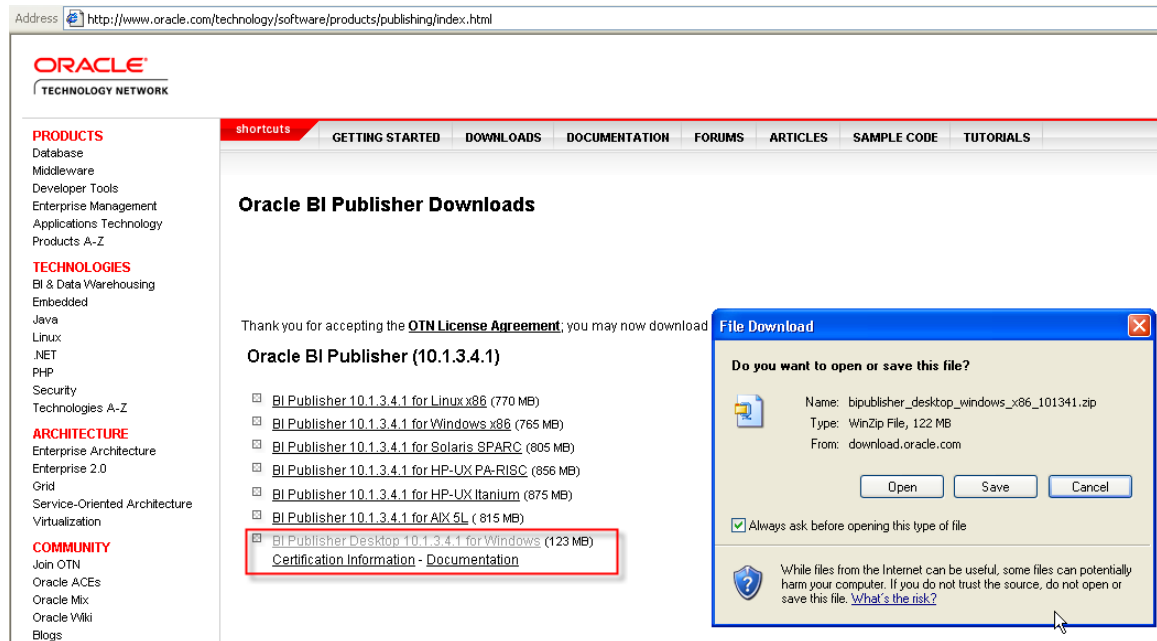
Before you can change BIP template layouts, an Oracle BI Publisher plug-in must be installed on the computer you use to modify the layouts.

To obtain and install the plug-in:

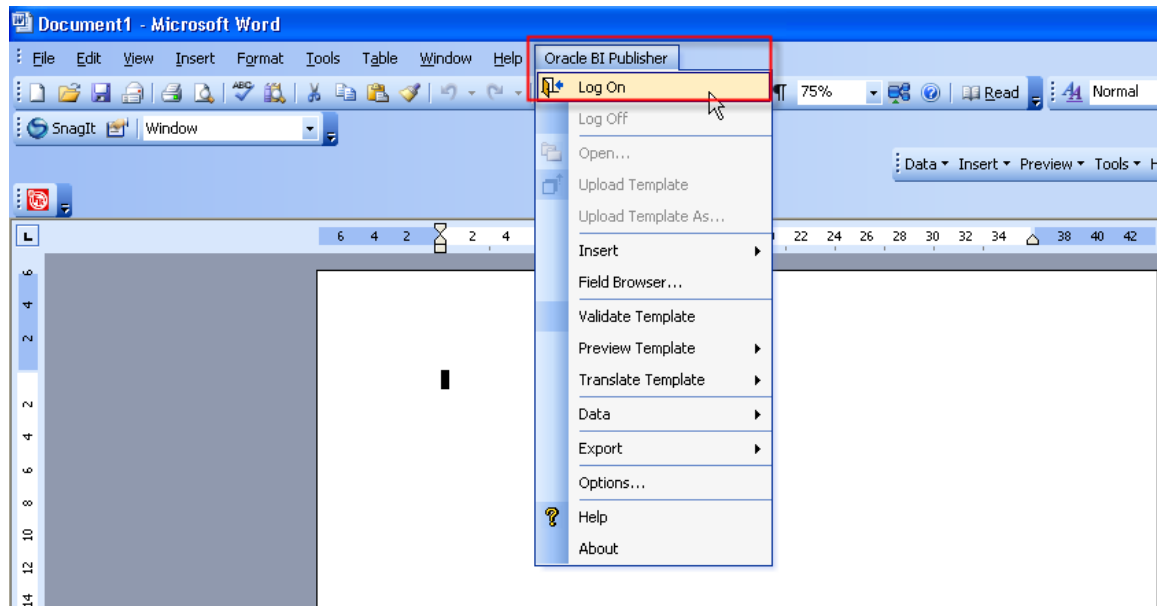
- 1 Navigate to the BI Publisher site on the Oracle Technology Network:

<http://www.oracle.com/technology/software/products/publishing/index.html>

- 2 Click on Download BI Publisher then click BI Publisher Desktop for Windows.

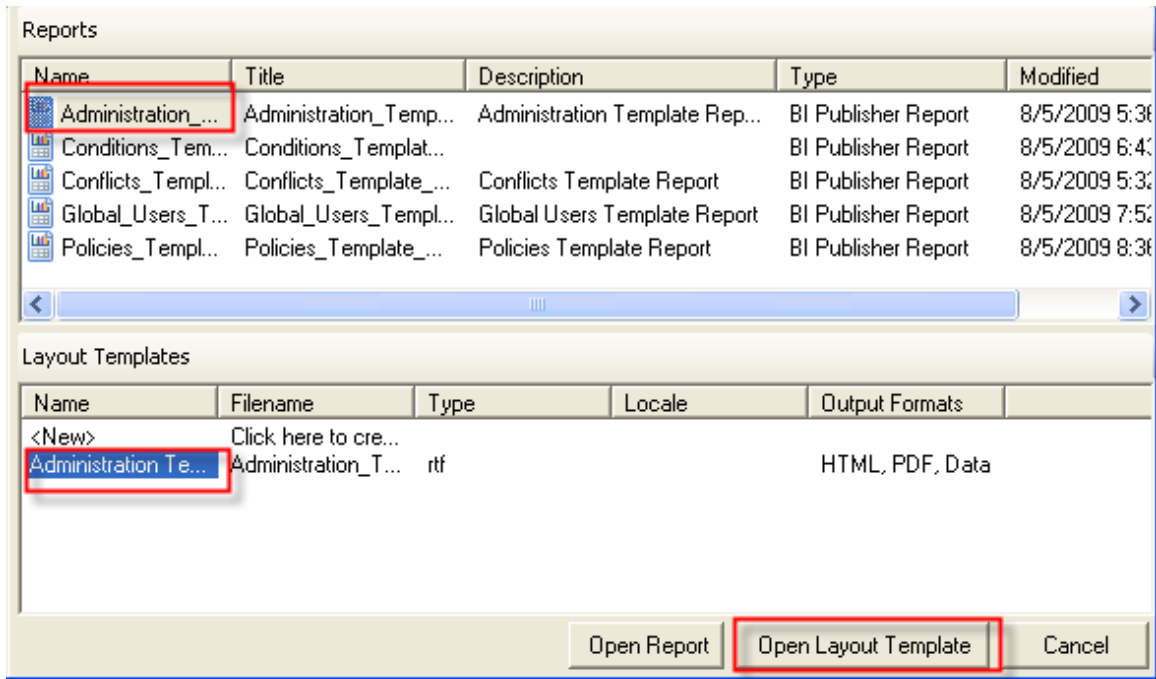


- 3 Extract the zip file and run the .exe file. When the installation is complete, a plug-in is available in Microsoft Word:



- 4 You must log into the BIP Server, supplying a username, password, and report server URL to do so. Contact your system administrator for these values.

- Once logged in, you may navigate to the BIP Template you want to reformat:



An example of the AACG Administration Report is shown below. Use standard Word functionality to reformat the report and save it back to your BIP server.

