



STRATEGIC FINANCE BLUEPRINT
PERFORMANCE BLUEPRINT SETUP DOCUMENT
A WEB-BASED PERFORMANCE MANAGEMENT SOLUTION

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1. Blueprint Overview

This document explains the content and provides installations steps for a web-based solution for the Strategic Finance Blueprint.

IBM Cognos Blueprints are pre-defined data, process, and policy software models developed in partnership with leading academic institutions. They are essentially “quick-start” data models that IBM Cognos customers can download and implement at no extra cost.

Using the Blueprint with your IBM Cognos performance management system will enable users to clearly identify their performance and track it in a consistent, logical manner. This tool gives the user a simple yet powerful way to have an insight into different Metrics and KPIs to understand better how they have been performing.



2. Making Content Files available for each application

2.1. Unzipping the "Strategic_Finance_Blueprint_Content"

After unzipping the "Strategic_Finance_Blueprint_Content" it will create the following directories:

Name ^	Size	Type	Date Modified
Deployment File - Reports		File Folder	11/16/2009 9:08 AM
Documentation		File Folder	11/16/2009 9:10 AM
Framework Manager Model		File Folder	11/16/2009 9:47 AM
Graphics, Files, etc		File Folder	11/16/2009 9:08 AM
TM1 Application		File Folder	11/16/2009 9:08 AM
readme.txt	1 KB	Text Document	11/16/2009 9:09 AM

We will reference these directories, which store the pertinent files.

2.2. Copying the necessary files into their respective directories

Copy the Strategic_Finance_BI_Deployment.zip file from 'Deployment File – Reports' into <IBM Cognos 8 install location>/deployment

Note: Depending upon the BI environment configuration the location of the deployment folder may be setup to a different server, confirm the location with the BI administrator.

Copy all folders/images from the /Graphics,Files,etc directory into <IBM Cognos 8 install location>/webcontent/samples/images

Note: For multi-server installation the images would need to be copied over the Gateway servers. Verify with the BI Administrator the architecture of the BI environment before copying the files.

Copy the content of TM1 Application to:
<Your_TM1_Applications_folder>\Strategic Finance Blueprint



3. IBM Cognos TM1 Content

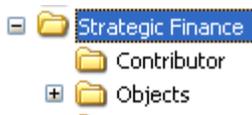
The purpose of the TM1 data model is as a data source for the Business Intelligence Analytics. For other planning processes please refer to the blueprints designed to support functional and industry sector blueprints.

The following steps will navigate through the steps required to create a new IBM Cognos TM1 Server instance and configure the objects needed for the IBM Cognos TM1 content to work correctly.

3.1. Extract the IBM Cognos TM1 Content

Go to folder "<Your_TM1_Applications_folder>\Strategic Finance Blueprint" to unzip the file "Strategic_Finance_Blueprint_TM1_Content.zip ". The files extracted should be located within the same folder.

Once the files are extracted the following structure will be available:



3.2. Configure a new IBM Cognos TM1 Server instance

The following steps provide a quick guideline on how to create new IBM Cognos TM1 server instance, however a more detailed explanation can be found in the IBM Cognos TM1 Server Administration document.

To configure a new IBM Cognos TM1 Server instance the following files are required:

Tm1s.cfg

Tm1s.lic

A shortcut to execute tm1s.exe using the Blueprint content as the working directory.

The tm1s.lic file is included in your IBM Cognos TM1 installation. This file can be copied from <YourIBMCognosTM1_DirectoryInstall>/bin folder. The content of this file is similar to:

```
DATABASE_TYPE=TM1 PROPRIETARY
CLASS=505
LICENSE=<YourLicense>
MAX_USERS=99999
MAX_READONLY_USERS=99999
EXPIRE_DT=<YourExpiryDate>
```



LOCATION=
ORGANIZATION=<YourCompany>
LICENSOR=16699
INSTALL_ID=13108
PRODUCT=TM1Server8
.....

This file should be copied to the following folder:
“<Your_TM1_Applications_folder>\Strategic Finance Blueprint\Objects”
to create a new IBM Cognos TM1 Server instance.

3.2.1. Modify the Tm1s.cfg server configuration file

Within the folder
“<Your_TM1_Applications_folder>\Strategic Finance Blueprint \Objects”
The file “tm1s.cfg” is provided.

This file needs to be modified to point to the IBM Cognos TM1 Admin Server on your environment. The file is provided as:

```
[TM1S]
ServerLogging=F
SecurityPackageName=Kerberos
IntegratedSecurityMode=1
UseSSL=T
ServerName=Strategic Finance Blueprint
DataBaseDirectory=<Your_TM1_Applications_folder>\Strategic Finance
Blueprint\Objects
AdminHost=localhost
PortNumber=11111
ClientMessagePortNumber=12346
Language=ENG
SaveTime=
Downtime=
ProgressMessage=True
AuditLogOn=F
DefaultMeasuresDimension=T
AllowSeparateNandCRules=T
IdleConnectionTimeoutSeconds=7200
GroupsCreationLimit=400
```

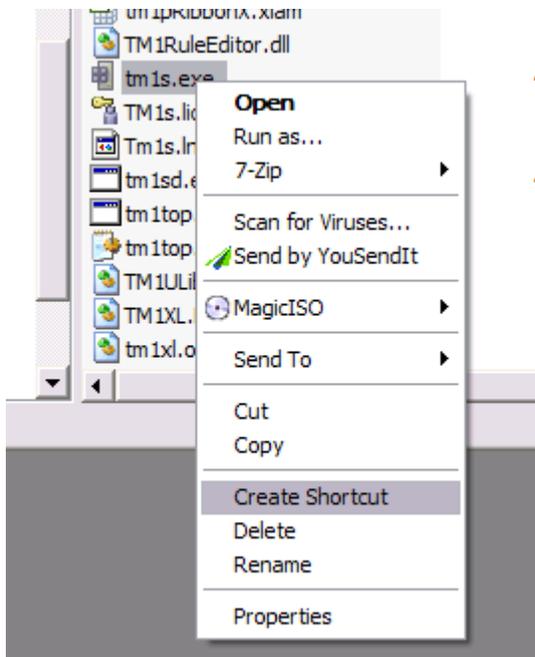
The parameters highlighted in orange need to be reviewed and modified accordingly for your company environment. If there is certainty that the TCP ports set in the previous parameters are not being used, they can be left unchanged.

The “AdminHost” need to be changed to set it as the IBM Cognos TM1 Admin Sever host in your environment.

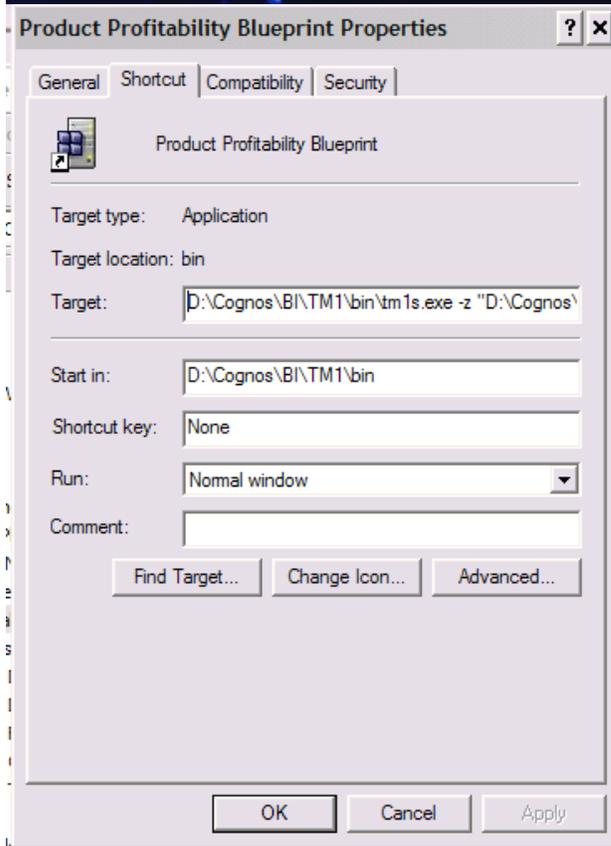


3.2.2. Modify/Create the shortcut to Server

Navigate to "<YourIBMCognosTM1_DirectoryInstall>/bin" folder; create a shortcut to tm1s.exe.



- Copy the shortcut created to "<Your_TM1_Applications_folder>\Strategic Finance Blueprint "
- Rename the shortcut to "Strategic Finance Blueprint"
- Edit the Shortcut Properties



The "Target" property of the shortcut needs to be changed to read:

```
<YourIBMCognosTM1InstallFolder>\bin\tm1s.exe -z  
"<Your_TM1_Applications_folder>\Strategic Finance Blueprint\Objects "
```

Notice that the last portion of the command is the folder where the IBM Cognos TM1 content was extracted.

- Click OK to save the changes.

3.3. Testing the new IBM Cognos TM1 Server instance

Double click onto the shortcut "Strategic Finance Blueprint" located in the folder:

```
"<Your_TM1_Applications_folder>\Strategic Finance Blueprint"
```

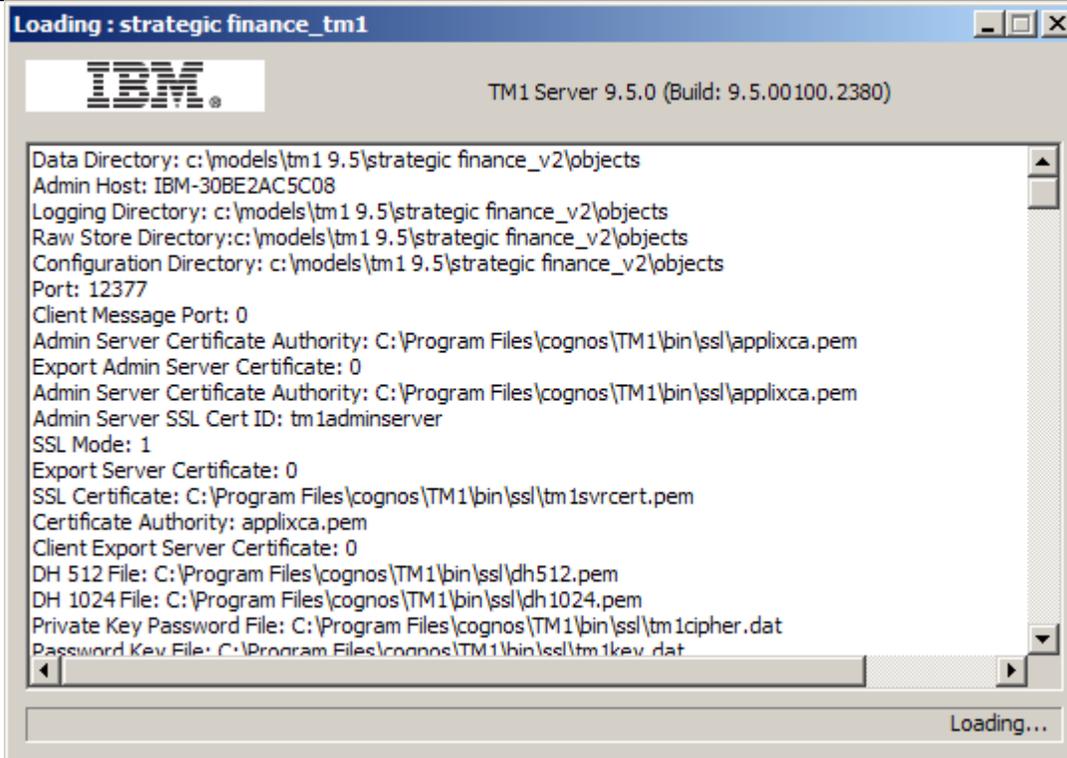
The following dialog will appear:

Innovation Center for Performance Management

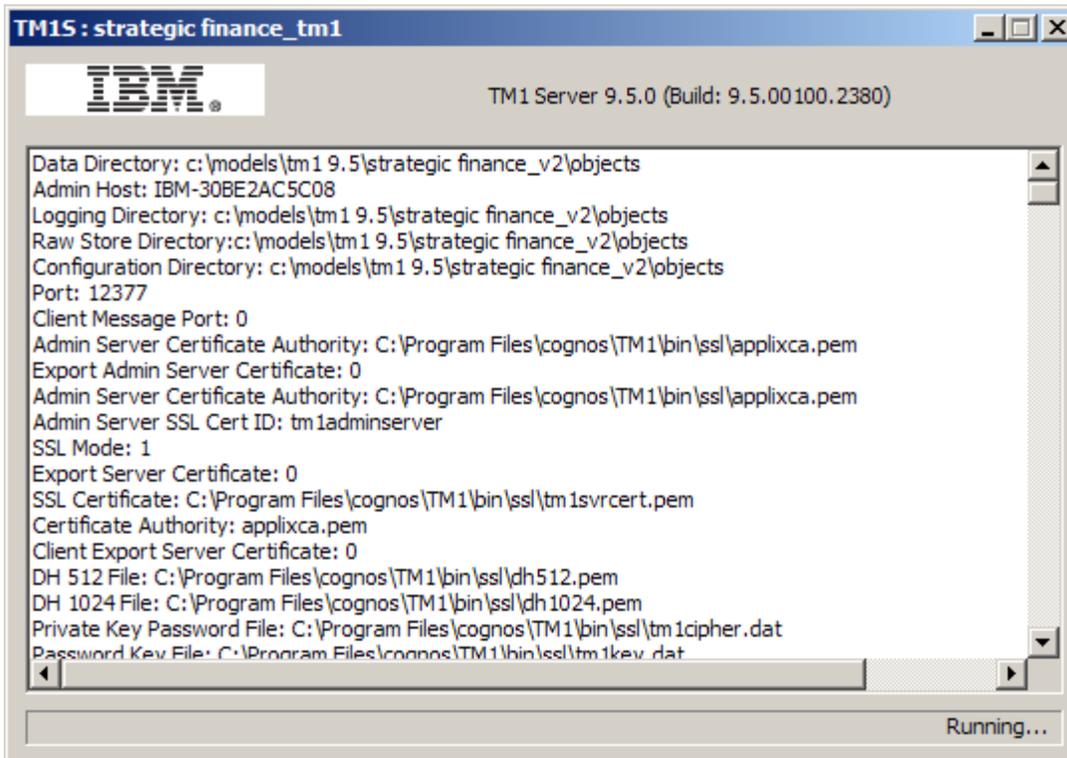
Your connection to best practices and industry leaders

Information Management

Cognos.
software



And after all the cubes have been loaded the last lines in the dialog will display:





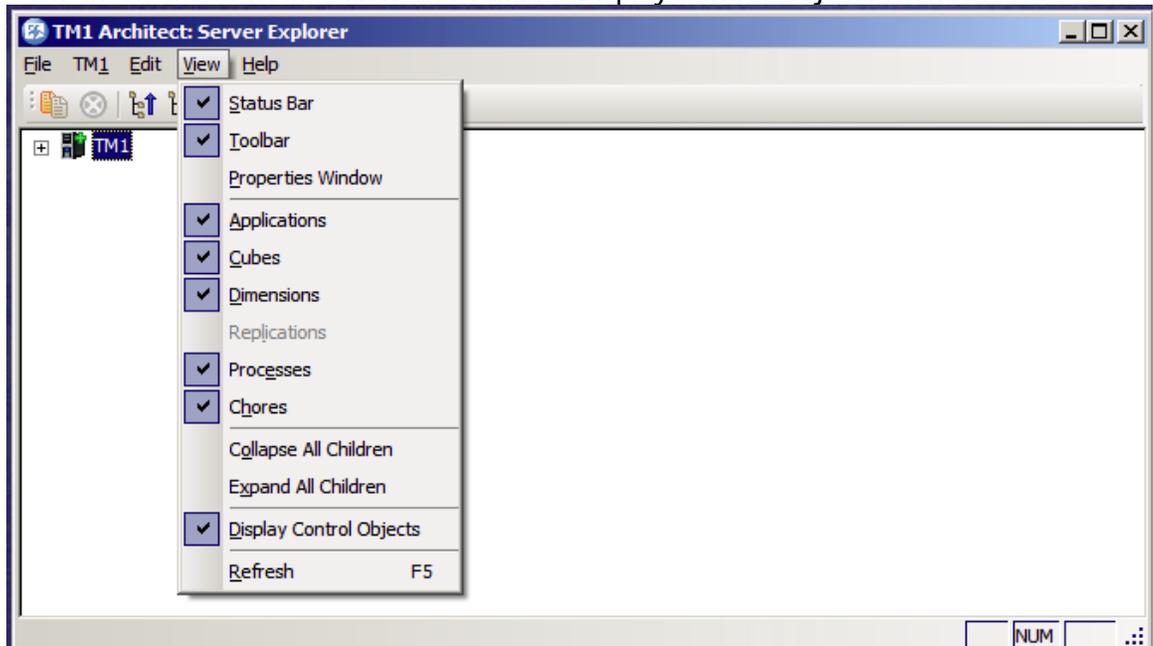
Once the newly created IBM Cognos TM1 Server instance is up and running, IBM Cognos TM1Contributor and/or Architect can be used to navigate through the content.

3.4. Setting Up the Contributor Application

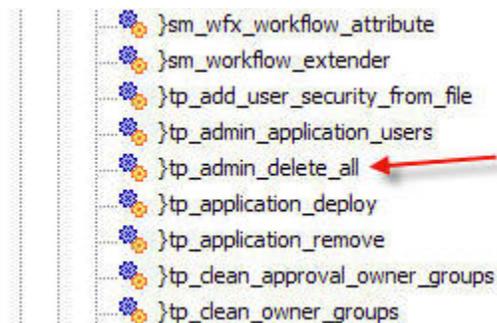
3.4.1. Open TM1 Architect

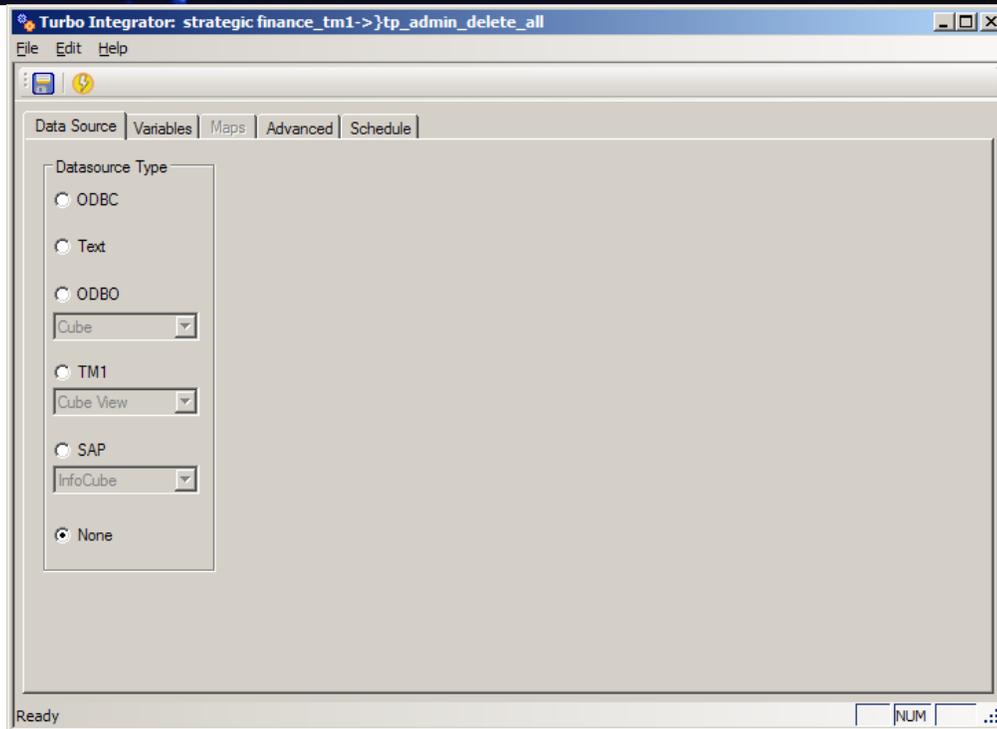
3.4.2. Double click the strategic finance_v2 application and Login as User: admin

3.4.3. Click on the Menu Item – View and validate Display Control Objects is checked



3.4.4. Expand Processes node and double click }tp_admin_delete_all





- 3.4.5. The extract process from 3.1 created the "Contributor" folder. Make sure the file "Strategic_Finance_tm1_Contributor.zip" exists in that folder. For your reference the folder is '<YourIBMCognosTM1 BlueprintFolder>\Strategic Finance Blueprint\Contributor'

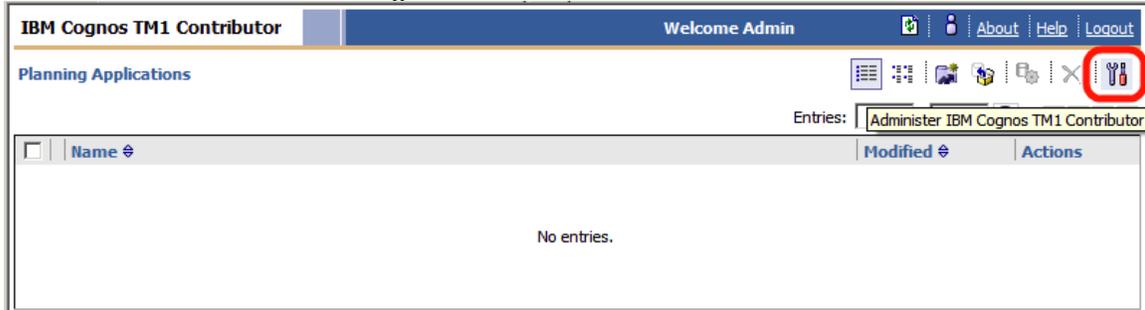
If you are launching IBM Cognos TM1 Contributor for the first time, you must set up your environment. Please refer to Chapter 5 of the TM1 Install document instructions. Once these have been completed, proceed with the following step.

- 3.4.6. Launch your TM1 Contributor environment, for example, http://yourTM1_Server/pmpsvc/ and Login as User: admin

Note: The credentials provided depend upon the Server attached to the Contributor Server. Please verify the credentials provided are valid for that Server.



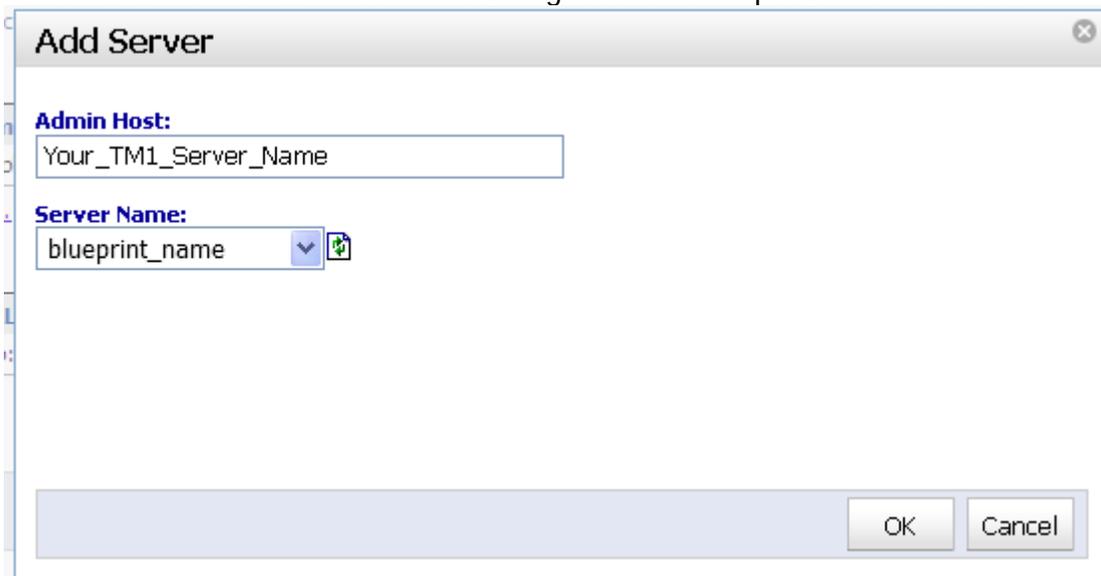
3.4.7. Click Administer IBM Cognos TM1 Contributor



3.4.8. Click Add... under the Server Names: section

3.4.9. Enter your TM1 Admin Host and click the Refresh icon

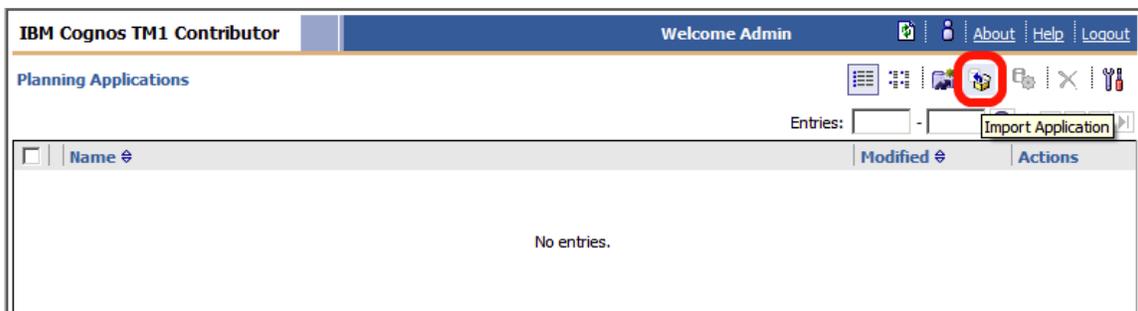
3.4.10. For the Server Name: select Strategic Finance Blueprint and click on OK



3.4.11. Click OK

3.4.12. Click OK

3.4.13. Click the Import Application icon



3.4.14. Choose your TM1ServerName: Strategic Finance Blueprint for the TM1 Server



3.4.15. Browse to "<YourIBMCognosTM1 Blueprint Folder>\Strategic Finance Blueprint\Contributor" and select the "Strategic_Finance_TM1_Contributor.zip"

3.4.16. Uncheck Import application security and Click Import

Application Import

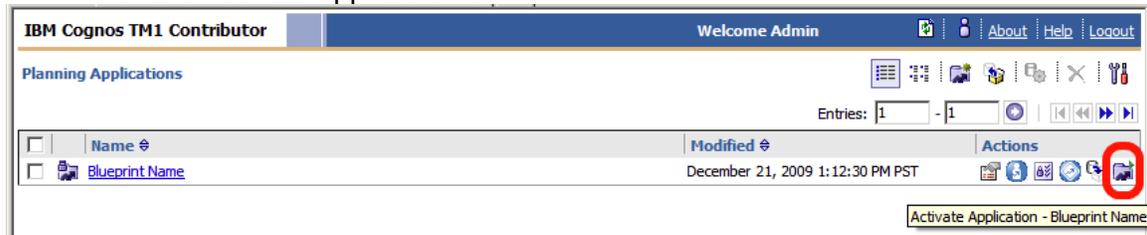
Specify your import file and import settings.

TM1 Server:
 IBM-30BE2AC5C08.home:strategic_finance_tm1

Application file:
 C:\Models\TM1 9.5\Strategic Finance_V2\Contributor\Strategic_Finance_TM1.zip

Import application security
 Import application properties

3.4.17. Click the Activate Application icon



3.4.18. Click the Strategic Finance Blueprint Application link to test; if installed correctly it should resemble the following

Name	State	Ownership	Reviewer	Last Data Commit
Corporate	Work In Progress	Admin	Corporate	April 29, 2010 4:16:26 PM PDT
Legal Entity A	Not Started	None	Corporate	Never committed
Legal Entity B	Not Started	None	Corporate	Never committed
Legal Entity C	Not Started	None	Corporate	Never committed



4. IBM Cognos BI Content

The following steps will navigate through the steps required to configure the objects needed for the IBM Cognos BI content to work properly.

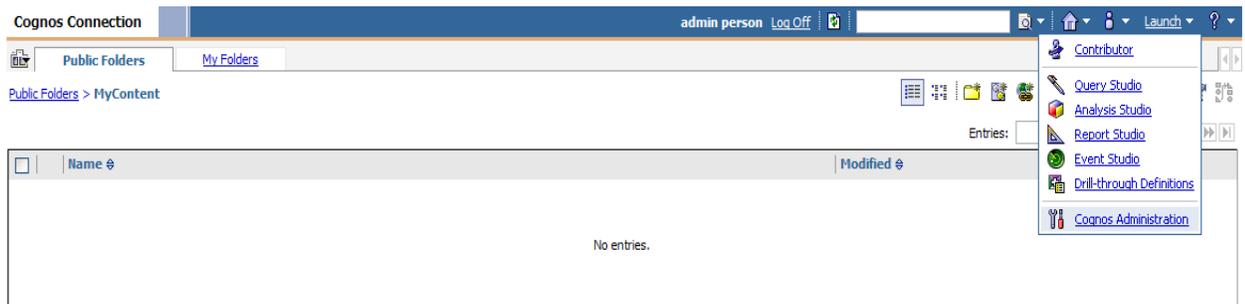
4.1. Create the data sources

First, we will look into creating the connections to the data sources.

4.1.1. Create 'Strategic Finance Blueprint' data source

Open a browser window and go to IBM Cognos Connection. If Authentication is setup, login with a directory Administrator user.

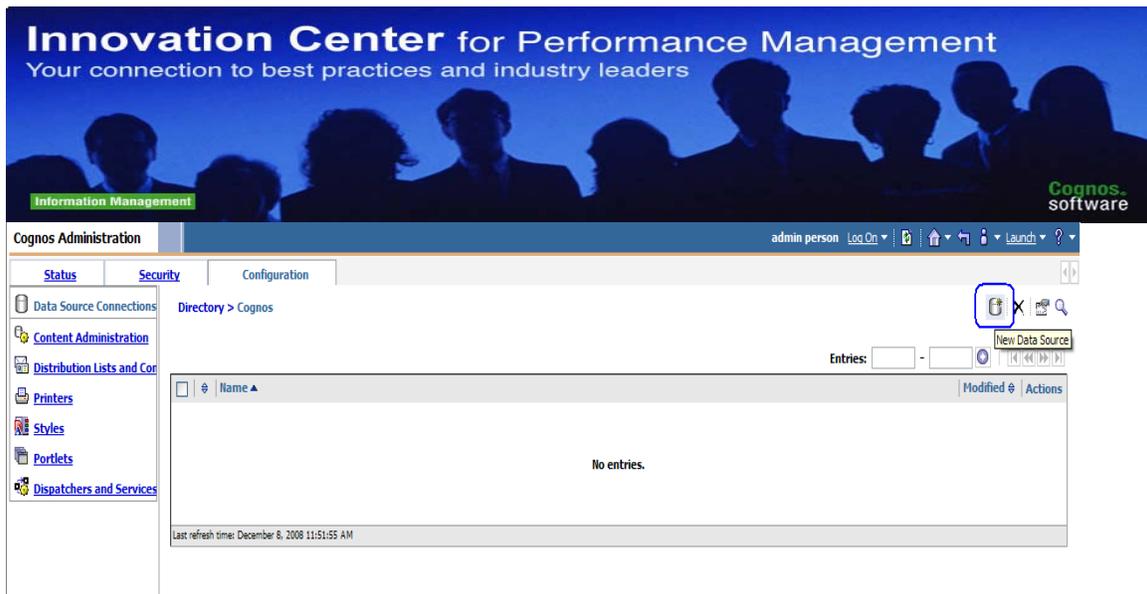
Click on to Launch and select IBM Cognos Administration



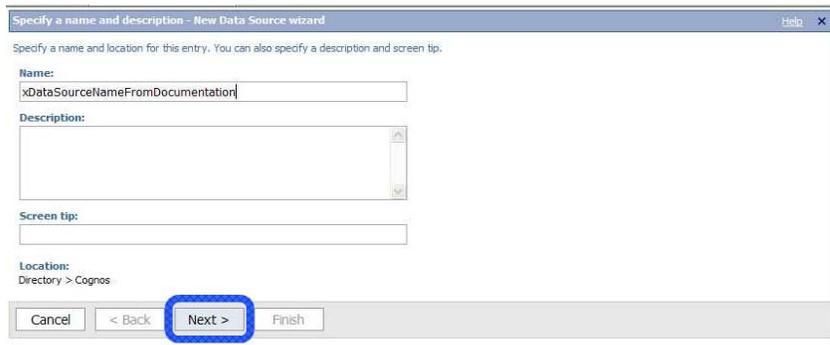
Click on the Configuration tab; make sure 'Data Source Connections' is selected



Click the Data Sources tab then click the New Data Source Icon 



Name the Data Source exactly as: "Strategic Finance Blueprint" then click Next >





Select the 'TM1' option; then click Next >

Specify the connection - New Data Source wizard

Specify the parameters for the connection of this new data source. The name of the data source is used to set the name of the connection.

Type:

- IBM Cognos Finance
- IBM Cognos Finance
- IBM Cognos Now! Cube
- IBM Cognos Planning - Contributor
- IBM Cognos Planning - Series 7
- IBM Cognos PowerCube
- IBM InfoSphere Warehouse cubing services (XMLA)
- Composite (ODBC)
- IBM Cognos Virtual View Manager (ODBC)
- DB2
- Hyperion Essbase/IBM DB2 OLAP Server
- Informix
- Microsoft SQL Server (ODBC)
- Microsoft SQL Server (OLE DB)
- Microsoft SQL Server (SQL 2005 Native Client)
- Microsoft Analysis Services (via ODBO)
- Microsoft Analysis Services 2005
- ODBC
- Oracle
- Progress OpenEdge
- Red Brick (ODBC)
- SAP BW
- Sybase Adaptive Server Enterprise (CT-Lib)
- Sybase Adaptive Server Enterprise (CT-15)
- Teradata (ODBC)
- TM1**
- XML
- Other type

Fill out the options for the connection then click [Test the connection...](#)

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IBM Cognos Administration

Status

Security

Configuration

Data Source Connections

- Content Administration
- Distribution Lists and Contacts
- Printers
- Styles
- Portlets
- Dispatchers and Services

Administration Host:

IBM-30BE2AC5C08

Server Name:

strategic finance_tm1

Signon

Select the type of authentication to use, whether a password is required and whether to create a signon.

- No authentication
- An external namespace:
- Signons

Password

Create a signon that the Everyone group can use:

User ID:

admin

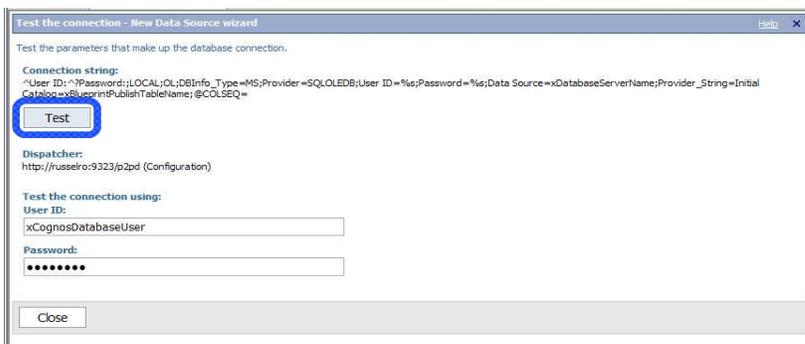
Password:

Confirm password:

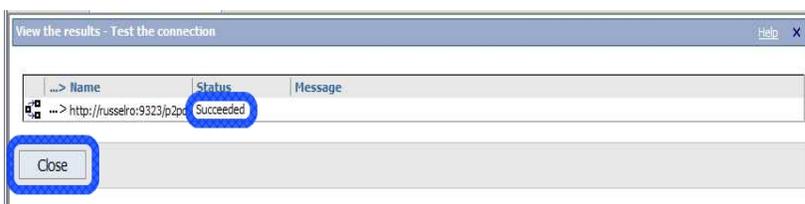
Testing



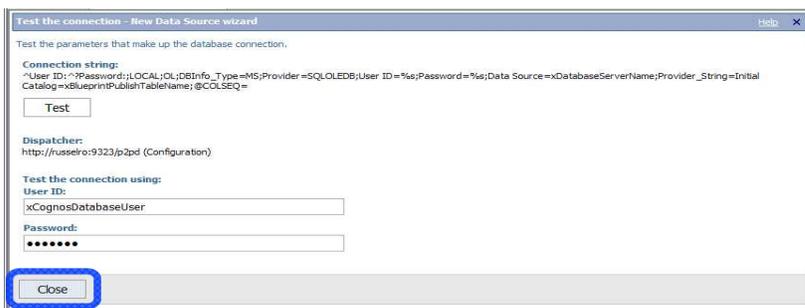
Click Test to verify the connection is setup correctly



The following screen should indicate Succeeded below the Status then click Close

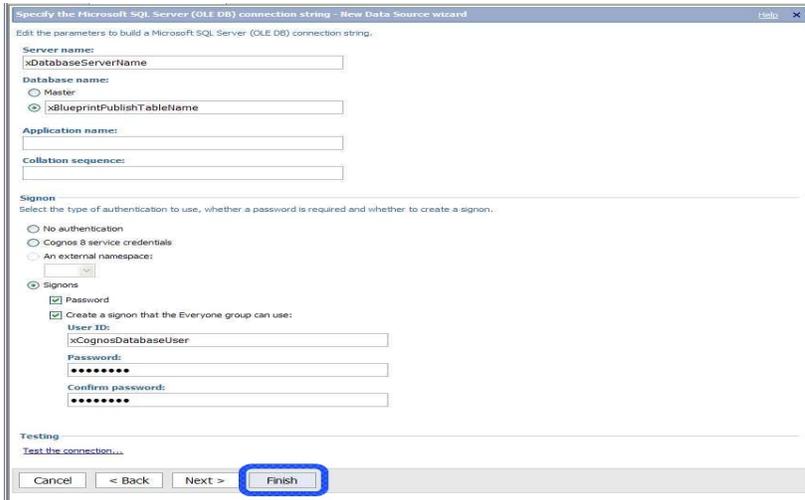


Click Close



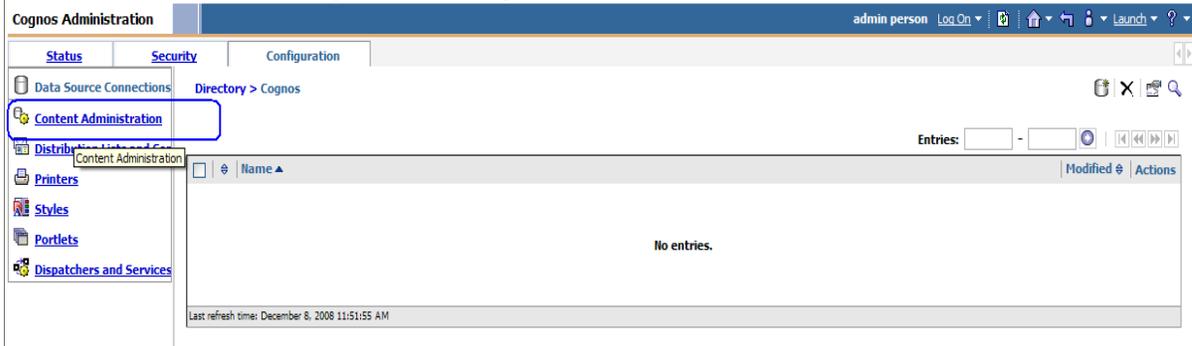


Click Finish to add the new data source

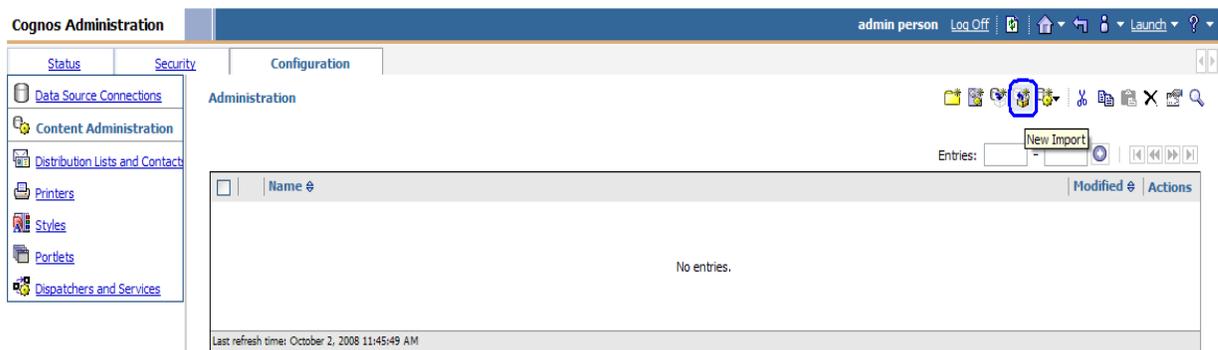


4.1.1.1. Run the import wizard to bring in the BI Content into the IBM Cognos Connection portal

From the screen in the previous step, select Content Administration

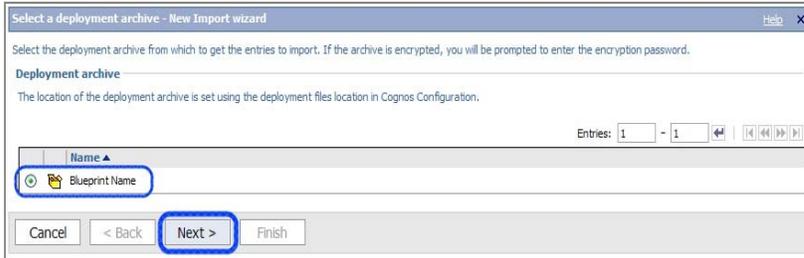


Click the New Import icon 

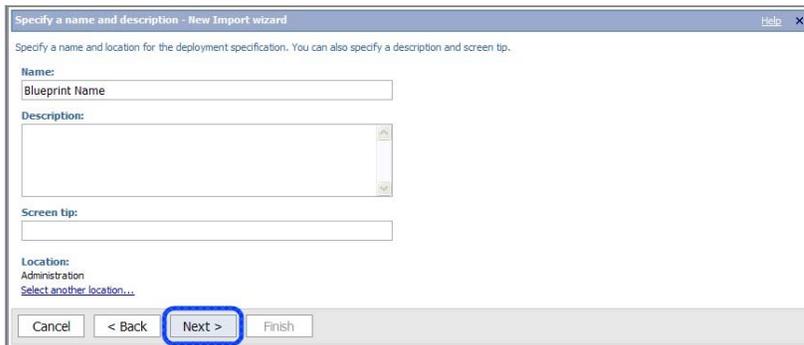




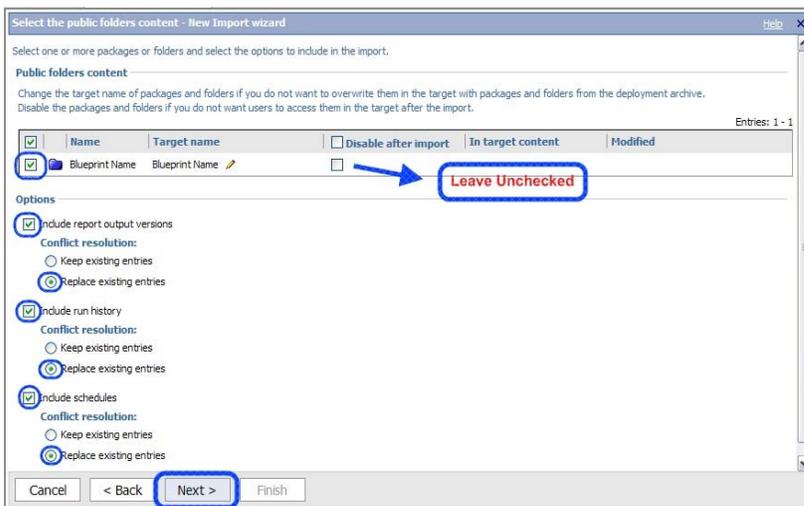
Select the import package named 'Strategic_Finance_Blueprint_BI_Deployment'; then click Next >



Verify the Name is 'Strategic_Finance_Blueprint_BI_Deployment' then click Next >



Specify the options and DO NOT check 'Disable after import' then click Next >





Specify the general options, select 'The user performing the import' and 'New entries only' then click Next >

Specify the general options - New Import wizard

Specify the options applicable to all the entries in the import.

Access permissions

Include access permissions

Apply to new entries only

Apply to new and existing entries

External namespaces

Include references to external namespaces

Do not include references to external namespaces

Entry ownership

Set the owner to:

The owner from the source

The user performing the import

Apply to:

New entries only

New and existing entries

Buttons: Cancel, < Back, Next >, Finish

Review the summary options selected then click Next >

Review the summary - New Import wizard

The Import wizard is ready to import into the target environment.

If you want to change any settings, click Back.

If you are satisfied with the settings and want to select whether to run, schedule, or save only, click Next.

Deployment specification

Name: Blueprint Name Description:

Deployment archive

Name: Blueprint Name

Public folders content

Name	Target name	Disable after import	In target content	Modified
Blueprint Name	Blueprint Name			

Options:

Include report output versions

Replace existing entries

Include run history

Replace existing entries

Include schedules

Replace existing entries

Directory content

Buttons: Cancel, < Back, Next >, Finish

Choose 'Save and run once' then click Finish

Select an action - New Import wizard

Select whether you want to run, schedule, or save only, when the wizard does.

Action:

Save and run once

Save and schedule

Save only

Buttons: Cancel, < Back, Next >, Finish



Specify the time to run the import select 'Now' and 'Keep the existing report specifications versions' then click Run

Run with options - Blueprint Name

Select when you want to run this import.

Time:
 Now
 Later:
May 22, 2008
2 : 48 PM

Content:

Name
<input checked="" type="checkbox"/> Content store
<input checked="" type="checkbox"/> Directory
<input checked="" type="checkbox"/> Cognos namespace
<input checked="" type="checkbox"/> Public Folders
<input checked="" type="checkbox"/> Blueprint Name

Report specification upgrade
You may want to keep existing report specification versions for compatibility with existing applications.
 Upgrade all report specifications to the latest version
 Keep the existing report specification versions

Run Cancel

Check 'View the details of this import after closing this dialog' then click OK

Cognos 8

You selected to run 'Blueprint Name' as follows:
Time: now
Report specification upgrade: Keep the existing report specification versions

View the details of this import after closing this dialog

Click OK to run the import or click Cancel to return to your selection.

OK Cancel

Initial view of the import deployment record will be blank press the 'Refresh' hyperlink

View run history details - Strategic Finance Blueprint Help X

View the details of this particular run. Refresh

Start time:
October 2, 2008 11:48:59 AM

Completion time:
Unavailable

Status:
Executing

Messages

Severity: (All) [v] Entries: [] - [] [] [] [] [] []

Time	Message
No entries.	

Close



If the deployment import has not finished click on 'Refresh' again until it shows a completion time then click Close

The screenshot shows the Cognos Administration web interface. The main content area is titled "View an import deployment record - Blueprint Name - Import". It displays the following information:

- Start time:** December 8, 2008 12:57:54 PM
- Completion time:** December 8, 2008 12:57:55 PM (highlighted with a blue box)
- Status:** Succeeded
- Messages:** A table with one entry: "CM-REQ-2300 Import is complete. 1 object(s) were imported. 0 object(s) failed."
- Deployment archive:** Name: Blueprint Name
- Public folders content:** A table with one entry: "Blueprint Name" with target name "Blueprint Name" and a "Disable after import" checkbox.
- Options:** A list of checkboxes for "Include report output versions", "Include run history", and "Do not include schedules".
- Directory content:** A list of checkboxes for "Do not include Cognos groups and roles", "Do not include distribution lists and contacts", and "Do not include data sources and connections".
- General Options:** A list of checkboxes for "Do not include access permissions", "Do not include references to external namespaces", and "Set the owner to the user performing the import".

A "Close" button is located at the bottom left of the main content area, highlighted with a blue box.

4.2. Testing IBM Cognos Dashboards Content

After the Import is performed a new folder will show up a new folder 'Strategic Finance Blueprint' in the IBM Cognos Connection portal. The content of this folder will display as:



Public Folders > Strategic Finance Blueprint

Name	Modified	Actions
Dashboard Pages	April 13, 2010 8:01:53 AM	More...
Packages	March 30, 2010 12:05:01 PM	More...
Reports	April 13, 2010 8:22:02 AM	More...
Strategic Finance Blueprint Dashboard PortalPage	April 13, 2010 8:08:17 AM	More...
Strategic Finance Dashboard	April 13, 2010 8:06:08 AM	More...

Two different user entry point are available. The First one: "Strategic Finance Dashboard PortalPage" use the IBM Cognos BI dashboard capabilities to make all the content available through multiple portal tabs within one page. And, "Strategic Finance Dashboard" makes all the content available through a single report simulated a multi-page dashboard.

Both user entry point offer the same capabilities with a different user experience.

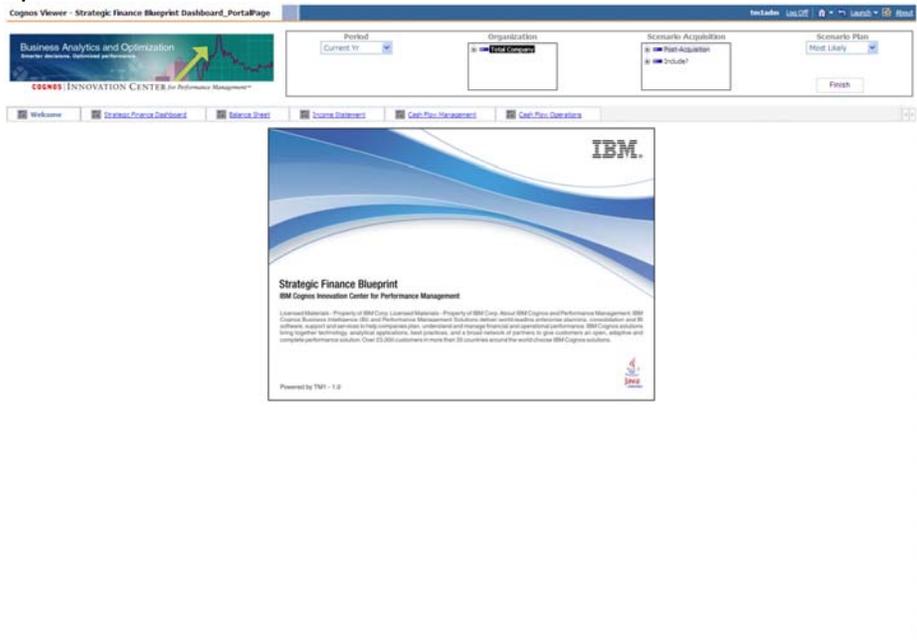
To test the content is coming up correctly; launch either of the following:

- "Strategic Finance Dashboard" shortcut. The following screen should come up:





- "Strategic Finance Dashboard PortalPage" shortcut. The following screen should come up:



Then, testing can be performed on each of the dashboard pages to obtain the dashboards displaying your organization's data.