

Oracle® Argus Insight

Installation Guide

Release 7.0

E22883-01

April 2011

Oracle Argus Insight Installation Guide, Release 7.0

E22883-01

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Preface

Audience

This document is intended for all Argus Insight administrators who need to install the Argus Insight application.

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Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Introduction

Introduction

Argus Insight is a highly optimized reporting module that compliments Argus Safety. The Argus Insight Extract Transfer and Load (ETL) engine extracts data from the Argus Safety database and populates a data warehouse in a format to enable efficient querying. The various query, drill-down, and output features of Argus Insight let you analyze your safety, workflow, or product data from all angles and produce reports that provide immediate business impact and maximum efficiency in decision-making.

The following table describes the conventions that are used in this manual.

Convention	Description
Bold	User interface elements like Buttons, Dialog boxes, Check boxes, Combo boxes, Drop-down lists, Labels, Option (Radio) buttons, Tabs, Text boxes, etc.
Note:	Information that should be noted before proceeding.
Important!	Important information that must be noted to ensure accurate, reliable, or safe behavior of the system.
Tip:	Information that enables easier completion of the current task or helps in completing other tasks.

This chapter includes the following topics:

- Argus Insight Product Overview
- Hardware and Software Requirements

Note: **Power Reports** has been renamed **Argus Insight** and the two terms have been used interchangeably in this document.

Argus Insight Product Overview

In Argus Insight, you can generate a report in either of the following ways:

- Through a query, retrieve a set of specific type of cases (*Case Series*) from the datamart and then run the report on only those cases.

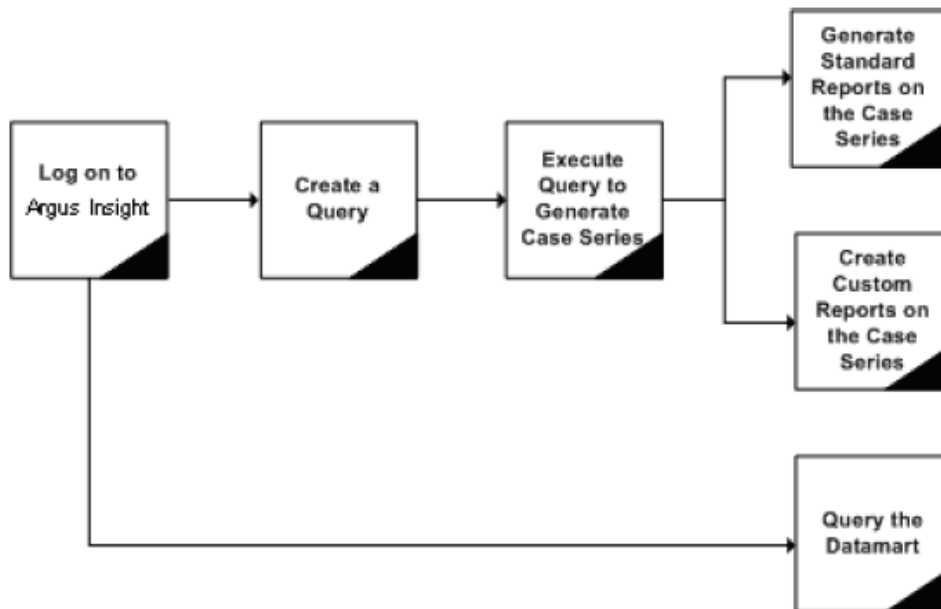
Use these Argus Insight components to retrieve the Case Series: *Query By Example (QBE)*, *Filters*, and *Advanced Conditions*. Next, run one of these reports on the Case

Series: the built-in *Standard Reports* or the custom reports you create and store in the *Report WriterLibrary*.

- Run the report on all the cases in the datamart.

Use these Argus Insight components to directly query the datamart and run reports: *Cubes* and *Report Writer*. Another component that directly generates reports from the datamart is *Dashboard Indicators*. Dashboard Indicators are pre-configured by the administrator.

The following flowchart shows the typical for generating a report.



The table that follows describes the various components of Argus Insight:

Component	Description
Query by Example (QBE)	Lets you create simple queries by entering specific values in fields on a form that looks substantially like the Argus Safety case form
Filters	Lets you create queries by selecting a set of predefined fields and specifying multiple values in a field
Advanced Conditions	Lets you create complex queries by selecting any of the various different fields in the datamart and applying Boolean and Set operations on them
Case Series	A list of cases that match the query criteria
Standard Reports	Predefined reports built into Argus Insight These reports are grouped into these categories: <ul style="list-style-type: none"> ■ Compliance ■ Management ■ Pharmacovigilance ■ Configuration ■ General Typically, these reports are run on the Case Series

Component	Description
Report Writer	<p>Lets you query the datamart and create custom reports by selecting any datamart fields as report columns. In the report output, you can apply filters, create nested groupings, and perform operations such as sort, total, count, and drill</p> <p>The custom reports you create can be stored in the Report Writer Library or added to the Argus Insight application; you can run the stored reports on a Case Series.</p>
Cubes	<p>Lets you run complex queries on the datamart and statistically analyze, drill-down, and explore the results</p> <p>Argus Insight has six predefined Cubes: Reporting -Compliance, Workflow, Pharmacovigilance-PV Detail, Pharmacovigilance-PV General, Pharmacovigilance-PV Clinical, and Pharmacovigilance-PV Interaction</p>
Dashboard Indicators	<p>Special reports that provide an insight into key parameters that let you monitor product performance and workflow efficiency.</p> <p>Dashboard Indicator reports are pre-configured by the administrator and are generated directly from the datamart.</p>

Hardware and Software Requirements

The following table summarizes the hardware and software requirements for Argus Insight components.

Hardware and Software Requirements

Argus Insight Web Server	<p>Software Requirements:</p> <ul style="list-style-type: none"> ■ Operating System: Windows 2008 Server (32-bit) - Service Pack 2 (Standard / Enterprise) ■ Dotnet Framework 3.5 Service Pack 1 ■ IIS 7.0 <p>Note: For IIS 7.0, IIS 6.0 compatibility pack should also be installed.</p> <ul style="list-style-type: none"> ■ Oracle v11.2.0.1 (Client) (with SQL Plus, SQL Loader, Oracle and OLEDB Objects) ■ Oracle Data Provider for .Net v11.2.0.1 ■ Microsoft Internet Explorer 7.0/8.0 ■ SOAP Toolkit 3.0 ■ Microsoft Visual C++ 2008 Redistributable ■ MSXML 6.0 <p>Note: The Web server should be configured for SMTP.</p> <p>Hardware Requirements:</p> <ul style="list-style-type: none"> ■ Up to 5000 cases in the system: 2x2.6 GHz, 4 GB Memory ■ More than 5000 cases in the system: 4x2 GHz, 8 GB Memory
Cognos Server	<p>Software Requirements:</p> <ul style="list-style-type: none"> ■ Operating System: Windows 2008 Server (32-bit) - Service Pack 2 (Standard / Enterprise) ■ Dotnet Framework 3.5 Service Pack 1 ■ IIS 7.0 <p>Note: For IIS 7.0, IIS 6.0 compatibility pack should also be installed.</p> <ul style="list-style-type: none"> ■ Oracle Client v11.2.0.1 (with SQL Plus, SQL Loader, Oracle and OLEDB Objects) ■ Oracle Data Provider for .Net v11.2.0.1 ■ Microsoft Internet Explorer 7.0/8.0 ■ SOAP Toolkit 3.0 ■ Cognos 8.4.1 BI Server (Default installation with all components except Cognos Content Database) ■ Cognos 8.4.1 BI Modeling (Default installation with all components) ■ Cognos 8.4.1 SDK (Default installation with all components) ■ Cognos 8.4.1 Transformer (Default installation with all components) <p>Hardware Requirements:</p> <ul style="list-style-type: none"> ■ Up to 5000 cases in the system: 2x2.6 GHz processors, 4 GB Memory ■ More than 5000 cases in the system: 4x2 GHz processors, 8 GB Memory

Hardware and Software Requirements

Database Server	<p>Software Requirements:</p> <p>Operating System:</p> <ul style="list-style-type: none">■ Windows 2008 Server (32-bit) - Service Pack 2 (Standard/ Enterprise)■ Oracle Enterprise Linux x86 (v5.5.0.0.0)■ Oracle Enterprise Linux x86-64 (v5.5.0.0.0)■ Solaris 10 <p>Hardware Requirements:</p> <ul style="list-style-type: none">■ Up to 5000 cases in the system: 2x2 GHz, 4 GB Memory■ More than 5000 cases in the system: 4x2 GHz, 16 GB Memory
Argus Insight Client	<p>Software Requirements:</p> <ul style="list-style-type: none">■ Microsoft Excel 2007/2010■ Adobe Acrobat Reader v9.0.3■ Windows XP Professional - Service Pack 3/ Windows 7■ Microsoft Internet Explorer 7.0/8.0 <p>Hardware Requirements:</p> <ul style="list-style-type: none">■ 2.0 GHz Minimum, 1 GB Memory

Important Installation Information

Before installing Argus Insight, you need to be aware of some important points. These points have been listed in the following sections, as applicable.

For Argus Insight and Cognos Web Server:

- All softwares must be installed using the language as English. For example, if Oracle is installed in a language other than English, the registry entries are created with different names. Hence, to avoid errors, install all softwares in English.
- Ensure that you have disabled the firewall on the Cognos Web Server. If the firewall is enabled, ensure that Cognos is accessible from other machines on the network.
- Ensure that either you have disabled the firewall on the Argus Insight Web Server or you have added the Argus Insight Port Number in the Windows Firewall Exception list. The default Port Number for Argus Insight is 8084.
- All the servers used should be in the same time zone.
- Oracle client should be installed with the default Oracle Home Name, provided by the Oracle installer. Failure to do so will display an error message, stating that the Oracle OLE DB provider was not found during installation.
- On the Argus Insight Web Server, Oracle Client installation should be done after the installation of the Dotnet Framework.
- All the servers must have the default language settings enabled for US English.
- During installation verification, the system shows that files from Cognos 8 folder are missing. Users can ignore this error.

For Argus Insight Client Machine:

- Cookies must be enabled to the lowest possible security level on Argus Insight client to run the Argus Insight.
- Javascript must be enabled on Argus Insight Client machine.
- Make sure that the Internet Explorer setting "Allow script-initiated windows without size or position constraints" is enabled on the client machine at the following location:
Internet Explorer -> Tools -> Internet Options -> Security Tab -> Custom Level -> Miscellaneous.
- Argus Insight URL must be added to the trusted sites on the Client machine.
- If you are unable to open the Cognos Report Writer from Argus Insight using Internet Explorer 8, execute the following steps on each Argus Insight client machine where this issue is encountered:
 - a. Open Internet Explorer and go to Tools -> Internet Options.
 - b. Click the Security tab and add the Argus Insight URL under Trusted Sites -> Sites.
 - c. Within the Security tab, go to Trusted Sites and click Custom Level -> Scripting -> Enable XSS Filter.
 - d. Select the Disable radio button and click OK.

-
- e. Click OK in Internet Options to save the changes and exit.
 - Execute the procedure below to enable this feature.
 - a. Run regedit in the run command
 - b. Go to HKEY_USERS -> .DEFAULT -> Control Panel-> International
 - c. Select sCountry from the right pane. Set this entry as United States.
 - d. Press OK to overwrite.
 - e. Reboot the server.

These settings will set the language for the default user profile as U.S. English.

General Information:

- Single Sign On (through Oracle Access Manager) in Argus Safety does not work if Cognos is LDAP enabled. In this scenario, you will be presented with the Argus Insight Login screen.
- All the information about LDAP, Single Sign-On Header, and SMTP configuration will be synchronized in real-time and also by ETL.
- Ensure that you have configured the Argus Safety URL in the Argus Safety Load Balancer Server. To do so, go to Argus Console > System Management (Common Profile Switches) > Network Settings, and provide the Argus Safety URL or the Argus Safety Load Balancer URL in the Argus Safety Load Balancer Server text box.

Installation Procedures

This chapter explains how to install Argus Insight on the Web Server and Cognos Server. Before you begin, make sure you have read the Hardware and Software Requirements topic.

Follow these installation procedures in the order in which they appear:

- [Install Argus Insight Components on the Web Server](#)
- [Install Argus Insight Components on the Cognos Server](#)

2.1 Install Argus Insight Components on the Web Server

Before running the Argus Insight Installer, make sure you have created the Argus Insight database instance and that it is running. Also, the database should have been created by using the character set of your Argus Safety database.

The Argus Insight installer installs these components:

- Argus Insight v7.0 application
- Universes, Standard Reports, and Cubes
- Schema Creation Tool

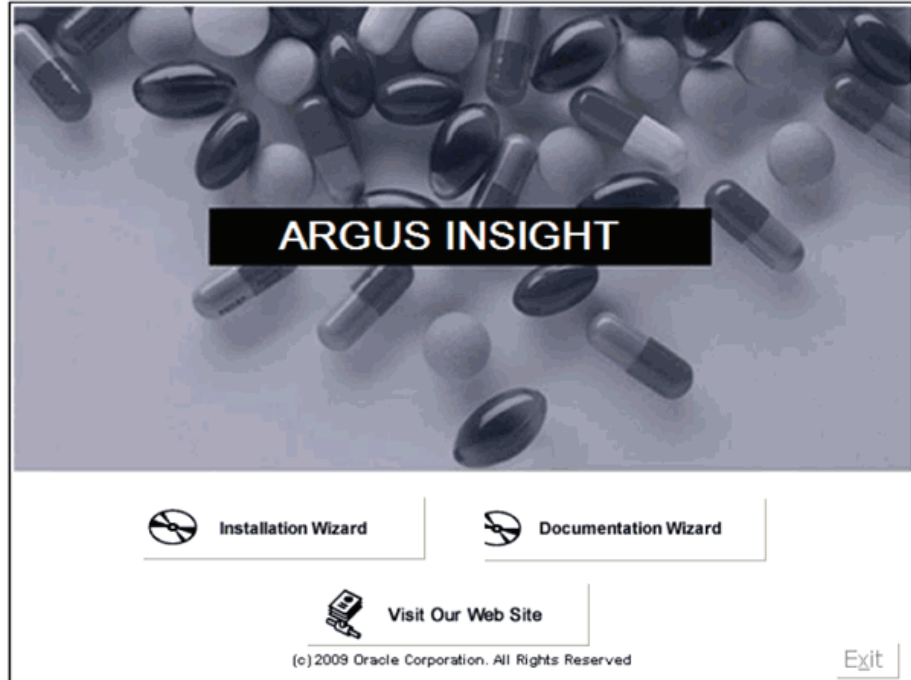
2.1.1 Prerequisites

Caution: 1. On the Argus Insight Web Server, make **IUSR** user a member of the **Administrators** group.

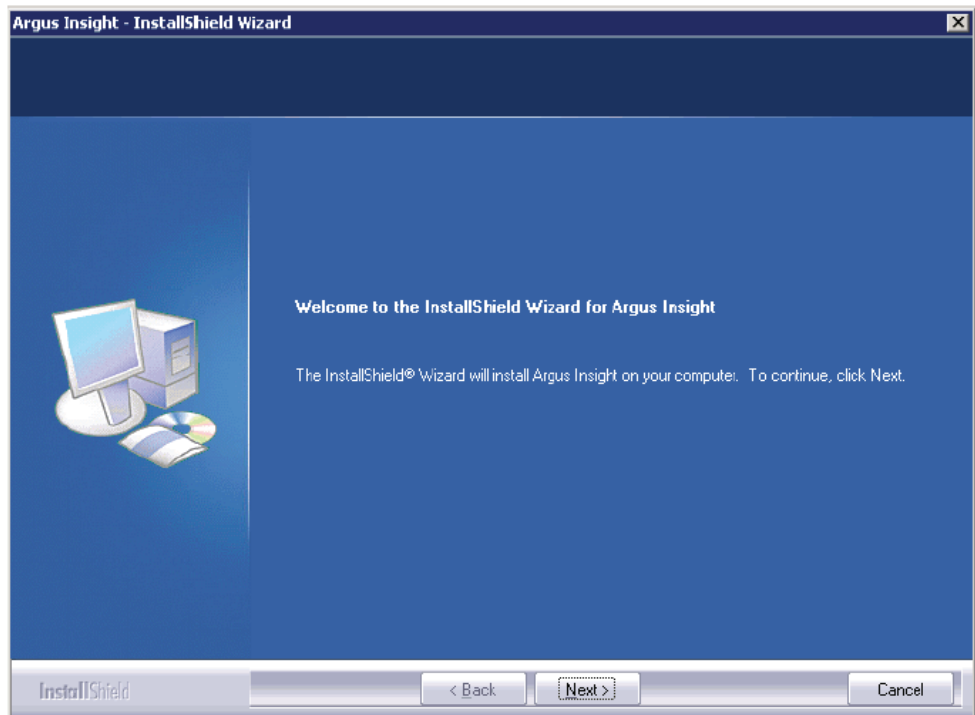
2. Ensure that ASP and ASP.Net extensions are enabled in IIS on the Argus Insight and Cognos Web Server.

Follow these steps to run the Installer and install the preceding components:

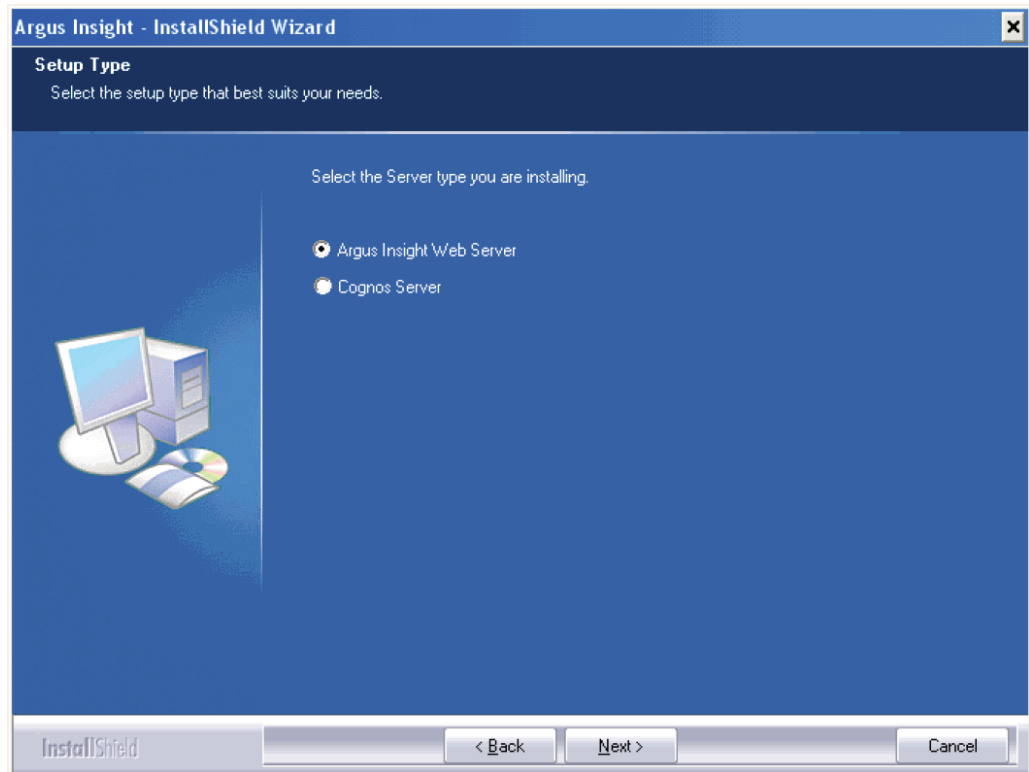
1. Log on to the Argus Insight Web Server as an Admin user.
2. Insert the Argus Insight v7.0 CD into the CD-ROM drive of your Argus Insight Web Server or copy the Argus Insight software locally on the Insight web server.
3. Click Launch.exe.
4. Click Installation Wizard.



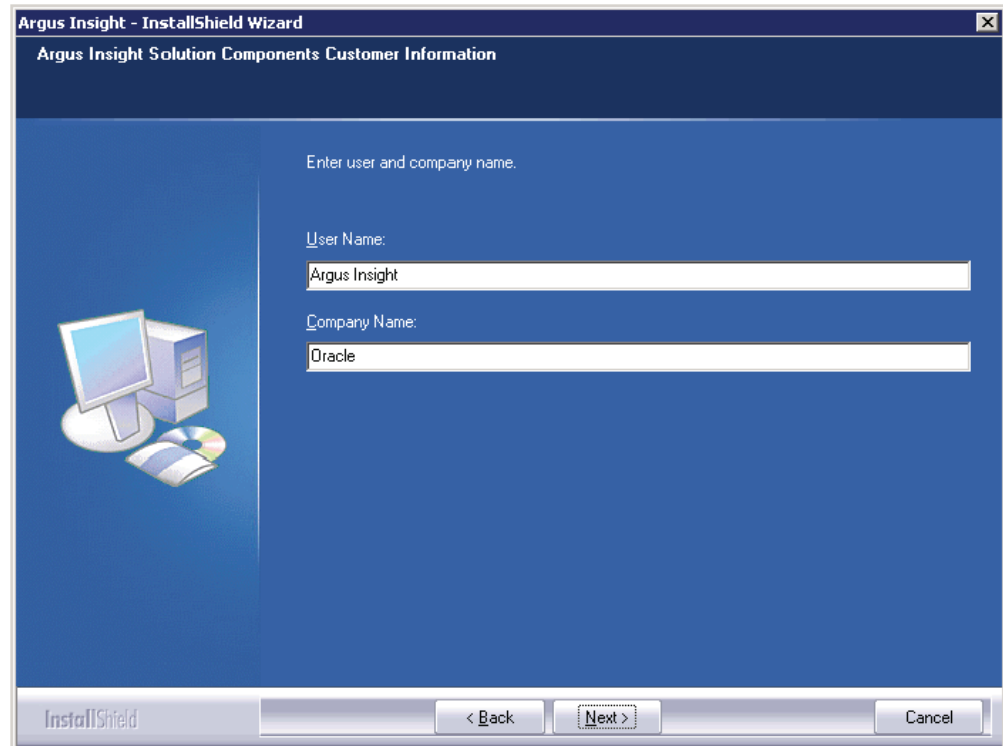
5. When the system opens the following dialog, click **Next>**.



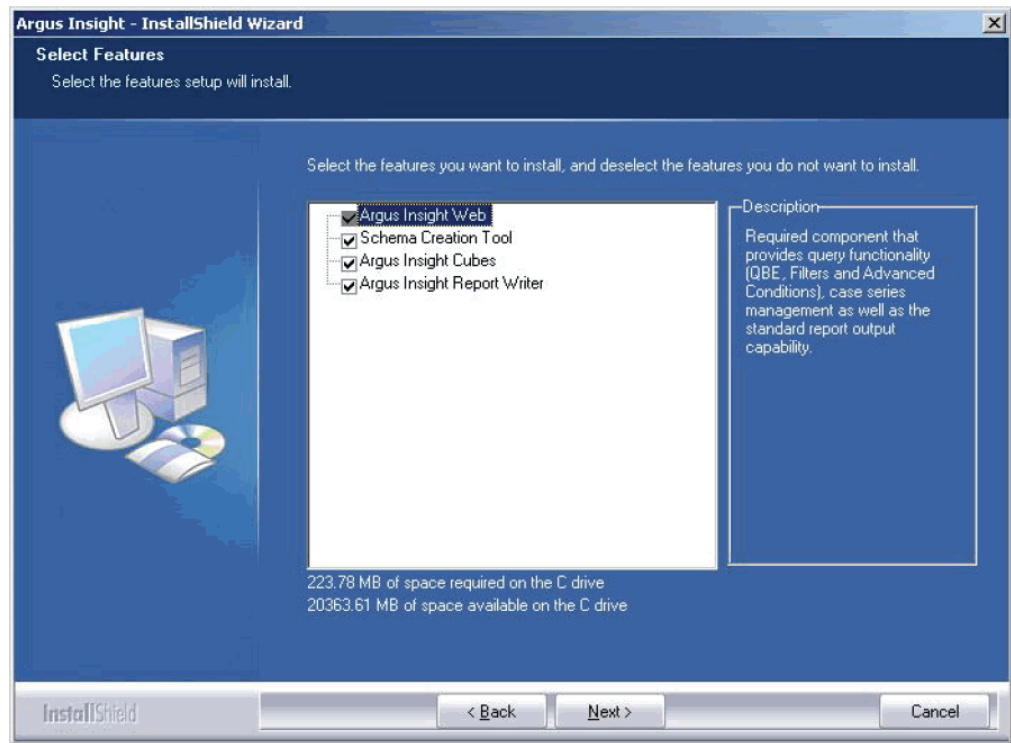
6. Select the Argus Insight Web Server option. Click **Next>**.



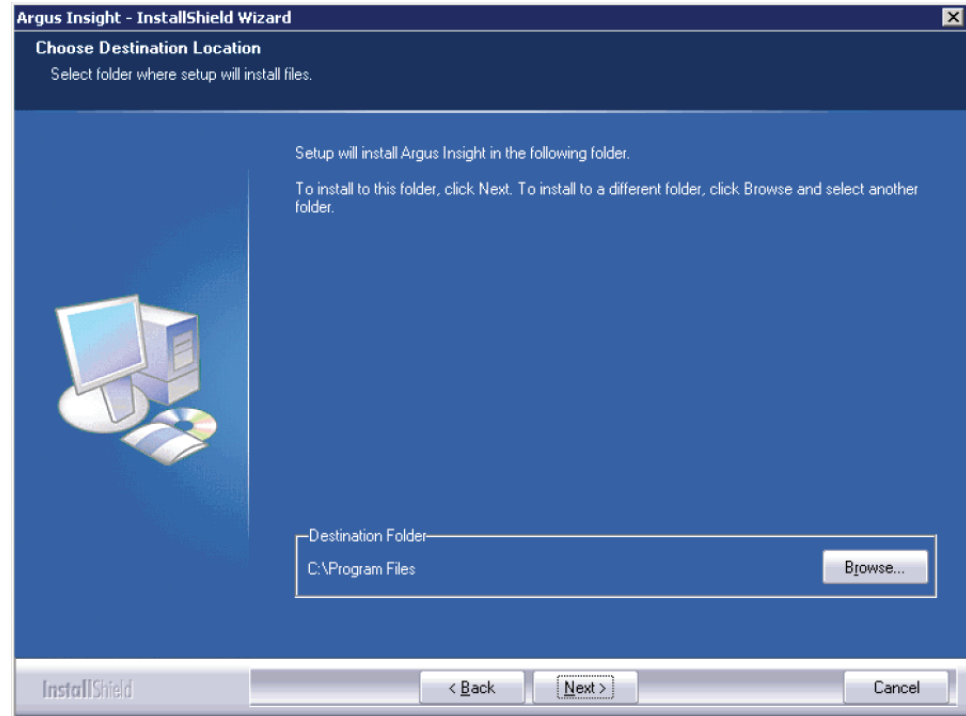
7. Enter User Name and Company Name. Click **Next**.



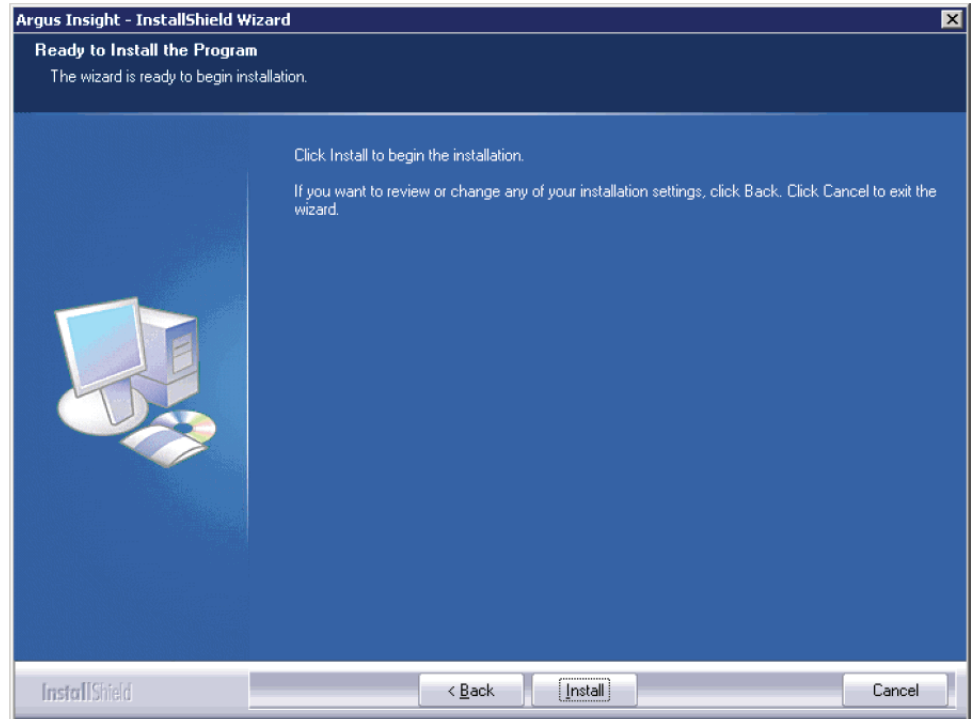
8. Select the required checkboxes, as per the components you want to install. Click **Next**.



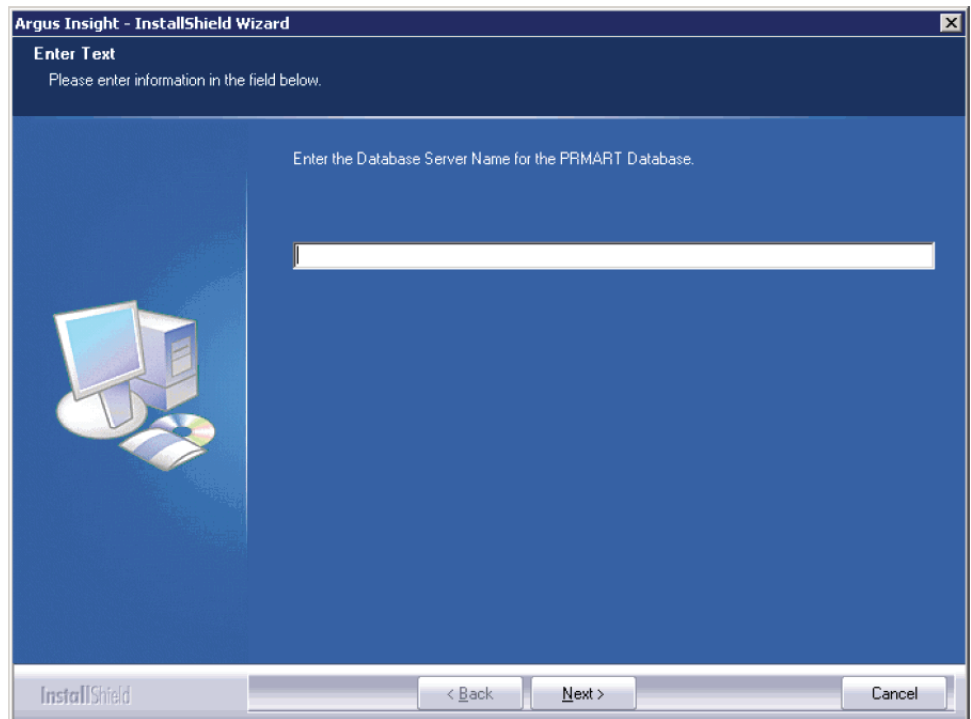
9. Click **Next** to accept the default installation location: **C:\Program Files\Oracle**. Click **Browse** if you want to specify an alternate installation location.



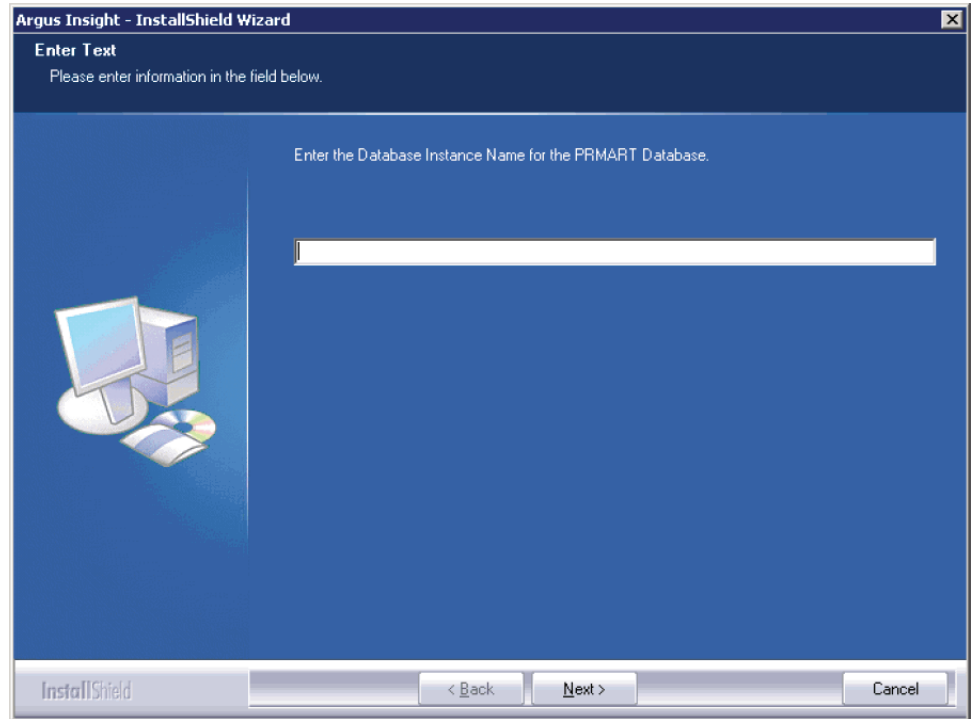
10. Click **Install** to start the installation.



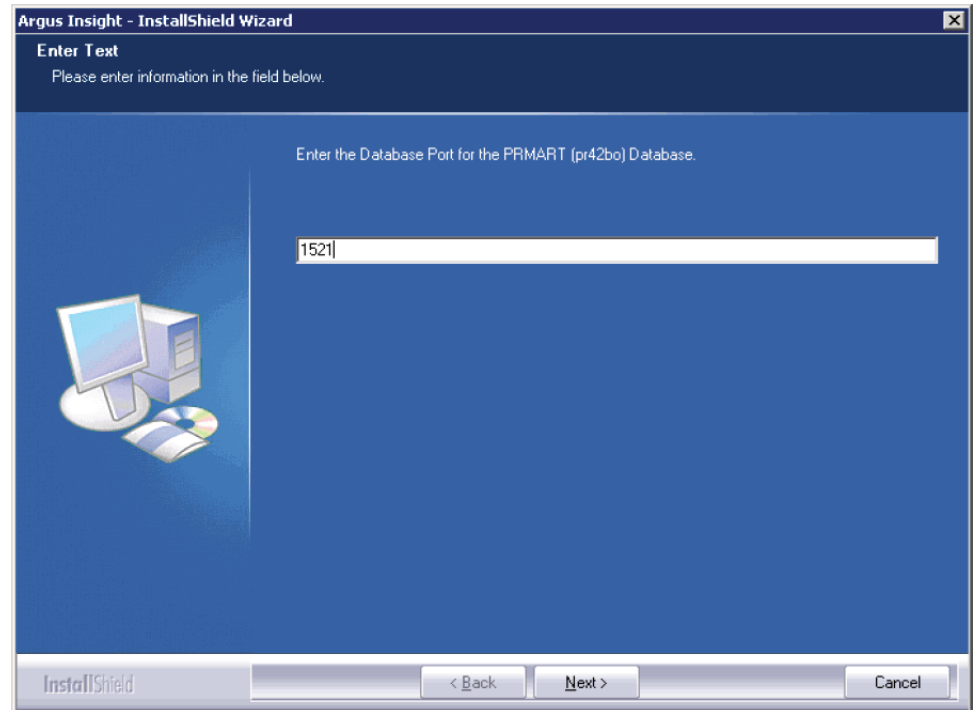
11. When the system opens the following screen, enter the name of the host database server where the Argus Insight datamart is located. Click **Next>**.



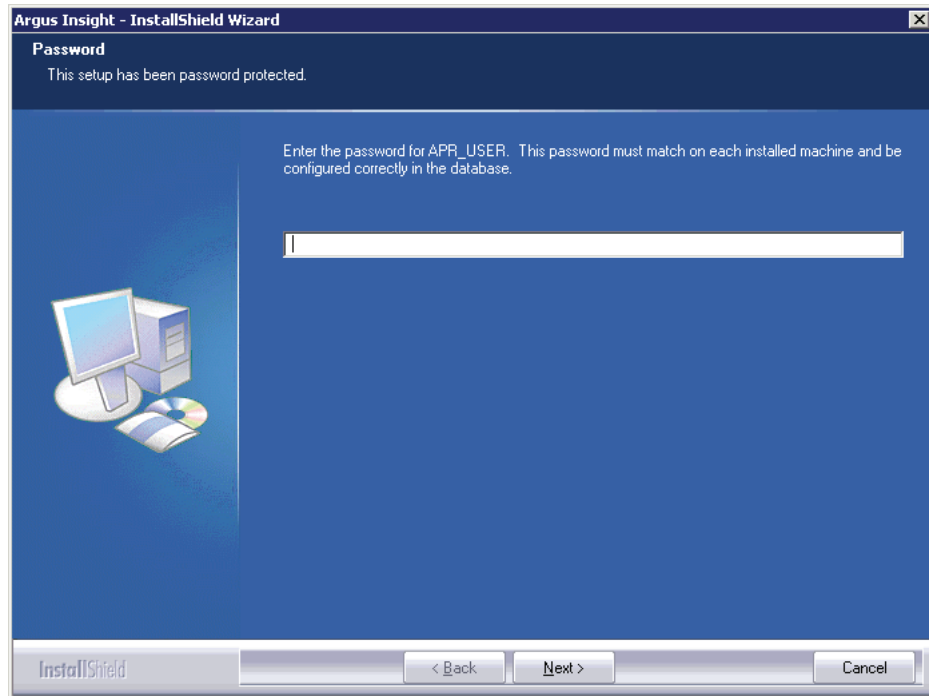
12. When the system opens the following screen, enter instance name for the Argus Insight datamart. Click **Next>**.



13. Enter the database port number you want to assign to the Argus Insight database. Click **Next>**.



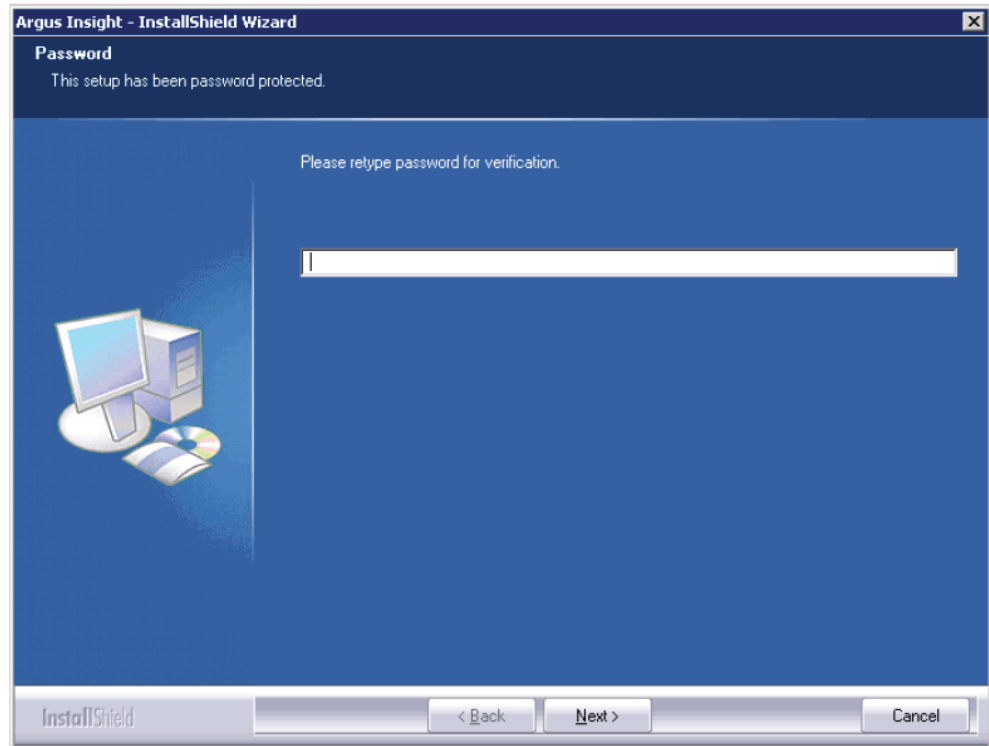
14. When the system presents the following message, wait while the Installation Wizard updates the TNSNAME.ORA file.
15. Enter the password for APR_USER.



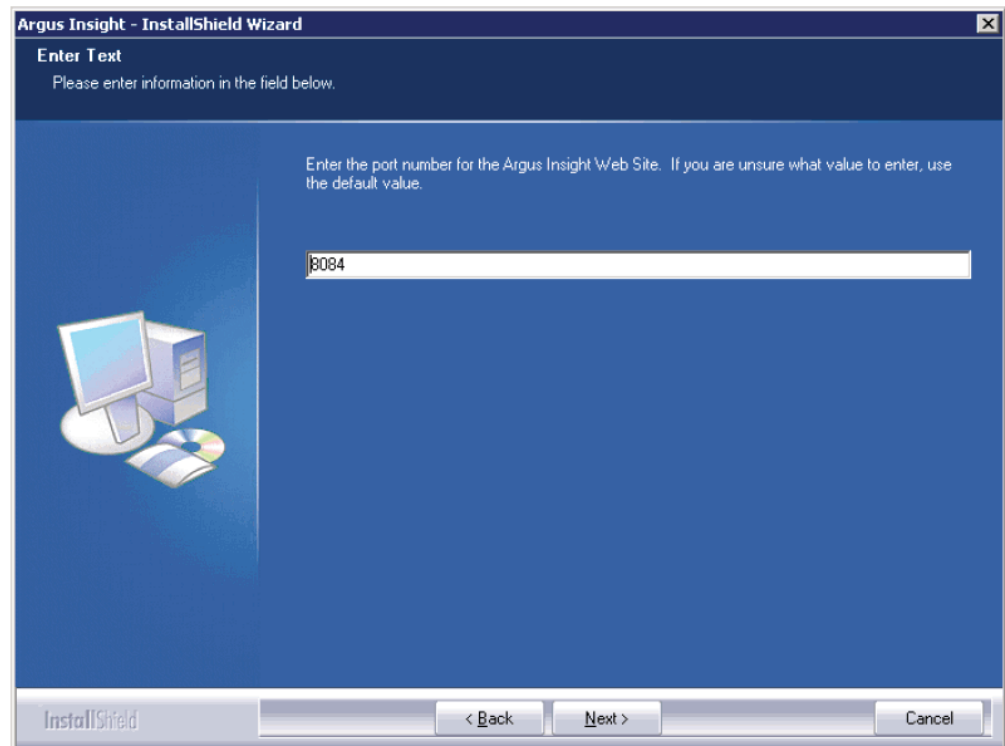
Note: This database user provides initial database access to application user (APR_APP) of Argus Insight. In previous versions, this user was having a hardcoded password which has been removed in this version. Please make sure that this password is same on all machines where any Argus Insight components are stored.

You will be prompted to create/update this user during schema creation. You can modify this password by running the Argus Insight installer using modify option. For information about updating the APR_USER password see "Updating the APR_User Password".

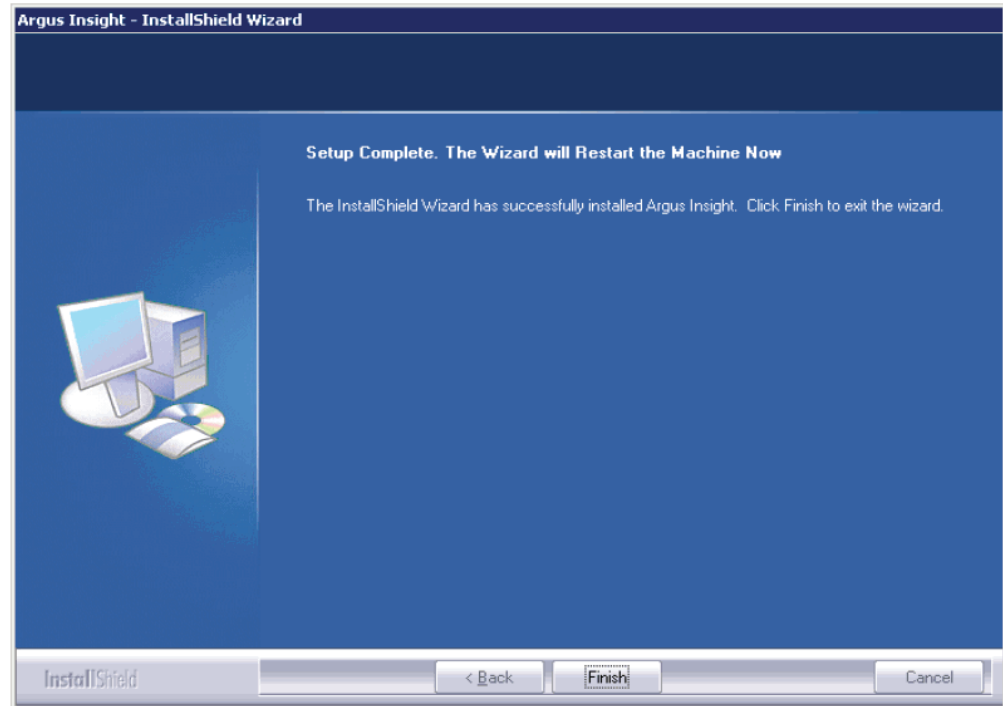
16. When the system opens the following screen, re-enter the password for APR_USER for verification.



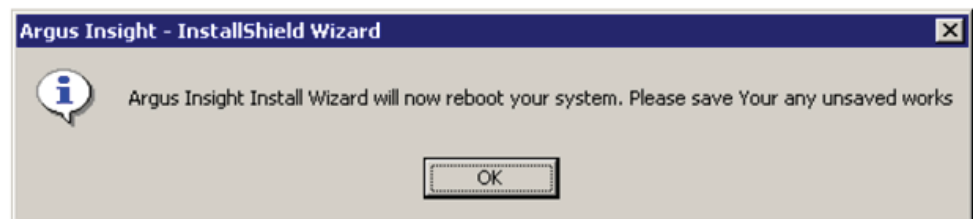
17. When the system opens the following dialog box, enter the port number you want to assign to the Argus Insight Web site. Click **Next**.



18. When the system opens the following dialog box, click **Finish**.



19. The system presents the following message. Click **OK** to restart the Argus Insight Web Server.



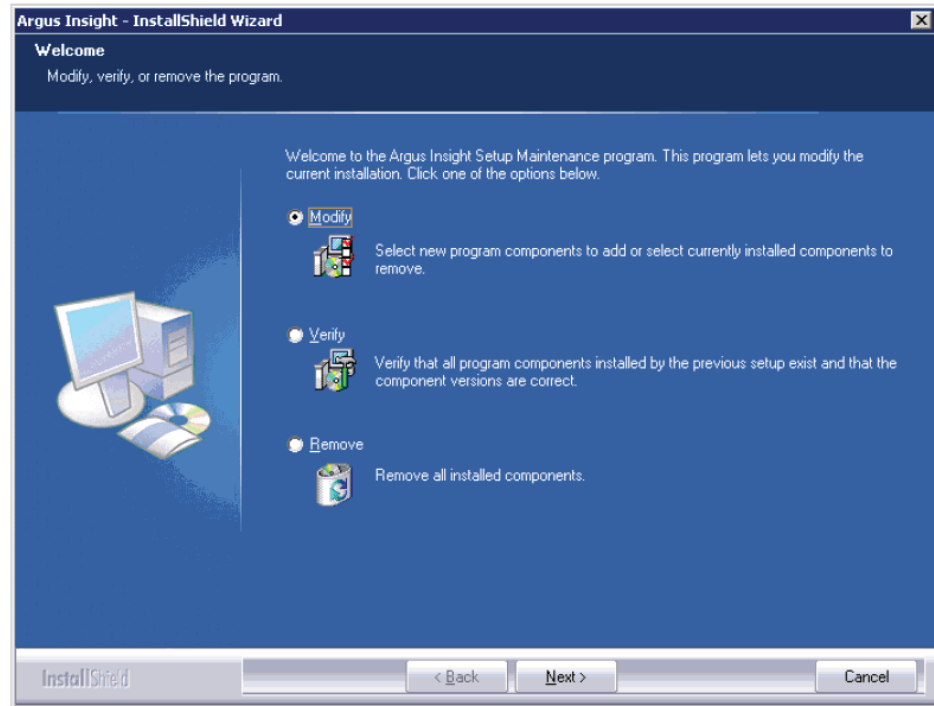
2.1.2 Updating the APR_User Password

Please make sure to do the following before updating the password for APR_USER on any of the Insight server:

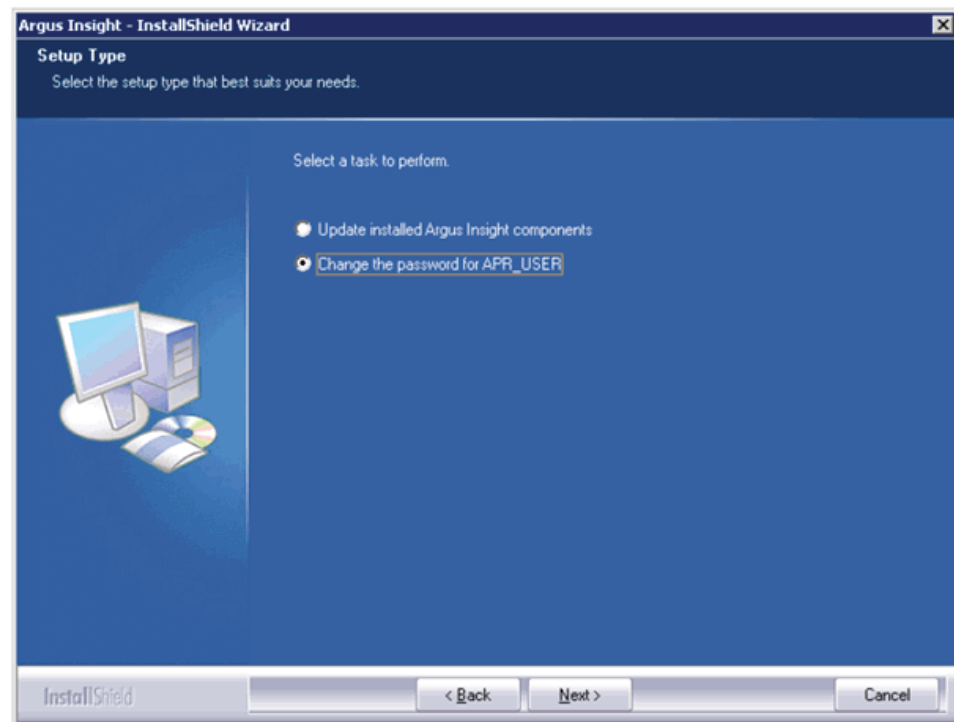
- Stop the Argus Insight and Argus Perceptive Services
- Stop IIS on the Insight Web server and Cognos server
- Stop the Cognos service on Cognos server
- Update the password of APR_USER on database level

You can modify the password for APR_USER on any Insight server by running the Argus Insight installer.

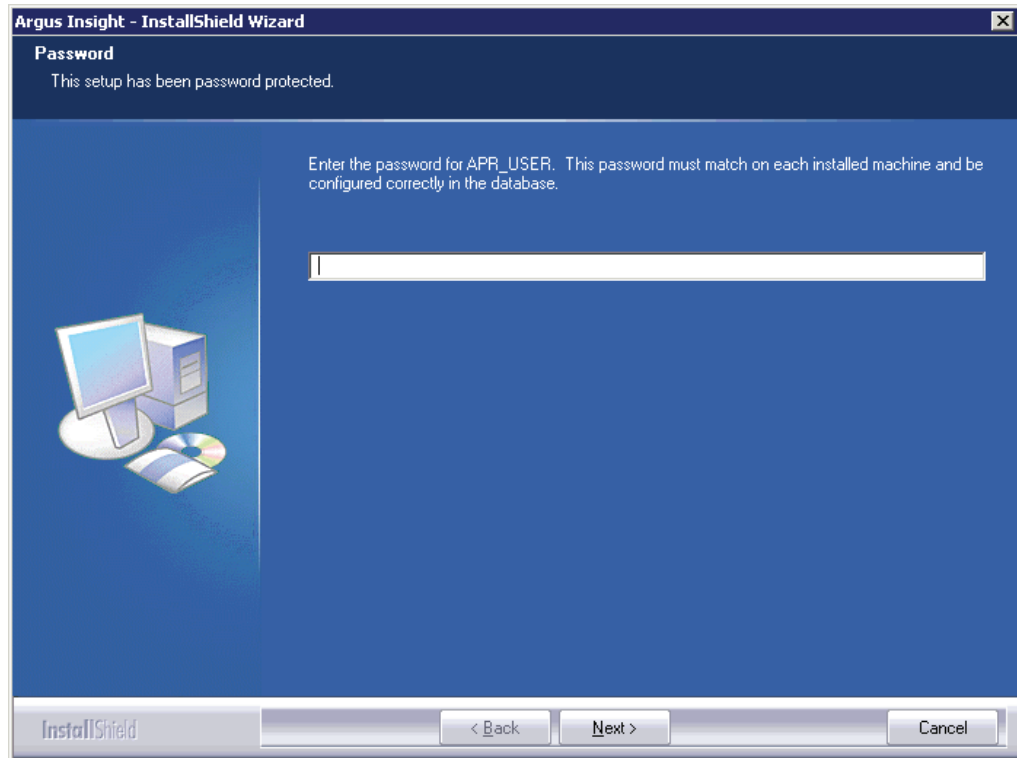
1. Start the Argus Insight installer.
2. When the system opens the following dialog box, select **Modify**. Click **Next>**.



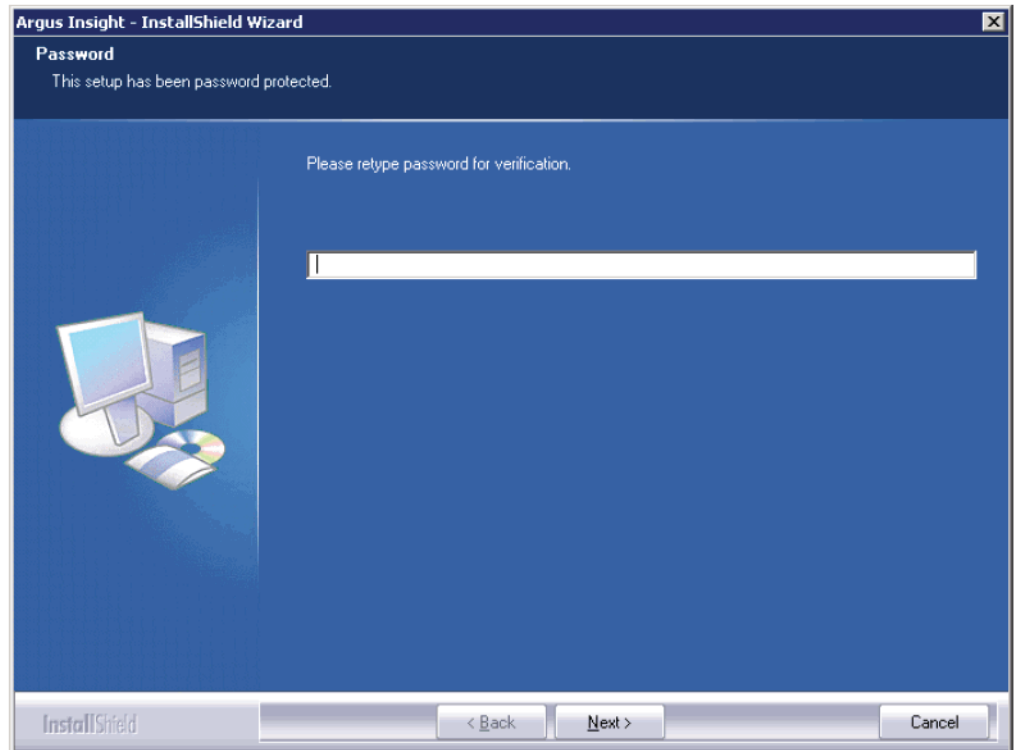
3. When the system opens the following dialog box, select **Change the password for APR_USER**. Click **Next>**.



4. When the system opens the following dialog box, enter the **APR_USER** password. Click **Next>**.



5. When the system opens the following dialog box, enter the **APR_USER** password a second time for verification. Click **Next>**.



The password of APR_USER is updated successfully.

2.1.3 Configuring the Cognos 8 Software Development Kit (SDK)

Use the following procedure to configure the Cognos 8 SDK:

1. Copy the CDK.dll, cognosdotnet_2_0.dll, and cognosdotnetassembly_2_0.dll from the Cognos Server placed at C:\Program Files\Cognos\c8\sdk.
2. Paste all these files in <Insight Installation Directory>/Oracle/ArgusInsight/Bin folder.
3. Register the CDK.dll using **regsvr32** command from command prompt. For example: regsvr32 "C:\Program Files\Oracle\ArgusInsight\bin\cdk.dll"
4. Go to Start > Run and type **assembly**. A new window opens. In this window, drag and drop the cognosdotnet_2_0.dll and cognosdotnetassembly_2_0.dll files from the <Insight Installation Directory>/Oracle/ArgusInsight/Bin directory.

2.1.4 Configuring the ADODB for Scheduling

Use the following procedure to configure the ADODB:

1. Go to Start > Run and type **assembly**. A new window opens. In this window, drag and drop the adodb.dll from the <Insight Installation Directory>/Oracle/ArgusInsight/Bin directory.

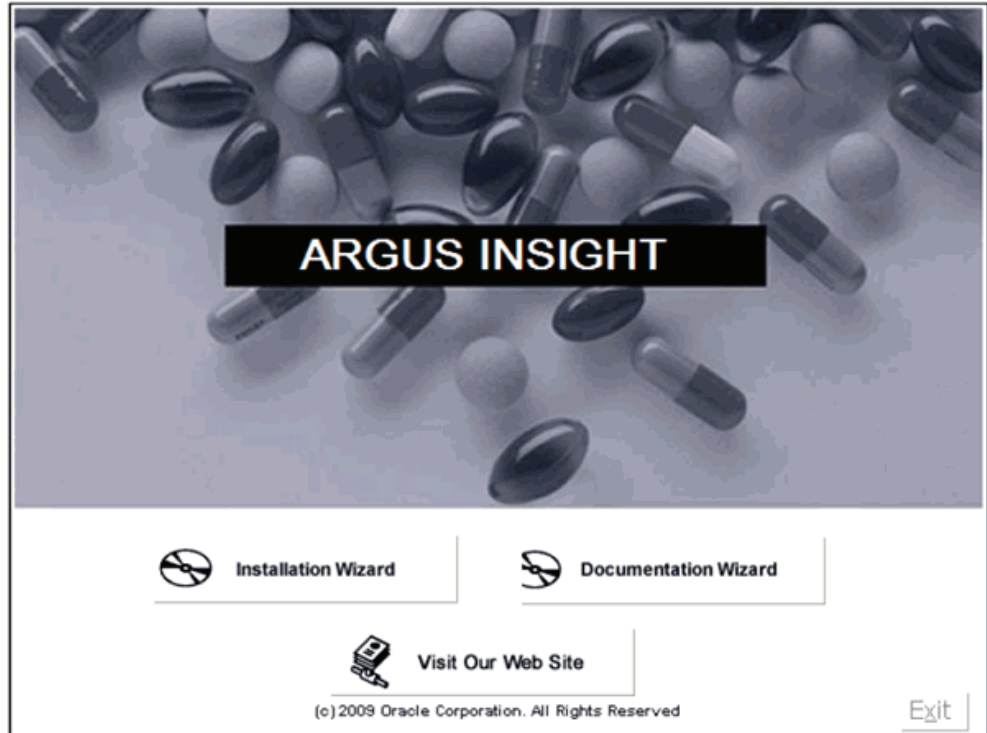
2.2 Install Argus Insight Components on the Cognos Server

Before performing this installation be aware of the following:

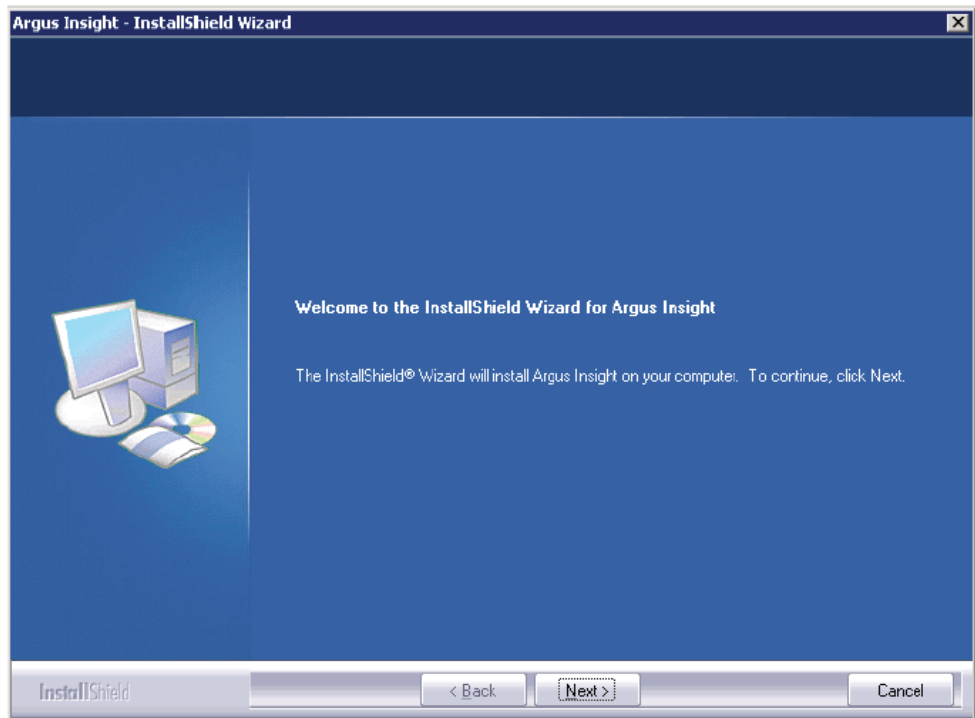
- This installation is required **only** if you are using different servers for Argus Insight and Cognos 8/Cognos Cubes.
- If you are using Cognos Series 7.4 software, install this component on the server where the Series 7.4 software is installed.

Use the following procedure to install Argus Insight components on the Cognos 8 Server:

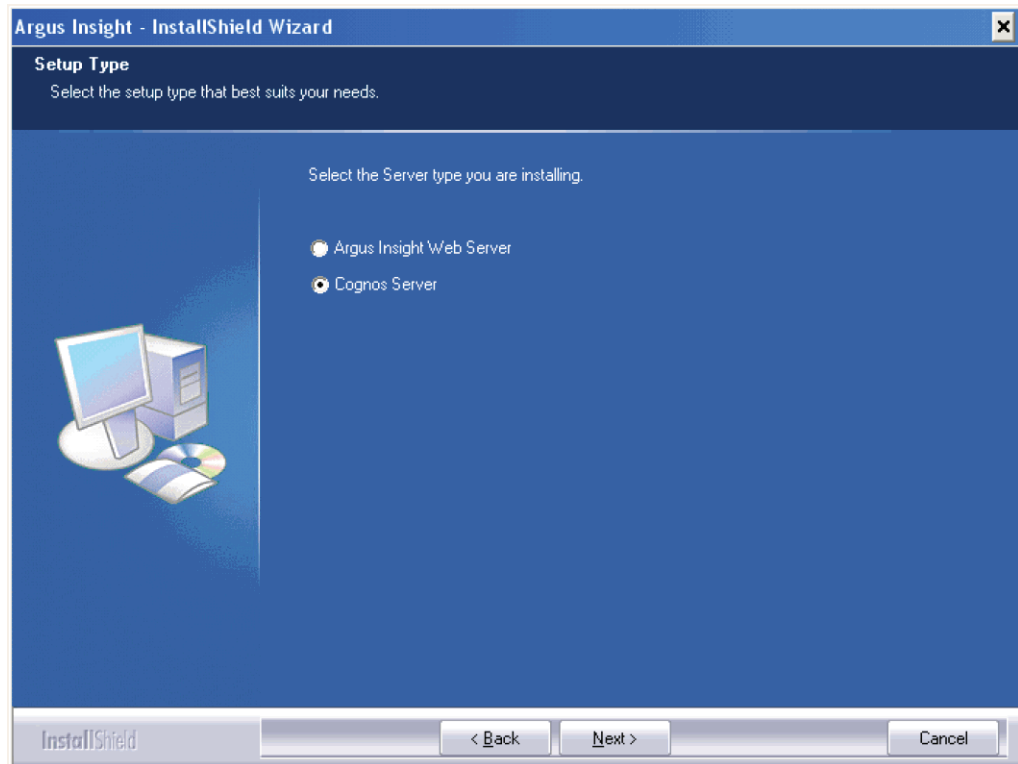
1. Log on to the Cube Server as an Admin user.
2. Insert the Argus Insight v7.0 CD into the CD-ROM drive of your Cognos Server to start the installation program or copy the Argus Insight software locally on the Cognos server.
3. Click Launch.exe.
4. When the system opens the following dialog box, click **Installation Wizard** to start the installation.



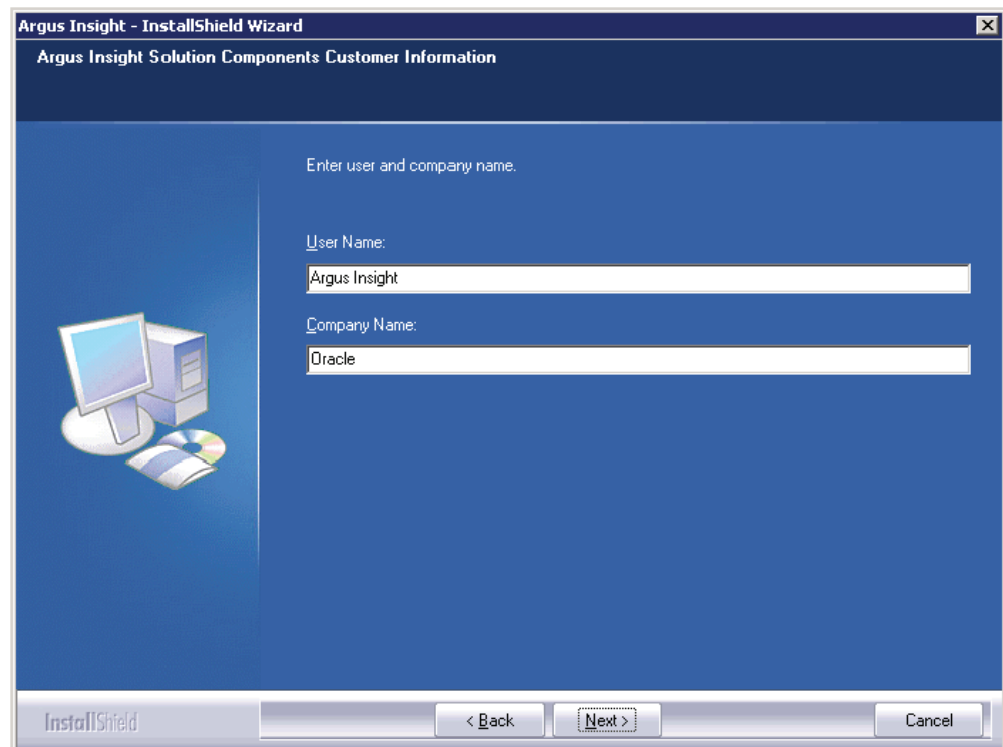
5. When the system opens the following dialog box, click **Next>**.



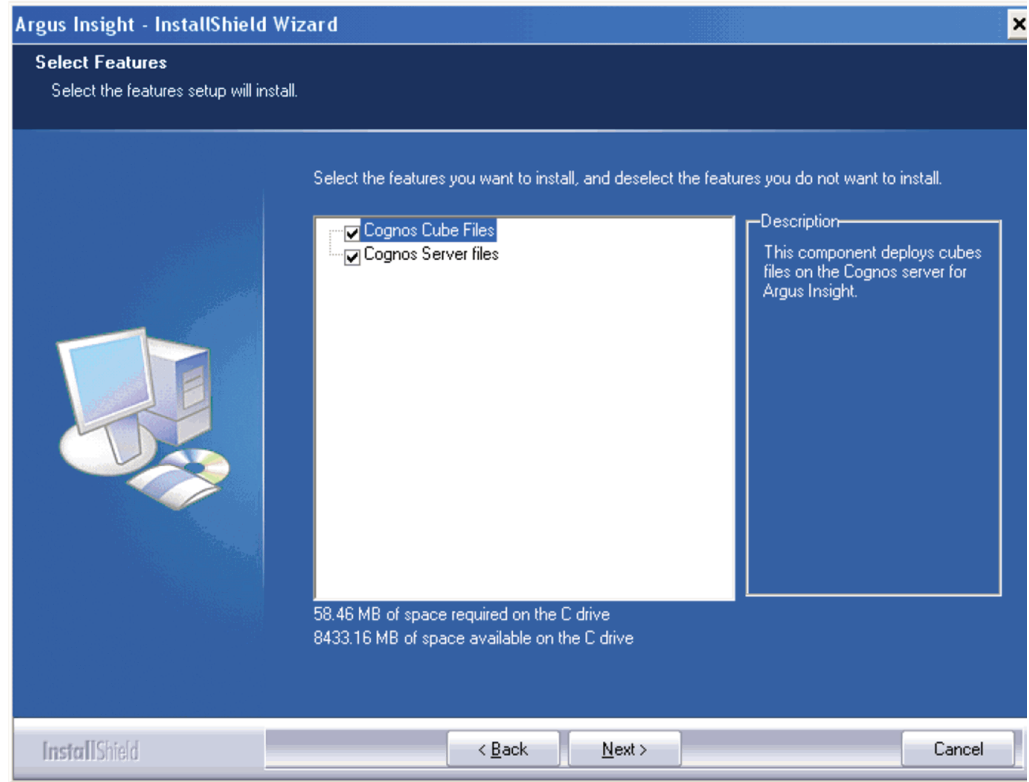
6. When the system opens the following dialog box, click **Cognos Server**. Click **Next>**.



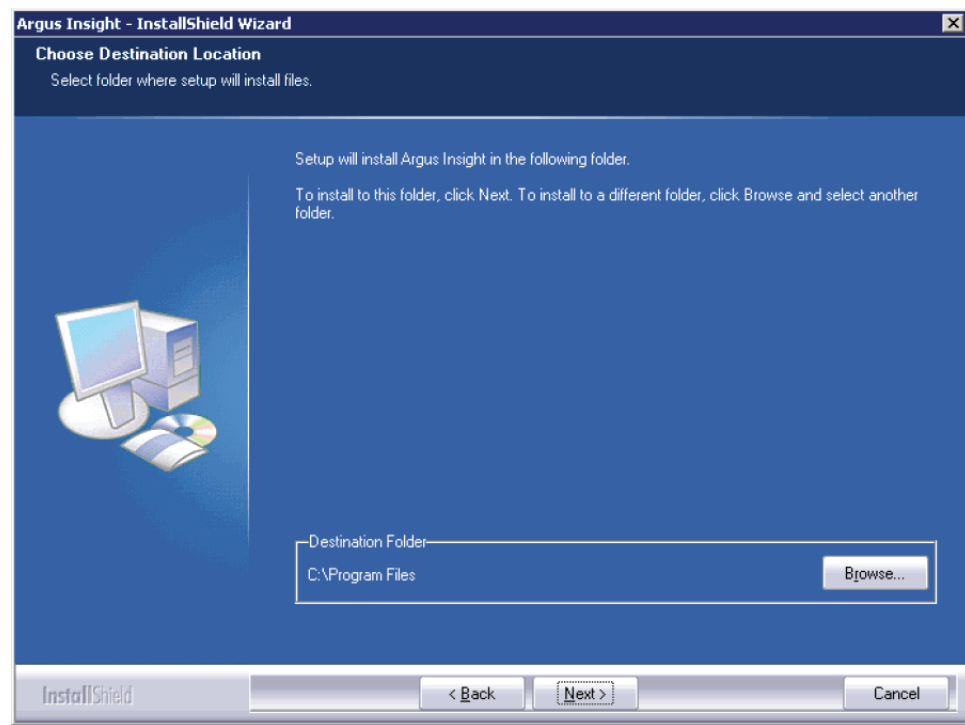
7. Enter User Name and Company Name. Click **Next**.



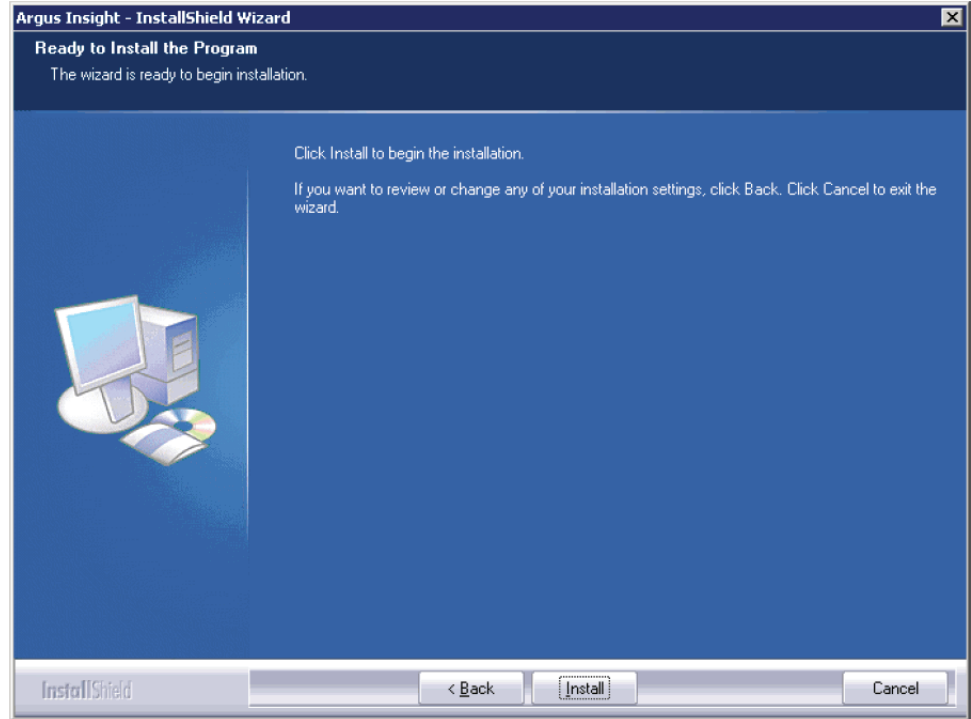
8. When the system opens the following dialog box, click the **Cognos Cube Files** and **Cognos Server Files** check boxes to select them. Click **Next**.



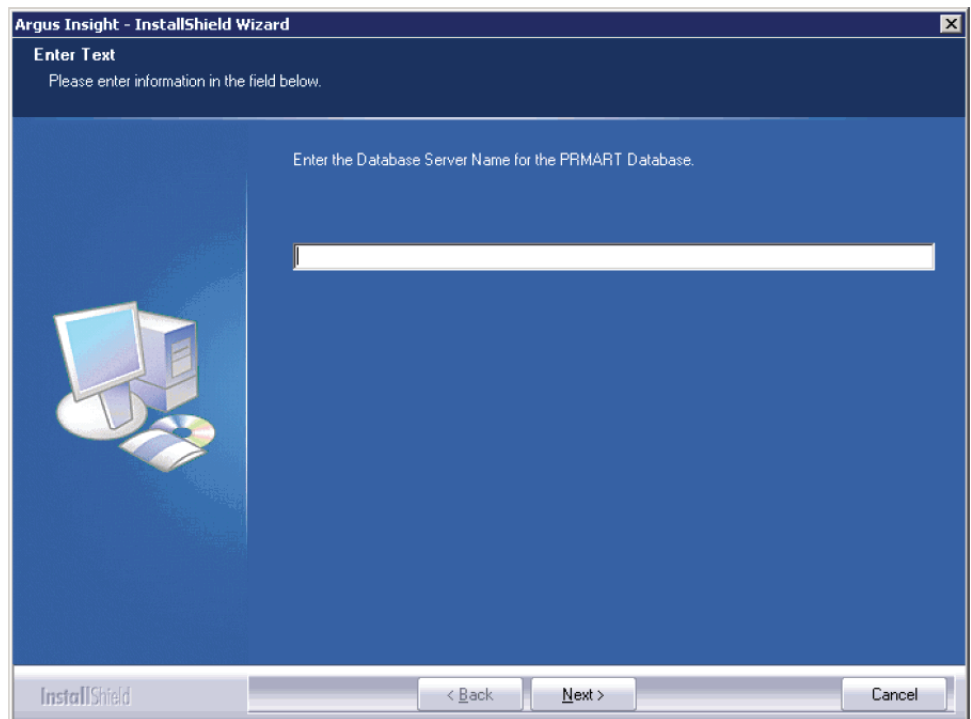
- When the system opens the following dialog box, click **Next** to accept the default installation location: C:\Program Files\Oracle. Click **Browse** if you want to specify an alternate installation location.



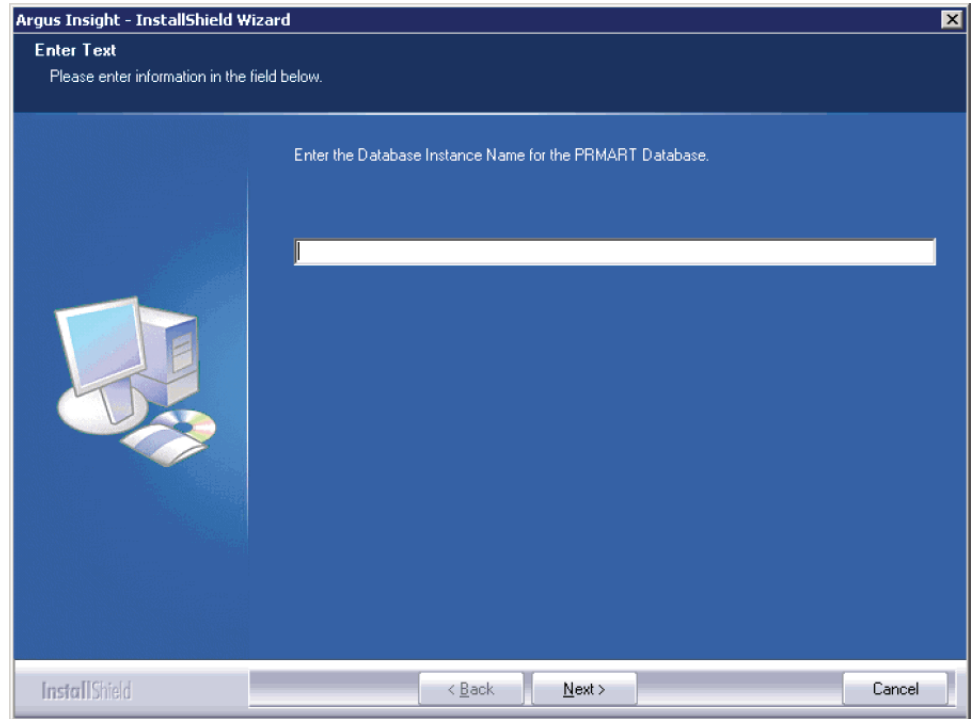
- When the system opens the following dialog box, click **Install**.



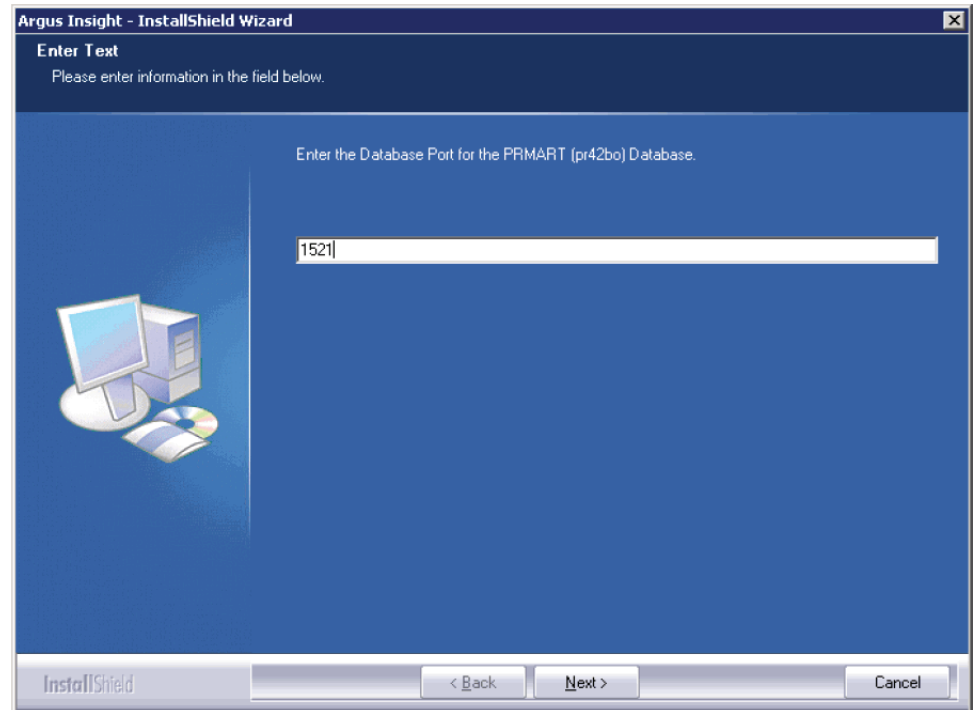
11. The installer installs the selected components.
12. When the system opens the following dialog box, enter the host name of the database server where the Argus Insight datamart is located. Click **Next>**.



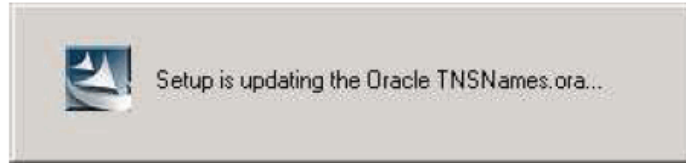
13. When the system opens the following dialog box, enter the name of the Argus Insight datamart. Click **Next>**.



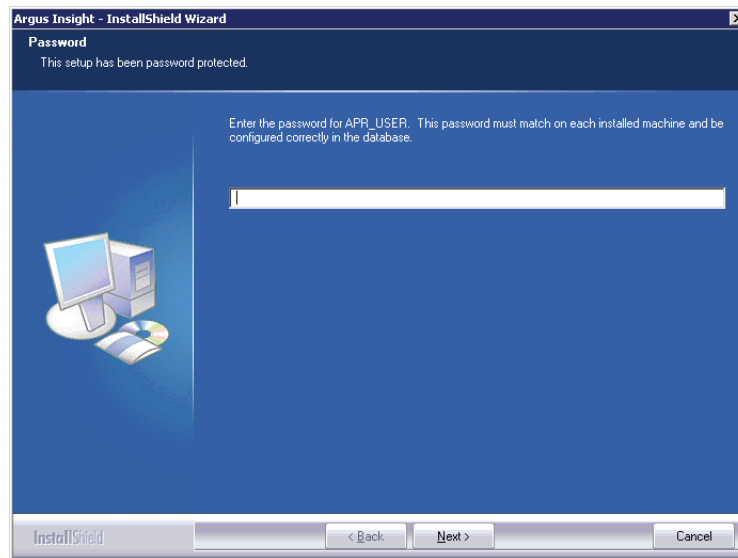
14. When the system opens the following dialog box, enter the database port number you want to assign to the Argus Insight database. Click **Next>**.



15. Wait while the Installation Wizard updates the TNSName.ORA file.

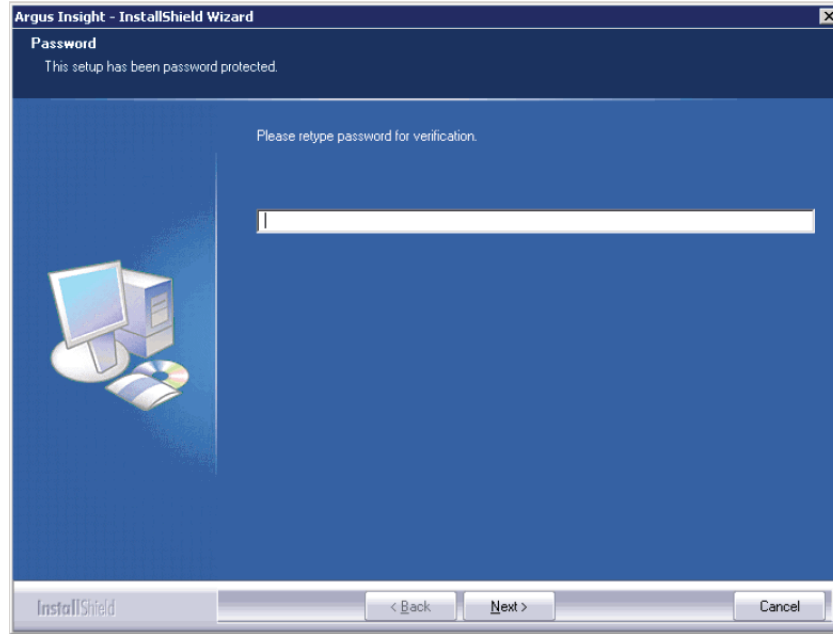


16. When the system opens the following dialog box, enter the **APR_USER** password. Click **Next**.

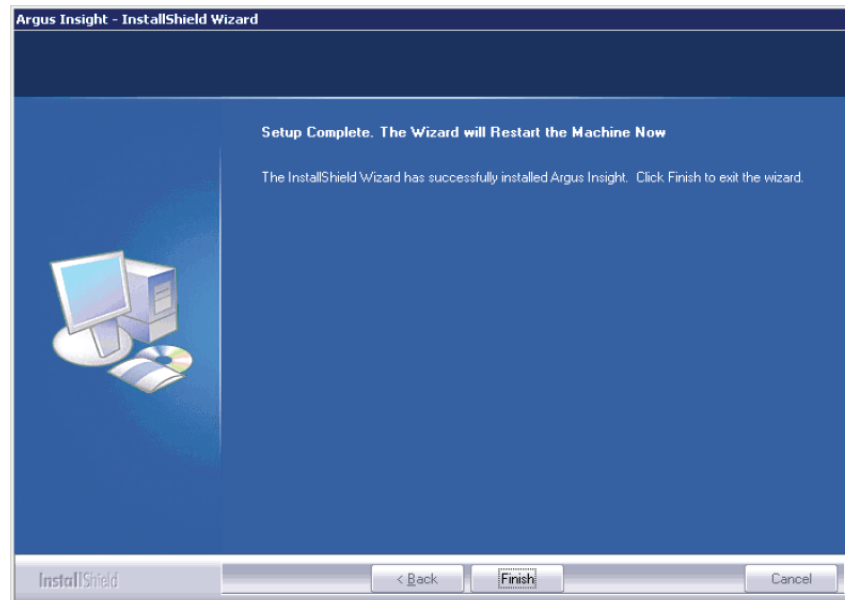


Note: This database user is used for providing initial database access to application user(APR_APP) of Argus Insight. In previous versions, this user was having a hardcoded password which has been removed in this version. Please make sure that this password is same on all machines where any components of Argus Insight are stored.

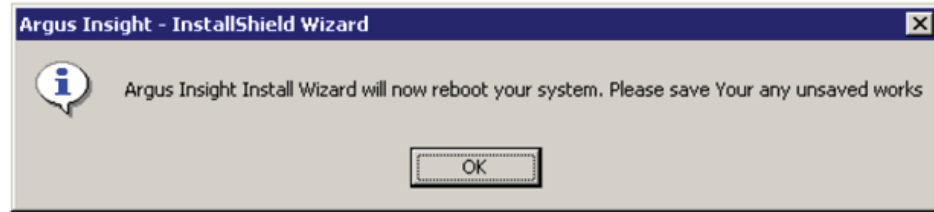
17. When the system opens the following dialog box, re-enter the password for **APR_USER** password for verification. Click **Next>**.



18. When the system opens the following dialog box, click **Finish** to complete the installation.



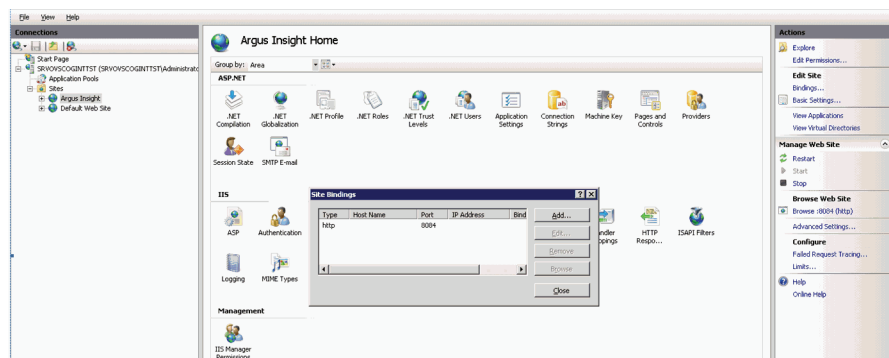
19. When the system displays the following message, click **OK** to restart the Cognos 8 Server.



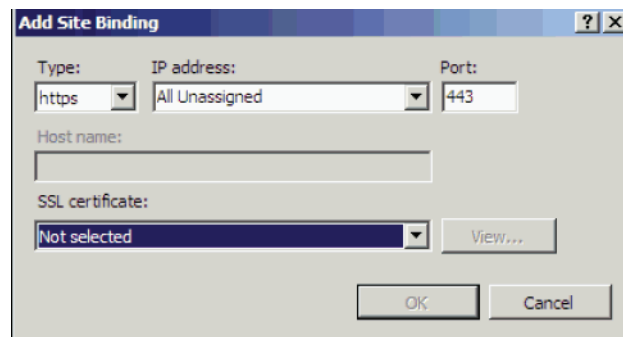
2.3 Enabling SSL Support for Windows 2008

Use the following procedure to enable SSL support for 2008:

1. Obtain and install the SSL certificate.
2. Go to IIS Manager and select Argus Insight => Bindings.



3. Click on Add, and change Type to HTTPS.



4. Select SSL Certificate and click OK.

Create the Argus Insight Datamart Structure

The Argus Insight Schema Creation Tool lets you create the Argus Insight Datamart structure. It creates a link between your source Argus database and your new Argus Insight Datamart. The ETL process uses this link to transfer data from your Argus database to the Argus Insight Datamart for reporting purposes. During this process, you are required to create four database users: one for logging in to the Argus Insight application, two other users who are schema owners, and one for supporting Private DB Links.

Note: The Argus Insight database must be created with same Character Set as the Argus Safety Database. Make sure you have installed that requisite software as explained in the Hardware and Software Requirements topic.

Before you run the schema creation tool, contact your Database Administrator (DBA) to verify these database parameter values in the Database configuration file for the Argus Insight database:

- global_name = false
- job_queue_processes=10
- Add "SET ARRAYSIZE 5000" in file glogin.sql (\$ORACLE_HOME/sqlplus/admin/glogin.sql)

3.1 Argus Insight Database Parameters

The following table lists the minimum values required on different Database Parameters for Argus Insight. The Database Administrator should monitor these values to increase/decrease the parameters.

S. No.	Argus Insight Database Instance Parameters	Small (Less than 30,000 Cases)	Medium (30,000 - 200,000 Cases)	Large (200,000 - 1 Million Cases)	Very Large (More than 1 Million Cases)	Remarks
		Value	Value	Value	Value	
1	Shared_Pool_Size	Default	Default	Default	Default	
2	DB_Block_Buffers (Size in MB) / DB_Cache_Size	Default	Default	Default	Default	

S. No.	Argus Insight Database Instance Parameters	Small (Less than 30,000 Cases)	Medium (30,000 - 200,000 Cases)	Large (200,000 - 1 Million Cases)	Very Large (More than 1 Million Cases)	Remarks
		Value	Value	Value	Value	
3	DB_Block_Size (bytes)	Default	Default	Default	Default	
4	SGA_Target	1 GB	2.5 GB	3.5 GB	4.5 GB	The 32-bit architecture allows for 4 GB of physical memory to be addressed, DBAs are requested to verify the maximum addressable RAM for their respective architectures.
5	SGA_Max_Size	>= value for SGA_TARGET	>= value for SGA_TARGET	>= value for SGA_TARGET	>= value for SGA_TARGET	
6	PGA_AGGREGATE_TARGET	0.5 GB	2 GB	3 GB	4 GB	
7	CURSOR_SHARING	EXACT	EXACT	EXACT	EXACT	
8	OPTIMIZER_SECURE_VIEW_MERGING	TRUE	TRUE	TRUE	TRUE	
9	WORKAREA_SIZE_POLICY	AUTO	AUTO	AUTO	AUTO	
10	QUERY_REWRITE_ENABLED (If Computing Statistics regularly)	TRUE	TRUE	TRUE	TRUE	
	QUERY_REWRITE_ENABLED (If Not Computing Statistics regularly)	FALSE	FALSE	FALSE	FALSE	
11	QUERY_REWRITE_INTEGRITY	Default	Default	Default	Default	
12	GLOBAL_NAME	False	False	False	False	
13	PARALLEL_MAX_SERVERS	16	32	Default	Default	
14	OPTIMIZER_MODE	ALL_ROWS	ALL_ROWS	ALL_ROWS	ALL_ROWS	
16	COMPATIBLE (For Oracle 11gR2)	11.2.0.0.0 or Higher	11.2.0.0.0 or Higher	11.2.0.0.0 or Higher	11.2.0.0.0 or Higher	
17	UNDO_MANAGEMENT	AUTO	AUTO	AUTO	AUTO	

S. No.	Argus Insight Database Instance Parameters	Small (Less than 30,000 Cases)	Medium (30,000 - 200,000 Cases)	Large (200,000 - 1 Million Cases)	Very Large (More than 1 Million Cases)	Remarks
		Value	Value	Value	Value	
18	NLS_LENGTH_SEMANTICS	CHAR	CHAR	CHAR	CHAR	

S. No.	Argus Insight Database I/O Configuration	Small	Medium	Large	Very Large	Remarks
		Value	Value	Value	Value	
1	Number and Size of Redo Log Files	Default	3 X 500 MB	5 X 500 MB	5 X 500 MB	Depends on the characteristics of the I/O subsystem like the I/O bandwidth, Storage Disks type, RAID Level, etc. (Oracle recommends RAID 1+0 or similar)
2	TEMP Tablespace size	32 GB	32 GB	64 GB	128 GB	
3	Undo Tablespace size	16 GB	32 GB	64 GB	128 GB	The recommended UNDO Tablespace size is based on the projections with the following two Parameter values: RETENTION=NOGUARANTEE UNDO_RETENTION=900 (seconds)

S. No.	Argus Insight Database Server Configuration	Small	Medium	Large	Very Large	Remarks
		Value	Value	Value	Value	
1	RAM	4-8 GB	8-16 GB	16-32 GB	16-32 GB	
2	CPU	Equivalent to 2-4 Dual Core, 3 GHz	Equivalent to 4-8 Dual Core, 3 GHz	Equivalent to 8-12 Dual Core, 3 GHz	Equivalent to 8-12 Dual Core, 3 GHz	

Note: The Argus Insight Database and Argus Database TNS names entry must be available in both Argus Insight Database Server and Argus Safety Database Server. Argus Safety Database TNS should also be present in the Argus Insight Web server.

3.2 Argus Insight Mart Tablespaces

The following are the Tablespaces for Argus Insight MART.

S.No.	Tablespace	S.No.	Tablespace
1	APR_CFG_DATA_01	19	APR_MRPT_DATA_02

S.No.	Tablespace	S.No.	Tablespace
2	APR_MCAS_DATA_01	20	APR_MRPT_DATA_03
3	APR_MCAS_DATA_02	21	APR_MRPT_INDEX_01
4	APR_MCAS_INDEX_01	22	APR_MRPT_INDEX_02
5	APR_MCAS_INDEX_02	23	APR_MRPT_INDEX_03
6	APR_MCAS_LOB_01	24	APR_MWHOC_DATA_01
7	APR_MCFG_DATA_01	25	APR_MWHOC_INDEX_01
8	APR_MCFG_INDEX_01	26	APR_SESM_DATA_01
9	APR_MCFG_LOB_01	27	APR_SESM_INDEX_01
10	APR_MCFG_LOG_01	28	APR_SESM_LOB_01
11	APR_MEDM_DATA_01	29	APR_STAGE_DATA_01
12	APR_MEDM_INDEX_01	30	APR_STAGE_DATA_02
13	APR_MEDM_LOB_01	31	APR_STAGE_DATA_03
14	APR_MFACT_DATA_01	32	APR_STAGE_INDEX_01
15	APR_MFACT_DATA_02	33	APR_STAGE_INDEX_02
16	APR_MFACT_INDEX_01	34	APR_STAGE_INDEX_03
17	APR_MFACT_INDEX_02	35	APR_STAGE_LOB_01
18	APR_MRPT_DATA_01	36	APR_SWHOC_DATA_01

S.No.	Tablespace
37	APR_MCAS_HIST_DATA_01
38	APR_MCAS_HIST_DATA_02
39	APR_MCAS_HIST_INDEX_01
40	APR_MCAS_HIST_LOB_01
41	APR_MCFG_HIST_INDEX_01
42	APR_MCFG_HIST_LOB_01
43	APR_MFACT_HIST_DATA_01
44	APR_MFACT_HIST_DATA_02
45	APR_MFACT_HIST_INDEX_01
46	APR_MFACT_HIST_INDEX_02
47	APR_MRPT_HIST_DATA_01
48	APR_MRPT_HIST_DATA_02
49	APR_MRPT_HIST_DATA_03
50	APR_MRPT_HIST_INDEX_01
51	APR_MRPT_HIST_INDEX_02
52	APR_MRPT_HIST_INDEX_03

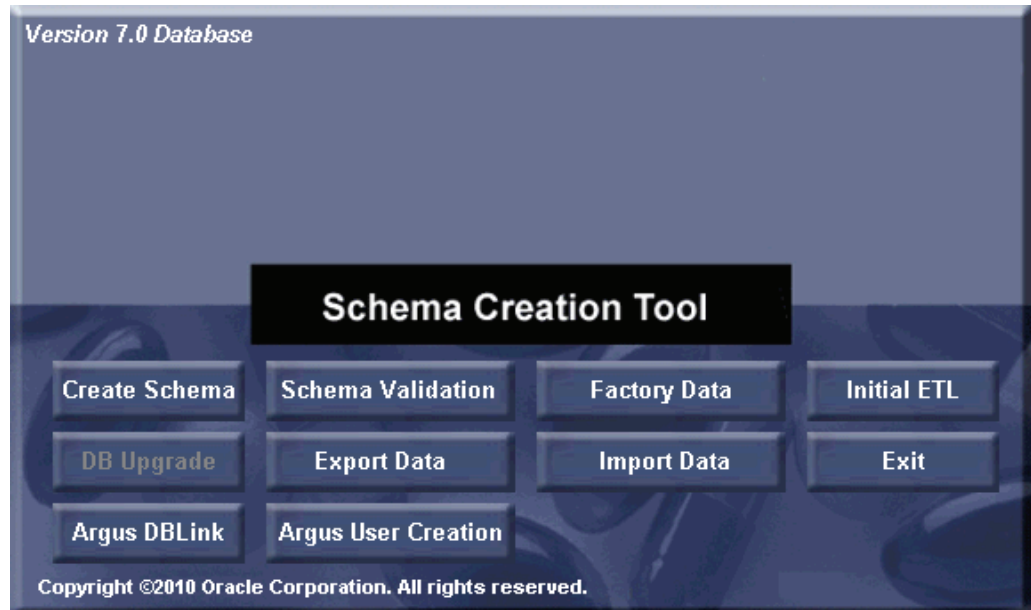
3.3 Creating the Database Schema

Use the following procedure to create the database schema and run the Initial ETL.

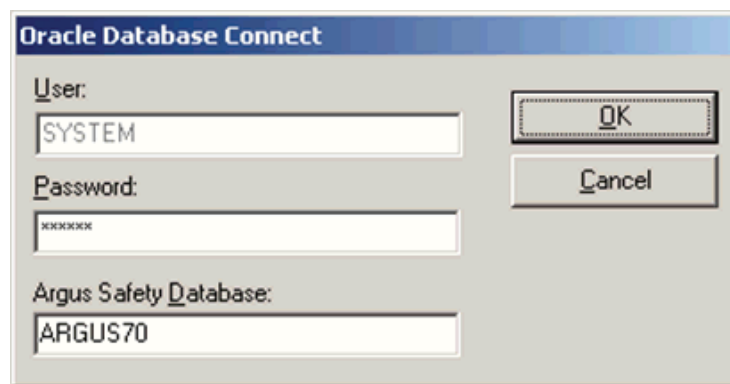
1. Log in (RDC) to Insight Web Server after installing Argus Insight 7.0 application using build.
2. INSTALLDIR: - Default is "C:\Program Files\Oracle"

3.3.1 Creating Users and Roles in the Argus Safety Database

1. Run the schema creation tool.
2. Click Argus User Creation.



3. When the system opens the following dialog box, enter the Argus Safety database instance name and password for "SYSTEM". Click **OK**.



4. When the system opens the following dialog box, click **New User**.

New User

New User Information

New User Name:

New User Password:

Re-enter Password:

Default Tablespace:

Temporary Tablespace:

5. When the system opens the following dialog box, enter the name of the Argus Safety user you wish to create in the **New User Name** field. Click **OK**.

Note: You must create the INSIGHT_RO_USER and INSIGHT_RO_ROLE even if they already exist in the Argus Safety schema. Make the appropriate selection in step 8 below for **New User Name** and **New Role** drop downs and proceed.

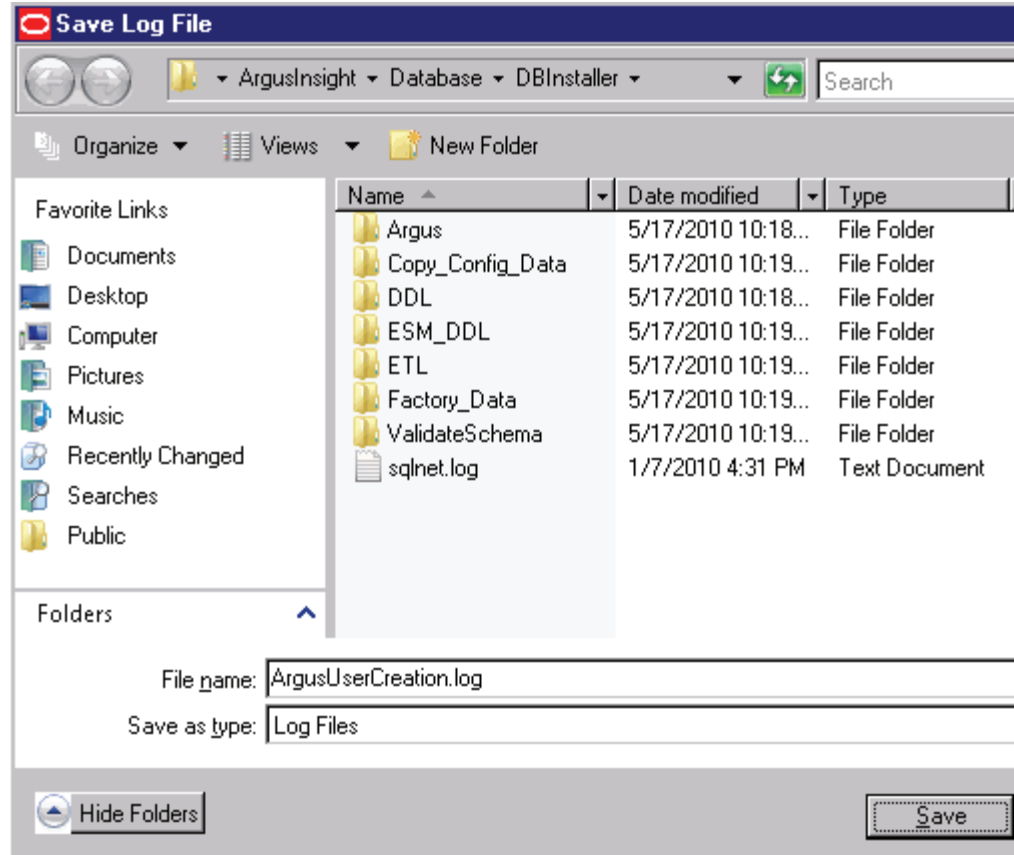
6. When the system redisplay the following dialog box, click **New Role**.
7. When the system opens the following dialog box, enter the name of the role to create in the **New Role** field. Click **OK**.

New Role

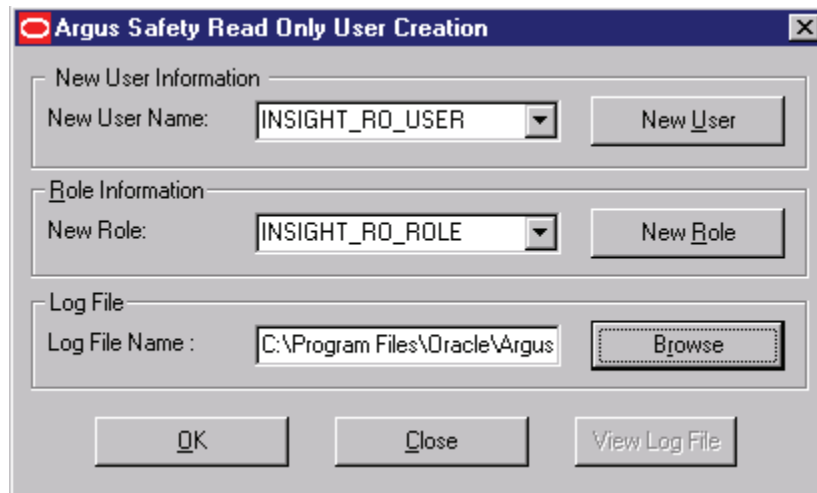
Role Information

New Role:

8. When the system opens the following dialog box, select **New User Name** and **New Role** from the dropdown menu as 'INSIGHT_RO_USER' and 'INSIGHT_RO_ROLE'.
9. When the system opens the following dialog box, click **Browse** to select the location for the log files.
10. When the system opens the following dialog box, enter the name of the log file where you want to store the user creation information in the **File name** field.



11. When the system returns to the following dialog box, click **OK**.



12. When the system opens the following screen, verify that the information on the screen is correct and press **Enter**.

```

C:\app\Administrator\product\11.2.0\client_1\bin\SQLPLUS.exe
Connected to:
Oracle Database 11g Enterprise Edition Release 11.2.0.2.0 - Production
With the Partitioning, OLAP, Data Mining and Real Application Testing options

-----
Argus Insight 7.0
-----
Argus Insight Database User Creation Script
Grants necessary privileges to Argus Safety RO User and Role
Copyright ©2011 Oracle Corporation. All Rights Reserved.

Argus Safety Database Name : argus70
Read Only User             : INSIGHT_RO_USER
Read Only Role             : INSIGHT_RO_ROLE
Logfile                    : C:\Program Files\Oracle\Argus Insight\Database\DBIn
staller\ArgusUserCreation.log

Please verify the parameters. Press ENTER to continue

```

13. When the system displays the following screen, verify that the information is correct and press **Enter** to complete the installation.

```

C:\app\Administrator\product\11.1.0\client_1\bin\SQLPLUS.exe
Grant succeeded.

Grant succeeded.

Grant succeeded.

Grant succeeded.

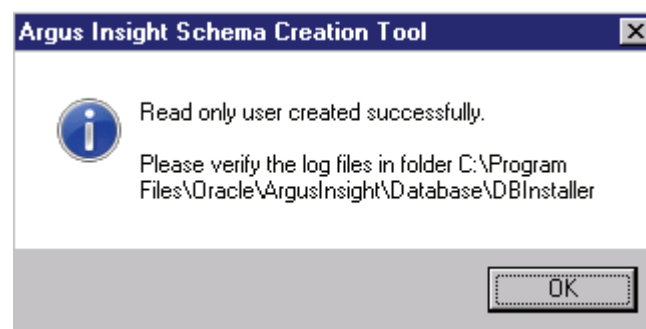
-- Granting additional Privileges on ARGUS_APP Tables and Views to INSIGHT_RO_ROLE Completed
Completed Successfully. Please verify the log file.

NOTE:- Grant Error on views where the underlying object is in SYS or SYSTEM schema can be ignored.

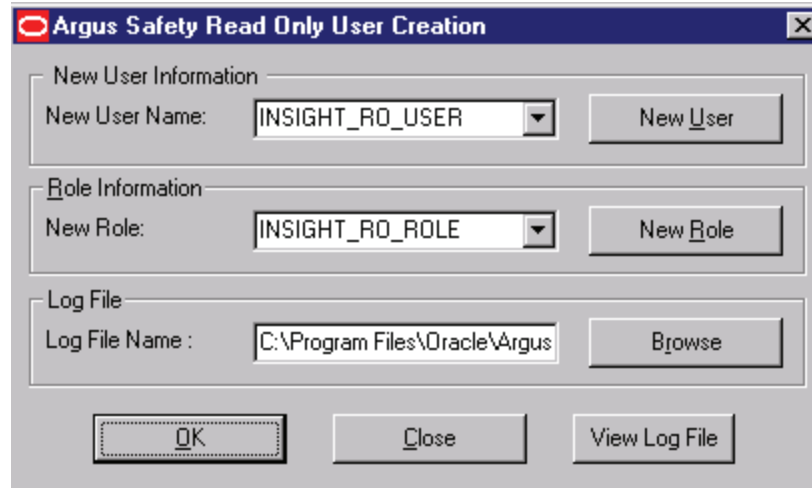
Processing Log Written to "C:\Program Files\Oracle\Argus Insight\Database\DBInstaller\ArgusUserCreation.log".
Press Enter to complete...

```

14. When the system displays the following message, click **OK**.



15. When the system redisplay the following dialog box, click **View Log File**.



16. When the system displays the log file, verify the log file for any errors during read only user creation.
17. Close the log file.
18. Click **Close** to close the 'Argus Safety Read Only User Creation' dialog.

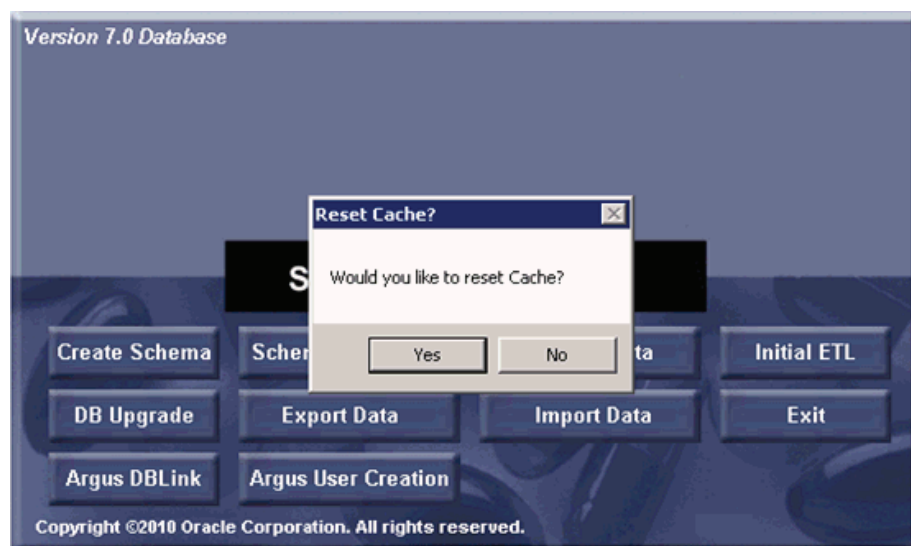
3.3.2 Creating a New Database Schema

Use the following procedures to create or upgrade the database schema, as applicable.

3.3.2.1 Clearing the Cache

If you are using the same DB Installer used to create an earlier schema, you **must** clear its cache. Use the following procedure to clear the cache.

1. Press and hold the CTRL key and right-click the mouse.
2. When the system presents the following dialog box, click **Yes**.

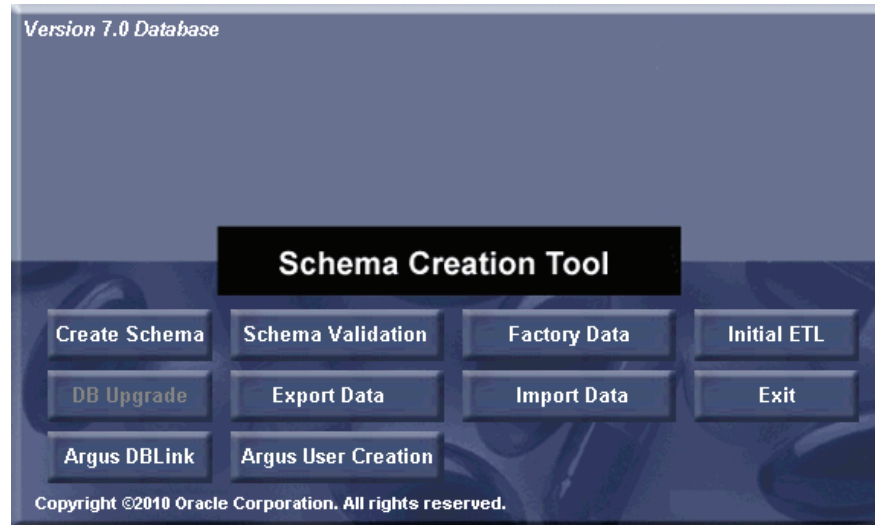


The system logs the action in the createlog.rtf file.

3.3.2.2 Creating a New Schema for Argus Insight

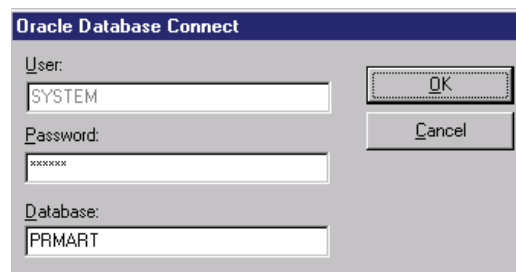
Use the following procedure to create a new schema for Argus Insight:

1. Go to Start>Programs>Oracle>Argus Insight>Schema Creation Tool.
2. When the system opens the following dialog box, click **Create Schema**.

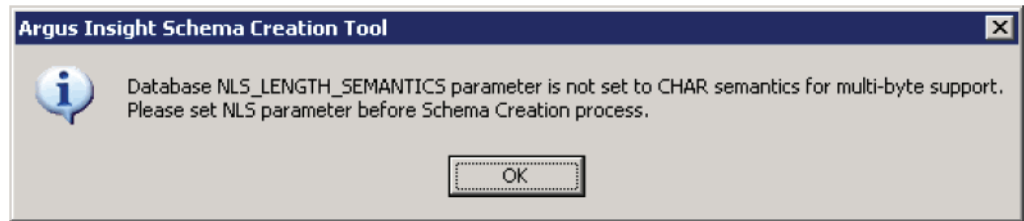


Note: You **must convert** the Oracle parameter NLS_LENGTH_SEMENTICS to CHAR in the Argus Insight data mart and restart the database instance. You will not be able to proceed further without changing the NLS_LENGTH_SEMENTICS to CHAR.

3. When the system opens the following dialog box:
 - Enter the SYSTEM user password in the **Password** field.
 - Type the TNS Entry for the Insight Database in the **Database** field.
 - Click **OK**.



4. The system displays the following message if the NLS_LENGTH_SEMANTICS parameter is not set to CHAR. You **must** set this parameter before you can proceed.



- When the system opens the following dialog box, set the APR_MART password. Click **OK**.

The "New User" dialog box shows the following fields and values:

- New User Name: APR_MART
- New User Password: [Redacted]
- Re-enter Password: [Redacted]
- Default Tablespace: USERS
- Temporary Tablespace: TEMP

Buttons: OK, Cancel

- When the system opens the following dialog box, set the APR_APP password. Click **OK**.

The "New User" dialog box shows the following fields and values:

- New User Name: APR_APP
- New User Password: [Redacted]
- Re-enter Password: [Redacted]
- Default Tablespace: USERS
- Temporary Tablespace: TEMP

Buttons: OK, Cancel

Note: This user will be used for all the application access and reporting. The password for this user is stored in encrypted form in CMN_PROFILE_GLOBAL table. We cannot change password of this user as it will break down the Insight application access. If you wish to change the password for this user, please contact Oracle support for getting encrypted value of new password.

7. When the system opens the **Argus Insight Schema Creation Options** screen, click **New User** to create the following users:
- APR_STAGE
 - APR_LOGIN
 - APR_HIST
 - APR_LINK_USER

The screenshot shows the 'Argus Insight Schema Creation Options' dialog box. It contains several sections for configuring a schema:

- Staging Information:** Staging Schema Owner (dropdown)
- History Information:** History Schema Owner (dropdown)
- Credentials for VPD Admin User:** VPD Admin Schema Owner (dropdown)
- Schema Options:** Database Size (dropdown), Time Zone (dropdown)
- Mart Information:** Mart Schema Owner (text: APR_MART), Mart Role (dropdown), Mart Grantee (checkboxes: APEX_030200, APEX_PUBLIC_USER, APPQOSSYS)
- Application Information:** Application Schema (text: APR_APP), Application Role (dropdown)
- Mart Database Link Information:** Database Link Schema Owner (dropdown), Database Link Role (dropdown)
- Credentials For APR_USER:** Password (masked), Verify Password (masked)
- Argus Database Link Information:** Database Name, Database Link Schema Owner, Password, Verify Password (all masked)

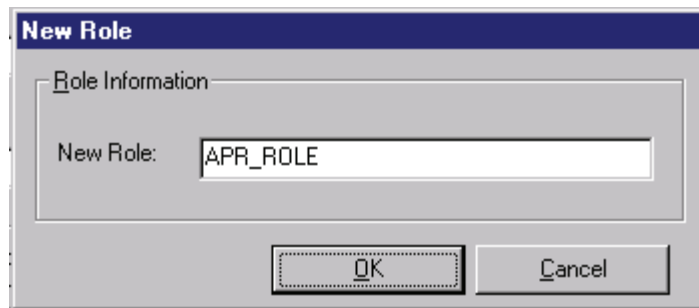
Buttons at the bottom: New User..., New Role..., Generate, Cancel, Help.

8. When the system opens the **New User** dialog box, do the following:
- a. Enter one of the following names in the **New User Name** field:
 - APR_STAGE
 - APR_LOGIN
 - APR_LINK_USER
 - APR_HIST
 - RLS_USER
 - b. Enter the user password in the **New User Password** field.
 - c. For verification, enter the user password in the **Re-enter Password** field.
 - d. Click **OK**.

- e. The system redisplay the **Argus Insight Schema Creation Options** screen.
- f. Repeat Step 7 and Steps 8a through 8d until you have created all five (5) users.

- 9. When the system redisplay the **Argus Insight Schema Creation Options** screen, click **New Role** to create the following user roles:
 - a. APR_ROLE
 - b. APR_LINK_ROLE
 - c. APR_APP_ROLE

10. When the system opens the **New Role** dialog box, do the following:
 - a. Enter one of the following names in the New Role field:
 - APR_ROLE
 - APR_LINK_ROLE
 - APR_APP_ROLE
 - b. Click **OK**.
 - c. The system redisplay the **Argus Insight Schema Creation Options** screen.
 - d. Repeat Step 9 and Steps 10a through 10c until you have created all three (3) roles.



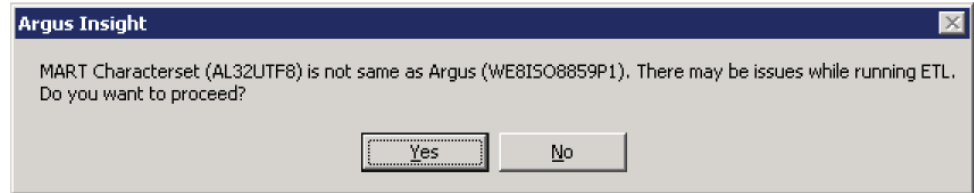
11. When the system redisplay the **Argus Insight Schema Creation Options** screen:
 - a. Select RLS_USER in the **VPD Admin Schema Owner** field of Credentials for VPD Admin Users section.
 - b. Select APR_LINK_USER in the **Database Link Schema Owner** field of MART Database Link Information section.
 - c. Select APR_LINK_ROLE in the **Database Link Role** field of MART Database Link Information section.
 - d. Enter INSIGHT_RO_USER in the **Database Link Schema Owner** field of Argus Database Link Information section.
12. Click **Generate**.

Note: Enter the Insight read-only user name in 'Database Link Schema Owner' text box of Argus Safety link information, created using the 'Argus User Creation' button.

Note: If you want to change the password for APR_USER, edit the entries for APR_USER password textbox.

- When the system prompts for staging user's password (APR_STAGE user's password), enter the password and click OK.

Note: The system displays the following message if the MART Character set is not same as the Argus character set. Please make sure the character sets for Argus Insight and Argus Safety database are the same.

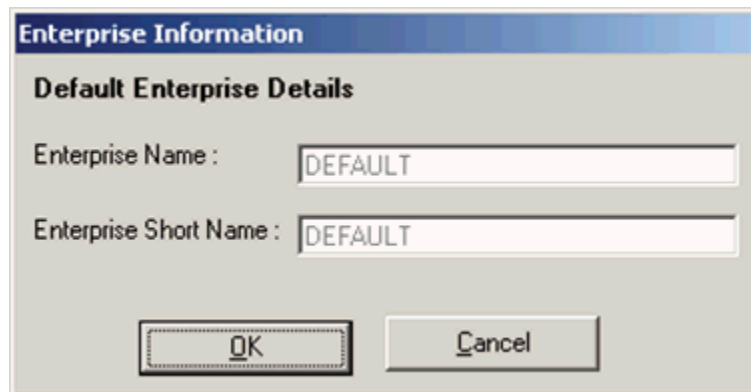


14. Click **Yes** to proceed with schema creation (not recommended) else press **No**.

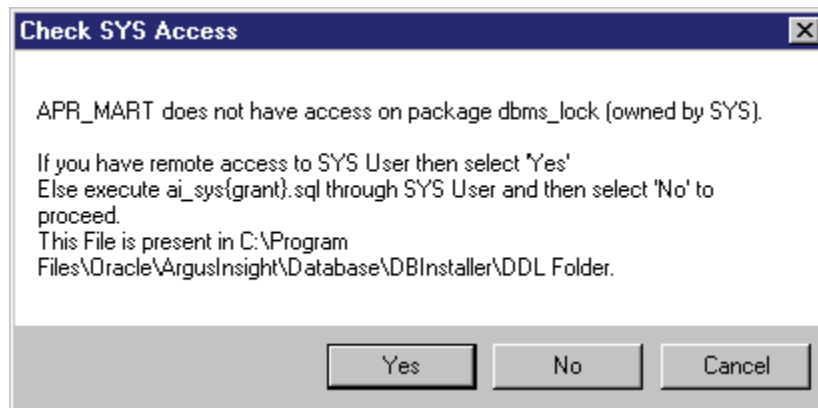
Note:

- If character set of Argus Safety database is UTF and Insight database is ISO, the ETL process may fail due to different character set.
 - If character set of Argus Safety database is ISO and Insight database is UTF, then we can proceed by ignoring the character set difference.
-
-

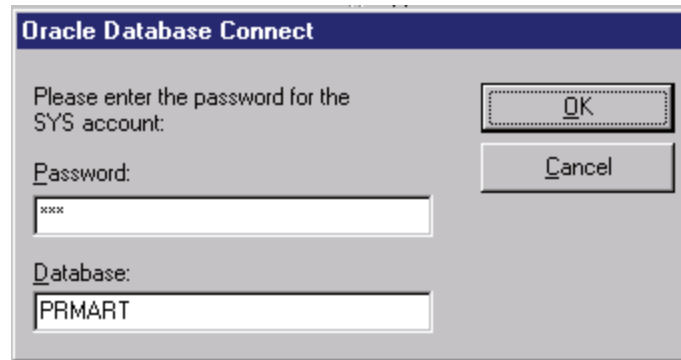
15. If your Argus Safety version is 7.0, the following screen is displayed for default enterprise information:



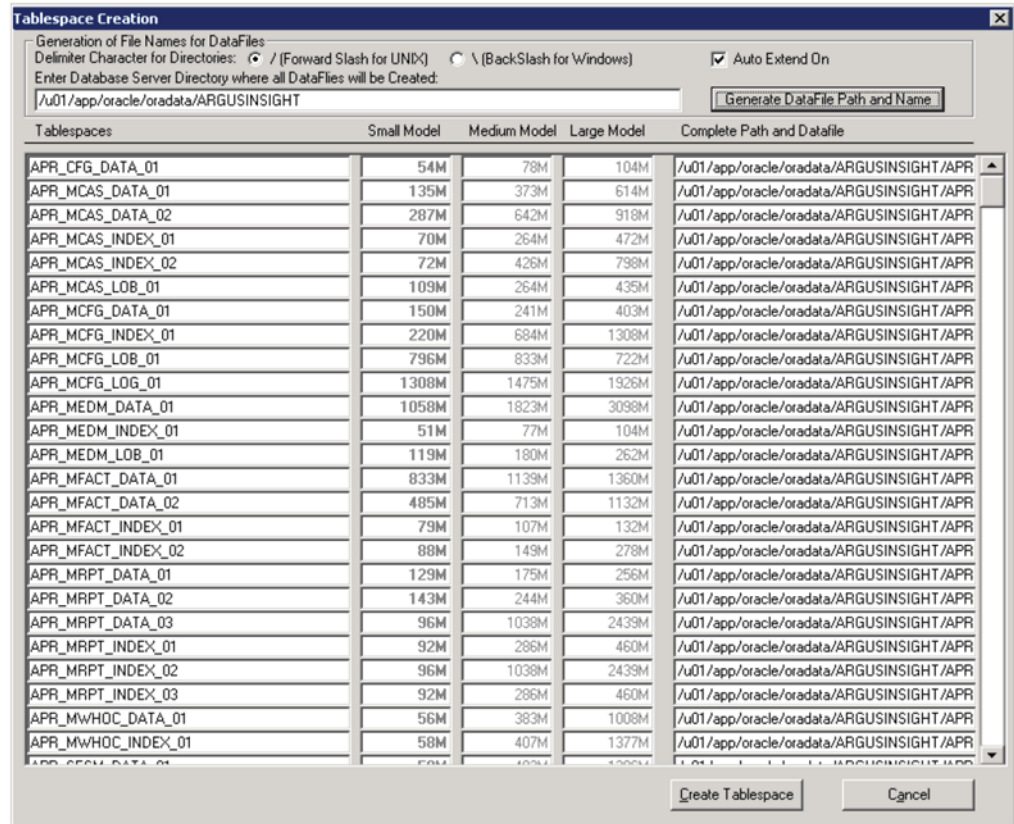
16. When the system displays the following message, follow these steps:



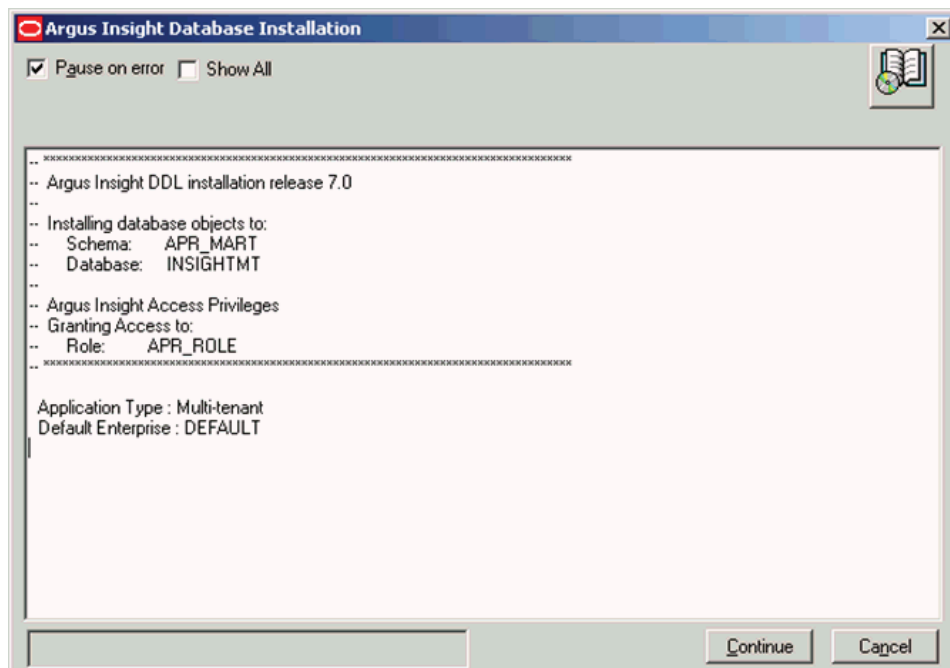
- a. If you **do not** have remote access to SYS User, follow the instructions given in the message box "Check SYS Access" provided above. After executing the ai_sys{grant}.sql through SYS user, Click **No** and go to Step 16 of this procedure.
 - b. If you **do have** remote access to SYS user, click Yes and go to Step 15 of this procedure.
17. When the system opens the following dialog box, provide the SYS user password and click OK.



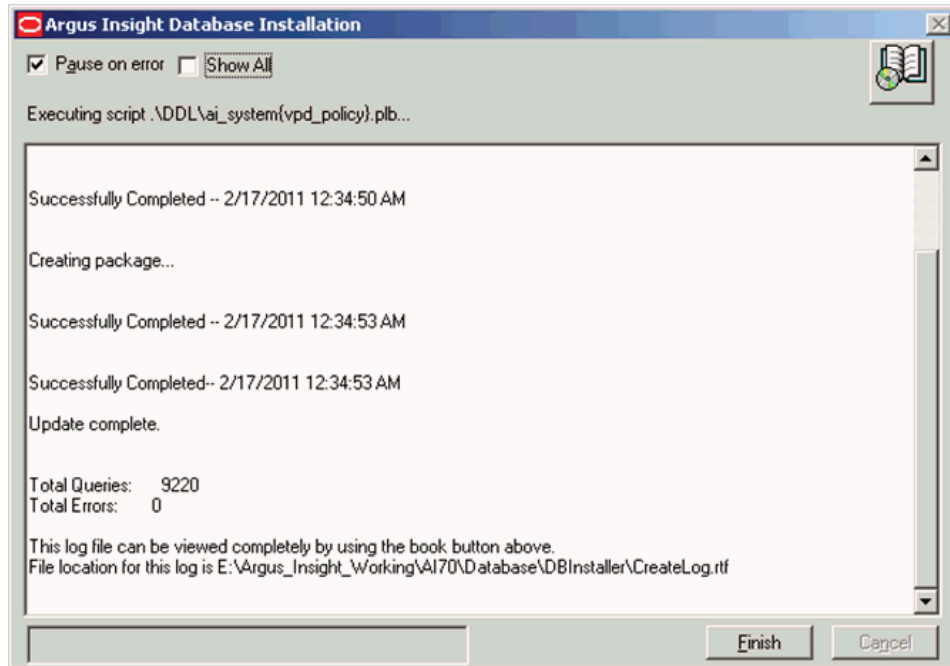
18. The system opens the Tablespace Creation screen as follows:
 - Schema Creation Tool will automatically select the Delimiter Character for the Directories radio button, based on the Database Server Operating System.
 - Provide the datafile path in "Enter Database Server Directory....." Textbox (For e.g. /u01/app/oracle/SMTEST, PLEASE MAKE SURE THIS DIRECTORY EXISTS) and click on button "Generate Datafile path and name".
 - It will fill "Complete Path and Datafile" textboxes for all table spaces.
19. Click Create Tablespace to create all table spaces.
20. Wait while the system creates the table spaces.



21. When the system opens the following window, click **Continue** to start Schema Creation.



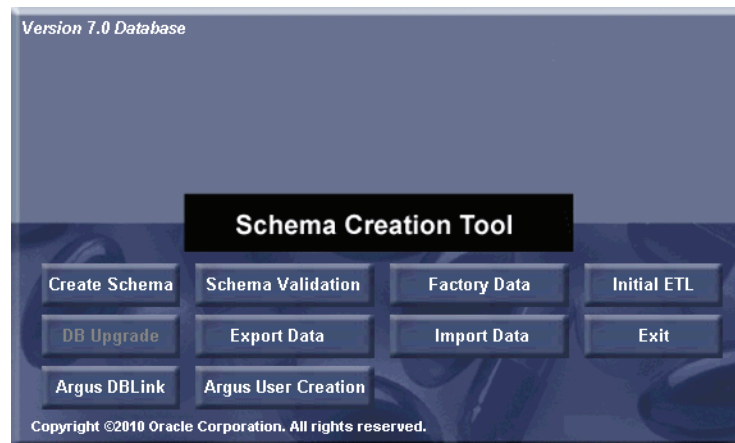
22. When the system displays the following window, schema creation is complete. Click **Finish**.



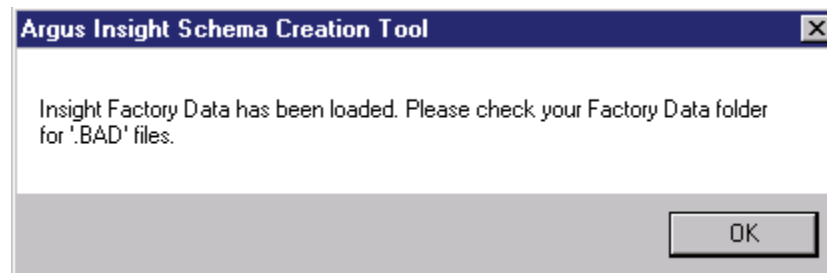
3.3.2.3 Loading Factory Data

Use the following procedure to load the factory data:

1. Click **Factory Data** to load the factory data.



2. The system displays the following message when it finishes loading the factory data.



3.3.3 Migrating an Existing Argus Insight Schema

You must ensure that the following points are implemented before beginning the migration process:

3.3.3.1 Important Migration Information

1. All customers must create a new Argus Insight database instance and create a fresh schema for Argus Insight 7.0. This also applies to customers who are upgrading from version 5.1 to 7.0.
2. Before migrating a schema, ensure that you have validated the schema with the CTL file of the existing Argus Insight version. For example, before migrating from Argus Insight 5.1 to Argus Insight 7.0, validate the schema for Argus Insight 5.1.
3. Before migrating to Argus Insight 7.0, ensure that Cognos service is stopped on the Cognos server and Argus Insight service is stopped on the Argus Insight web server. You can start these services once the database migration is complete.
4. Before migrating from Argus Insight 5.1 to Argus Insight 7.0, ensure that Argus Insight 5.1 instance has been upgraded to Oracle 11.2.0.1. Doing so ensures that the export process will not fail.

3.3.3.2 Implementing the Migrating Process

This section provides instructions for the migration from the following:

Argus Insight v5.1 to Argus Insight v7.0

1. Go to the following path: <Argus Insight Installation Directory>\ArgusInsight\Database\Upgrades\51_TO_70. Double-click the MigrationUtility.exe. The following screen is displayed.

2. In the Source Database section, do the following:
 - Enter the password for APR_MART schema for the Argus Insight 5.1 database.
 - Enter the TNS Entry for the Argus Insight 5.1 database in the Database field.

3. In the Target Database section, do the following:
 - Enter the password for APR_MART schema for the Argus Insight 7.0 database.
 - Enter the TNS Entry for the Argus Insight 7.0 database in the Database field.
4. In the Target Schema section, do the following:
 - Enter the password for history schema (APR_HIST) for the Argus Insight 7.0 database.
5. In the Options section, do the following:
 - Select the application type as Single Tenant or Multi Tenant. If you select Multi Tenant, the Enterprise drop-down list is enabled.
 - Select the enterprise required for multi-tenant installation from the Enterprise drop-down list.
6. In the Folder Path/File Path section, do the following:
 - Click the ... button to select the path for the export dump of the source Argus Insight database.

Note: This is the path and dump file name which will contain the import dump from the **Source Database**. It is exported automatically to the **Target Database**. On clicking **Start**, the dump file is created by using the **Source Database** at the specified location. This file is then used to export the data in the **Target Database**.

- Click the ... button to select the path for the log file of the source Argus Insight database.

7. Click **Start**. The following screen is displayed.

```

C:\Windows\system32\cmd.exe

#####
# Source Database Parameters
#####

#####:Export log begins:#####

Connecting as APR_MART@INSIGHT1
Connected.

Argus Insight Mart Schema Owner Name : APR_MART
Argus Insight Mart Instance Name     : INSIGHT1
Argus Insight Hist Schema Owner Name : HIST_OWNER
Argus Insight Application Path       : C:\Program Files\Oracle\Argus Insight\Data
base\Upgrades\51_TO_70\...\
Argus Insight Dump Folder            : C:\Temp\Migration\dump
Argus Insight Dump File Name         : Migration.dmp
Argus Insight Log Folder             : C:\Temp\Migration\log
Argus Insight Log Folder Name        : Migration.log
Argus Insight temp_folder            : C:\Argus InsightTemp

Please Verify the Parameters. Press ENTER to resume.

```

8. Press Enter to resume. The following screen is displayed.

```

C:\Windows\system32\cmd.exe

Connected to: Oracle Database 11g Enterprise Edition Release 11.1.0.7.0 - Produc
tion
With the Partitioning, OLAP, Data Mining and Real Application Testing options
Export done in WE8MSWIN1252 character set and AL16UTF16 NCHAR character set
server uses AL32UTF8 character set (possible charset conversion)
Note: indexes on tables will not be exported

About to export specified tables via Conventional Path ...
. . exporting table          T_ACTIVE_SERIES          2 rows exported
. . exporting table          T_CASE_DETAIL          1623 rows exported
. . exporting table          T_CASE_SERIES           15 rows exported
. . exporting table          T_CASE_SERIES_PAT_CASES  0 rows exported
. . exporting table          T_CFG_ADU_COND          25 rows exported
. . exporting table          T_CFG_ADU_COND_WHERE     38 rows exported
. . exporting table          T_CFG_AVAIL_DLY_JUSTIFICATION 0 rows exported
. . exporting table          T_CFG_CUST_WORKFLOW_STATES 25 rows exported
. . exporting table          T_CFG_DAYS_BAND          10 rows exported
. . exporting table          T_CFG_DERIVATIONS        0 rows exported
. . exporting table          T_CFG_GROUPS            11 rows exported
. . exporting table          T_CFG_HOLIDAYS_MGMT      0 rows exported
. . exporting table          T_CFG_HOURS_BAND         10 rows exported
. . exporting table          T_CFG_MEASURABLE_SUPPLIER 0 rows exported
. . exporting table          T_CFG_MEM_REPORT         0 rows exported
. . exporting table          T_CFG_MONTHS_BAND

```

9. The above process may take some time. The following screen is displayed once the export process is complete.

```

C:\Windows\system32\cmd.exe

#####:Import log begins:#####
###

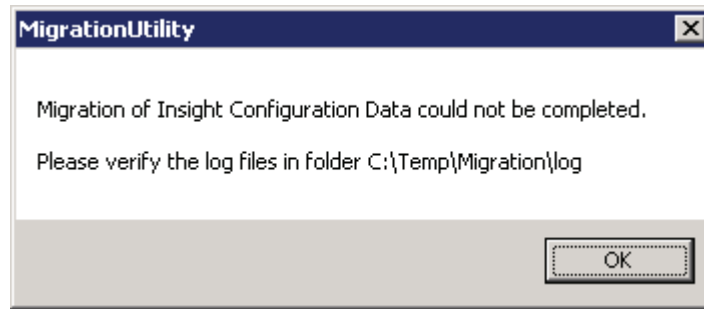
Connecting as APR_MART@INSIGHT70
Connected.

Argus Insight Mart Schema Owner Name : APR_MART
Argus Insight Hist Schema Owner Name : APR_HIST
Argus Insight Enterprise_Id          : 1
Argus Insight Mart Instance Name     : INSIGHT70
Argus Insight Application Path       : C:\Program Files\Oracle\Argus Insight\Data
base\Upgrades\51_TO_70\...\
Argus Insight Dump Folder            : C:\Temp\Migration\dump
Argus Insight Dump File Name         : Migration.dmp
Argus Insight Log Folder             : C:\Temp\Migration\log
Argus Insight Log Folder Name        : Migration.log
Argus Insight temp_folder            : C:\Argus InsightTemp

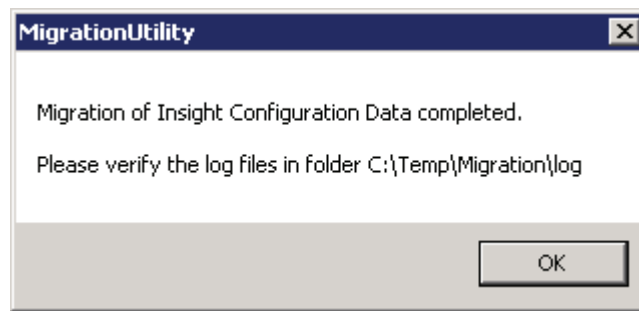
Import is going to start...
Press ctrl+c to QUIT if there are errors in Export.
Press ENTER to start Import.

```

10. If you encounter errors during the export process, press the Ctrl + C key to quit. The following screen is displayed when you quit.



Once the export is complete, press the Enter key to start the import process. When the export process is complete, the following screen is displayed.



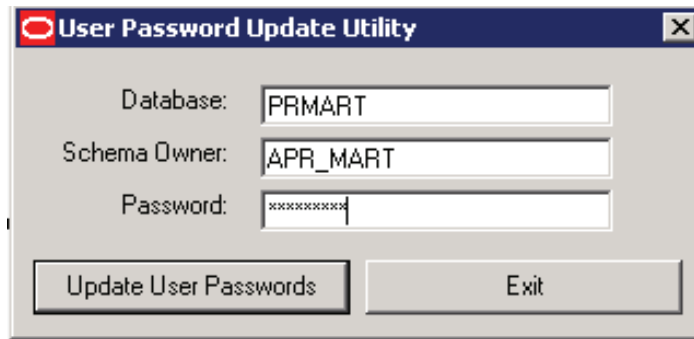
Note: Repeat these steps for migrating Argus Insight 5.1 data in multi-tenant applications by selecting different enterprises from the Enterprise drop-down list, listed in step 5 above.

Note: If you have upgraded Argus Insight using an Argus Safety version earlier than the 6.0 version, and have then upgraded Argus Safety to its 7.0 version, you must execute the User Password Update Utility. To use this utility, click the AIPwdUpdate.exe present in the \Oracle\Database\DBInstaller folder.

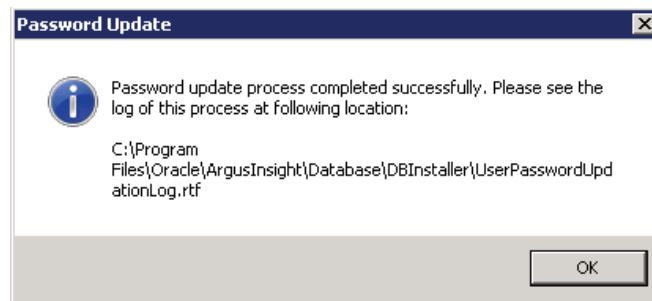
3.3.3.3 Using the User Password Update Utility

Execute the following steps if you wish to use the Upgrade utility:

1. Go to the <Insight_Install_Path>\Database\DBInstaller folder and double-click AIPwdUpdate.exe. The following screen is displayed.



2. Enter the database name and click **Update User Passwords**. On successful update, the following dialog is displayed.



3. Click **OK**. The password process has been updated successfully.

3.3.3.4 Executing SQL Queries to Generate a List of Deleted Power Queries After Migrating from AI 5.1 to AI 7.0

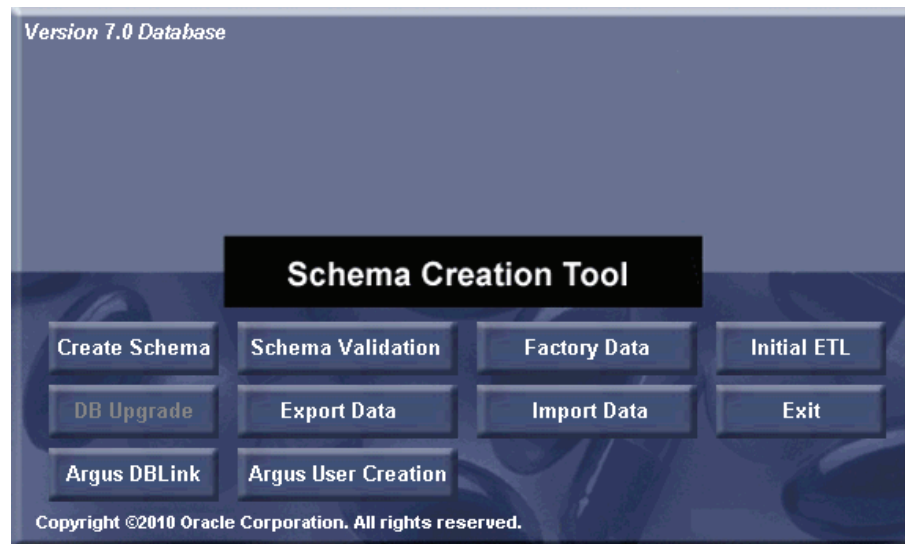
This section is meant to avoid the execution errors that could be encountered if any Power Query contains a nested advanced condition that could get deleted during migration from Argus Insight v5.1 to v7.0. To avoid such errors, execute the following steps:

1. After migrating from Argus Insight version 5.1 to version 7.0, go to <Insight Installation Directory>/Oracle/ArgusInsight/Database/Utils. Open Power_Queries_Req_Change.sql.
2. For a single-tenant installation, connect to APR_MART to execute each of the SELECT queries.
3. For a multi-tenant installation, connect as a SYS user to execute each of the SELECT queries.
4. A list of Power Queries (Advanced Conditions, QBEs, or Filters) is generated. Remove all the references of the last SELECT query results from this list.

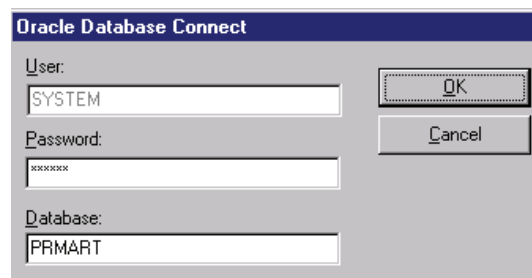
3.4 Validate the Schema

Use the following procedure to validate the database schema:

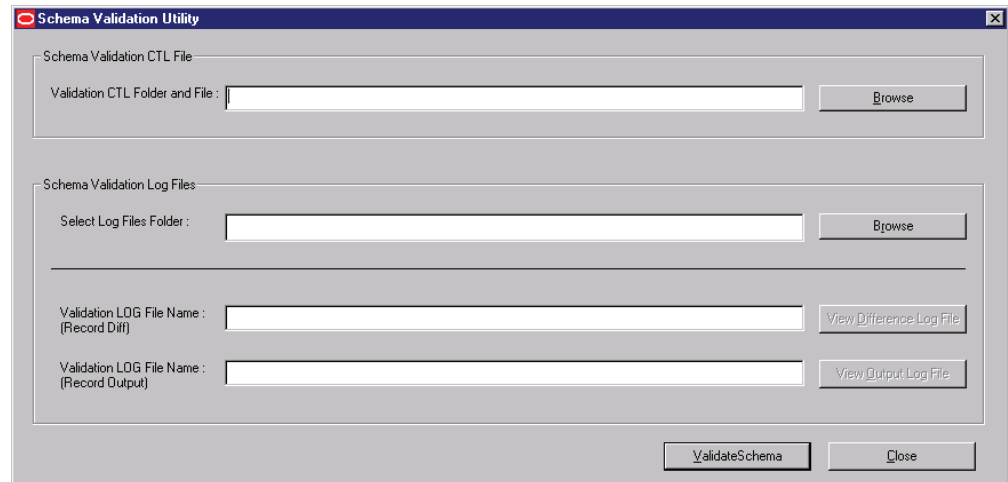
1. Click **Schema Validation** to validate the schema.



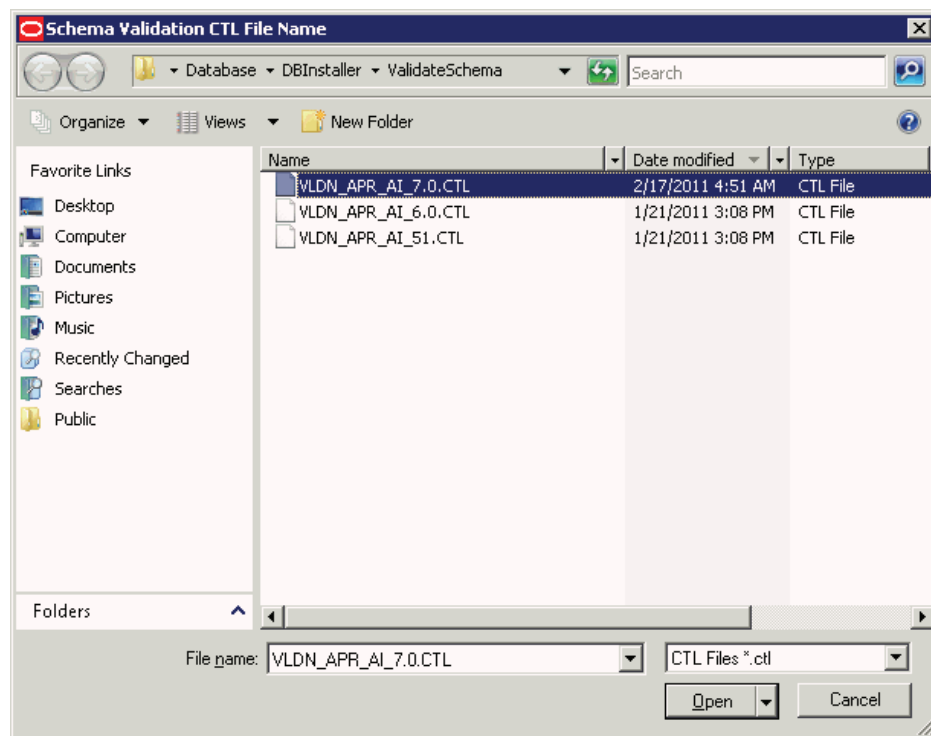
2. When the system opens the following dialog box, enter the SYSTEM password and MART instance name and click **OK**.



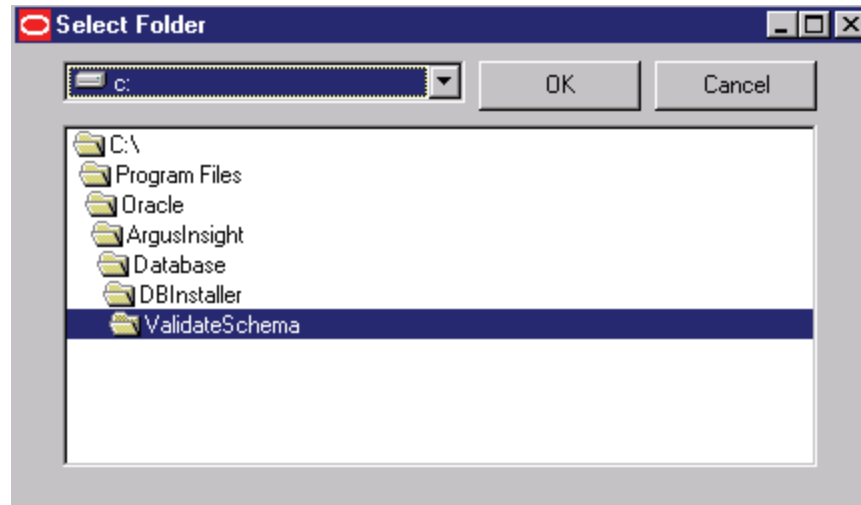
3. When the system opens the following dialog box, click **Browse** to the right of the Validation CTL Folder and File field.



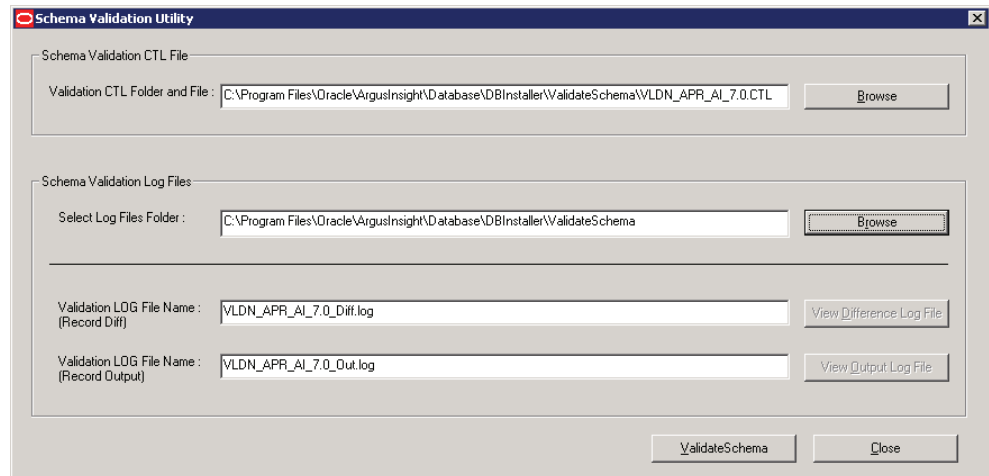
4. When the system opens the following window, select the validation CTL file. Click **Open**.



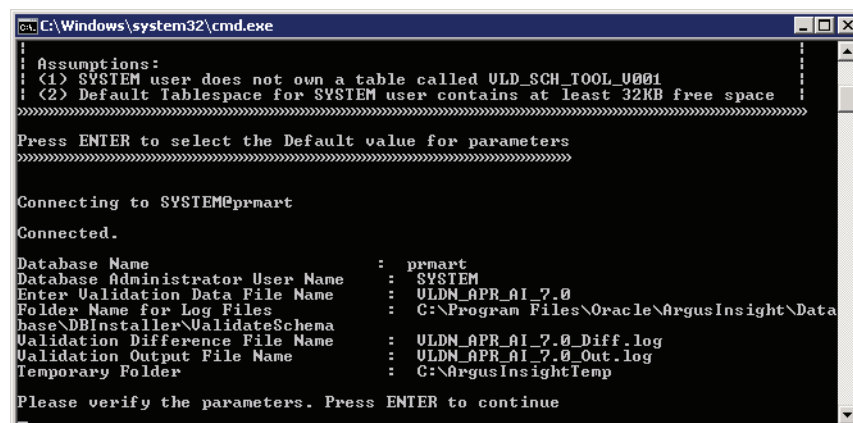
5. When the system redisplay the following dialog box, click **Browse** to the right of the Select Log Files Folder field.



- When the system opens the following dialog box, select the Log files folder. Click **OK**.



- Click **Validate Schema**.
- The system displays a series of command screens as follows. Press **Enter** when prompted to do so.



```

C:\Windows\system32\cmd.exe
Commit point reached - logical record count 85601
Commit point reached - logical record count 86366
Commit point reached - logical record count 87138
Commit point reached - logical record count 87845
Commit point reached - logical record count 88576
Commit point reached - logical record count 89297
Commit point reached - logical record count 90013
Commit point reached - logical record count 90745
Commit point reached - logical record count 91481
Commit point reached - logical record count 92215
Commit point reached - logical record count 92930
Commit point reached - logical record count 93662
Commit point reached - logical record count 94396
Commit point reached - logical record count 95140
Commit point reached - logical record count 95889
Commit point reached - logical record count 96659
Commit point reached - logical record count 97487
Commit point reached - logical record count 98308
Commit point reached - logical record count 99153
Commit point reached - logical record count 99944
Commit point reached - logical record count 100121
.
Done...
Press Enter to Continue...
Press any key to continue . . .

```

```

C:\Windows\system32\cmd.exe
Commit point reached - logical record count 88576
Commit point reached - logical record count 89297
Commit point reached - logical record count 90013
Commit point reached - logical record count 90745
Commit point reached - logical record count 91481
Commit point reached - logical record count 92215
Commit point reached - logical record count 92930
Commit point reached - logical record count 93662
Commit point reached - logical record count 94396
Commit point reached - logical record count 95140
Commit point reached - logical record count 95889
Commit point reached - logical record count 96659
Commit point reached - logical record count 97487
Commit point reached - logical record count 98308
Commit point reached - logical record count 99153
Commit point reached - logical record count 99944
Commit point reached - logical record count 100121
.
Done...
Press Enter to Continue...
Press any key to continue . . .

Press ENTER to resume.

```

```

C:\Windows\system32\cmd.exe
'Validating Schema. Please Wait...'
-----
Dropping Temp Table
-----
Table dropped.

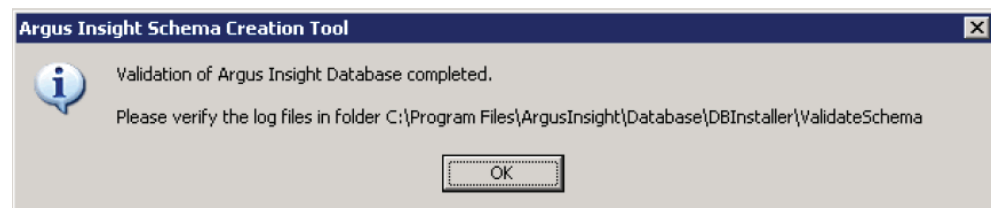
Table dropped.

Done.

Copied output file to: "C:\Program Files\Oracle\Argus Insight\Database\DBInstaller\ValidateSchema\ULDM_APR_AI_7.0_Out.log"
Copied difference file to: "C:\Program Files\Oracle\Argus Insight\Database\DBInstaller\ValidateSchema\ULDM_APR_AI_7.0_Diff.log"
Hit Enter to Finish:

```

- When the system opens the following dialog box, click **OK**.



- When the system displays the log file, verify the log file for any schema discrepancies.

```

## File Name: "C:\Program
Files\Oracle\ArgusInsight\Database\DBInstaller\ValidateSchema\VLDN_APR_AI_7.0_Diff.log"

This file contains the output from the Schema Validation Tool :-
Utility: Schema Validation Script # Version Argus Insight Release 7.0
Copyright © 2010 Oracle Corporation. All Rights Reserved.

-----
Database          : prmart
Mart Owner        : APR_MART
Mart Role         : APR_ROLE
Stage Owner       : APR_STAGE
Login Owner       : APR_LOGIN
Database Link Owner : APR_LINK_USER
Database Link Role : APR_LINK_ROLE
History Owner     : APR_HIST
APP Owner         : APR_APP
APP Role          : APR_APP_ROLE
RLS Owner         : APR_RLS

PL/SQL procedure successfully completed.

Server DateTime at the time of Execution is "22 FEB 2011 02:14:49 PM"

-----

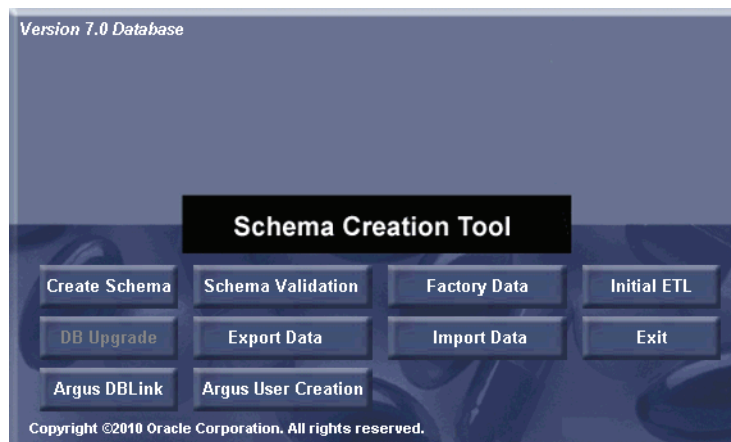
Comparing all Objects with validation Data in Temporary Table
no rows selected

```

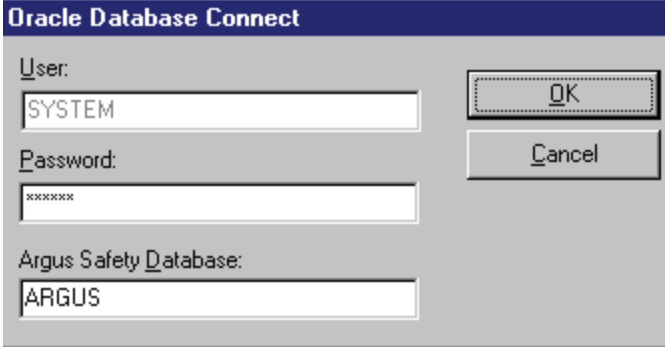
3.5 Create DB Link from Argus Safety to Argus Insight Database

Use the following procedure to create the database link from the Argus Safety database to the Argus Insight database.

- Go to Start>Programs>Oracle>Argus Insight>Schema Creation Tool.

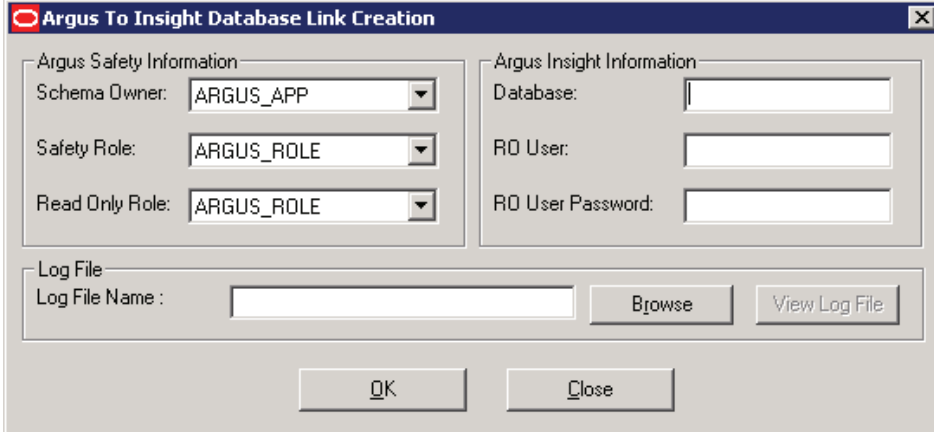


- Click **Argus DBLink**.
- When the system opens the following dialog box, enter the information for the Argus Safety database. Click **OK**.



The image shows the 'Oracle Database Connect' dialog box. It has a title bar with the text 'Oracle Database Connect'. There are three input fields: 'User:' with the text 'SYSTEM', 'Password:' with 'xxxxxx', and 'Argus Safety Database:' with 'ARGUS'. To the right of the 'User:' field is an 'OK' button, and below it is a 'Cancel' button.

4. When the system opens the following dialog box, enter the following:



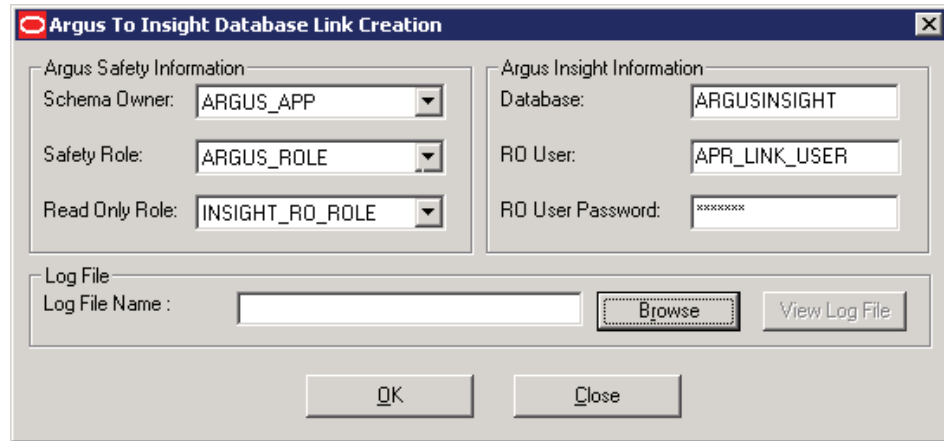
The image shows the 'Argus To Insight Database Link Creation' dialog box. It has a title bar with the text 'Argus To Insight Database Link Creation'. The dialog is divided into two main sections: 'Argus Safety Information' and 'Argus Insight Information'.
 Under 'Argus Safety Information':
 - Schema Owner: ARGUS_APP (dropdown)
 - Safety Role: ARGUS_ROLE (dropdown)
 - Read Only Role: ARGUS_ROLE (dropdown)
 Under 'Argus Insight Information':
 - Database: (empty text field)
 - RO User: (empty text field)
 - RO User Password: (empty text field)
 Below these sections is a 'Log File' section with a 'Log File Name' field and 'Browse' and 'View Log File' buttons. At the bottom of the dialog are 'OK' and 'Close' buttons.

Under Argus Safety Information:

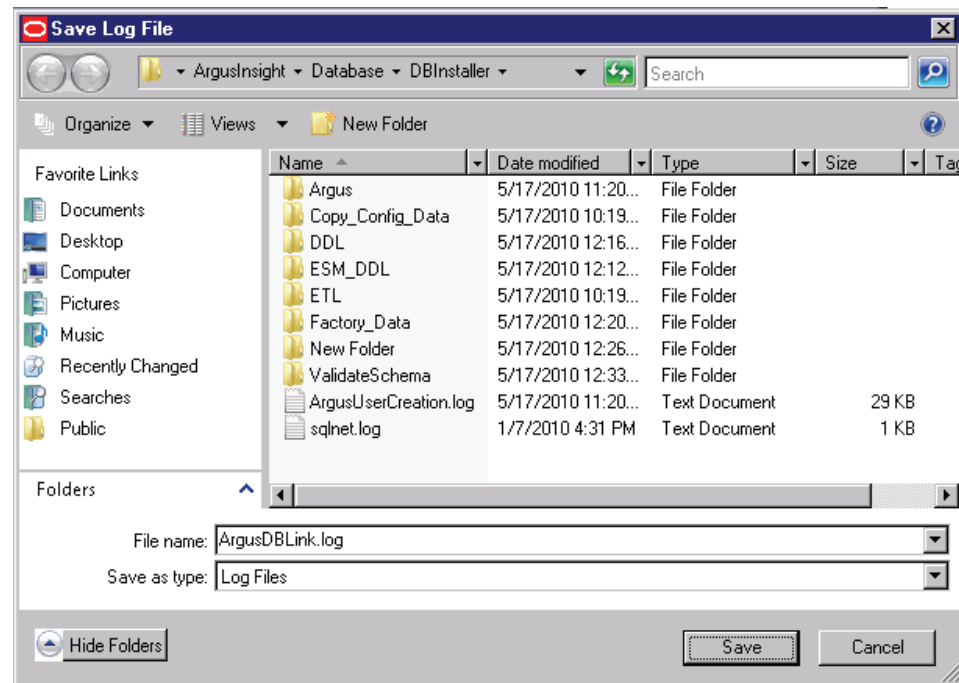
- Select the Argus Safety Schema Owner in the Schema Owner field.
- Select the Argus Safety role in the Safety Role field.
- Select the Insight_RO_Role in the Read Only Role field.

Under Argus Insight Information:

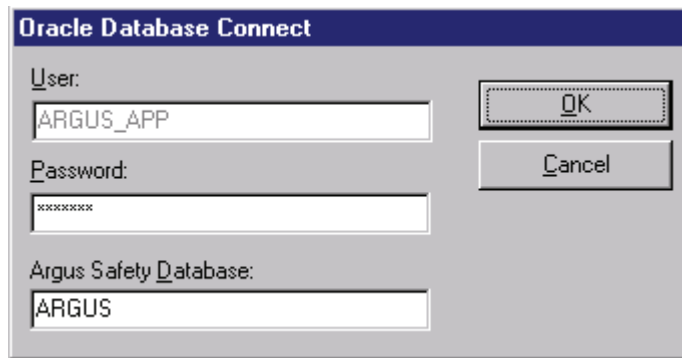
- Enter the name of the Argus Insight database in the Database field.
- Enter the name of the RO user in the RO user field.
- Enter the password for the RO user in the RO User Password field.
- Click **Browse**.



5. When the system opens the following window, select the Log File for storing the DBLink creation information. Click **Save**.

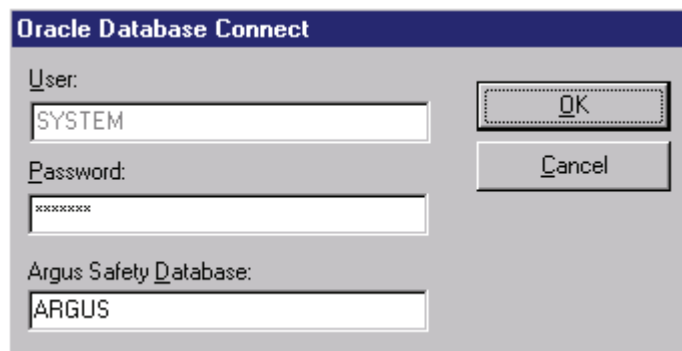


6. When the system returns to the following dialog box, click **OK**.
7. When the system opens the following dialog boxes:
 - Enter the ARGUS_APP database information. Click **OK**.



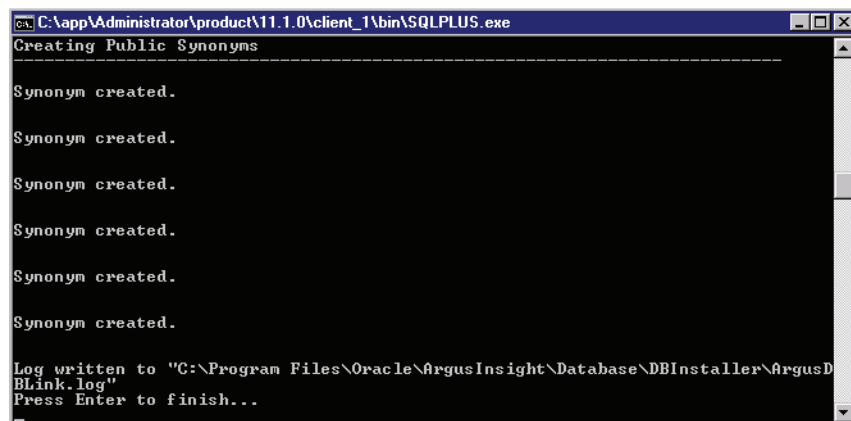
The dialog box is titled "Oracle Database Connect". It contains three input fields: "User:" with the text "ARGUS_APP", "Password:" with "xxxxxxx", and "Argus Safety Database:" with "ARGUS". On the right side, there are two buttons: "OK" and "Cancel".

- Enter the SYSTEM database information. Click OK.



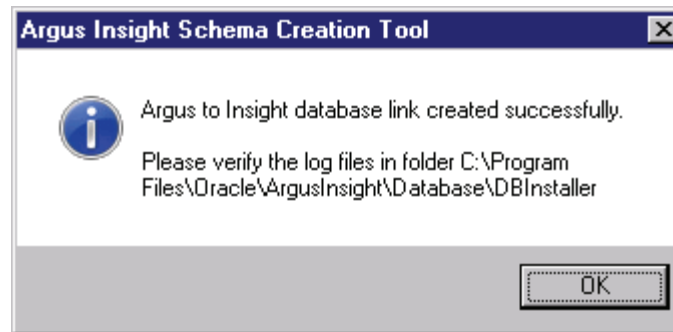
The dialog box is titled "Oracle Database Connect". It contains three input fields: "User:" with the text "SYSTEM", "Password:" with "xxxxxxx", and "Argus Safety Database:" with "ARGUS". On the right side, there are two buttons: "OK" and "Cancel".

8. When the system opens the following command screen, press **Enter** to finish.



```
C:\app\Administrator\product\11.1.0\client_1\bin\SQLPLUS.exe
Creating Public Synonyms
-----
Synonym created.
Synonym created.
Synonym created.
Synonym created.
Synonym created.
Synonym created.
Log written to "C:\Program Files\Oracle\Argus Insight\Database\DBInstaller\ArgusD
BLink.log"
Press Enter to finish...
```

9. When the system opens the following dialog verify the log files. Click **OK**.



Configure the Argus Insight Application

This chapter provides information for configuring the Argus Insight application and the Argus Insight scheduling service.

4.1 Configure the Argus Insight Application Profile Switches

Use the following procedure to configure the Argus Insight profile switches. For more information about setting common profiles switches, see the CMN_PROFILE documents (CMN_PROFILE_GLOBAL.pdf and CMN_PROFILE_ENTERPRISE.pdf).

1. Log on with administrative rights to a workstation from where you can access the Argus Insight application.
2. Start Internet Explorer.
3. In the Address bar, type the URL `http://<Argus Insight Web Server Name> :<port number>/default.asp` and press Enter.
4. When the system opens the Argus Insight login screen:



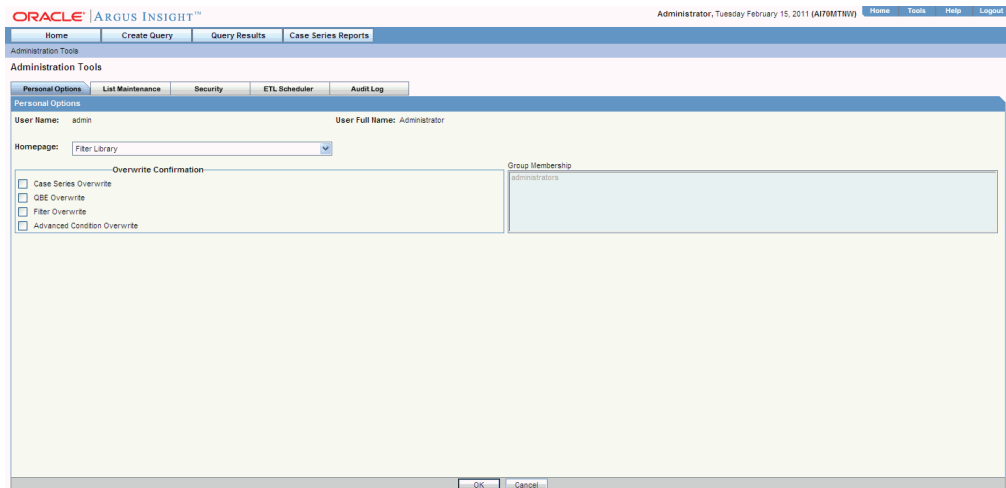
- a. Type `admin` in the **User Name** field.
- b. Type the password in the **Password** field. This password is the same as the password of the admin user in Argus Safety.
- c. Click **Login**.

Note: If you are using a Single Sign On (SSO) environment, you must ensure that SSO tools such as OAM are disabled on the Argus Insight Web Server for initial configuration. The only administrator user in Argus Insight is a non-LDAP user. A non-LDAP user cannot login to Argus Insight with SSO tools set to Enabled.

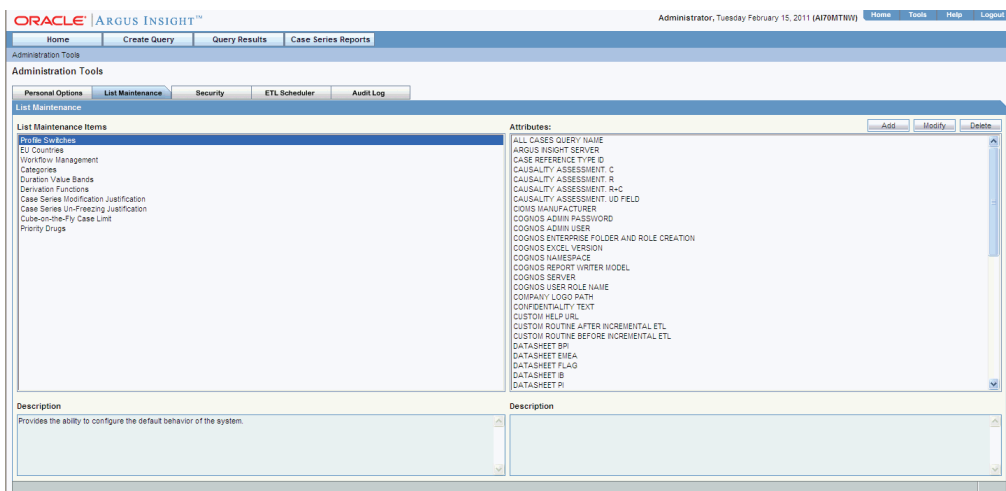
Note: In case of a multi-tenant setup, you must ensure that all the configuration is done using the default enterprise.

- This will help in copying the configuration to a different enterprise.
- All the global configuration is available in the default enterprise.

5. When the system opens the following window, click the **Tools** tab in the upper-right corner of the main to open the Administration Tools page.

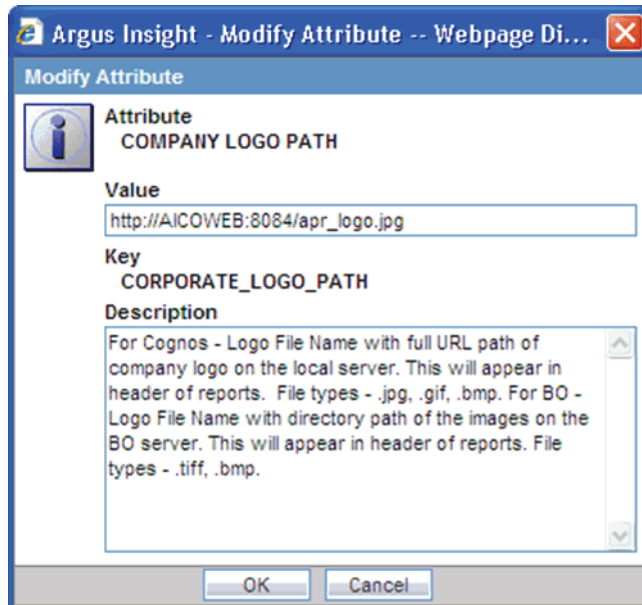


6. Click the List Maintenance tab. When the system opens the List Maintenance tab:

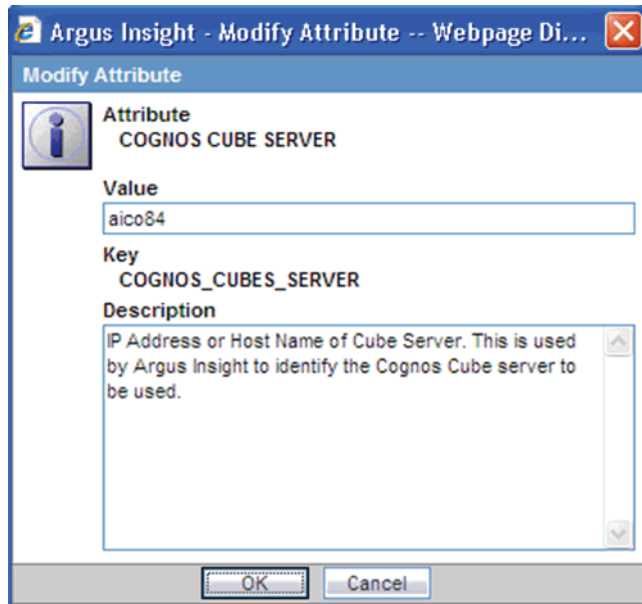


- a. Select Profile Switches from the List Maintenance Items list.
- b. Select COMPANY LOGO PATH from the Attributes list.

- c. Click Modify.
7. When the system opens the following dialog box:



- a. Enter `http://argusinsightwebserver:8084/apr_logo.jpg` in the Value field. This is the company logo path name.
 - b. Click OK to save the modification and return to the List Maintenance tab.
8. Select COGNOS CUBE SERVER from the Attributes list on the List Maintenance tab. This attribute is applicable for single-tenant installations only. Click Modify.
9. When the system opens the following dialog box:

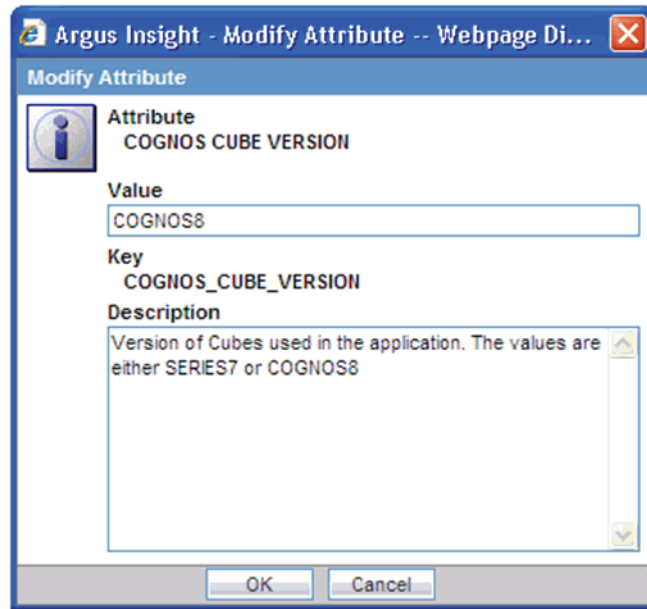


- a. Type the Cognos 8/Cognos Cube Server name in the Value field.
- b. Click OK to save the modification and return to the List Maintenance tab.

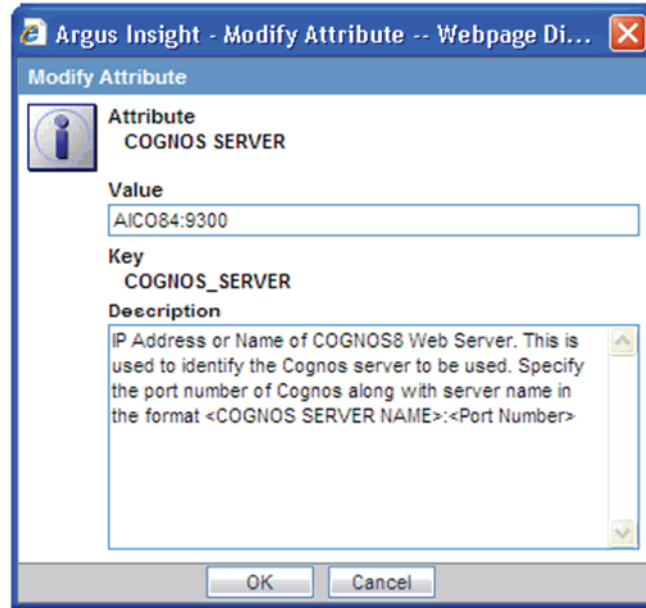
Note: Enter Cognos 8 Server name if you are using Cognos 8 Transformer.

Enter Cognos Cube Server name if you are using Cognos Series 7.4 softwares.

10. Select Cognos Cube Version from the Attributes list on the List Maintenance tab. This attribute is applicable for single-tenant installations only. Click Modify.
11. When the system opens the following dialog box:



- a. Depending on the Cube version, enter COGNOS8 or SERIES7 in the Values field.
 - b. Click OK.
12. Select COGNOS SERVER from the Attributes list on the List Maintenance tab. Click Modify.
13. When the system opens the following dialog box:



- a. Enter the Cognos 8 server name and Port number in the Value field in the following format: ServerName:PortNumber.
- b. Click OK to save the modification and return to the List Maintenance tab.

Note: Value of Cognos server will be like Cognos 8 Server:Cognos 8 Port number (srv001:9300). 9300 is the default port for Cognos 8 application.

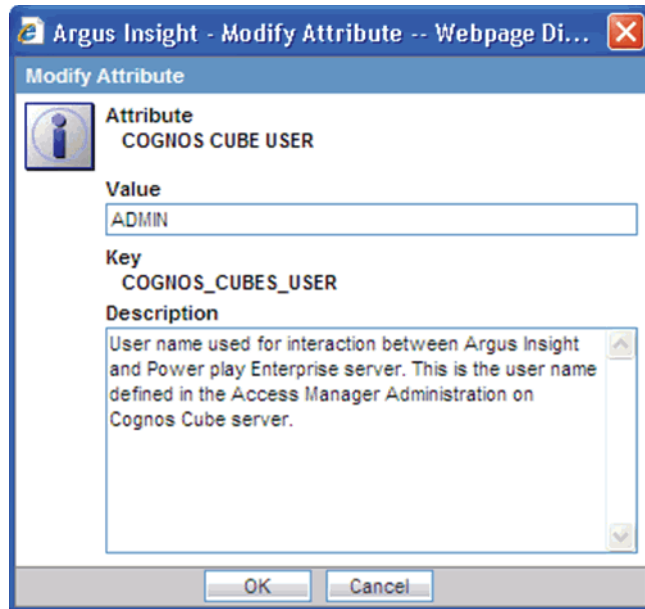
14. Select COGNOS CUBE Password from the Attributes list on the List Maintenance tab. Click Modify.
15. When the system opens the following dialog box:

The screenshot shows a dialog box titled "Argus Insight - Modify Attribute -- Webpage Di...". Inside, the "Modify Attribute" section is active. The "Attribute" is "COGNOS CUBE PASSWORD". There are two password input fields: "Value" and "Confirm Password", both containing masked characters (dots). The "Key" is "COGNOS_CUBES_PASSWORD". The "Description" field contains the text: "Password for Cognos Cube User. If it does not match the Cognos Cube Password that was configured at the time of cubes configuration, then application access to cubes will fail." At the bottom, there are "OK" and "Cancel" buttons.

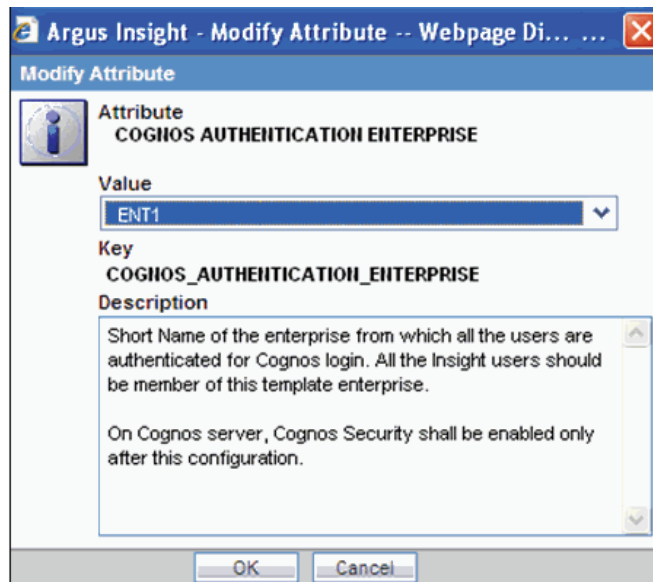
- a. Enter the Cognos Cube password in the Value field. This attribute is applicable for single-tenant installations only. This is the password you specify in Access Manager Administration.
- b. For verification, re-enter the password in the Confirm Password field.
- c. Click OK to save the modification and return to the List Maintenance tab.

Note: The values listed in the preceding configuration apply only if you are using Series 7 software for Cubes.

16. Select COGNOS CUBE USER from the Attributes List on the List Maintenance tab. This attribute is applicable for single-tenant installations only. Click Modify.
17. When the system opens the following dialog box:



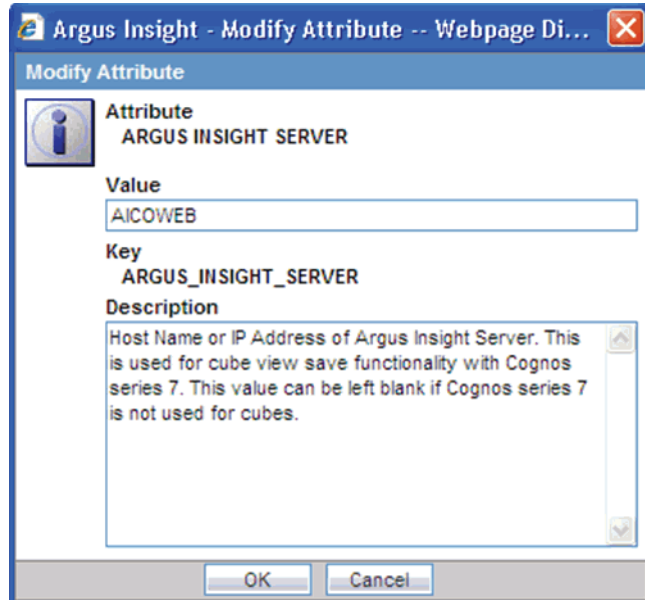
- a. Enter the name of Cognos Cube User. The default is admin.
 - b. Click OK to save the modification and return to the List Maintenance tab.
18. Select COGNOS AUTHENTICATION ENTERPRISE from the Attributes List on the List Maintenance tab. Click Modify.
19. When the system opens the following dialog box:



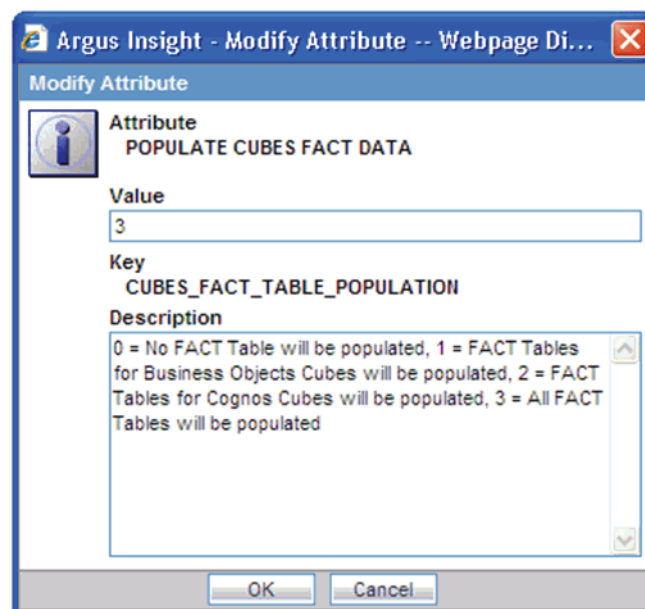
- a. Select and save the Enterprise Short Name from which all users are authenticated for Cognos login, in the Value field.

Note: It is mandatory to configure the Cognos Authentication Enterprise Profile Switch for Cognos integration. The default value of this switch is Null.

- b. Click OK to save the modification and return to the List Maintenance tab.
20. Select ARGUS INSIGHT SERVER from the Attributes List on the List Maintenance tab. Click Modify.
21. When the system opens the following dialog box:



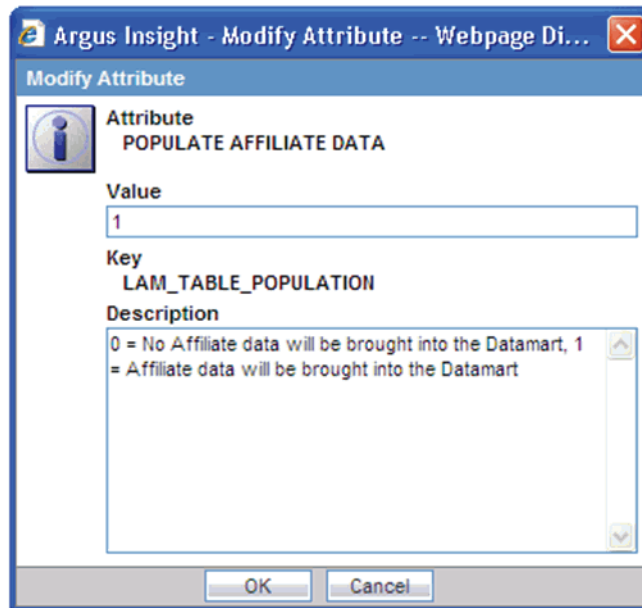
- a. Enter the name of Argus Insight Server in the Values field.
 - b. Click OK to save the modification and return to the List Maintenance tab.
22. Select POPULATE CUBES FACT DATA from the Attributes List on the List Maintenance tab. This attribute is applicable for single-tenant installations only. Click Modify.
23. When the system opens the following dialog box:



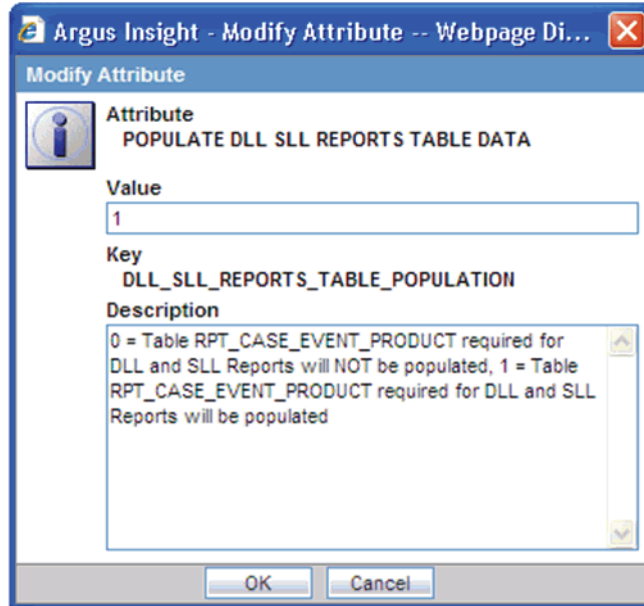
- a. Enter the value as "1" or "3" in the Value field.
- b. Click OK to save the modification and return to the List Maintenance tab.

Note: For Argus Insight with BOXI, set this value to 1.
 For Argus Insight with Cognos, set this value to 2.
 For populating all tables of cubes, set this value to 3.

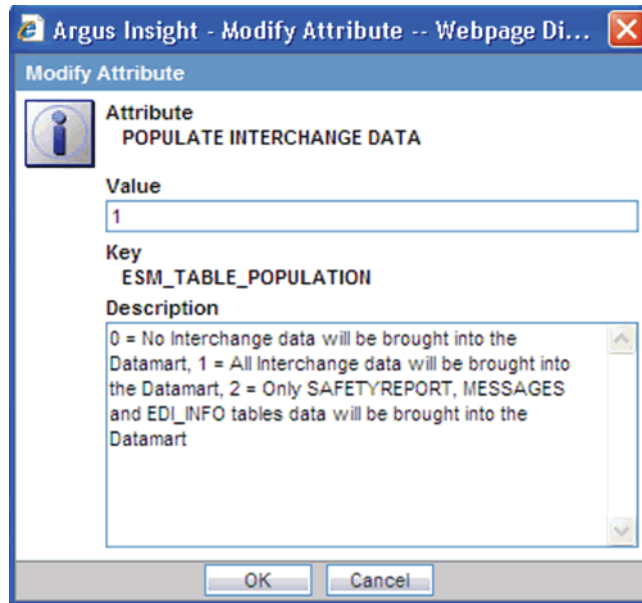
24. Select POPULATE AFFILIATE DATA from the Attributes List on the List Maintenance tab. Click Modify.
25. When the system opens the following dialog box:



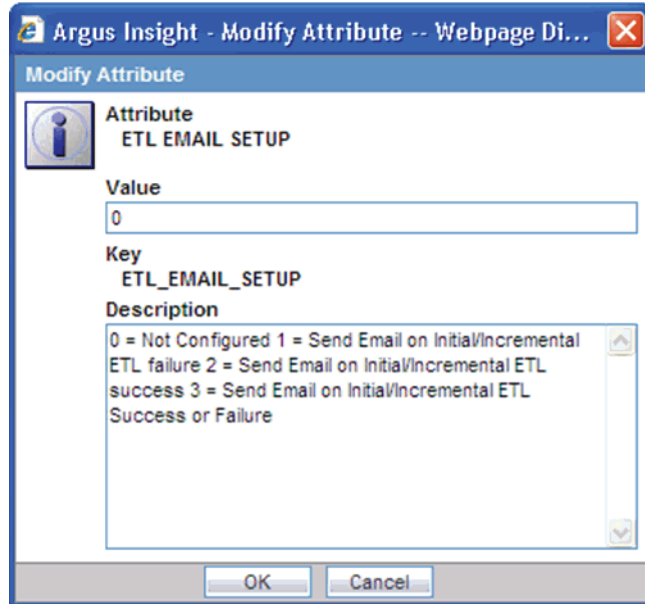
- a. Enter the value of the Affiliate data in the Value field.
 - b. Click OK to save the modification and return to the List Maintenance tab.
26. Select POPULATE DLL SLL REPORTS TABLE DATA from the Attributes List on the List Maintenance tab. Click Modify.
 27. When the system opens the following dialog box:



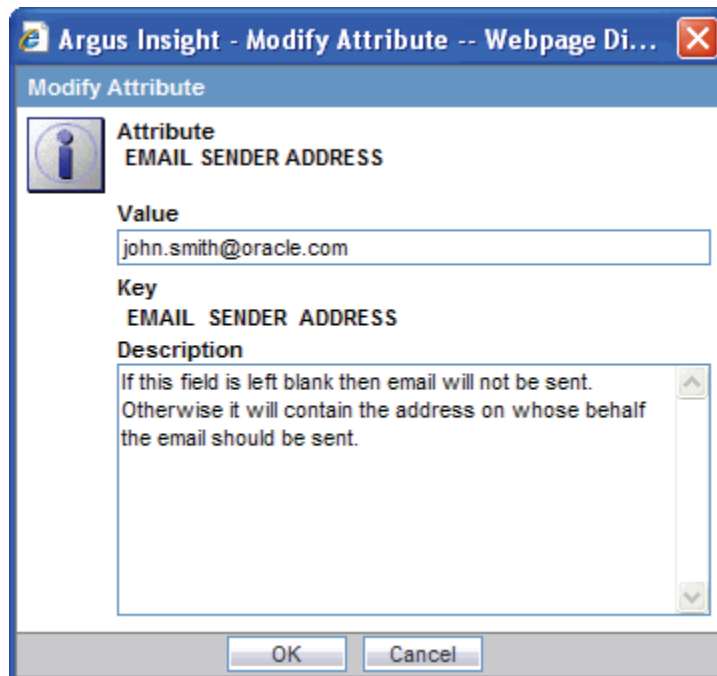
- a. Enter the value of the DLL SLL Reports Table Data in the Value field.
 - Click OK to save the modification and return to the List Maintenance tab.
28. Select POPULATE INTERCHANGE DATA from the Attributes List on the List Maintenance tab. Click Modify.
29. When the system opens the following dialog box:



- a. Enter the value of the Interchange Data in the Value field.
- b. Click OK to save the modification and return to the List Maintenance tab.
30. Select ETL EMAIL SETUP from the Attributes List on the List Maintenance tab. Click Modify.
31. When the system opens the following dialog box:

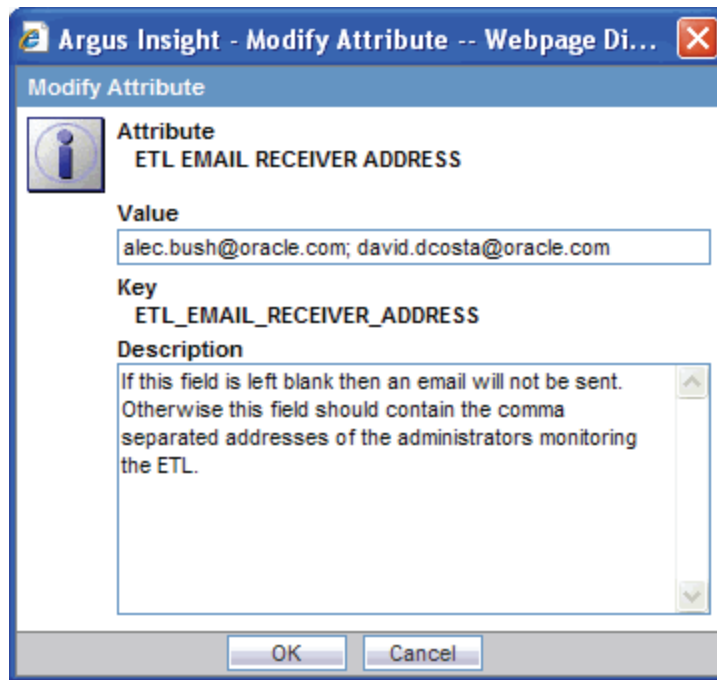


- a. Enter the value for the ETL Email Setup in the Value field.
 - b. Click OK to save the modification and return to the List Maintenance tab.
32. Select EMAIL SENDER ADDRESS from the Attributes List on the List Maintenance tab. Click Modify.
33. When the system opens the following dialog box:



- a. Enter the email address of the person who will send all the Argus Insight email messages in the Value field.
- b. Click OK to save the modification and return to the List Maintenance tab.

34. Select ETL EMAIL RECEIVER ADDRESS from the Attributes List on the List Maintenance tab. Click Modify.
35. When the system opens the following dialog box:



- a. Enter the email address of the person receiving ETL status email messages in the Value field.
 - b. Click OK to save the modification and return to the List Maintenance tab.
36. Populate Optional Table switches are used for different Argus Insight Reports.

Set the following switches to "1" only if you are using the corresponding reports as mentioned with the switch name.

POPULATE RPT_REG_REPORTS COLUMNS:

0 = Extra columns of table RPT_REG_REPORTS will NOT be populated, 1 = Extra columns of table RPT_REG_REPORTS will be populated (These columns are used in Business Objects version, Compliance category report "Regulatory Submission and Distribution Compliance")

POPULATE NARRATIVE LANGUAGES TABLE:

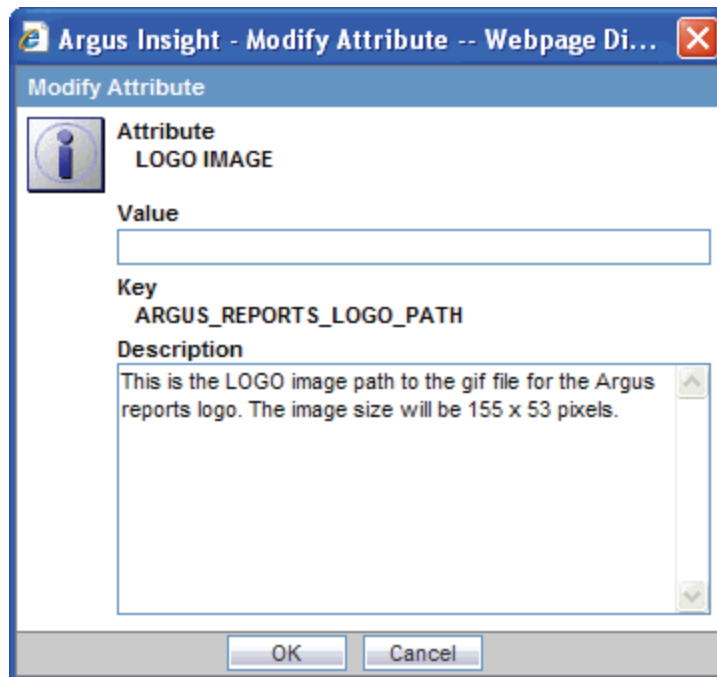
0 = Tables RPT_CNL_MLINGUAL and RPT_CNL_ENGLISH will NOT be populated, 1 = Tables RPT_CNL_MLINGUAL and RPT_CNL_ENGLISH will be populated. These tables are used by General Category Reports 'Case Narrative Listing - Multilingual' and "Case Narrative Listing - English".

POPULATE DATA QUALITY INDICATOR:

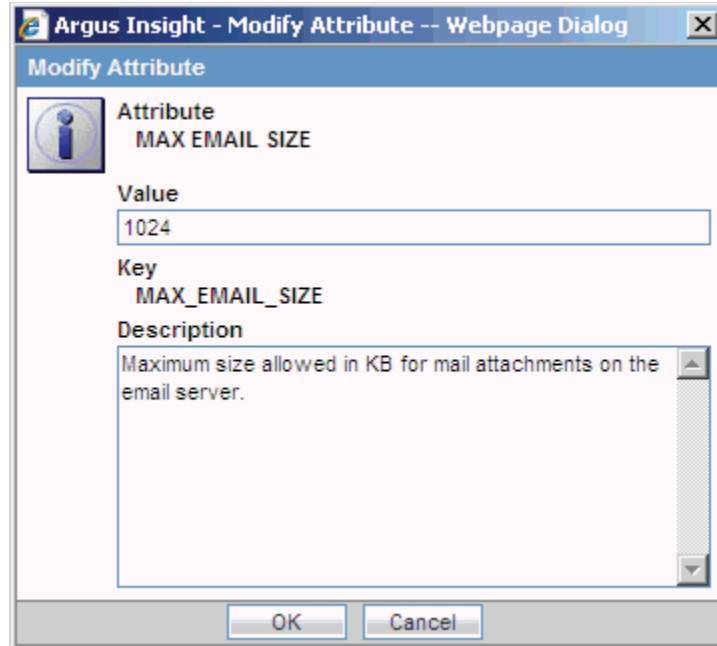
0= Table DATA_QUALITY_INDICATOR required for Data Quality Indicator report will NOT be populated, 1 = Table DATA_QUALITY_INDICATOR required for "Data Quality Indicator report" will be populated.

Note: Ensure that you run the initial ETL after updating any of the ETL Population switches.

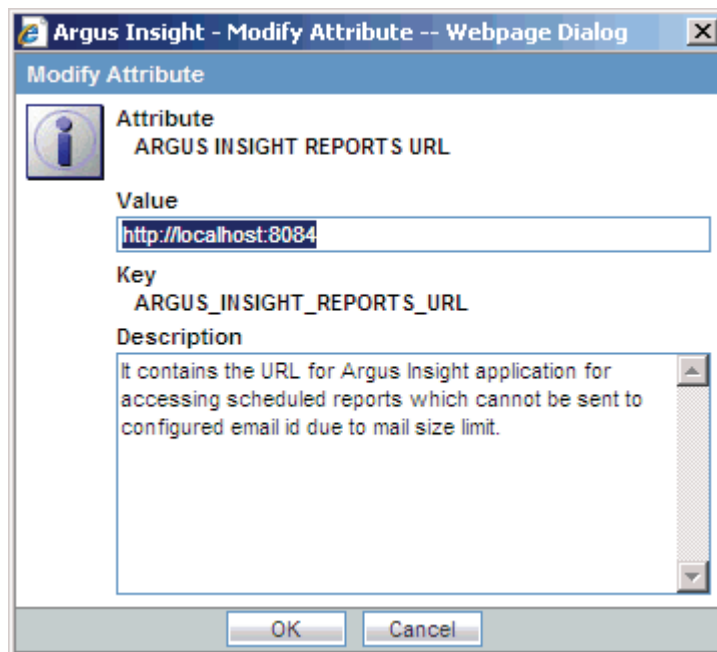
37. Select LOGO IMAGE from Attributes List on the List Maintenance tab to configure the logo for Argus Reports.



- a. Enter the logo image path from Insight Web Server in the Value field. For example, enter the Value as C:\apr_logo.gif. Ensure that the size of this file is 155x53 pixels.
 - b. Click OK to save the modification and return to the List Maintenance tab.
38. Select MAX EMAIL SIZE from the Attributes List on the List Maintenance tab. Click Modify.
39. When the system opens the following dialog box:

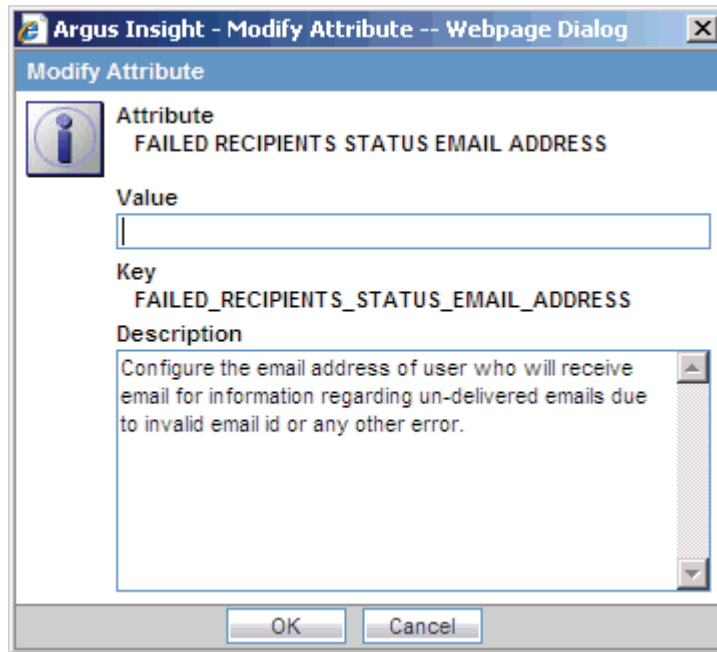


- a. Enter a numeric value in the Value field. This value defines the maximum attachment size limit of the mail server in the organization.
 - b. Click OK to save the modification and return to the List Maintenance tab.
40. Select ARGUS INSIGHT REPORTS URL from the Attributes List on the List Maintenance tab. Click Modify.
41. When the system opens the following dialog box:



- a. In the Value field, enter the URL for the Argus Insight application for accessing scheduled reports which cannot be sent to the configured e-mail ID, due to mail size limit (configured above).

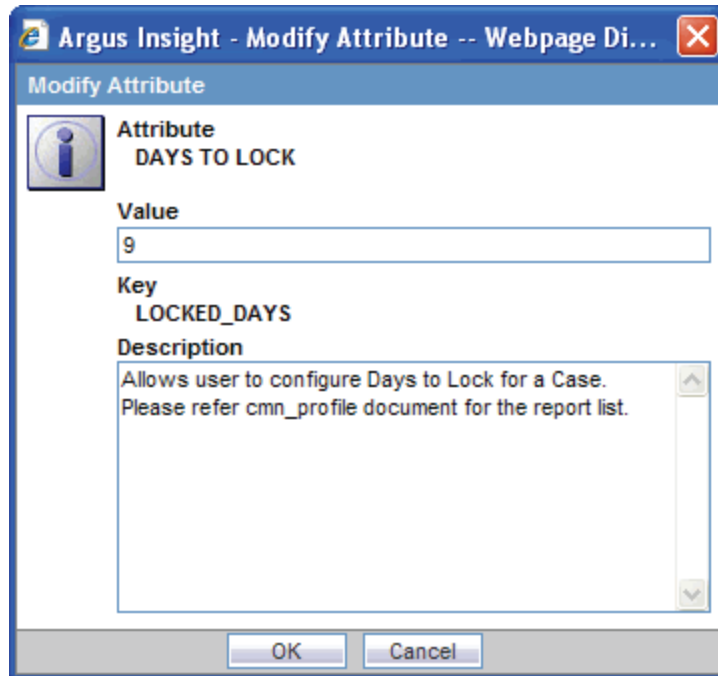
- b. Click OK to save the modification and return to the List Maintenance tab.
42. Select FAILED RECIPIENTS STATUS EMAIL ADDRESS from the Attributes List on the List Maintenance tab. Click Modify.
43. When the system opens the following dialog box:



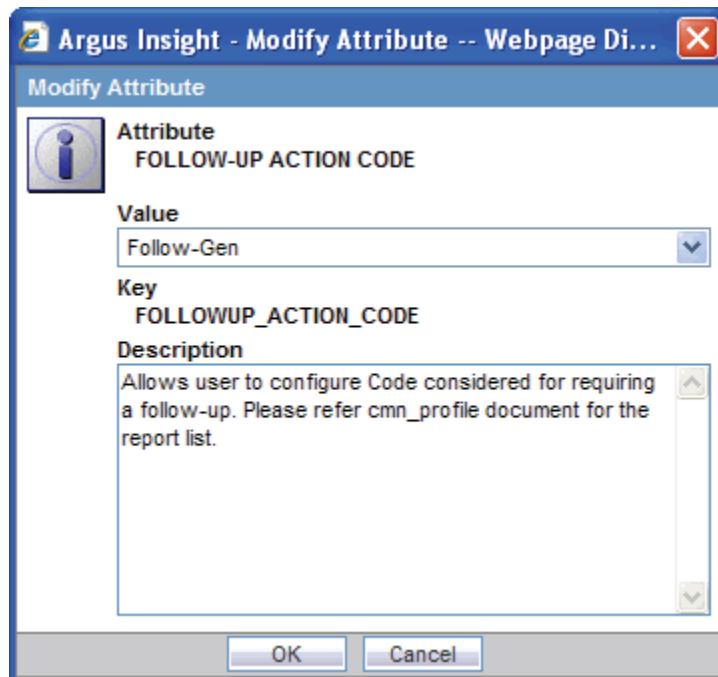
- a. In the Value field, enter the E-mail ID of the user who will receive information about undelivered e-mails.
- b. Click OK to save the modification and return to the List Maintenance tab.

Note: The above 3 attributes for Report Scheduling were earlier part of the Mailconfig.xml file. These have now been moved to the List Maintenance section.

44. Select DAYS TO LOCK from the Attributes List on the List Maintenance tab. Click Modify.
45. When the system opens the following dialog box:



- a. Enter an appropriate value in the Value field.
 - b. Click OK to save the modification and return to the List Maintenance tab.
46. Select FOLLOW-UP ACTION CODE from the Attributes List on the List Maintenance tab. Click Modify.
47. When the system opens the following dialog box:



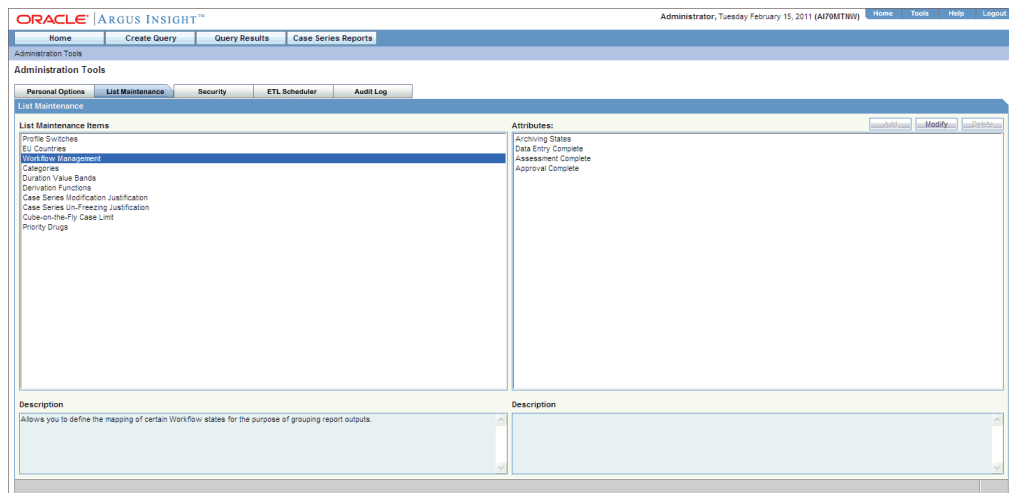
- a. Enter the Follow-up Action Code in the Value field.

- b. Click OK to save the modification and return to the List Maintenance tab.
- 48. Select FOLLOW GEN from the Attributes List on the List Maintenance tab. Click Modify.
- 49. When the system opens the dialog box:
 - a. Select Follow-Gen from the list box.
 - b. Click OK to save the modification and return to the List Maintenance tab.

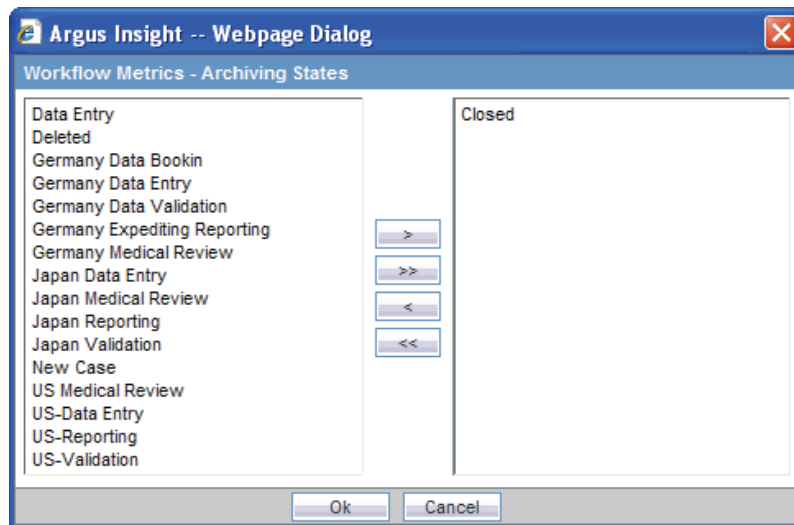
4.1.1 Configuring Workflow Management

Use the following procedure to configure workflow management for the Argus Insight application. Workflow is company-specific and your company may not use all the Workflow states.

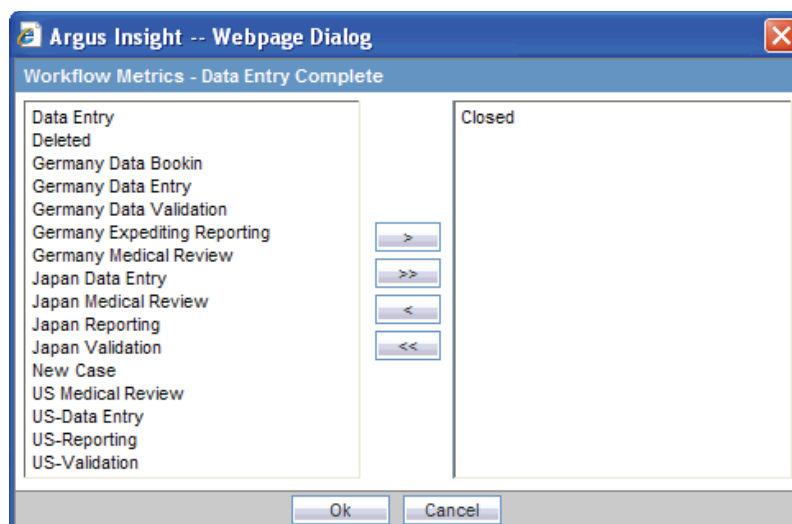
1. Select Workflow Management from the List Maintenance Items list.



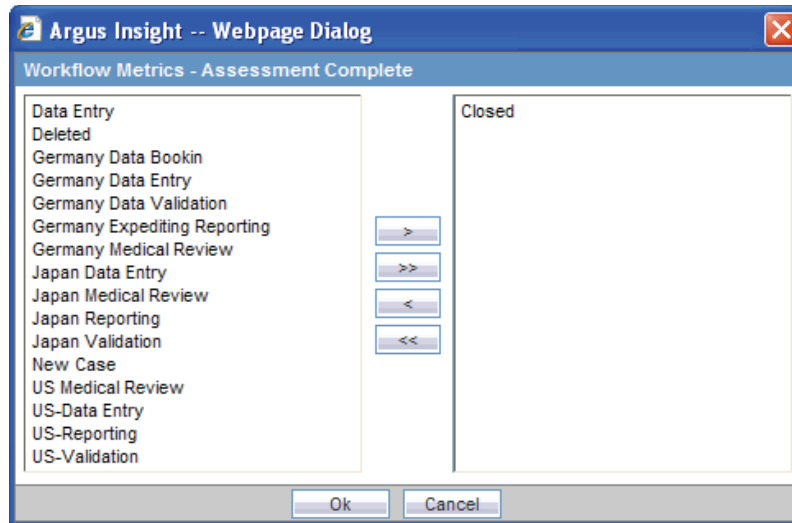
2. Select Archiving States from the Attributes list. Click Modify.
3. When the system opens the following dialog box:



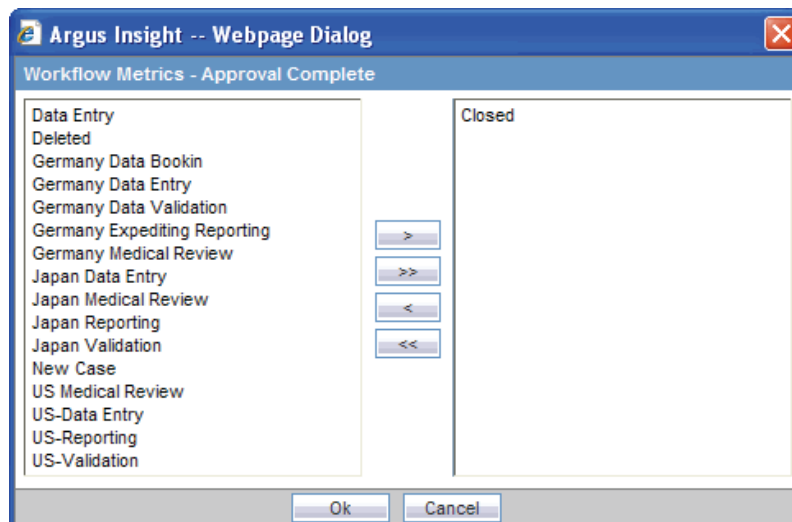
- a. Select Germany Expediting Reporting, US-Reporting and Japan Reporting from the list on the left.
 - b. Click > to add them as Archiving States.
 - c. Click OK to save the modification and return to the List Maintenance tab.
4. Select Data Entry Complete from the Attributes list on the List Maintenance tab. Click Modify.
 5. When the system opens the following dialog box:



- a. Select Germany Data Validation, US-Validation, and Japan Validation from the list on the left.
 - b. Click > to add them as Data Entry Complete.
 - c. Click OK to save the modification and return to the List Maintenance tab.
 - d. Remove the Closed item from the list on the right by selecting Closed and clicking <.
 - e. Click OK to save the modification and return to the List Maintenance page.
6. Select Assessment Complete from the Attributes list on the List Maintenance tab. Click Modify.
 7. When the system opens the following dialog box:



- a. Select Germany Medical Review, US Medical Review, and Japan Medical Review from the list on the left.
 - b. Click > to add them as Assessment Complete.
 - c. Click OK to save the modification and return to the List Maintenance tab.
 - d. Remove the Closed item from the list on the right by selecting Closed and clicking <.
 - e. Click OK to save the modification and return to the List Maintenance page.
8. Select Approval Complete from the Attributes list on the List Maintenance tab. Click Modify.
 9. When the system opens the following dialog box:



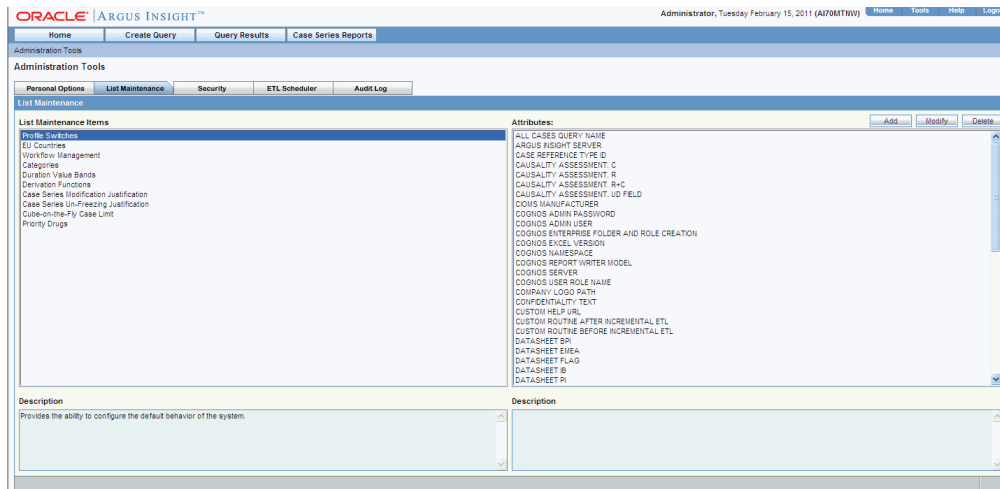
- a. Select Germany Medical Review, US Medical Review, and Japan Medical Review from the list on the left.
- b. Click > to add them as Approval Complete.
- c. Click OK to save the modification and return to the List Maintenance tab.

- d. Remove the Closed item from the list on the right by selecting Closed and clicking <.
 - e. Click OK to save the modification and return to the List Maintenance page.
10. Click the Logout icon in the upper-left corner of the page to exit Argus Insight.

4.1.2 Configuring the Product Datasheet

Use the following procedure to configure the product datasheet.

1. Login to Argus Insight.
2. Go to Admin Tools -> List Maintenance tab.



3. Select Datasheet fields from the attribute list.
4. Specify the DATASHEET BPI, EMEA, IB and PI fields value column of CASE_PRODUCT through Profile Switches as shown in the following illustration.

4.1.3 Configuring the Investigational Datasheet/Marketed Datasheet /Date Difference Band

In order to get dimensional data from the Medical Analysis, Clinical Trial Analysis, and Overdose-Pregnancy-Interaction cubes, these attributes must be configured before initial ETL

Note: These attributes need to be configured before Initial ETL, in order to get data in dimensions with respect to the Medical Analysis, Clinical Trial Analysis and Overdose-Pregnancy-Interaction Cubes.

- Investigational Datasheet

The Listedness of the events corresponding to the configured investigational datasheet will be displayed in the "Event Listedness" dimension of the Clinical Trial Analysis Cube.

- Marketed Datasheet

The Listedness of the events corresponding to the configured Marketed datasheet will be displayed in the "Event Listedness" dimensions of the Medical Analysis and Overdose-Pregnancy-Interaction Cubes.

- Date Difference Band

The Listedness of the events corresponding to the configured Date Difference Band allows the user to configure the highest value of the dimensions which have Date Difference columns as data source in Administration Statistics and Submission Statistics Cube

For specific information on configuring Investigational Datasheet, Marketed Datasheet and Date Difference Band, please refer the Configuration base document (CBD) provided with the CD.

4.1.4 Configuring Duration Value Bands

In Argus Insight, the time values (entered in Argus Safety) in the Product Tab > Drug Duration of Administration, Events Tab > Time to Onset from First Dose, and Events Tab > Time to Onset from Last Dose fields can be mapped to specific ranges called Duration Value Bands. This enables you to specify querying criteria based on ranges instead of specific values for the above fields.

The Duration Values Bands item on the List Maintenance page enables you to configure the duration value bands in the hours, days, weeks, months, and years categories. In each category, the system enables you to specify multiple ranges by entering maximum and minimum value for each range item. Any value that falls within a configured range will map to that range.

In the Duration Value Bands Configuration dialog box, you can delete an existing range by clicking the Delete icon or you can modify a range by editing the values in the Higher Range (<) columns. Note that the lowest band cannot be deleted. Additionally, the highest value band includes values that are greater than the highest range value that you specify. To add a range, enter a higher range compared to the previous highest range in Higher Range (<) and press TAB. This adds a new row.

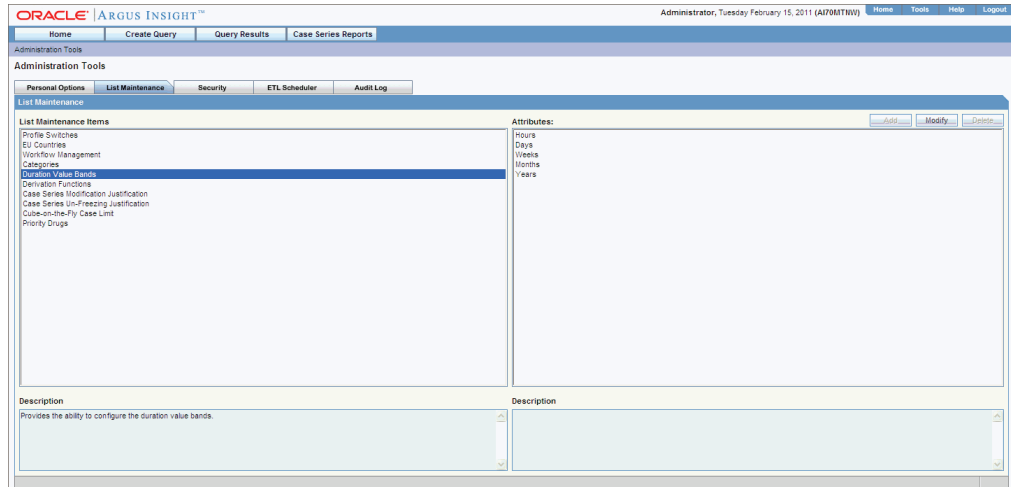
If you delete an intermediate range, the system automatically converts the highest value of the deleted to the lowest value in the next range. The range labels do not change.

Note: Duration Value Band configuration must be done before running the Initial ETL.

If Duration Value Bands are modified after Initial ETL, you must re-run the Initial ETL.

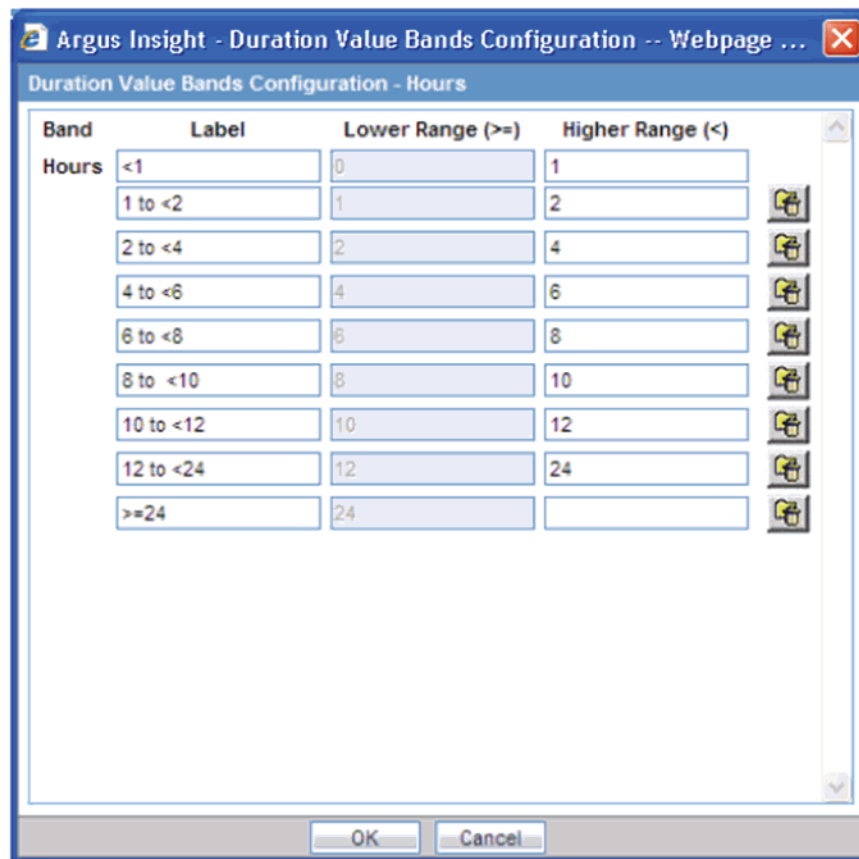
Use the following procedure to configure Duration Values Bands.

1. On the List Maintenance tab, select the Duration Values Bands item from the List Maintenance Items list.



The Attributes list displays the existing categories. These are default categories and cannot be modified.

2. Select an Attributes category. Click Modify.
3. When the system opens the Duration Value Bands Configuration dialog box, the system displays the factory-configure date ranges.



- The Label column is the name of the range.
- The Lower Range (>=) and Higher Range (<) columns contain the minimum and maximum values, respectively.

- a. Modify these values as appropriate.
- b. Click OK to save the changes.

4.1.5 Configuring Derivation Functions

Argus Insight lets you create a new List Maintenance item and derive specific cases to this item based on case attributes. These attributes are supplied to the system as an SQL.

For example, you can create a new List Maintenance item called **Report Type 1** and derive to this item, all the cases that have the **Report Type** attribute as **Spontaneous**, **Literature**, and **Compassionate Use**. As a result, the **Report Type 1** List Maintenance item appears as an option in the query tool interface corresponding to the **Report Type** attribute. When you select the **Report Type 1** from the **Report Type** list and execute your query, the system returns only those cases that have the report type attribute as **Spontaneous**, **Literature**, and **Compassionate Use**.

You can also create a specialized List Maintenance item called **Report Type 1 US** and derive to this item, all the cases that have the **Report Type** attribute as **Spontaneous**, **Literature**, and **Compassionate Use** and the **Country of Incidence** attribute as **United States**.

Note: There can be situations where two different List Maintenance items you create contain similar attributes in the SQL criteria. In this case, you can assign a priority level to individual List Maintenance items. The priority level determines which LM item SQL is executed first.

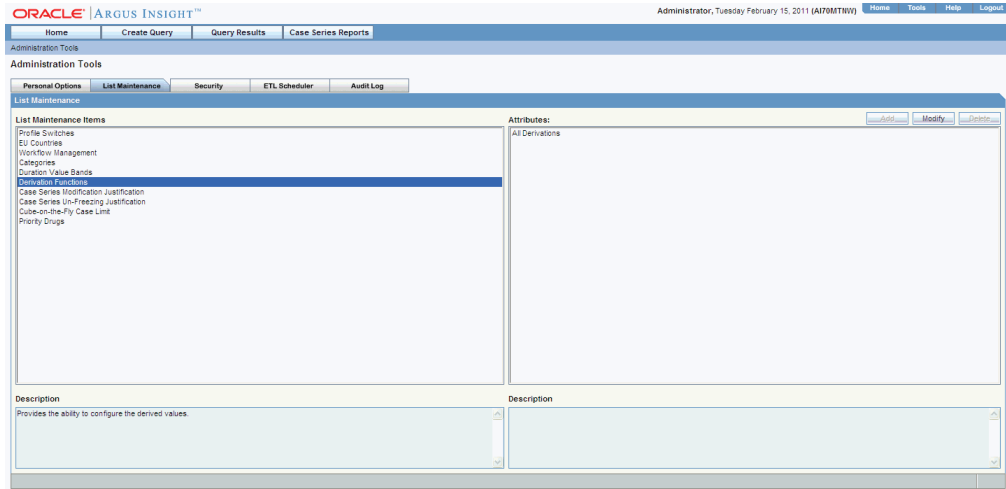
The Argus Field Mapping derivation rules are applicable as follows:

- ANALYSIS->BfArM Information -> Causality
- ANALYSIS->Case Assessment -> Listedness Determination
- ANALYSIS->Case Assessment -> Case Outcome
- ANALYSIS->Case Assessment -> Case Seriousness
- EVENTS->Event Information -> Lack of Efficacy
- GENERAL->General Information ->Report Type
- GENERAL->General Information -> Pregnancy
- PATIENT->Patient Information -> Age Group
- PATIENT->Patient Information -> Patient weight BMI desc
- PATIENT->Patient Information -> Patient Gender
- PRODUCTS->Product Drug -> Derived Overdose
- PRODUCTS->Product Drug -> Derived Drug Abuse
- PRODUCTS->Product Drug ->Derived Drug Interaction
- PRODUCTS->Product Drug ->Last daily dose

Note: Age Group, Causality, Last daily dose and Report Type are comma separated Derivation rules.





Use the following procedure to configure derivation functions:

- In the **List Maintenance** tab page, select the **Derivation Functions** item from the **List Maintenance Items** list.

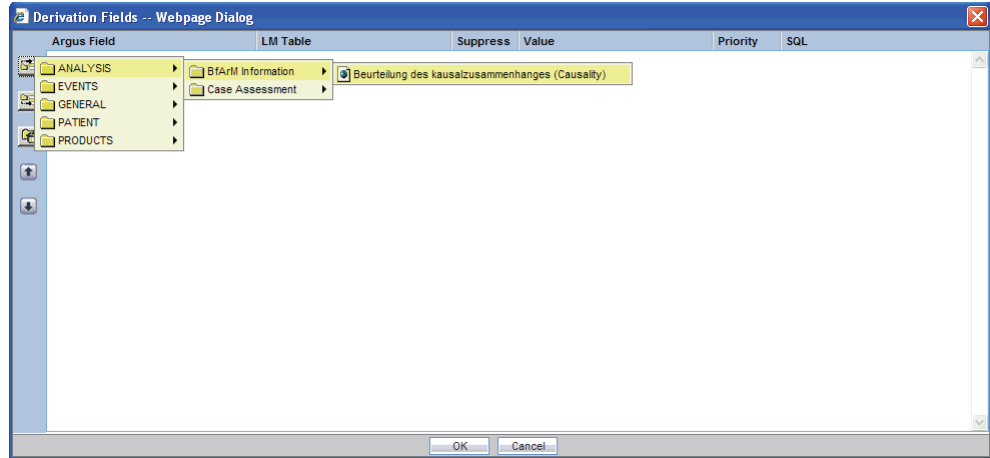


- The **Attributes** list displays the existing categories. This is a default category and cannot be modified.
- Select **All Derivations**. Click **Modify**.

When the system opens the **Derivation** Fields dialog box, use the icons (described below) to add/delete/rearrange rows in the **Derivation Fields** window.

Click on...	To...
	add a row above
	add a row below
	delete a row
	arrange rows

The following table lists and describes the fields that display in the **Derivation Fields** dialog box.



Field	Description
LM Table	This field is the table name of the selected Argus field i.e. automatically populated.
Suppress	<p>Suppress functionality is available for fields associated with the list maintenance data. When suppress is enabled for a field, the corresponding list maintenance values which are not present in any case are deleted and thus not available for querying.</p> <p>Note: This is applicable only if the condition specified in the SQL text box covers all the cases having the selected LM field.</p>
Value	<p>This is a textbox which captures the value for the new derivation field.</p> <p>Note: For the following rules the system expects the user to enter the rule's new value as a comma separated value.</p> <p>Make sure that the values for the rules are entered as follows. Unexpected results and/or ETL error may result if the values are not entered as specified.</p>
Age Group rule	Parameters: VALUE, GROUP_LOW, GROUP_HIGH
Parameter	Parameter Description
VALUE	New value for the rule
GROUP_LOW	Lower value of the Group
GROUP_HIGH	Higher value of the Group
Example: NewAgeGroup,25,50	
If you do not want to specify the High Value then the comma is mandatory in the end. For example, Unknown,70,	
Causality	Parameters: VALUE, REPORTABILITY
Parameter	Parameter Description
VALUE	New value for the rule
REPORTABILITY	Lower value of the Group
Example: NewCausality,1	
Last Daily Dose	Parameters: VALUE, DAILY_DOSE_SORTING_ORDER

Field	Description
Parameter	Parameter Description
VALUE	New value for the rule
DAILY_DOSE_SORTING_ORDER	1 or 2 or 3 and so on to define the sorting order if there are more than 1 rule for Last Daily Dose field
Examples:	
Example:1 -> 0to1,1	
Example:2 -> 2to3,2	
Example:3 -> 5to8,3	
Report Type	Parameters: VALUE, INC_LIT, INC_TRIAL, ABRV
Parameter	Description
VALUE	New value for the rule
INC_LIT	1 if Literature Report Type else 0
INC_TRIAL	1 if Clinical Trial Report Type else 0
ABRV	A 3 letter abbreviation for the Report Type
Example: NewReportType,0,1,NRT	
Priority	This field captures the priority for a list of derivation rules applied to a single LM field. The value should be from 1 to 255. Note: The priority for derivation rules applicable to a single LM field should be unique.
SQL	Specify the SQL statement to capture the cases for which the derivation rule is applicable. Note: The SQL statement should follow the correct syntax. The UI does not validate the length of the new values against the database. Make sure that new values being inserted into the MART do not exceed the limit defined in the database. The SQL query configured against a rule should only have the primary key column name(s) of the field in the SELECT clause. It should also not contain the table name. Example: select case_id from rpt_case where (CORRECT) select rpt_case.case_id from rpt_case where (INCORRECT) Make sure that there is only one space after the select clause in the SQL query. Example: select case_id, seq_num from rpt_product where (CORRECT) select case_id, seq_num from rpt_product where (INCORRECT) Make sure that no oracle keyword (such as distinct) is used after the select clause in the SQL query. Example: select case_id, seq_num from rpt_product where (CORRECT) select distinct case_id, seq_num from rpt_product where.. (INCORRECT)

4.1.6 Configuring the Argus Insight Scheduling Service

4.1.6.1 Starting Argus Insight Service

1. Go to Start->Run on the Argus Insight web server.
2. Type Services.msc in the textbox and press enter.
3. Services window will be displayed on the screen.
4. Go to Argus Insight Service.
5. Right click the Argus Insight Service and select properties.
6. Set the startup type as Automatic.
7. Start the Argus Insight Service.
8. Press OK to close the Argus Insight Service Properties dialog window.

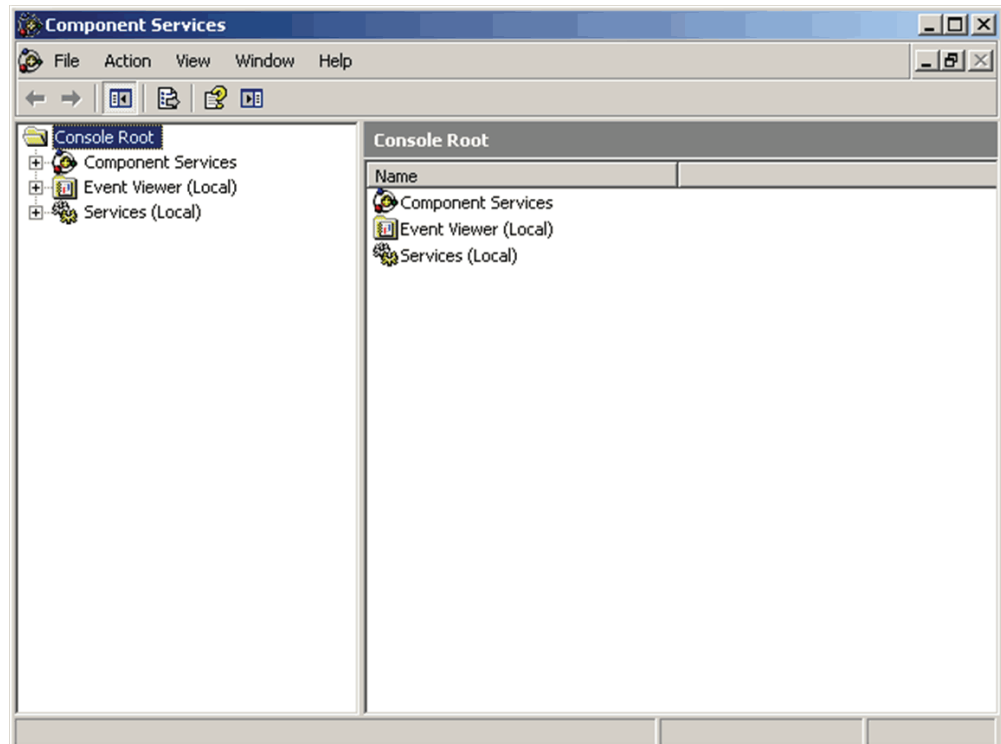
Note: For changing the interval of different service tasks, please modify the entries in Service.config file present under Bin folder of Insight. All the times mentioned in this file are in seconds.

IMPORTANT! Ensure that the user who runs this service has administrative privileges. If the user does not have administrative privileges, either the Scheduled CIOMS Reports might not return or an LDAP user might not be able to log in to the Argus Insight web application.

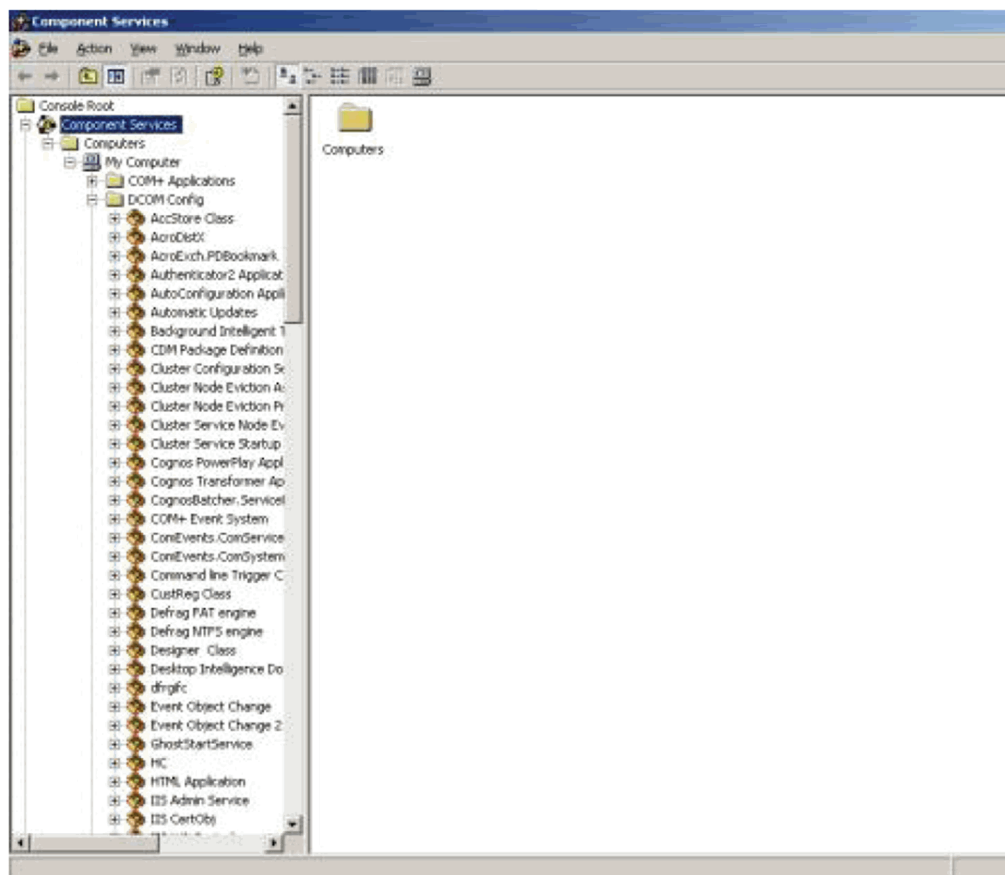
4.1.7 Configuring the CIOMS and MedWatch Reports

These are required settings because PwReports.exe file is responsible for LDAP authentication along with CIOMS and MedWatch reports.

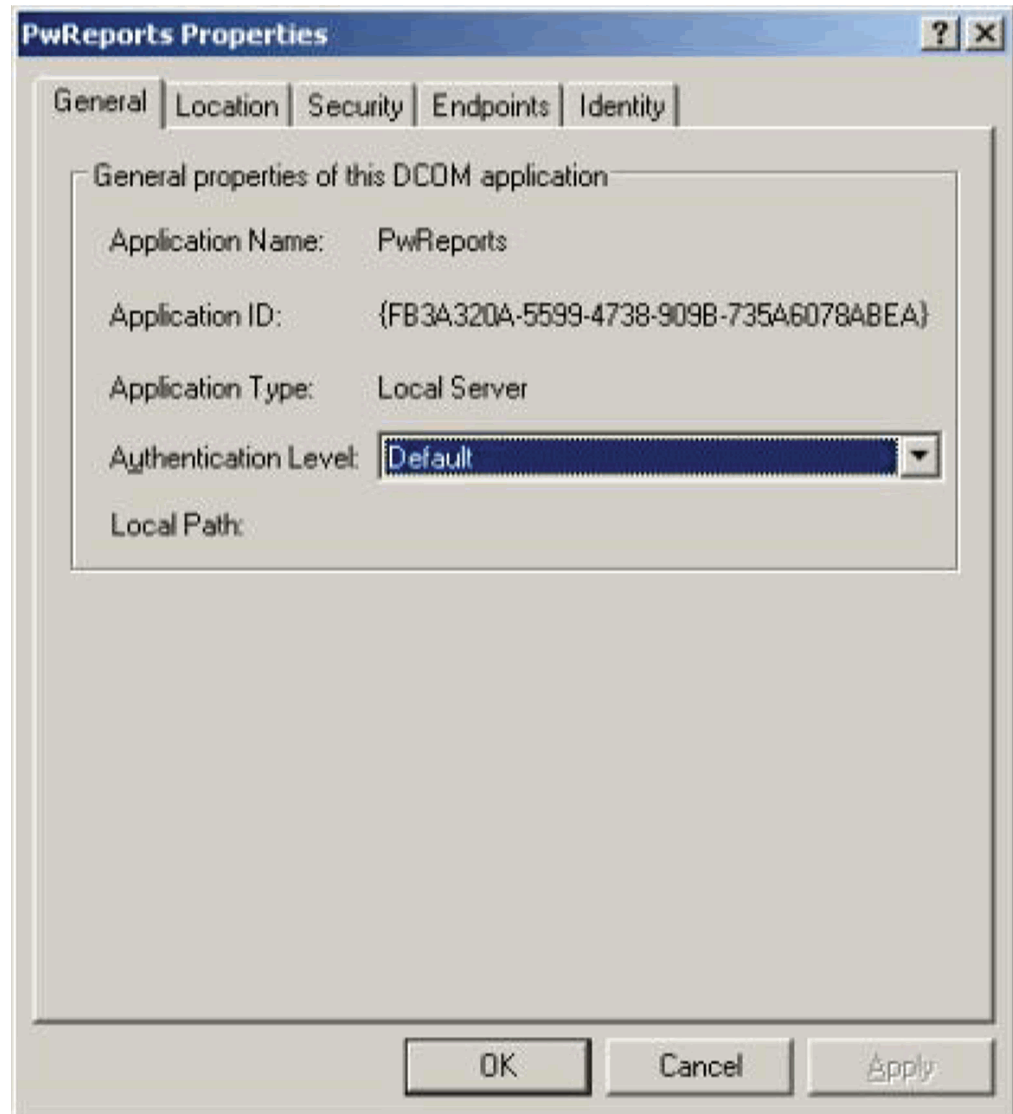
1. Go to Start -> Run and type dcomcnfg and press Enter.



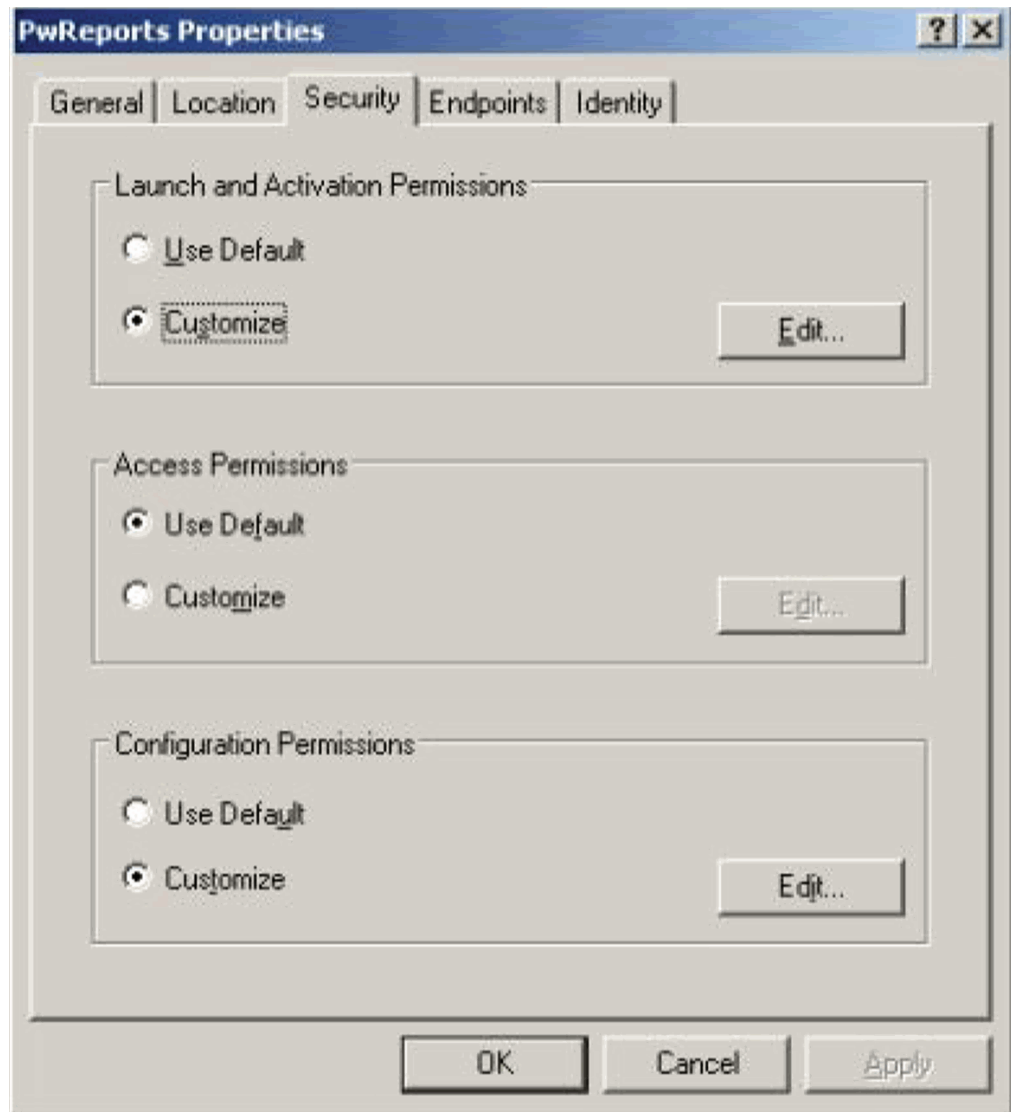
2. In the tree under Console root>Component Services>Computer>My Computer>DCOM Config.



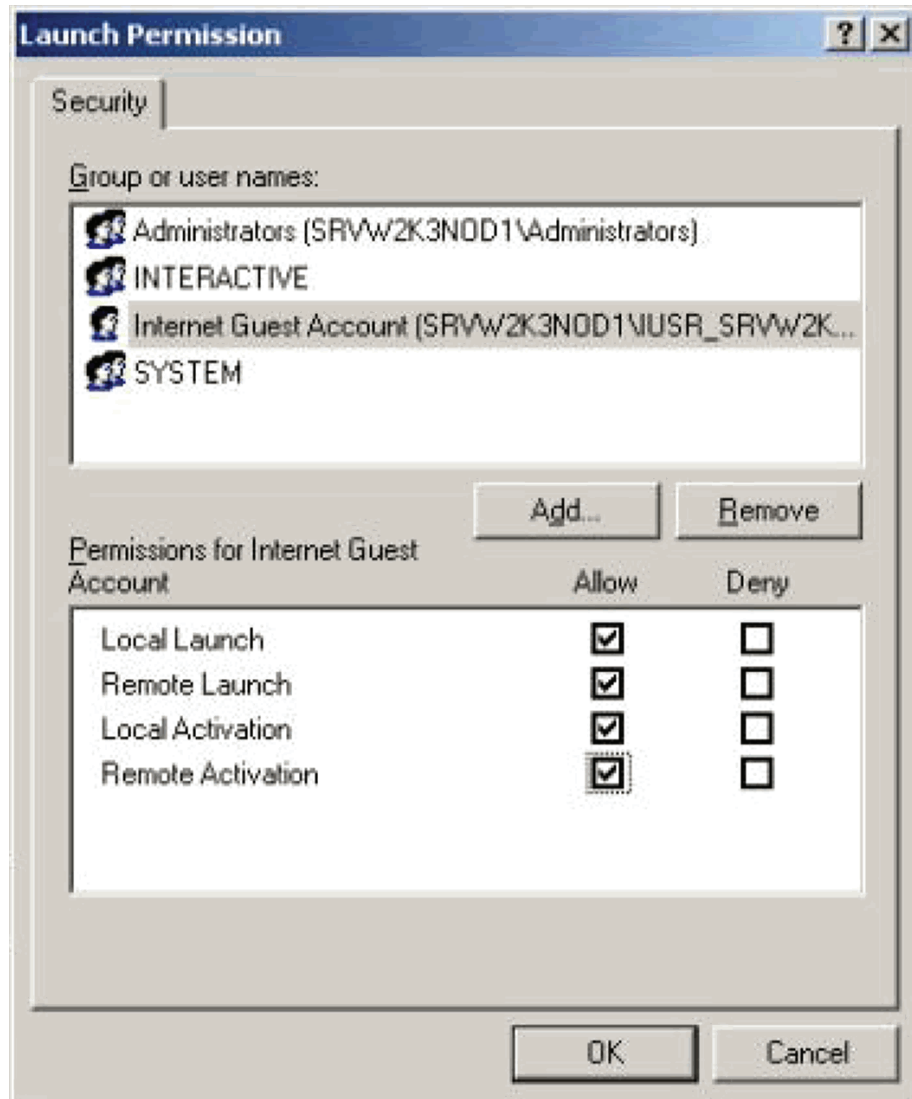
3. Right click on PwReports and select Properties. The following dialog box is displayed.



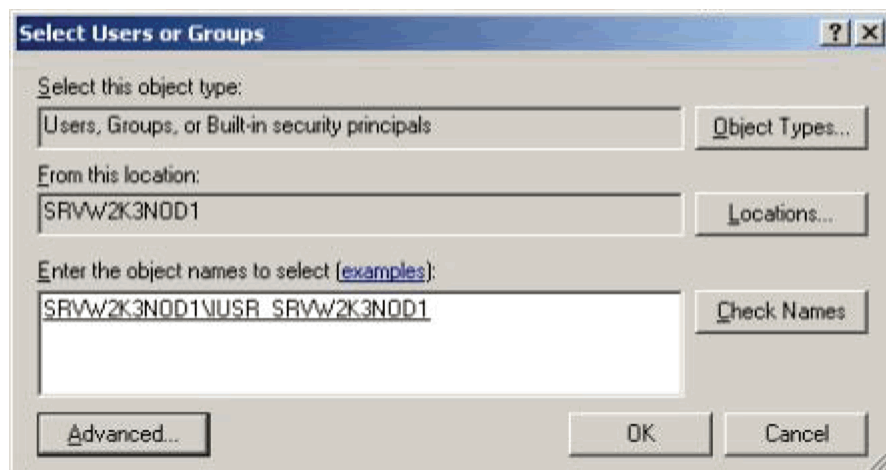
4. Click the Security tab.
5. When the system opens the Security tab:



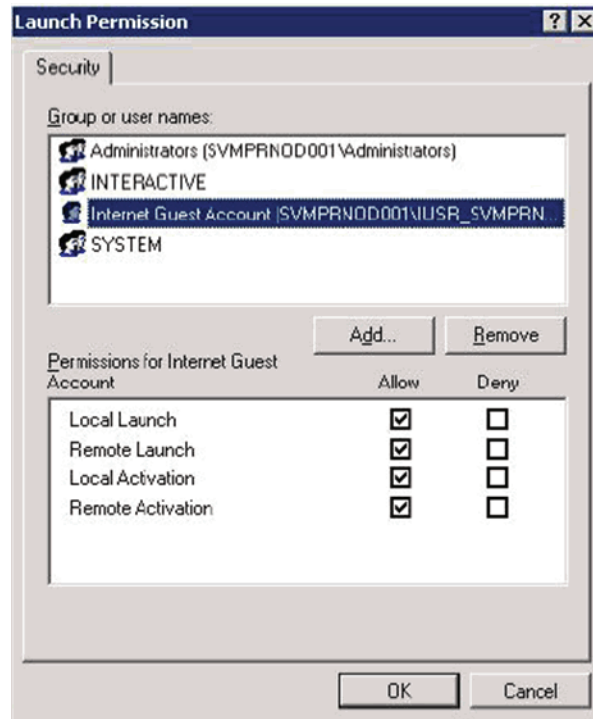
- a. In the Launch and Activation Permissions section, click Customize.
 - b. Click Edit.
6. When the system opens the following dialog box, click Add.



7. When the system opens the following dialog box:



- a. Locate the Enter the object names to select section
 - b. Add <machine_name>\IUSR_<machine_name>. On a Windows 2008 Server, add <machine_name>\IUSR.
 - c. Click OK.
8. When the system opens the following dialog box:



- a. Select the newly created Internet Guest Account.
 - b. Check all the permissions.
 - c. Click OK
9. Exit the Component Services program.

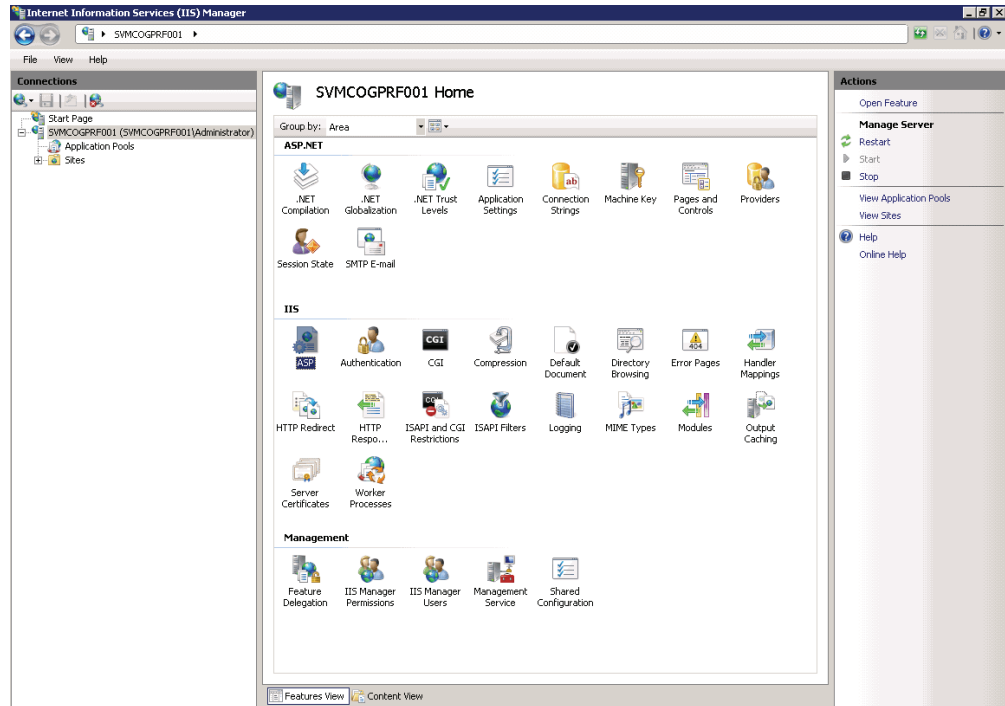
4.1.8 Configure the IIS File download limit

Use the following procedure to **configure the IIS file download limit for Windows 2003**.

1. Go to the Internet Information Services (IIS) Manager.
2. Go to Start -> Run. Type iisreset -stop to stop the IIS service.
3. Go to C:\Windows\system32\inetsrv\metabase.xml file.
4. By default, this file has this entry: AspBufferingLimit = "4194304". This limits the download size to 4,194,304 bytes (4 MB).
5. Change this size to a large value (such as 200000000 for 200 MB) to allow your Windows 2003 server to send large downloads.
6. Start the IIS service. Go to Start -> Run. Type iisreset -start to start the IIS service.

Use the following procedure to **configure the IIS file download limit for Windows 2008**.

1. Go to the Internet Information Services (IIS) Manager.



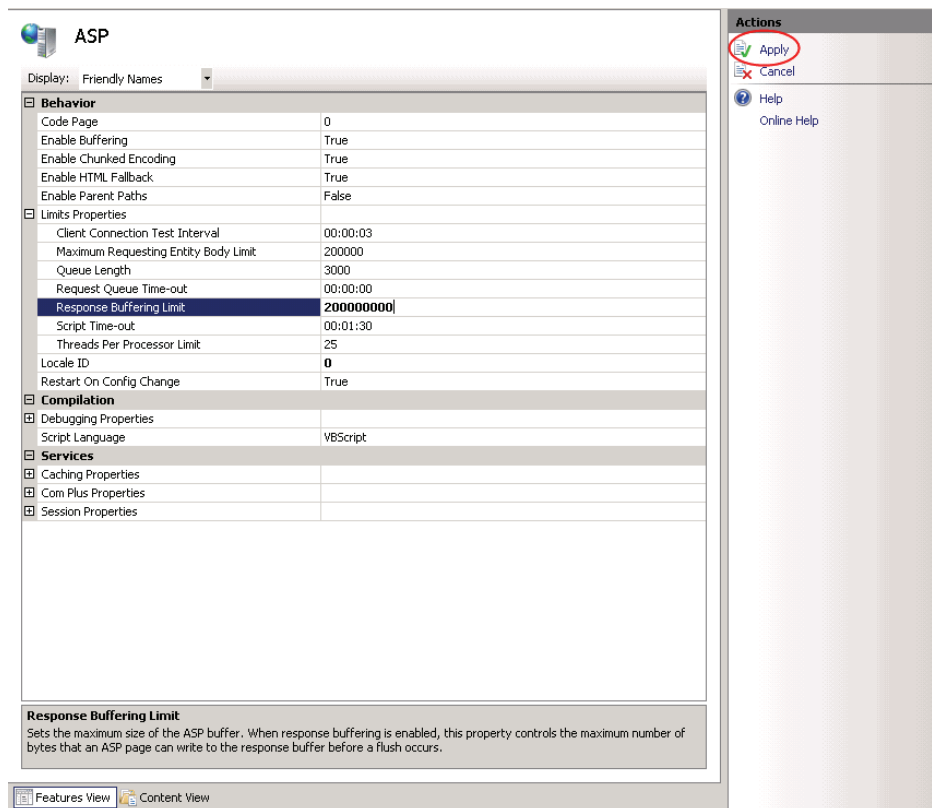
2. Double-click ASP in the right pane. The following page appears:

ASP

Display: Friendly Names

Behavior	
Code Page	0
Enable Buffering	True
Enable Chunked Encoding	True
Enable HTML Fallback	True
Enable Parent Paths	False
Limits Properties	
Client Connection Test Interval	00:00:03
Maximum Requesting Entity Body Limit	200000
Queue Length	3000
Request Queue Time-out	00:00:00
Response Buffering Limit	4194304
Script Time-out	00:01:30
Threads Per Processor Limit	25
Locale ID	0
Restart On Config Change	True
Compilation	
Debugging Properties	
Script Language	VBScript
Services	
Caching Properties	
Com Plus Properties	
Session Properties	

3. Expand **Limit Properties** and change the **Response Buffering Limit** from its default value of 4 MB to a large value such as 200000000 (200 MB).



4. Click **Apply** to save the changed value.
5. Restart the IIS service. Go to **Start -> Run**. Type **iisreset** to restart the IIS service.

Configuring the ASPMaxRequestEntityAllowed Value (Optional Setting)

This setting is required only if end-users are using custom SQLs in advanced conditions, with more than 70,000 characters. If any AJAX error appears while saving the Custom SQLs of these many characters, update the **ASPMaxRequestEntityAllowed** value of the MetaBase.xml file. This ensures that the ASP can post that much data onto the server.

There are two ways of updating this value:

1. By updating the **MetaBase.xml**:
 - a) Stop the IIS. Use "iisreset /stop" at command prompt
 - b) Go to \WINDOWS\system32\inetsrv
 - c) Open the MetaBase.xml file in notepad
 - d) Edit the Value of **ASPMaxRequestEntityAllowed** and set it to 500000
 - e) Save the file and restart the IIS. Use "iisreset /start" at command prompt.
2. By using the DOS Prompt:
 - a) At a command prompt, type the following command, and then press ENTER:


```
cd drive:\inetpub\adminscripts
```

Note that in this command to change folders, the drive is only a placeholder for the hard disk where IIS is installed.

- b) On the command prompt, type the following command, and press ENTER:

```
cscript adsutil.vbs set w3svc/ASPMaxRequestEntityAllowed 500000
```

The maximum value is 1,073,741,824 bytes. Set this value to the lowest possible value that allows for the functionality that you want.

c) On the command prompt, type the *iisreset* command, and press ENTER.

4.2 Copy Configuration: Exporting and Importing Data

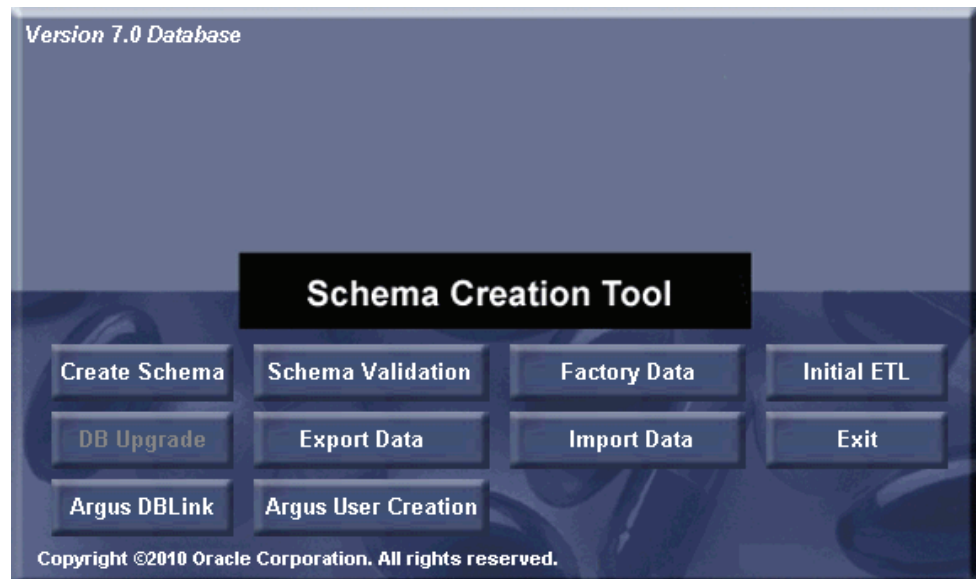
Before configuring export and import functions, be aware of the following:

- Before importing or exporting to or from a network drive, verify that you have mapped the network drive. This tool does not support direct access to network drives.
- Before copying Argus Data, incremental ETL should be completed on Source Insight Database from Source Argus.
- It is assumed that the configuration of the instance of Argus used to run Initial and Incremental ETL on the source Insight DataMart will also be copied and applied on the new Argus Instance which will be associated with the new Insight DataMart.
- Data must be imported after loading Factory Data and before running Initial ETL on destination environment.
- In a multi-tenant environment, you must ensure that all the enterprises which are part of the source Argus Insight database, have been created in the Target Argus Insight database.

4.2.1 Exporting Data

Use the following procedure to export data.

1. Go to Start>Programs>Oracle>Argus Insight>Schema Creation Tool.
2. Click **Export Data**.



3. When the system opens the Export Utility dialog box, enter the name of the Schema Owner, the Schema Password, and the Database name.

Export Utility

Schema Owner: Schema Password:

Database:

Enter Dump, Log and PAR File Names

Export Dump File Name (.dmp) ...

Log File Name (.log) ...

4. If you want to retain the default values for the Export Dump, Log, and PAR files, go to Step 6 and then to Step 9.
5. If you want to configure the export file name and location, perform steps 7 and 8.
6. Click Export, to retain the default values of the Export Dump, Log and PAR files.

Export Utility

Schema Owner: Schema Password:

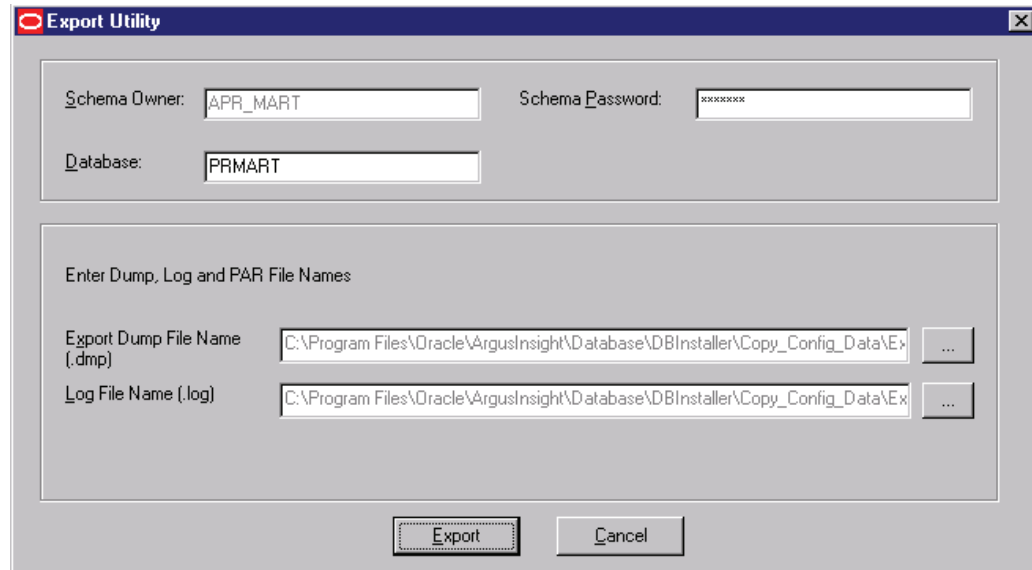
Database:

Enter Dump, Log and PAR File Names

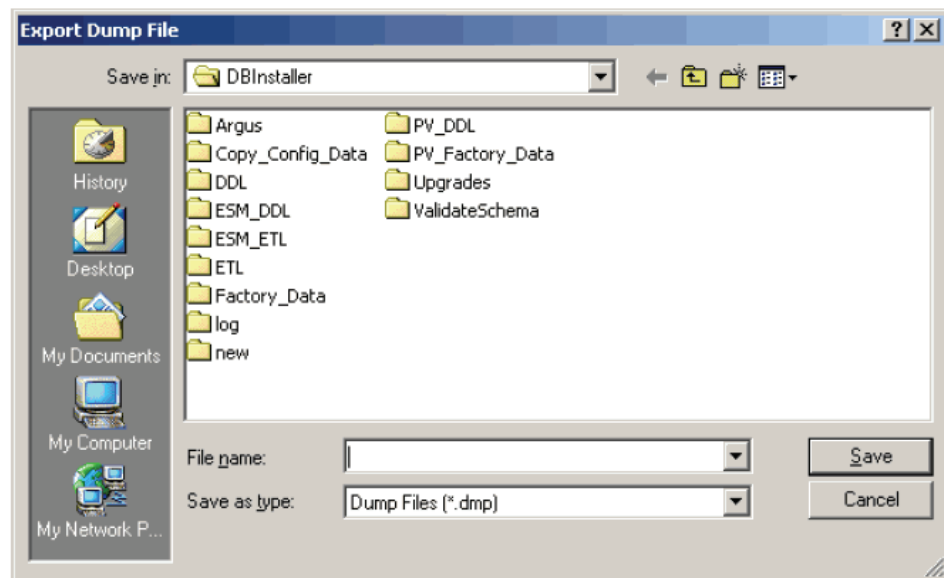
Export Dump File Name (.dmp) ...

Log File Name (.log) ...

7. To configure the export file name and location, click the ... button, next to the Export Dump File Name.



8. When the system opens the Export Dump File dialog box:



- a. Navigate to the appropriate location and enter the export file name in the File name field.
- b. Click Save.

Note: You can configure the Log File names in a similar manner.

9. When the system redisplay the Export Utility dialog box, click Export to retain the default file name and continue.

Note: Do not change the parameter file name and location.

10. The system displays a series of command screens. When prompted to do so, perform the appropriate actions.

```

C:\Windows\system32\cmd.exe

#####
# Source Database Parameters
#####

Connecting as APR_MART@PRMART
Connected.

Argus Insight Mart Schmea Owner Name : APR_MART
Argus Insight Mart Instance Name    : PRMART
Argus Insight Application Path      : C:\Program Files\Oracle\ArgusInsight\Data
base\DBInstaller
Argus Insight Dump Folder           : C:\Program Files\Oracle\ArgusInsight\Data
base\DBInstaller\Copy_Config_Data
Argus Insight Dump File Name        : Export.dmp
Argus Insight Log Folder             : C:\Program Files\Oracle\ArgusInsight\Data
base\DBInstaller\Copy_Config_Data
Argus Insight Log Folder Name        : Exp_Export.log
Argus Insight temp_folder            : C:\ArgusInsightTemp

Please Verify the Parameters. Press ENTER to resume.

```

```

C:\Windows\system32\cmd.exe

Creating table CMN_EXPORT_SEQUENCE
#####

PL/SQL procedure successfully completed.

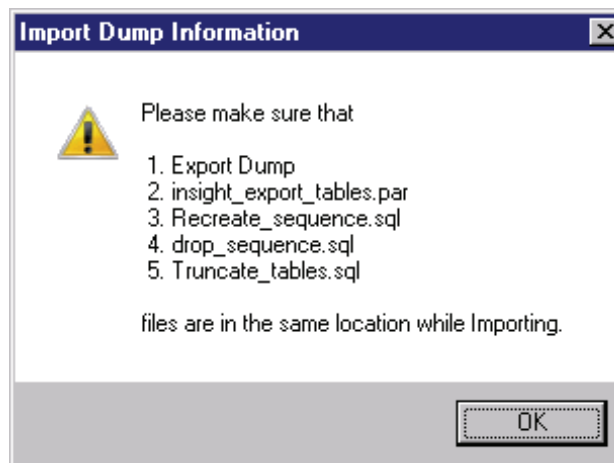
-----
Loading Validation Data in temporary table using SQL*Loader
-----

Loading Table 'APR_MART.CMN_EXPORT_TABLES' Please Wait...

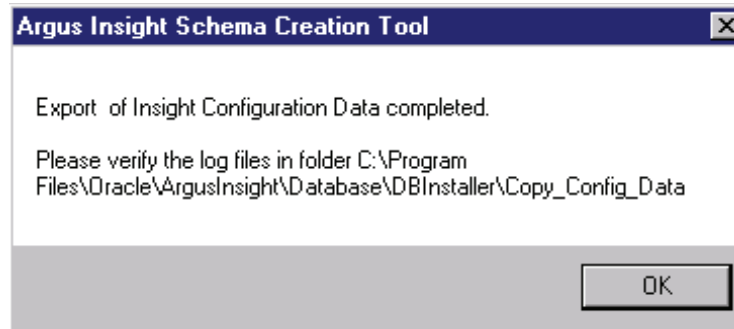
C:\Program Files\Oracle\ArgusInsight\Database\DBInstaller\Copy_Config_Data\SQL>
cho off
.
Loading Data Using SQL*Loader
Please Wait...
.
.

```

11. When the system opens the following dialog box, click OK to verify the log files are at the location in the dialog.



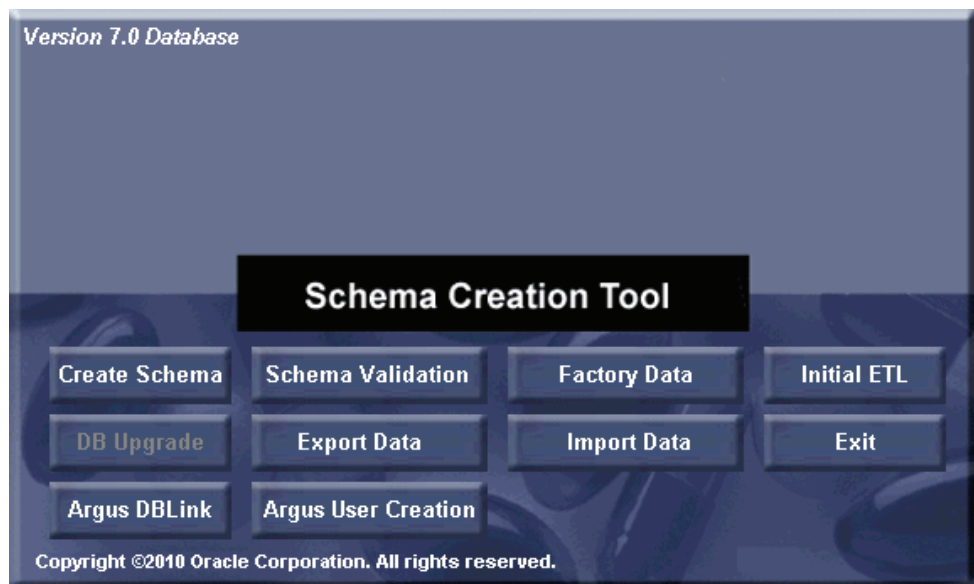
12. When the system displays the following message, click OK and verify the log files are at the location displayed in the dialog.



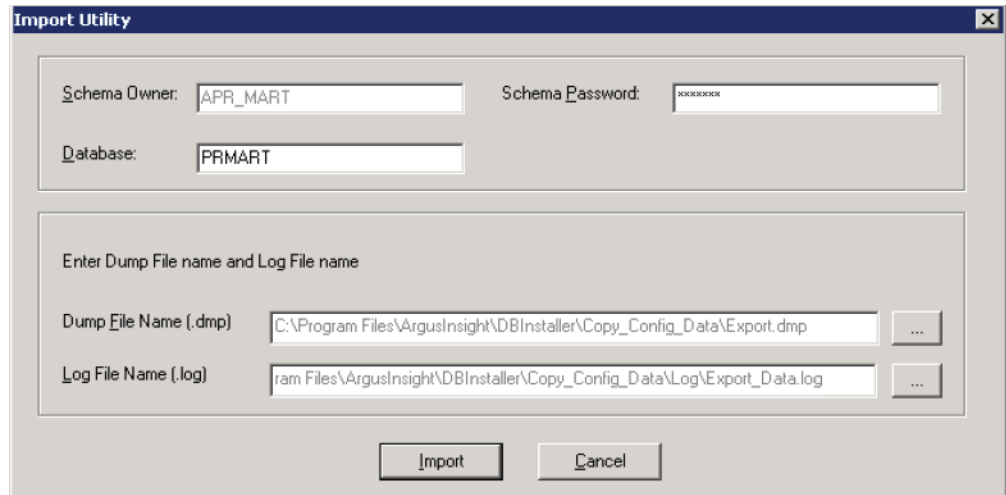
4.2.2 Importing Data

Use the following procedure to import data.

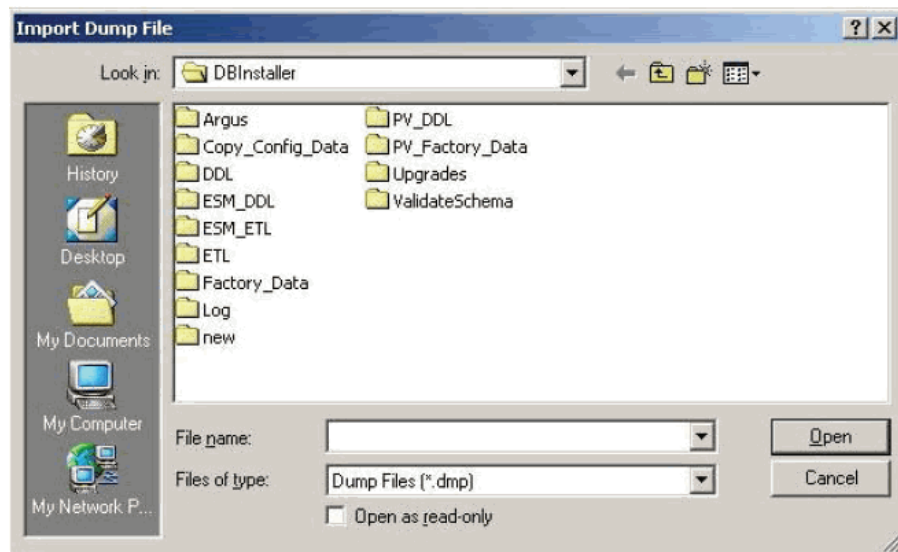
1. Go to Start>Programs>Oracle>Argus Insight>Schema Creation Tool.
2. When the system opens the Schema Creation Tool, click Import Data.



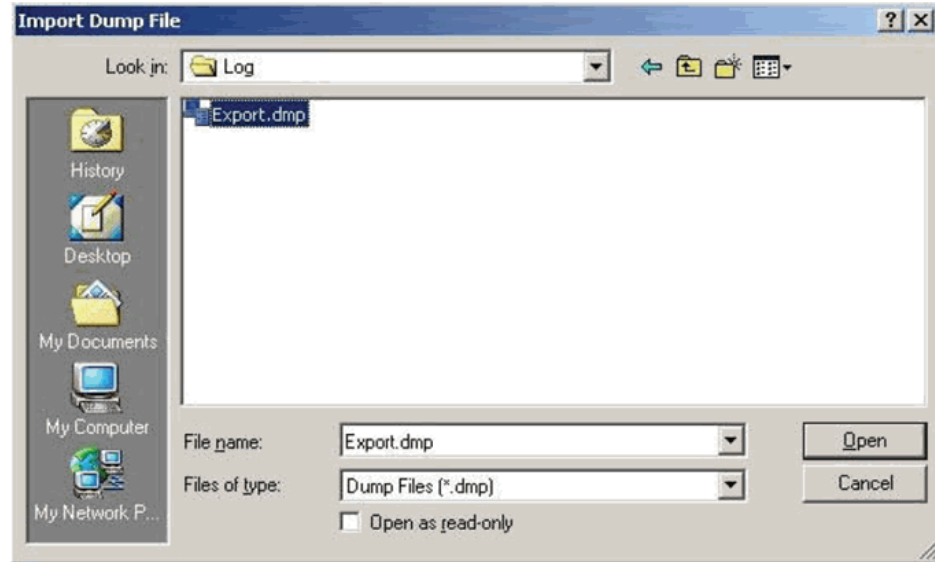
3. When the system opens the Import Utility dialog box, enter the name of the Schema Owner, the Schema Password, and the Database name.
 - a. To configure the Dump file name and location, click the ... button next to the Dump File Name to configure the Dump file name and location.



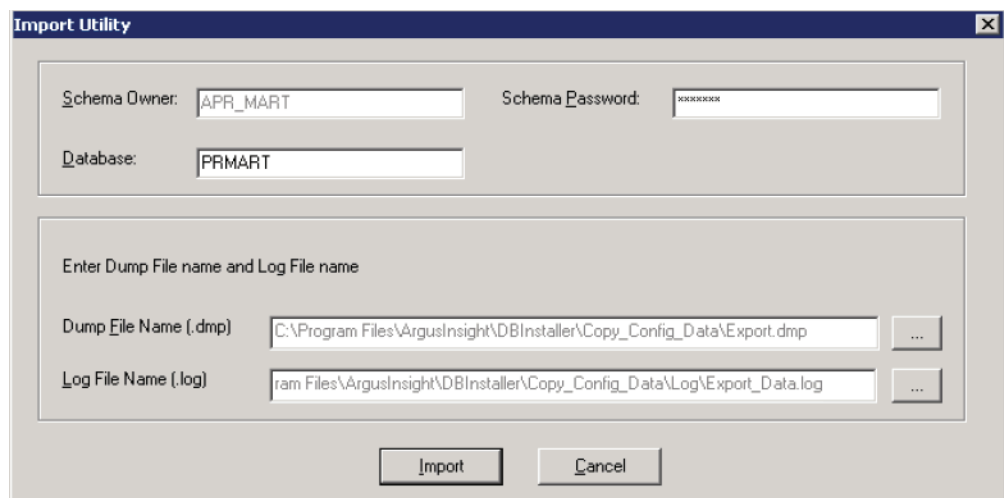
- b. When the system opens the Import Dump File dialog box, navigate to the appropriate location and select the Dump File Name.



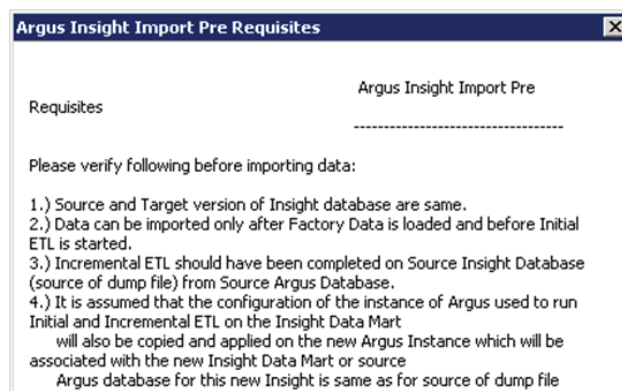
- c. When the system opens the Import Dump File dialog box, click Open.



4. When the system redisplay the Import Utility dialog box, click Import.



5. When the system opens the following dialog box, click OK to proceed.



- The system displays a series of command screens. Press Enter when prompted to do so.

```

C:\WINDOWS\system32\cmd.exe

#####
# Target Database Parameters
#####

Connecting as APR_MART@PRMART
Connected.

Argus Insight Mart Schmea Owner Name : APR_MART
Argus Insight Mart Instance Name    : PRMART
Argus Insight Application Path      : C:\Program Files\ArgusInsight\DBInht\DBIn
staller
Argus Insight Dump Folder           : C:\Program Files\ArgusInsight\DBInht\DBIn
staller\Copy_Config_Data
Argus Insight Dump File Name        : Export.dmp
Argus Insight Log Folder            : C:\Program Files\ArgusInsight\DBInht\DBIn
staller\Copy_Config_Data\Log
Argus Insight Log Folder Name       : Export_Data.log
Argus Insight temp_folder           : C:\ArgusInsightTemp

Please Verify the Parameters. Press ENTER to resume.

```

```

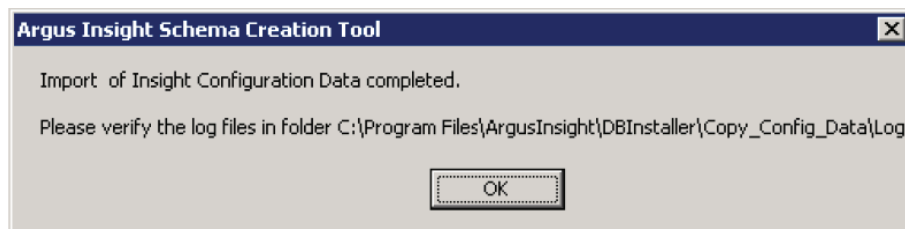
C:\WINDOWS\system32\cmd.exe

file_bkp_table.log
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\header1.log
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\disable_fks_tr_fks_tr
iggers.log
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\truncate.log
C:\ArgusInsightTert_log.log
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\cnn_profile_upfile_up
date.log
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\drop_create_seeate_se
q.log
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\seq_grant.log
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\upd_cnn_profil
e_minus_query.sql
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\drop_exp_temp_p_temp_
tables_again.log
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\disable_dbms_o_dbms_o
utput.log
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\log_file_01.loe_01.lo
g
1 file(s) copied.

Data Imported Successfully.
Press ENTER to Continue...

```

- When the system presents the following dialog box, click OK and verify that the log files are at the location specified in the dialog box.



4.3 Copy Configuration: Using Argus Safety

To configure enterprise(s) in Argus Insight, you must be a valid LDAP user, with access to the Global Homepage of Argus Safety. Refer to the Global Enterprise

Management section of the Argus Safety Installation Guide for detailed steps about the same. Execute the following steps to create an enterprise in Argus Insight:

1. Login to the Global Enterprise Management portlet and select an enterprise from the **Enterprises** tree in the left-hand pane. The list of enterprises comprises only those enterprises that are accessible to the logged-in user. The following screen is displayed:

The screenshot shows the 'Enterprise2' configuration form in Argus Insight. The left-hand pane displays a tree view of enterprises, with 'Enterprise2' selected. The main area contains the following fields:

- Enterprise Name:** Enterprise2
- Enterprise Short Name:** Enterprise2
- Active:**
- Contact Information:**
 - Title:** Enterprise
 - First Name:** Enterprise
 - Middle Name:** Enterprise
 - Last Name:** Enterprise
 - Address:** Enterprise
 - City:** Enterprise
 - State/Province:** Enterprise
 - Postal Code:** Enterprise
 - Country:** Enterprise
 - Department:** Enterprise
 - Email Address:** Enterprise
 - Phone:** Enterprise
 - Fax:** Enterprise
 - Notes:** Enterprise

2. Click **Copy Enterprise to Insight** to initiate the creation of the selected enterprise in Argus Insight.

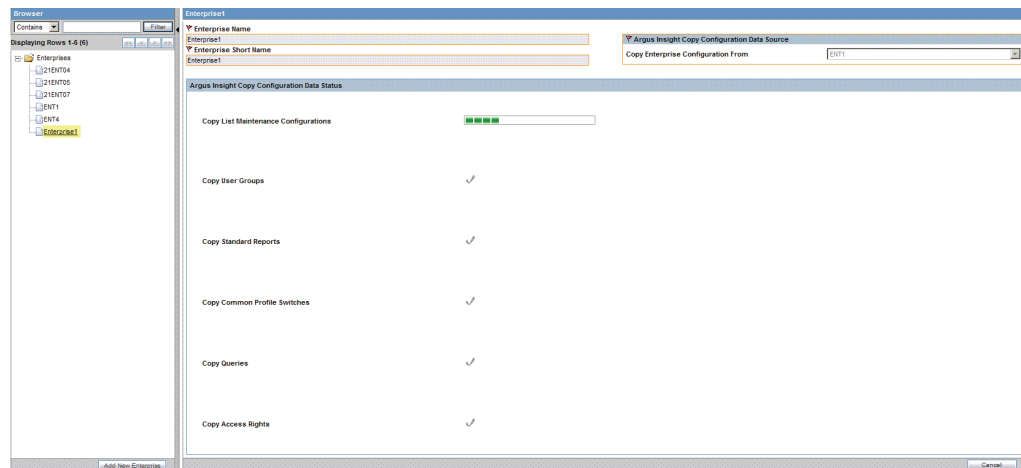
This button is disabled if the selected enterprise already exists in Argus Insight. This button is enabled if the user has Copy Configuration role in any of the listed enterprises.

The following screen is displayed:

The screenshot shows the 'Enterprise1' configuration form in Argus Insight. The left-hand pane displays a tree view of enterprises, with 'Enterprise1' selected. The main area contains the following fields:

- Enterprise Name:** Enterprise1
- Enterprise Short Name:** Enterprise1
- Argus Insight Copy Configuration Data Source:** Argus Insight Copy Configuration Data Source
- Copy Enterprise Configuration From:** ENT1

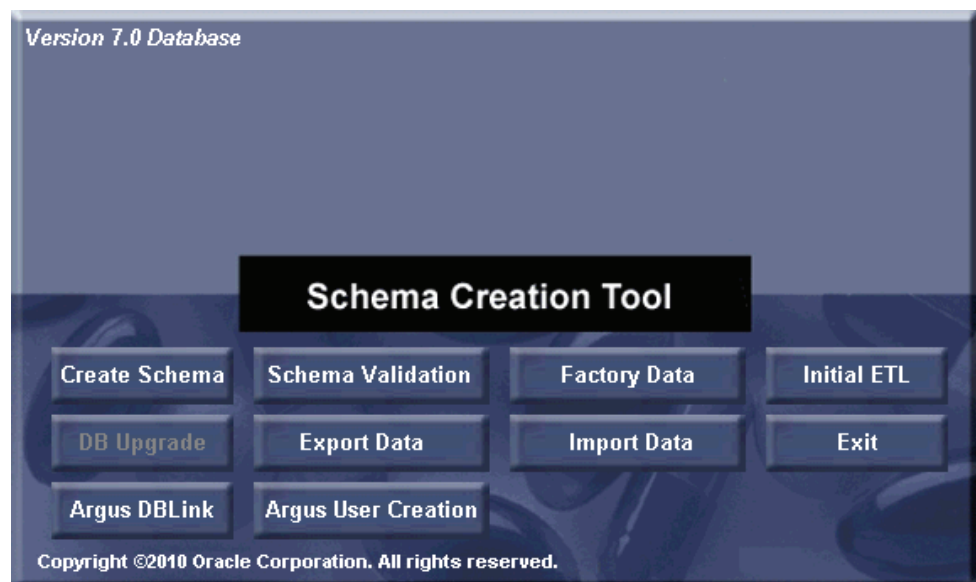
3. Under the **Argus Insight Copy Configuration Data Source**, select the source enterprise from which the information will be copied, from the **Copy Enterprise Configuration From** drop-down list. This list displays the enterprises which have already been created in Argus Insight and the logged-in user is assigned Copy Configuration role for those enterprises.
4. Click **Setup** and then **Finish** to complete the creation of the enterprise in Argus Insight. Click **Cancel** to exit the enterprise creation process without creating the enterprise.



4.3.1 Exporting Data

Use the following procedure to export data.

1. Go to Start>Programs>Oracle>Argus Insight>Schema Creation Tool.
2. Click **Export Data**.



3. When the system opens the Export Utility dialog box, enter the name of the Schema Owner, the Schema Password, and the Database name.

Export Utility

Schema Owner: Schema Password:

Database:

Enter Dump, Log and PAR File Names

Export Dump File Name (.dmp) ...

Log File Name (.log) ...

4. If you want to retain the default values for the Export Dump, Log, and PAR files, go to Step 6 and then to Step 9.
5. If you want to configure the export file name and location, perform steps 7 and 8.
6. Click Export, to retain the default values of the Export Dump, Log and PAR files.

Export Utility

Schema Owner: Schema Password:

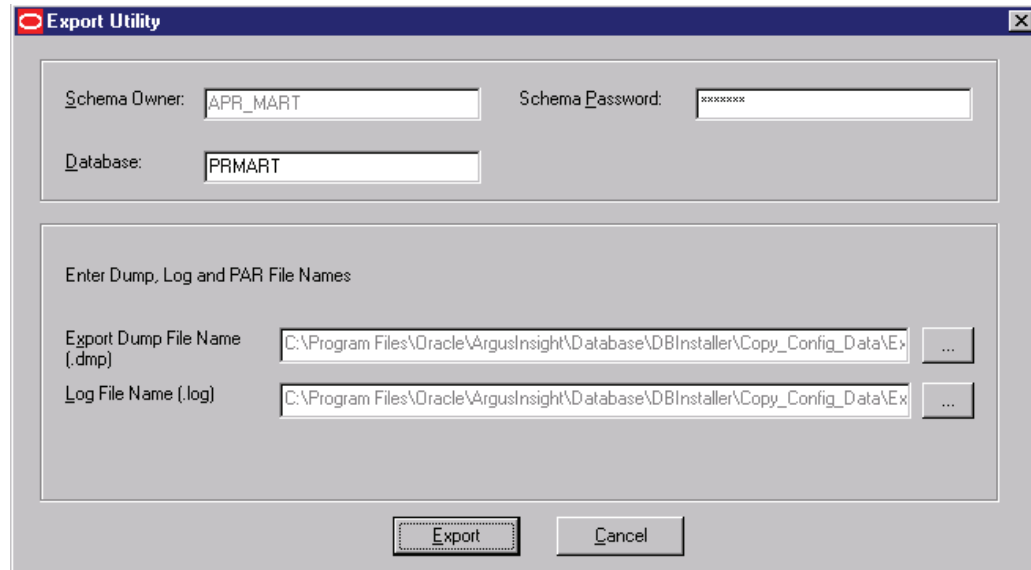
Database:

Enter Dump, Log and PAR File Names

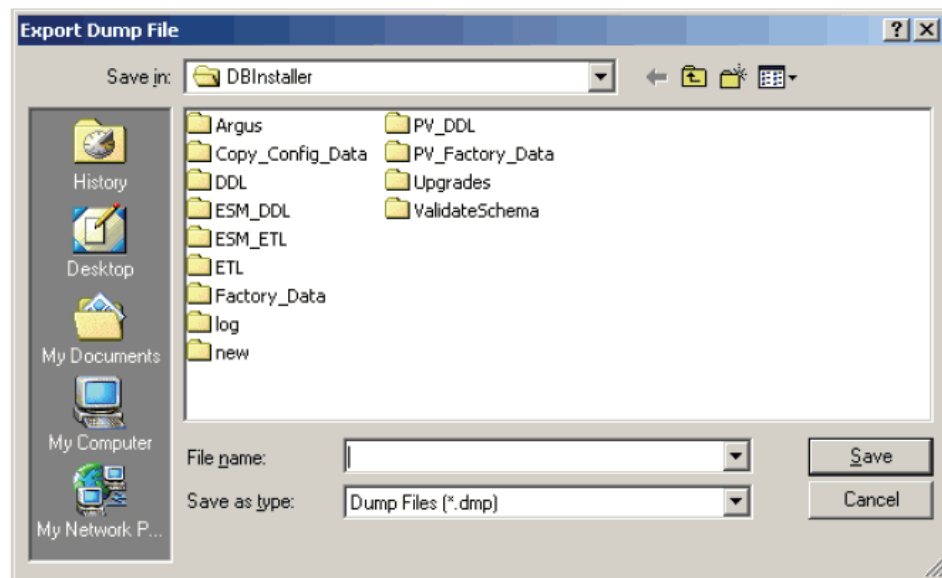
Export Dump File Name (.dmp) ...

Log File Name (.log) ...

7. To configure the export file name and location, click the ... button, next to the Export Dump File Name.



8. When the system opens the Export Dump File dialog box:



- a. Navigate to the appropriate location and enter the export file name in the File name field.
- b. Click Save.

Note: You can configure the Log File names in a similar manner.

9. When the system redisplay the Export Utility dialog box, click Export to retain the default file name and continue.

Note: Do not change the parameter file name and location.

10. The system displays a series of command screens. When prompted to do so, perform the appropriate actions.

```

C:\Windows\system32\cmd.exe

#####
# Source Database Parameters
#####

Connecting as APR_MART@PRMART
Connected.

Argus Insight Mart Schmea Owner Name : APR_MART
Argus Insight Mart Instance Name     : PRMART
Argus Insight Application Path       : C:\Program Files\Oracle\ArgusInsight\Data
base\DBInstaller
Argus Insight Dump Folder            : C:\Program Files\Oracle\ArgusInsight\Data
base\DBInstaller\Copy_Config_Data
Argus Insight Dump File Name         : Export.dmp
Argus Insight Log Folder             : C:\Program Files\Oracle\ArgusInsight\Data
base\DBInstaller\Copy_Config_Data
Argus Insight Log Folder Name        : Exp_Export.log
Argus Insight temp_folder            : C:\ArgusInsightTemp

Please Verify the Parameters. Press ENTER to resume.

```

```

C:\Windows\system32\cmd.exe

Creating table CMN_EXPORT_SEQUENCE
#####

PL/SQL procedure successfully completed.

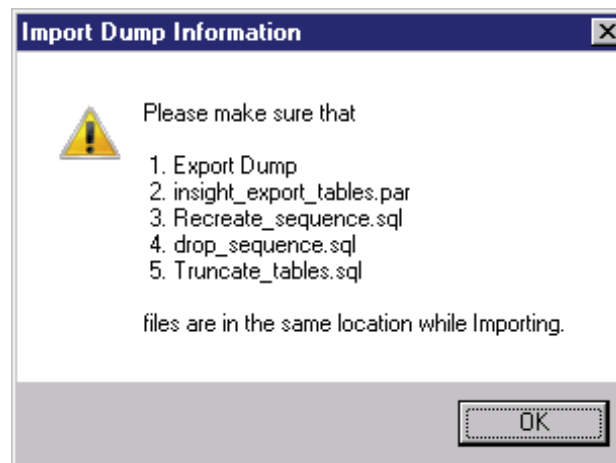
-----
Loading Validation Data in temporary table using SQL*Loader
-----

Loading Table 'APR_MART.CMN_EXPORT_TABLES' Please Wait...

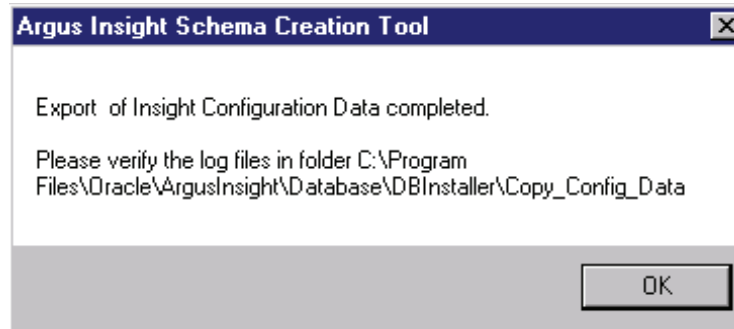
C:\Program Files\Oracle\ArgusInsight\Database\DBInstaller\Copy_Config_Data\SQL>
cho off
.
Loading Data Using SQL*Loader
Please Wait...
.
.

```

11. When the system opens the following dialog box, click OK to verify the log files are at the location in the dialog.



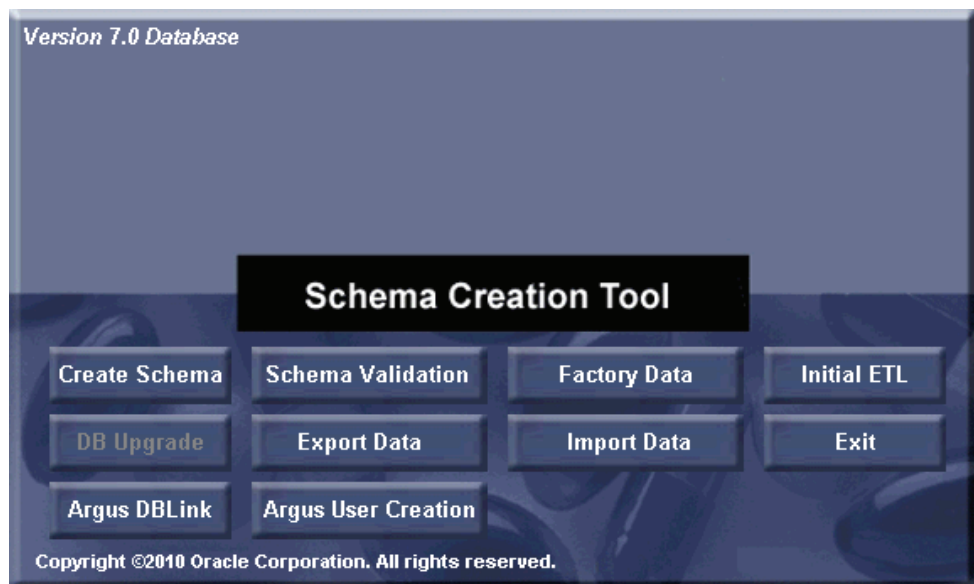
12. When the system displays the following message, click OK and verify the log files are at the location displayed in the dialog.



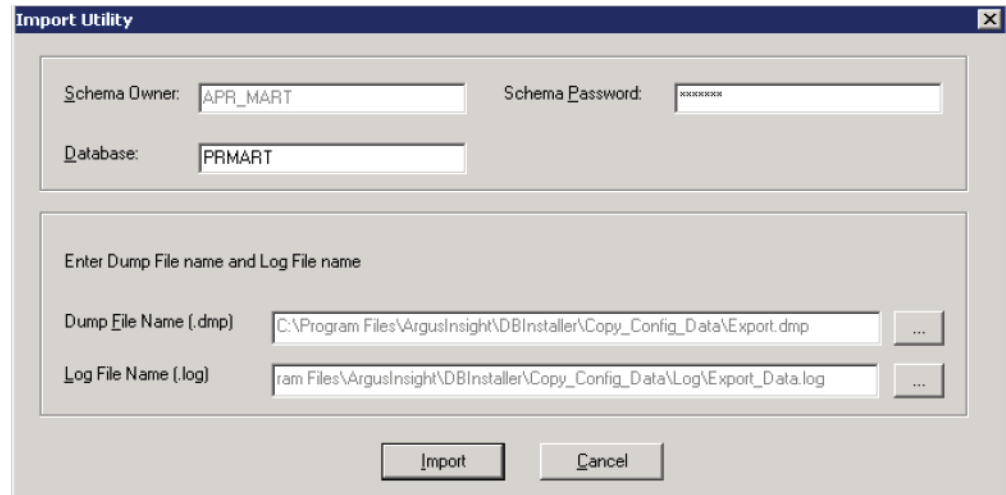
4.3.2 Importing Data

Use the following procedure to import data.

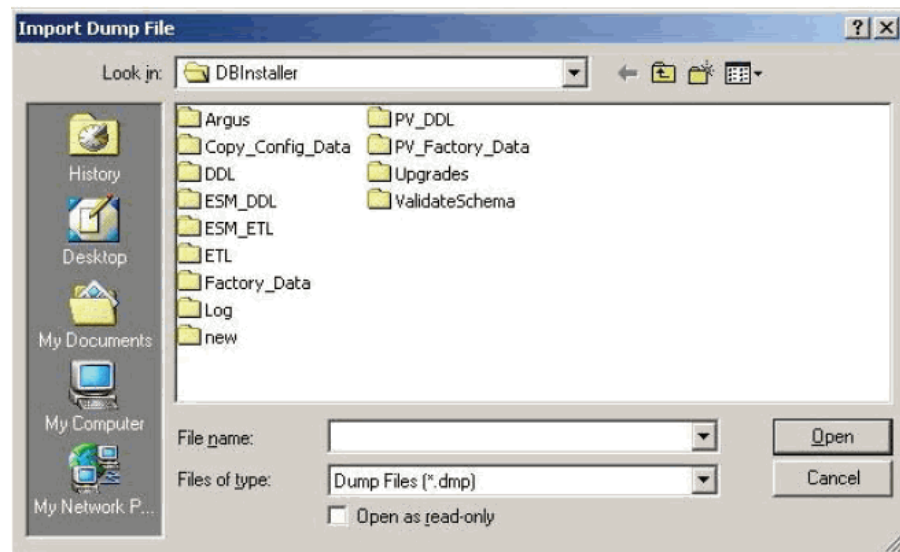
1. Go to Start>Programs>Oracle>Argus Insight>Schema Creation Tool.
2. When the system opens the Schema Creation Tool, click Import Data.



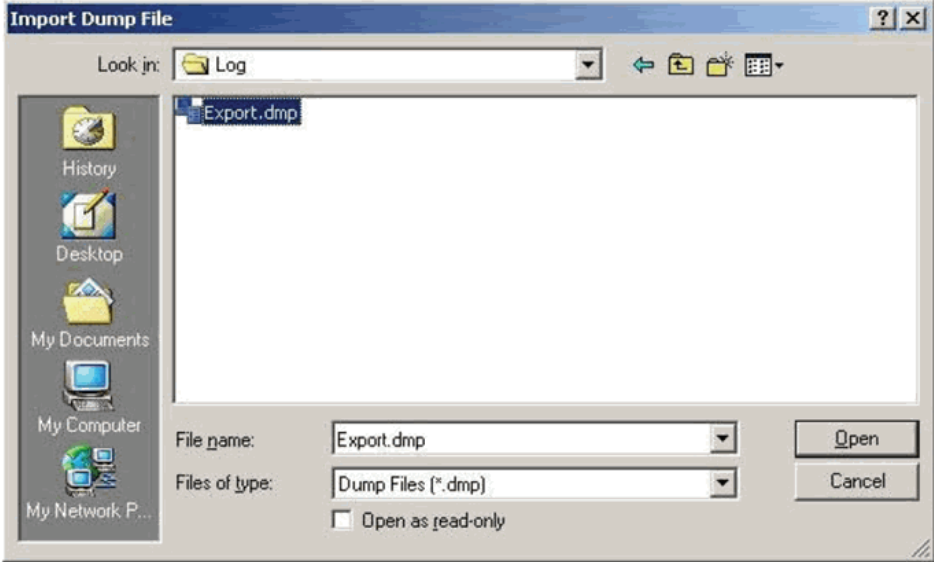
3. When the system opens the Import Utility dialog box, enter the name of the Schema Owner, the Schema Password, and the Database name.
 - a. To configure the Dump file name and location, click the ... button next to the Dump File Name to configure the Dump file name and location.



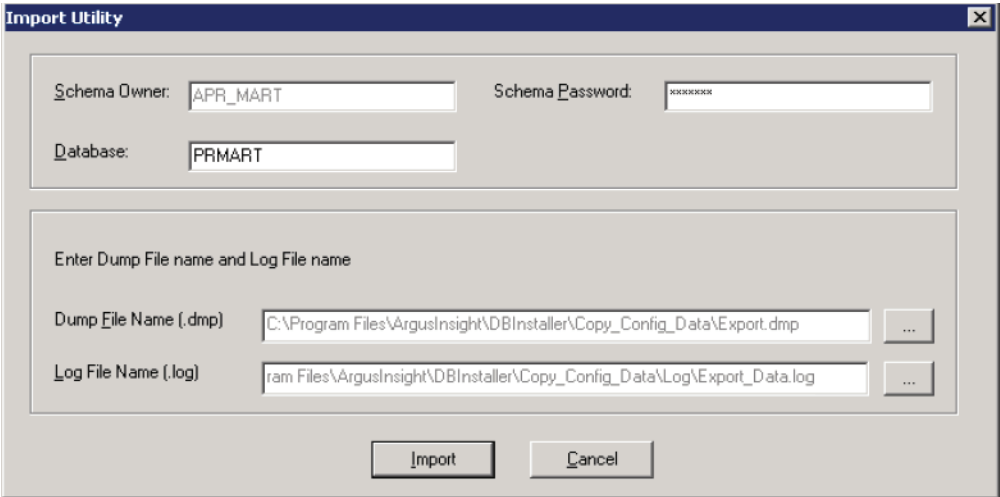
- b. When the system opens the Import Dump File dialog box, navigate to the appropriate location and select the Dump File Name.



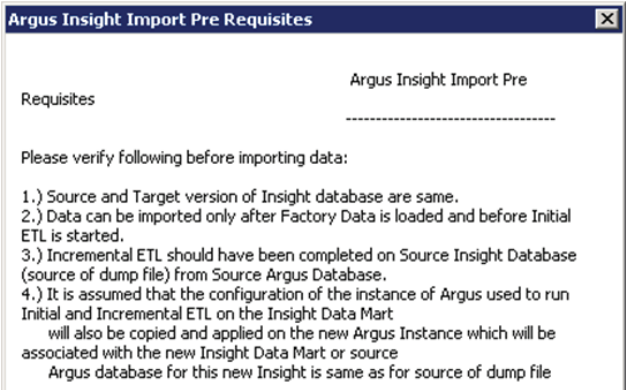
- c. When the system opens the Import Dump File dialog box, click Open.



4. When the system redisplay the Import Utility dialog box, click Import.



5. When the system opens the following dialog box, click OK to proceed.



- The system displays a series of command screens. Press Enter when prompted to do so.

```

C:\WINDOWS\system32\cmd.exe

#####
# Target Database Parameters
#####

Connecting as APR_MART@PRMART
Connected.

Argus Insight Mart Schmea Owner Name : APR_MART
Argus Insight Mart Instance Name    : PRMART
Argus Insight Application Path      : C:\Program Files\ArgusInsight\DBInht\DBIn
staller
Argus Insight Dump Folder           : C:\Program Files\ArgusInsight\DBInht\DBIn
staller\Copy_Config_Data
Argus Insight Dump File Name        : Export.dmp
Argus Insight Log Folder            : C:\Program Files\ArgusInsight\DBInht\DBIn
staller\Copy_Config_Data\Log
Argus Insight Log Folder Name       : Export_Data.log
Argus Insight temp_folder           : C:\ArgusInsightTemp

Please Verify the Parameters. Press ENTER to resume.

```

```

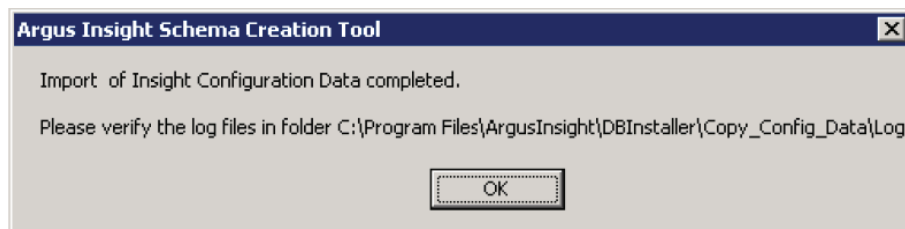
C:\WINDOWS\system32\cmd.exe

file_bkp_table.log
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\header1.log
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\disable_fks_tr_fks_tr
iggers.log
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\truncate.log
C:\ArgusInsightTert_log.log
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\upd_cnn_profil_upfile_up
date.log
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\drop_create_seeate_se
q.log
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\seq_grant.log
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\upd_cnn_profil
e_minus_query.sql
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\drop_exp_temp_p_temp_
tables_again.log
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\disable_dbms_o_dbms_o
utput.log
C:\Program Files\ArgusInsight\DBInstaller\Copy_Config_Data\log_file_01.loe_01.lo
g
1 file(s) copied.

Data Imported Successfully.
Press ENTER to Continue...

```

- When the system presents the following dialog box, click OK and verify that the log files are at the location specified in the dialog box.



4.4 Securing Sensitive Configuration and Operational Data

The following security recommendations should be made to the following files and folders on the Argus Insight Web Server. This ensures that only the IIS User can access

these files and local system login accounts outside of the Administrator cannot make changes to the files.

Windows Directory File

Minimum permission required for file is "Full Control" for the user under which IIS is running:

- ai.ini

Shared Folders

The following folders require minimum permission of "Full Control" for the user under which IIS is running:

- CacheTemp
- ScheduledReports
- PDFReports
- ASP
- Bin

This chapter describes the steps required to run and work with the Initial ETL.

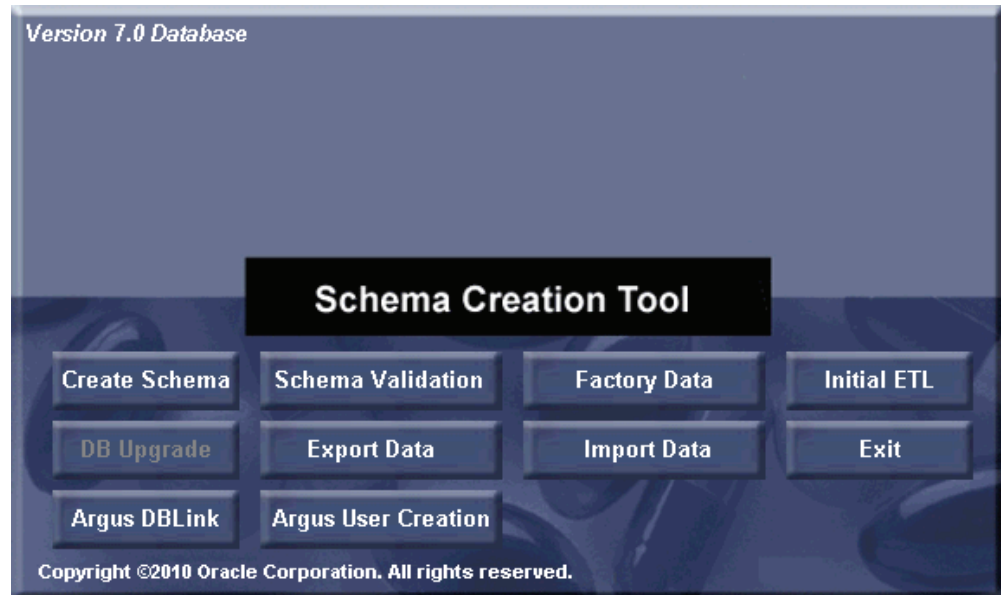
5.1 Running the Initial ETL

Before running the Initial ETL, ensure that Auto extend is set to ON for all the Data files in the database that are related to Staging and Mart. You should also be aware of the following:

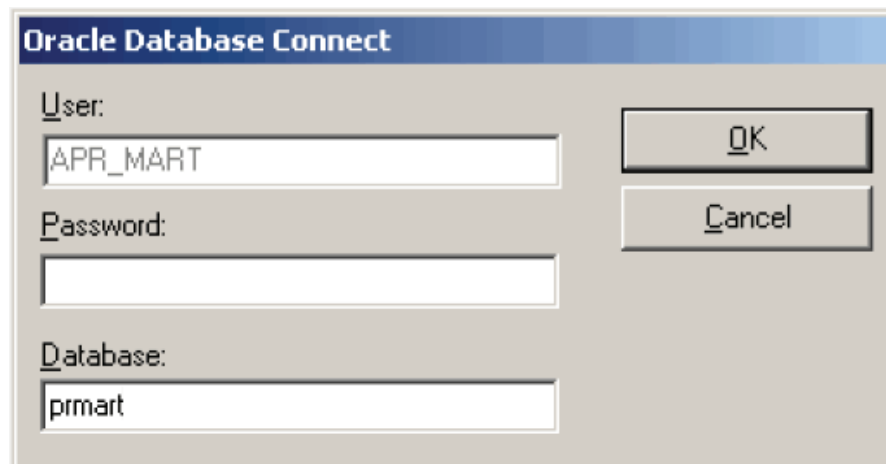
- Because the initial ETL requires a huge amount of Temp space, set the Temp space to 100 GB to prevent data errors. After completing the Initial ETL reduce the temp space to 30 GB.
- After the Initial ETL completes, the balancing log may show differences between the Argus/Stage and MART table counts. This is because of the derivation rules applied to the datamart.
- The system may display the following message:
Warning !!! - Could not locate MedDRA-J User in the Argus Database.
Ignore this warning for all MedDRA tables.
- **Do not** run incremental ETL for more than 50,000 cases. Run the Initial ETL again if the number of cases exceeds 50,000.

Use the following procedure to run the initial ETL.

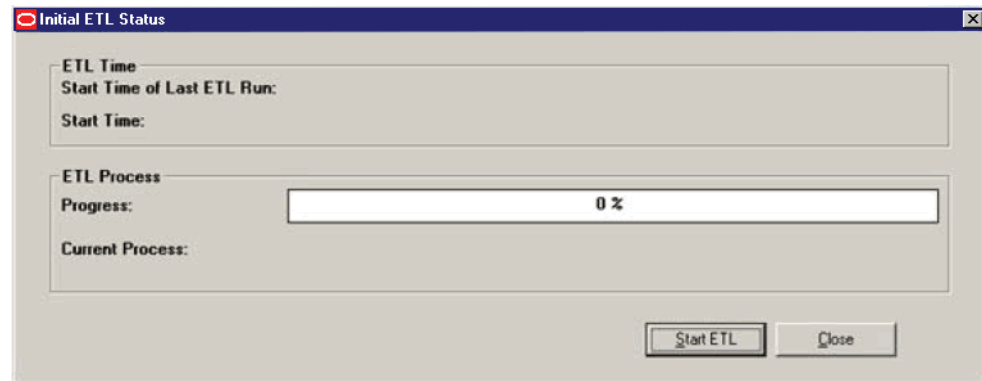
1. Log on to the Argus Insight Web Server as an Admin user.
2. Select Start > Programs > Oracle > Argus Insight > Schema Creation Tool.



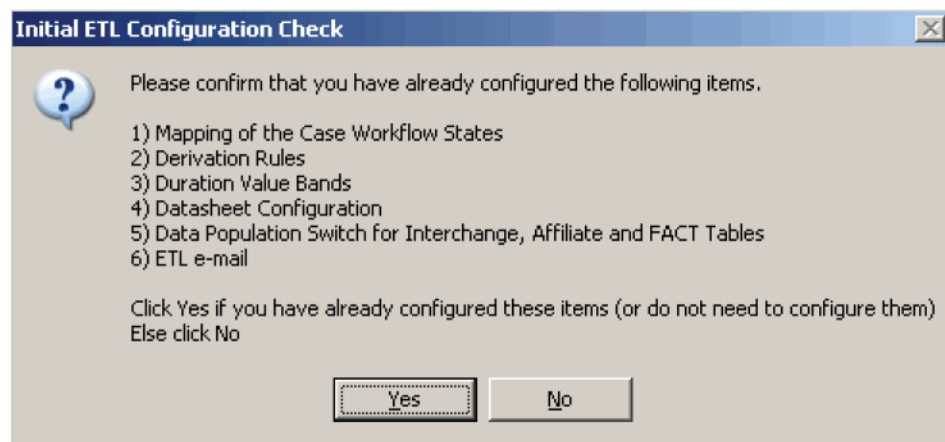
3. When the system opens the Schema Creation Tool, click Initial ETL.
4. When the system opens the Oracle Database Connect dialog box, enter the APR_MART password and database name in their respective fields. Click OK.



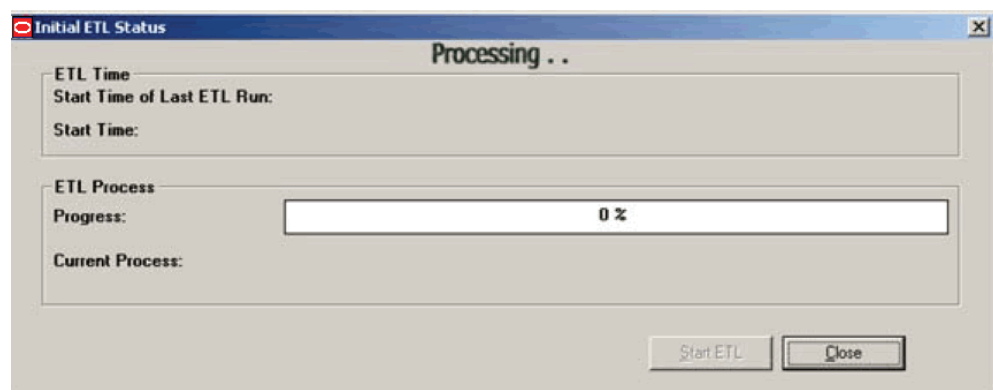
5. When the system opens the Initial ETL Status dialog box, click Start ETL to start the Initial ETL process.



6. When the system opens the Initial ETL Configuration Check dialog box, click Yes if these items have already been configured.



7. The system presents a processing dialog box showing the ETL start time, current process in execution, and the progress bar while ETL is in progress. Stop ETL and Close buttons are also available.



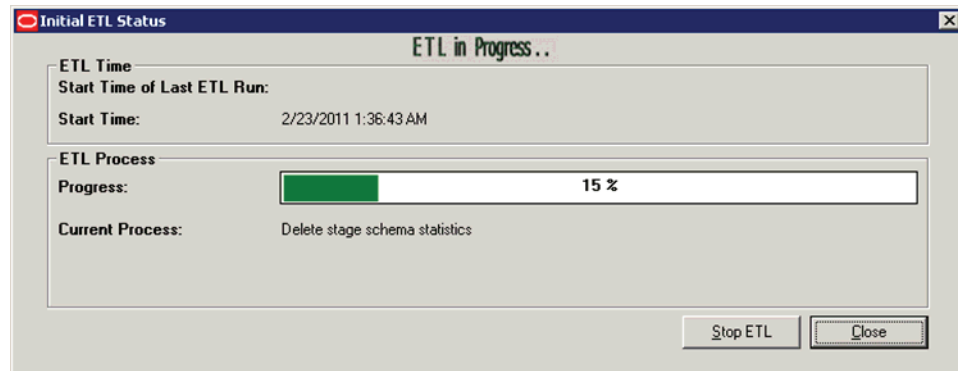
Note: Closing the Schema Creation Tool application does not impact the execution of ETL process.

Ignore option is not available for stopped process.

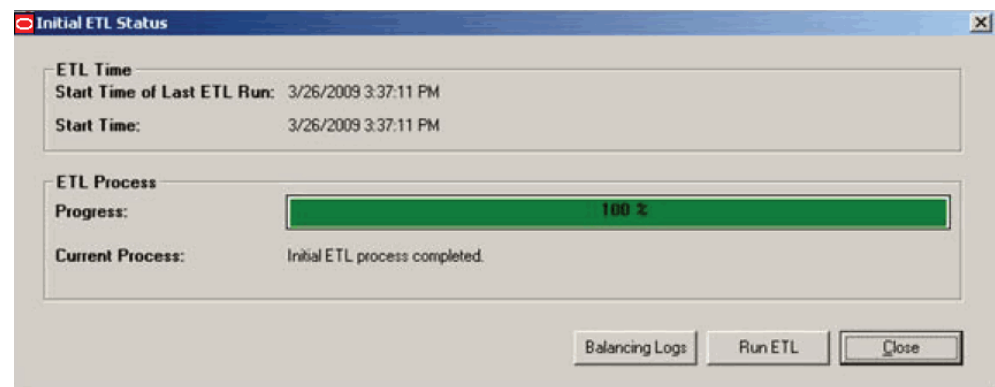
Click Stop ETL to halt the ETL process.

Click Continue to continue the stopped ETL process.

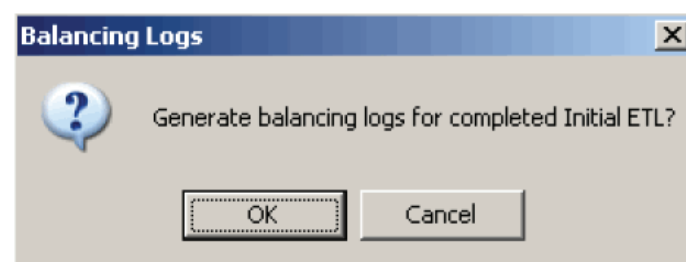
- a. You can halt execution of Initial ETL process by clicking Stop ETL.
- b. Click Continue to continue the stopped ETL process.



8. When the system shows the Initial ETL process completes successfully with 100% displayed in the progress bar, click Balancing Logs.



9. When the system opens the Balancing Logs dialog box, click OK.



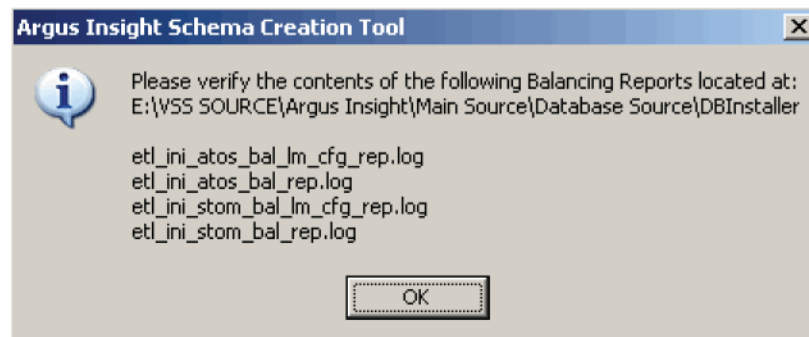
10. The system presents a command screen.

```

C:\WINDOWS\system32\cmd.exe
E:\USS SOURCE\Argus Insight\Main Source\Database Source\DBInstaller>REM -- Project
ct : Power Reports
E:\USS SOURCE\Argus Insight\Main Source\Database Source\DBInstaller>REM -- File
Name : Gen_Bal_Reports.bat
E:\USS SOURCE\Argus Insight\Main Source\Database Source\DBInstaller>REM -- Descr
ption : Generates balancing reports for schema Staging and Mart
E:\USS SOURCE\Argus Insight\Main Source\Database Source\DBInstaller>REM -- Creat
ion and Modification History:
E:\USS SOURCE\Argus Insight\Main Source\Database Source\DBInstaller>REM -- Date
Version Author Comments
E:\USS SOURCE\Argus Insight\Main Source\Database Source\DBInstaller>REM -- 07/2
1/2003 1.0 PradipS Created
E:\USS SOURCE\Argus Insight\Main Source\Database Source\DBInstaller>REM -----
E:\USS SOURCE\Argus Insight\Main Source\Database Source\DBInstaller>sqlplus APR_
MART/manager@aktest @.\ETL\Gen_Bal_Reports.sql .\

```

11. When the system opens the following dialog box showing the location of the balancing log reports generated with the report names, click OK.

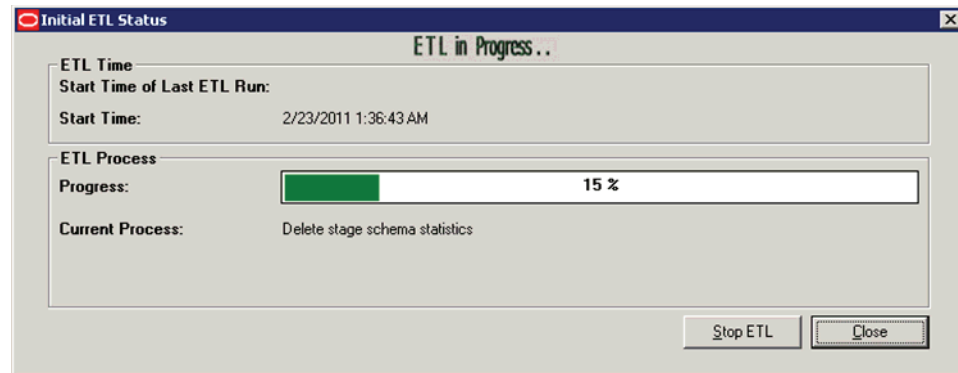


12. Click Run ETL (from the Initial ETL Status dialog, as shown in Step 8) if you want to start the Initial ETL process from the beginning after confirmation message and APR_MART password input.
 - a. Click Continue to continue the failed Initial ETL procedure.
 - b. Ignore option is also available to ignore the failed Initial ETL process.
13. Click Restart ETL to start the Initial ETL process from beginning after confirmation message and APR_MART password input.

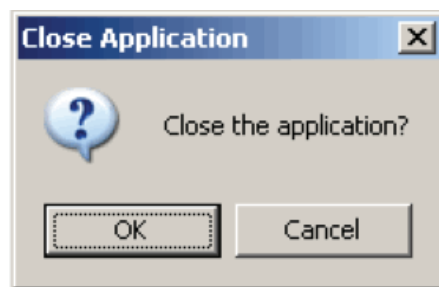
5.1.1 Closing the Initial ETL Status dialog

Use the following procedure to close the Initial ETL Status dialog.

1. Click Close.



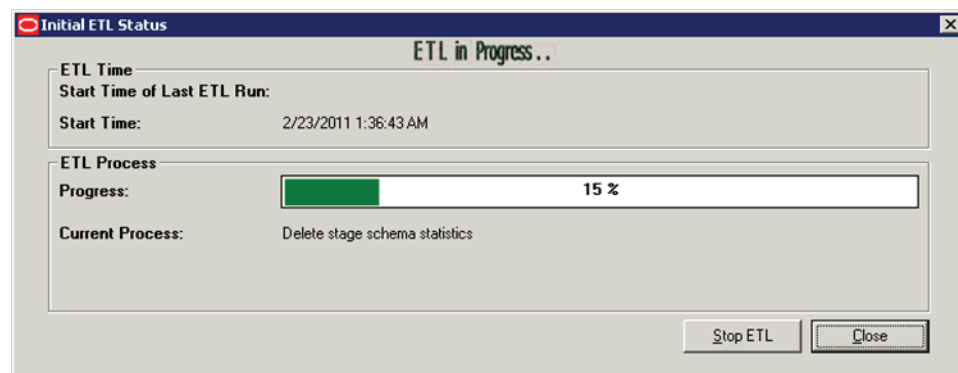
2. When the system opens the Close Application dialog box, click OK.



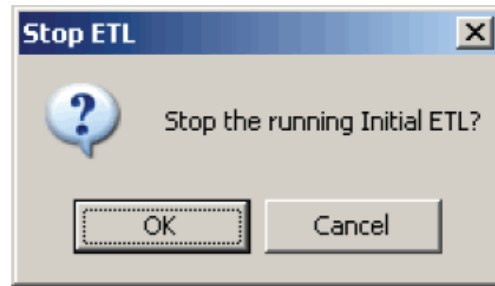
5.1.2 Stopping the Execution of ETL

Use the following procedure to halt the execution of the Initial ETL process:

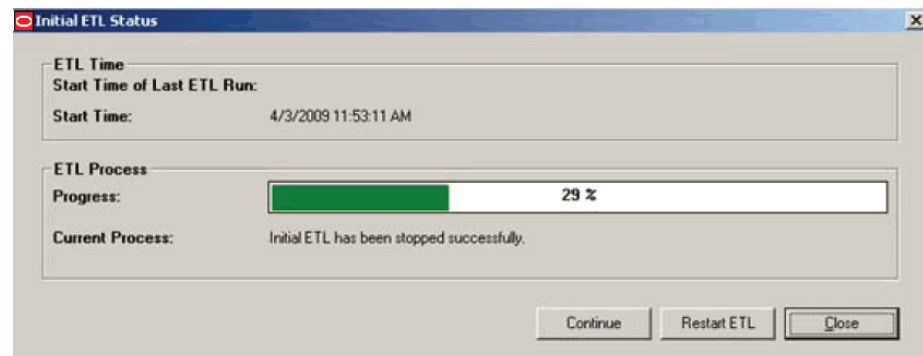
1. Click Stop ETL.



2. When the system opens the Stop ETL confirmation dialog box, click OK.



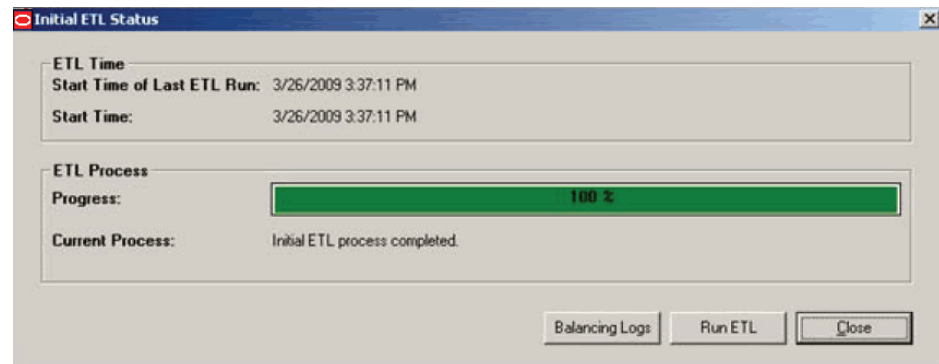
3. The system redisplay the Initial ETL Status dialog box.



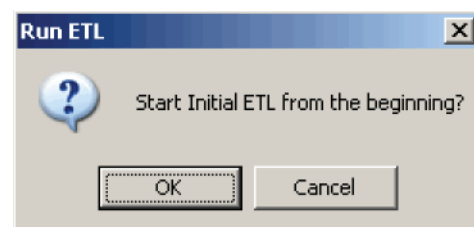
5.1.3 Run ETL

Use the following procedure to start the ETL process from the beginning.

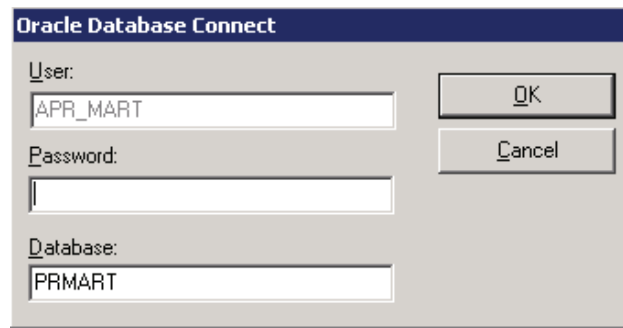
1. Click Run ETL.



2. When the system opens the Run ETL dialog box, click OK.



3. The following dialog is displayed. Enter the APR_MART password and click OK.



The dialog box is titled "Oracle Database Connect". It contains three input fields and two buttons. The "User:" field contains "APR_MART". The "Password:" field is empty. The "Database:" field contains "PRMART". The "OK" button is located to the right of the "User:" field, and the "Cancel" button is located to the right of the "Password:" field.

4. The initial ETL process starts from the beginning.

5.1.4 Options available for a Failed ETL

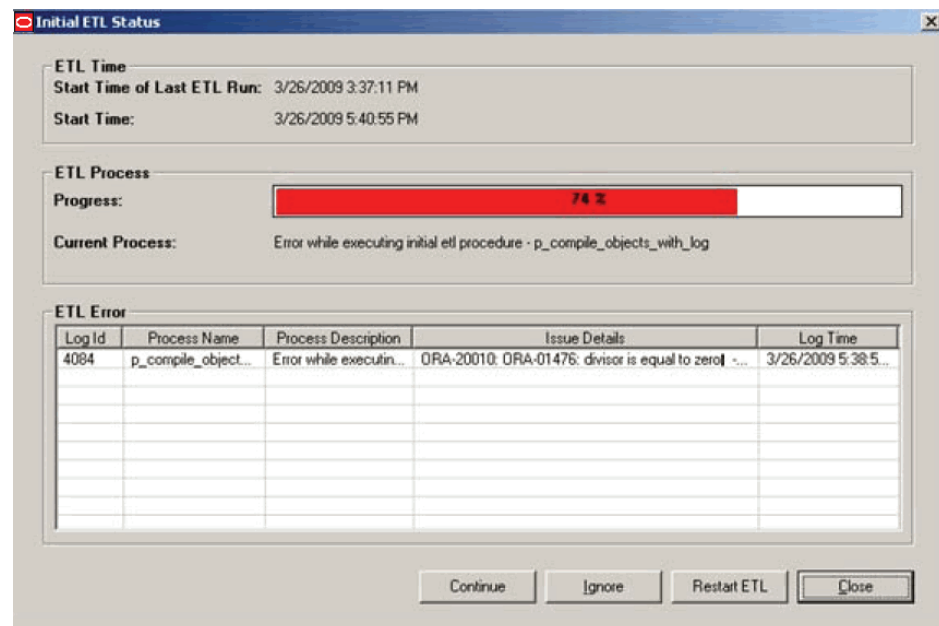
You can choose any of the following options for the failed Initial ETL process.

- Click **Continue** to continue the failed Initial ETL procedure.
- Click **Ignore** to ignore the failed Initial ETL process.
- Click **Modify Attributes** of ETL Data Exclusion if PRE_REQ_CHECK_FLAG switch is set to ABORT.

Note: These modifications must be done before running the Initial ETL process.

5.1.5 Continuing the Failed Initial ETL Process

Use the following procedure to continue a failed ETL procedure. Execute the following steps to continue the Initial ETL process from the failed ETL procedure.



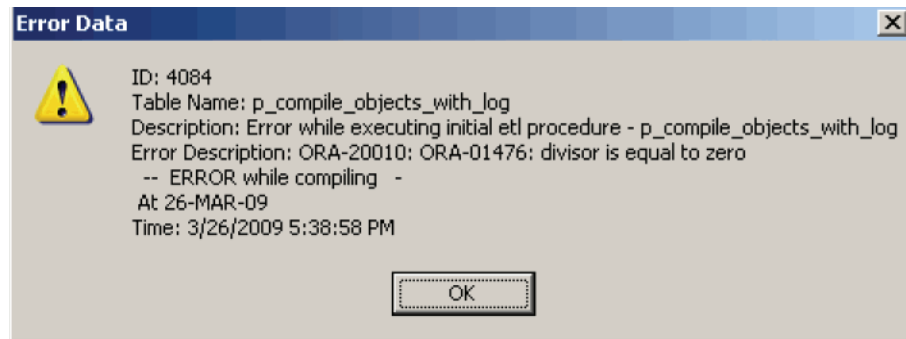
The dialog box is titled "Initial ETL Status". It displays the following information:

- ETL Time:**
 - Start Time of Last ETL Run: 3/26/2009 3:37:11 PM
 - Start Time: 3/26/2009 5:40:55 PM
- ETL Process:**
 - Progress: A progress bar showing 74% completion.
 - Current Process: Error while executing initial etl procedure - p_comple_objects_with_log
- ETL Error:**

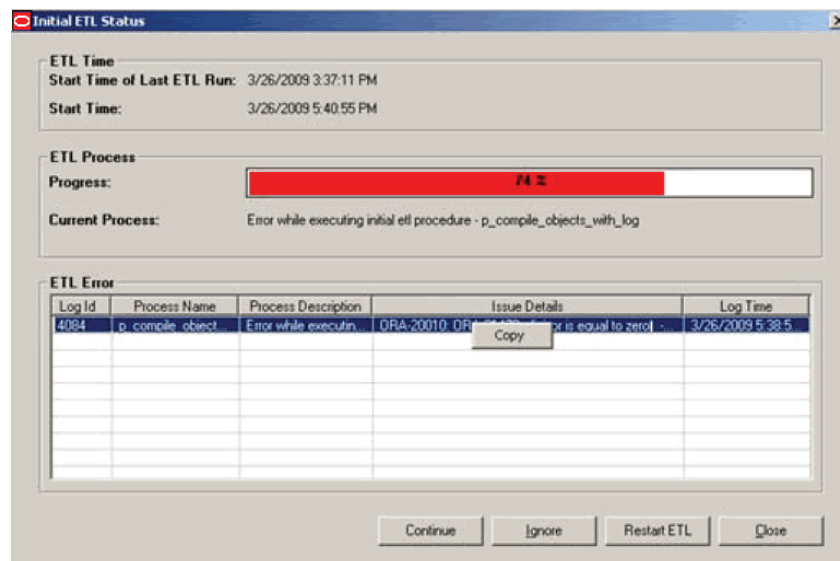
Log Id	Process Name	Process Description	Issue Details	Log Time
4084	p_comple_object...	Error while executin...	ORA-20010: ORA-01476: divisor is equal to zero ...	3/26/2009 5:38:5...

At the bottom of the dialog box, there are four buttons: "Continue", "Ignore", "Restart ETL", and "Close".

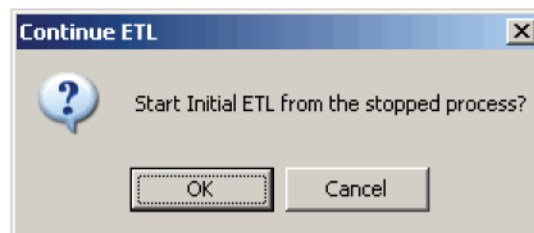
1. Double-click on the ETL error to view the Error Data dialog containing the details of that error. Click OK.



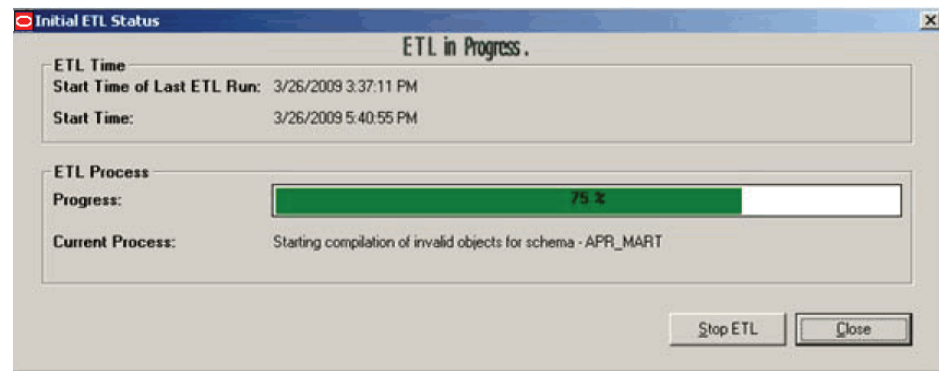
2. Right-click on the ETL Error and click Copy to copy the error data.



3. Click Continue to continue the failed ETL process.
4. When the system opens the Continue ETL dialog box, click OK.



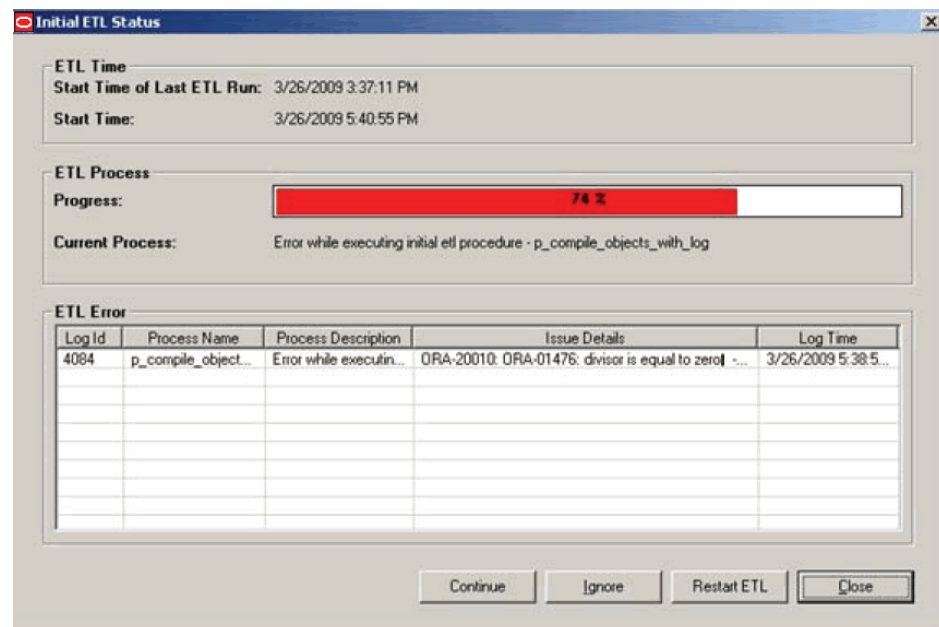
5. The system continues with the ETL process (if no errors are found).
6. The system continues executing the initial ETL.



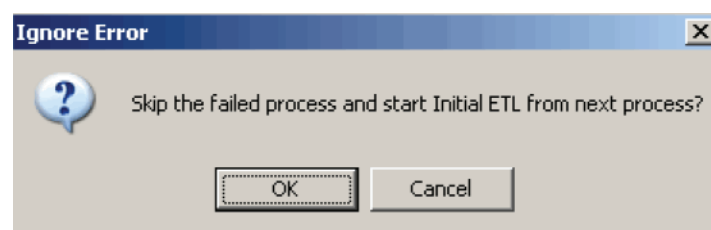
5.1.6 Ignoring the Failed Initial ETL Process

Use the following procedure to start the Initial ETL process by ignoring the failed Initial ETL procedure:

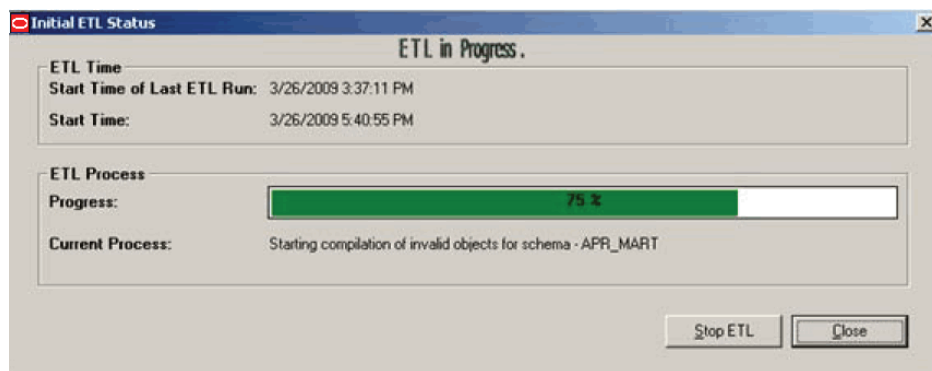
1. When the system opens the Initial ETL Status dialog box, click Ignore.



2. When the system opens the Ignore Error dialog box, click OK.



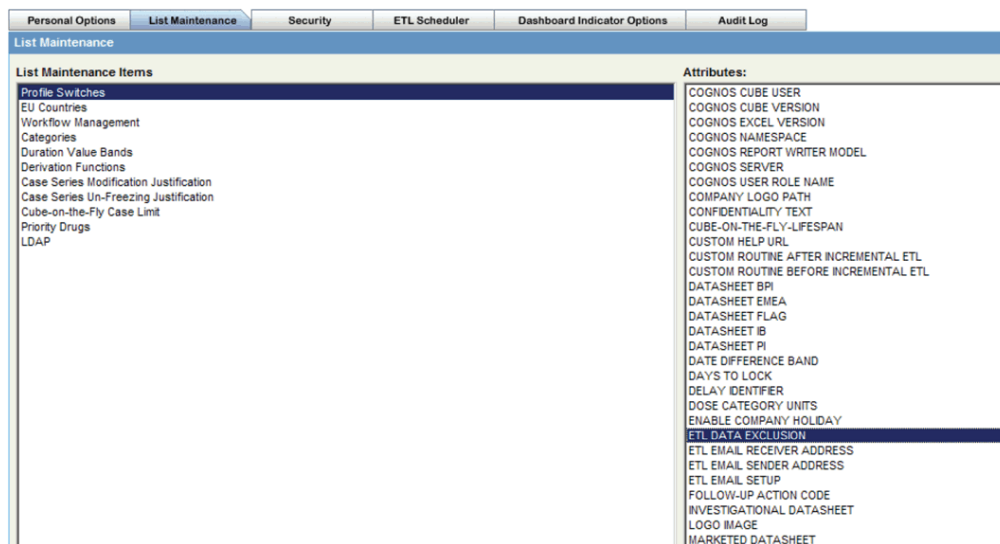
3. The system starts the Initial ETL from the next process.



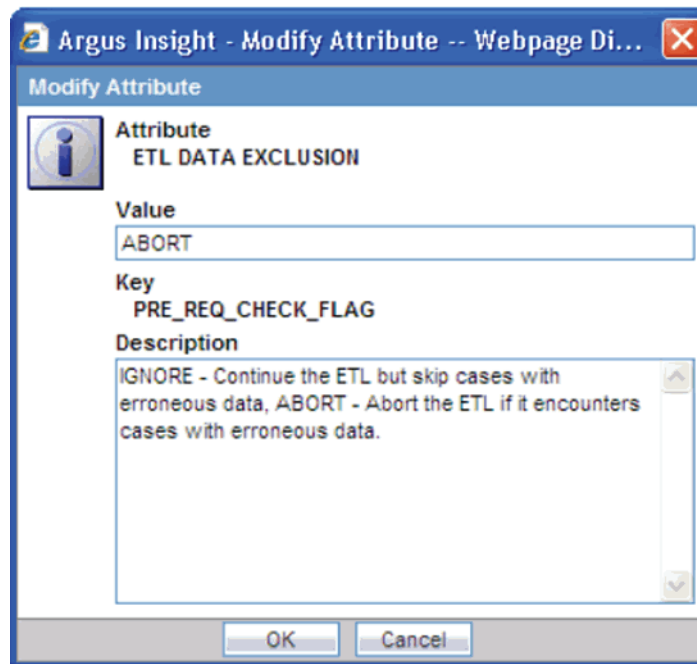
5.1.7 Modifying the Attributes of ETL Data Exclusion

Use the following procedure to modify ETL Data Exclusion attributes. You must modify these attributes before ETL execution.

1. Log on to the Argus Insight Web Server as an Admin user.
2. Select Tools > List Maintenance > Profile Switches > ETL Data Exclusion.



3. Click Modify.
4. When the system opens the following dialog box do one of the following and click OK:

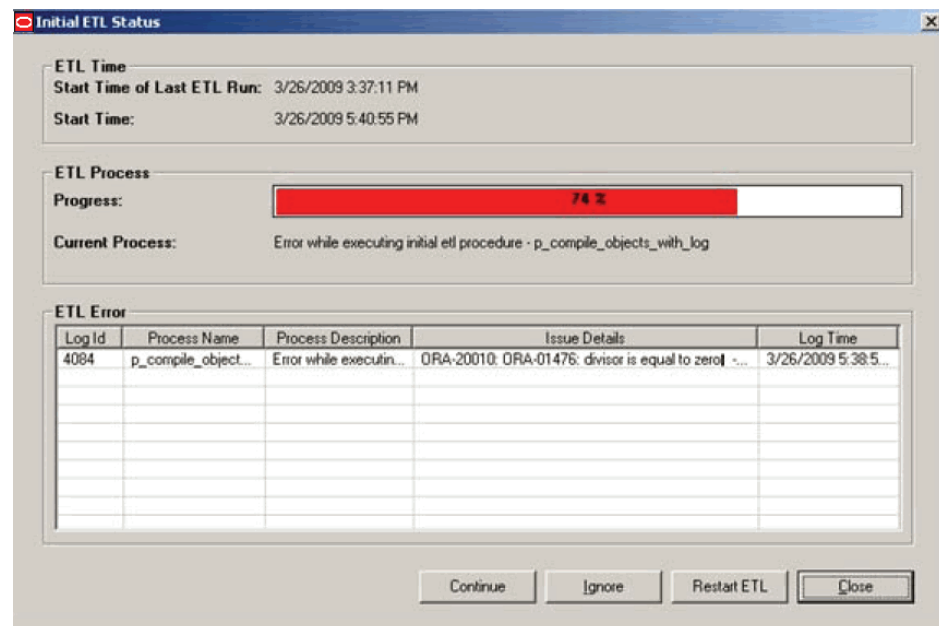


- Enter IGNORE in the Value field if you want to continue the ETL process and skip cases with erroneous data.
- Enter ABORT in the Value field if you want the ETL process to abort when it encounters cases with erroneous data.

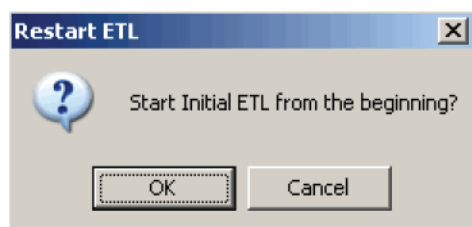
5.1.8 Restart the Initial ETL Process

Use the following procedure to restart the the Initial ETL process starting from after the confirmation message and APR_MART password input:

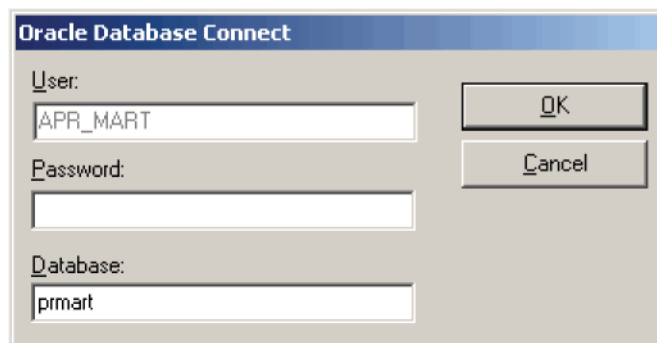
1. When the system opens the following dialog box, click Restart ETL.



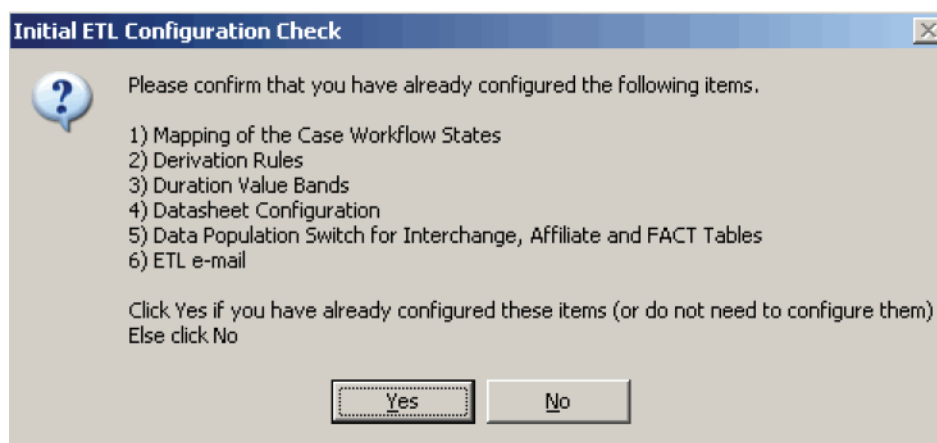
- When the system opens the Restart ETL dialog box, click OK.



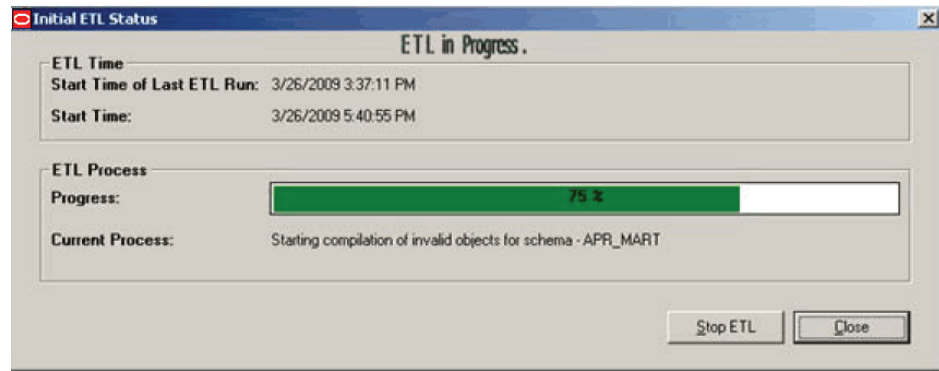
- When the system opens the Oracle Database Connect dialog box:



- Enter the APR_MART password in the Password field.
 - Enter the database name in the Database field.
 - Click OK.
- When the system opens The Initial ETL Configuration Check dialog box, click Yes if the listed items have already been configured.



- The system proceeds with the ETL process. When the system finishes the ETL process, click Close.



The chapter describes steps to configure and work on the Cognos 8 environment.

6.1 Configuring the Cognos 8 Environment

Before attempting to configure the environment, verify that you have installed all required hardware and software. For more information, see the [Hardware and Software Requirements](#) section.

Note: You must configure the Cognos 8 environment in the order shown in this document.

6.1.1 Configuring IIS on the Cognos 8 Server

Refer to the attached embedded document to configure IIS 7.0 on the Cognos 8 Server, using Microsoft Windows 2008.

Double-click on the attached icon to open the document (available in the PDF version only). Alternatively, you can also right-click the icon and click **Save Embedded File to Disk...** to save the document locally.

6.1.2 Configuring the Java Database Components (JDBC) in the Cognos 8 Environment

Use the following procedure to configure the JDBC in the Cognos 8 environment.

1. Copy the ojdbc5.jar file from the Oracle installation path
C:\app\Administrator\product\<Oracle Version>\client_1\sqldeveloper\jdbc\lib" to the following location on the Cognos 8 environment:
<Cognos Installation Path>\c8\webapps\p2pd\web-inf\lib

Note: In the above example, C:\app is only a reference about an Oracle installation path.

6.1.3 Authentication Settings for Cubes and Report Writer

Copy the PR.asp file from the following location on the Argus Insight Web Server:

\\<Argus Insight Installation Path>ArgusInsight\ASP\Reports to the following path on the Cognos 8 Server:

\\<Cognos 8 Installation>Cognos\c8\cgi-bin

6.1.4 Configuring Custom Java Authentication

Use the following procedure to configure custom Java authentication.

1. Copy the CAM_AAA_JDBC_PowerReports.jar file from the following location

\\<Cognos 8 Server>\<Argus Insight Installation Path>\Java
Authentication\JDBC_PowerReports

to this location on the Cognos8 Server:

\\<Cognos 8 InstallationPath>\c8\webapps\p2pd\WEB-INF\lib

2. Copy the JDBC_Config_PowerReports.properties file from this location:

\\<Cognos 8 Server>\<Argus Insight Installation Path>\Java
Authentication\JDBC_PowerReports

to this location on the Cognos8 Server:

\\<Cognos 8 Installation Path>\c8\Configuration

3. Open the JDBC_Config_PowerReports.properties file in Notepad.

Go to the Cognos Server and modify the existing values of the parameters in the JDBC_Config_PowerReports.properties file, as shown in the following table.

Parameter	Value to Enter
Server	Enter the IP address or the name of the Database Server.
SID	Enter the instance/service name of the Argus Insight datamart.
Port	Enter the database port number.

4. Save and close the file.

5. Copy the file ContentStore.zip from this location:

\\<Cognos 8 Server Name>\<Argus Insight Installation Path>\Cognos
8\Contentstore

to this location on the Cognos 8 Server:

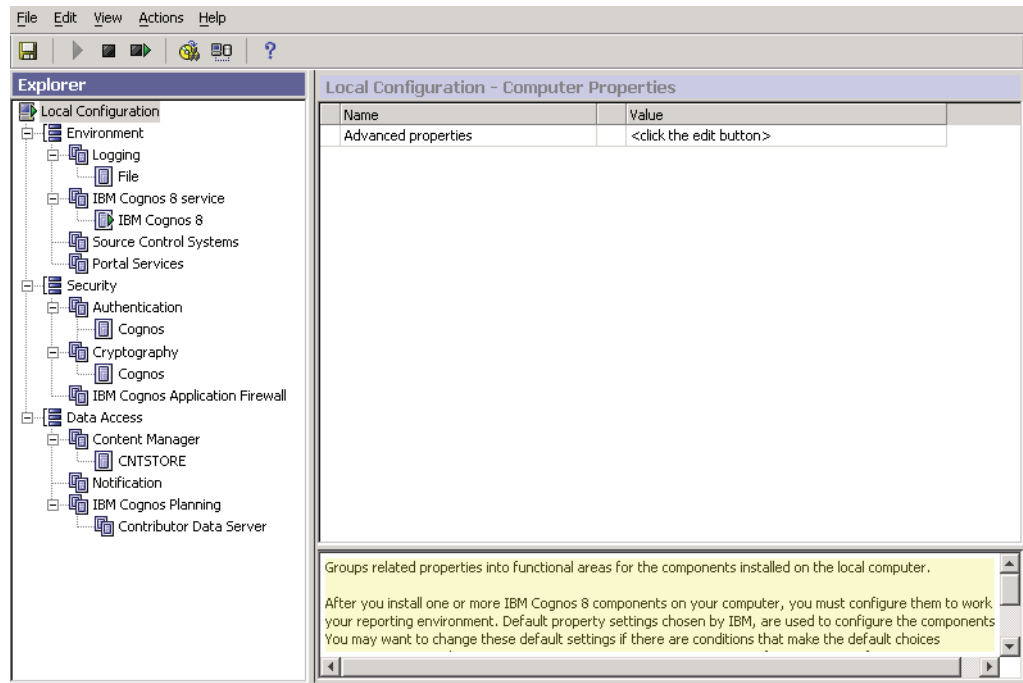
<Cognos 8 Installation Path>\C8\Deployment

6.2 Configuring the Cognos 8 Environment

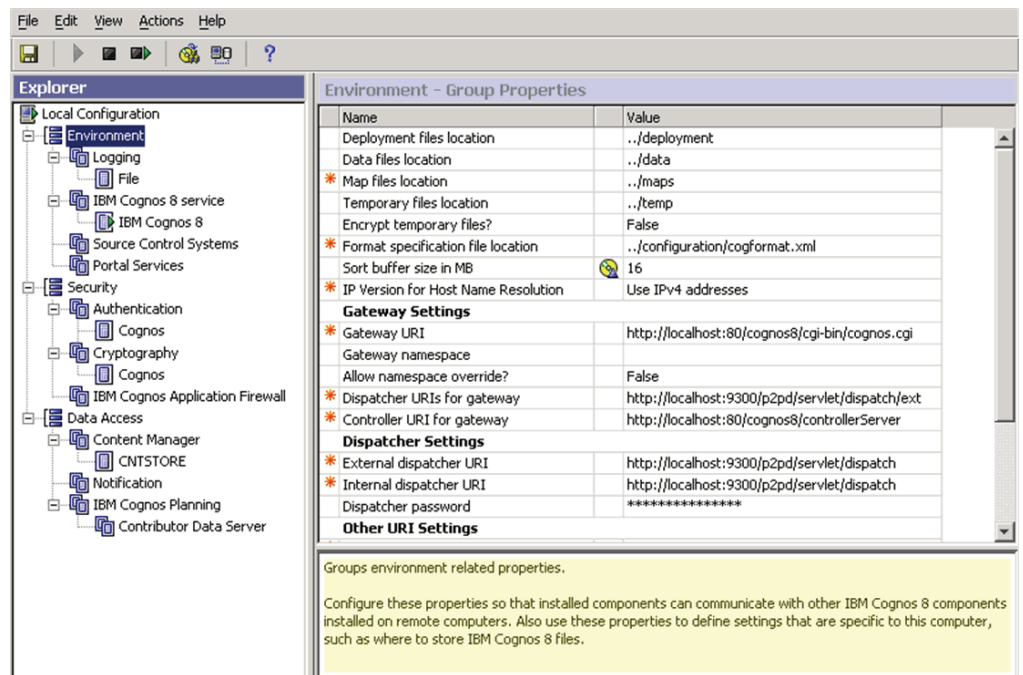
Use the following procedure to configure the Cognos 8 environment.

1. Select Start > Programs > IBM Cognos 8 > IBM Cognos Configuration to open the IBM Cognos Configuration window.

Note: The windows that are displayed during the Cognos 8 configuration are labeled as either IBM Cognos 8 or Cognos 8. Both labels refer to the same Cognos configuration.



2. Select the Environment group in the control tree.

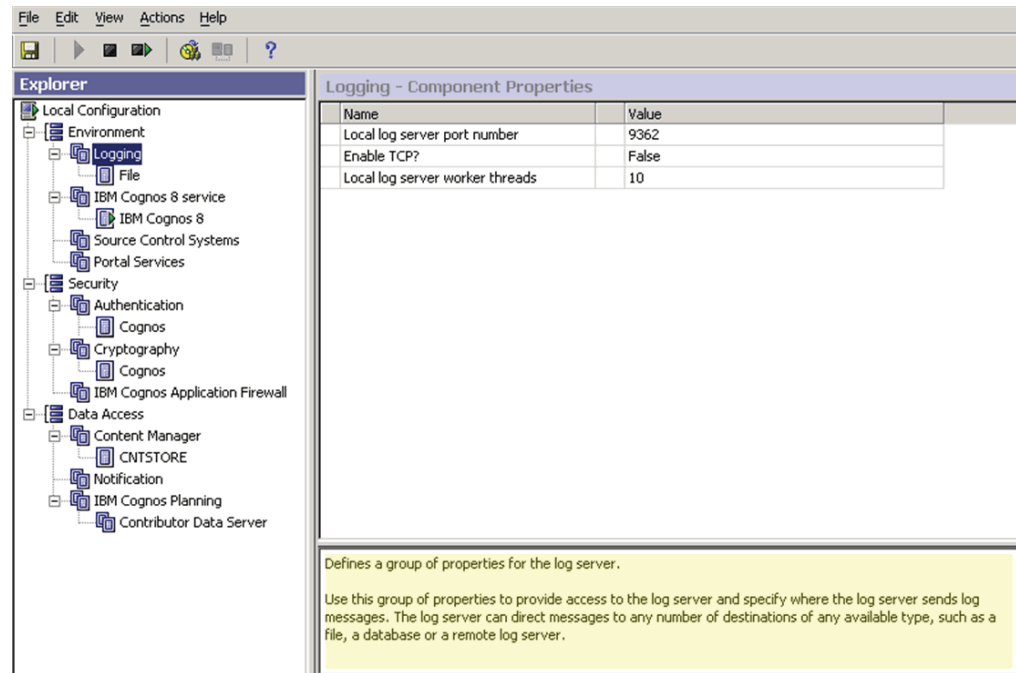


3. Verify that the values of the environment attributes in the right pane are set as shown in the following table:

Item	Value
Sort Buffer Size in MB	16
Gateway URI	http://localhost:80/cognos8/cgi-bin/cognos.cgi
Dispatcher URI for Gateway	http://localhost:9300/p2pd/servlet/dispatch/ext

Item	Value
Controller URI for gateway	http://localhost:80/cognos8/controllerServer
External dispatcher URI	http://localhost:9300/p2pd/servlet/dispatch
Internal dispatcher URI	http://localhost:9300/p2pd/servlet/dispatch
Content Manager URIs	http://localhost:9300/p2pd/servlet
Dispatcher URI for external applications	http://localhost:9300/p2pd/servlet/dispatch

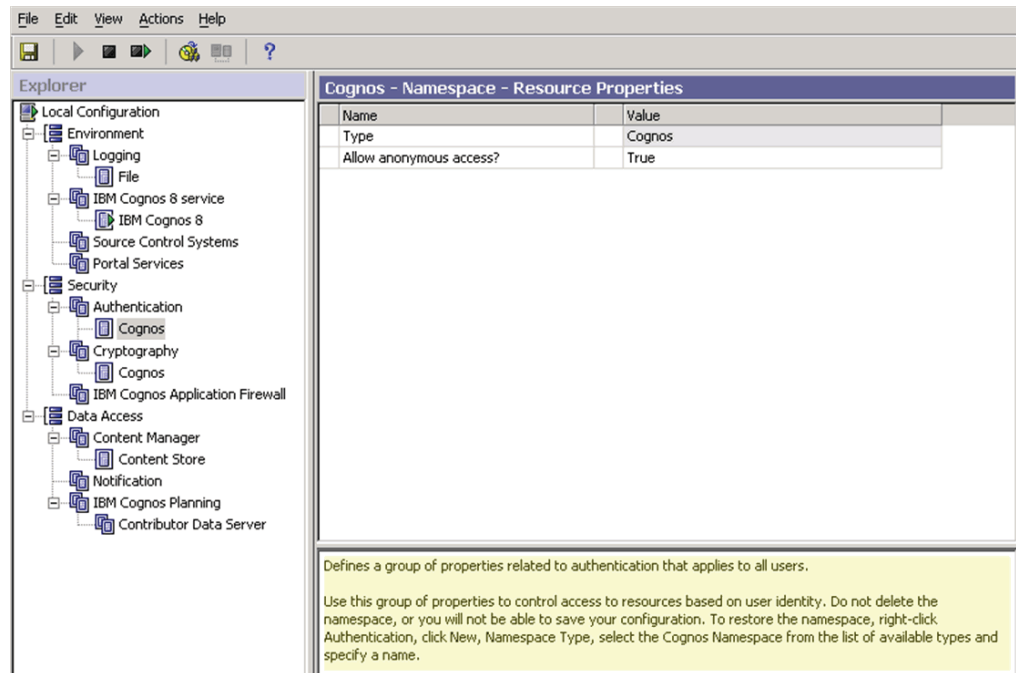
4. In the control tree, select the Logging sub-group under the Environment group.



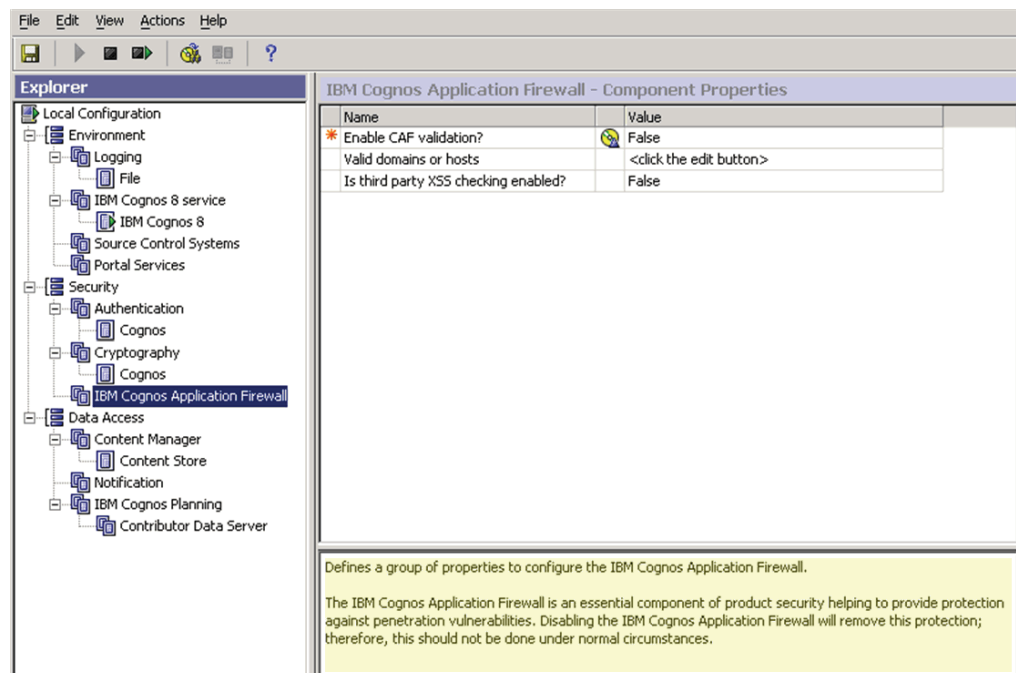
5. Verify that the items in the right pane display the following values. Modify the values if they are not as specified below:

Item	Value
Local Log Server Port Number	9362
Enable TCP	False
Local Log Server worker Thread	10

6. In the control tree, select Security > Authentication > Cognos.

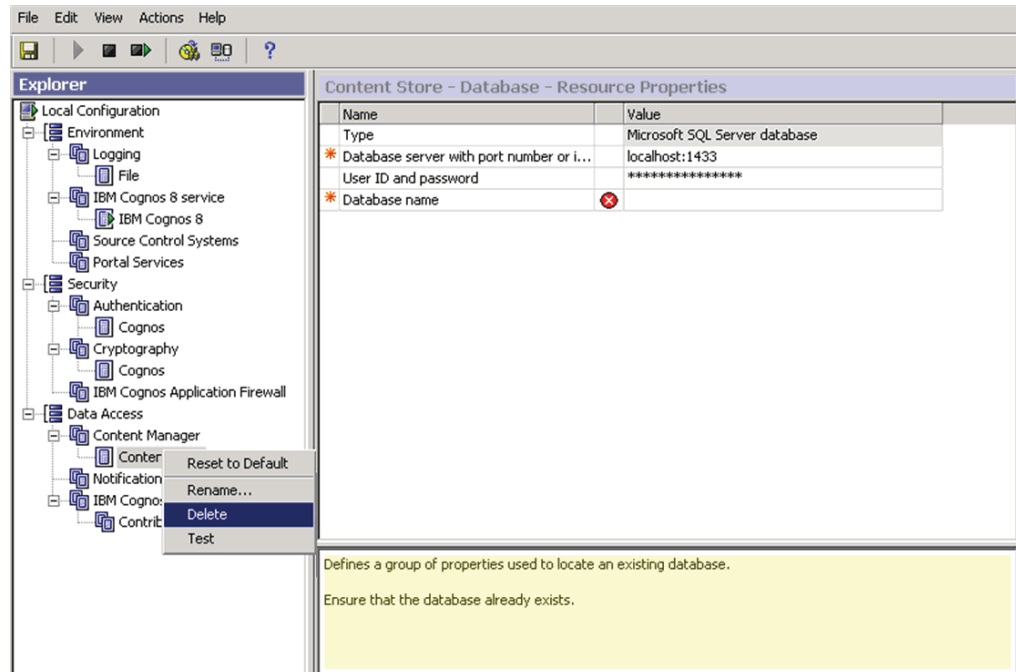


7. Verify that the item in the right pane displays the following value. Modify the value if it is not set, as shown below:
 - Item: Allow anonymous access?
 - Value: True
8. In the left pane, click IBM Cognos Application Firewall to change the value of Enable CAF validation? to False.

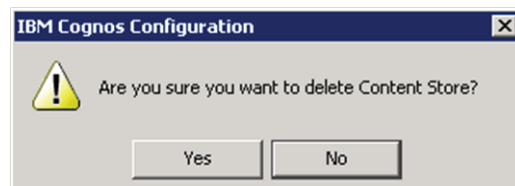


9. In the control tree, select Data Access > Content Manager.

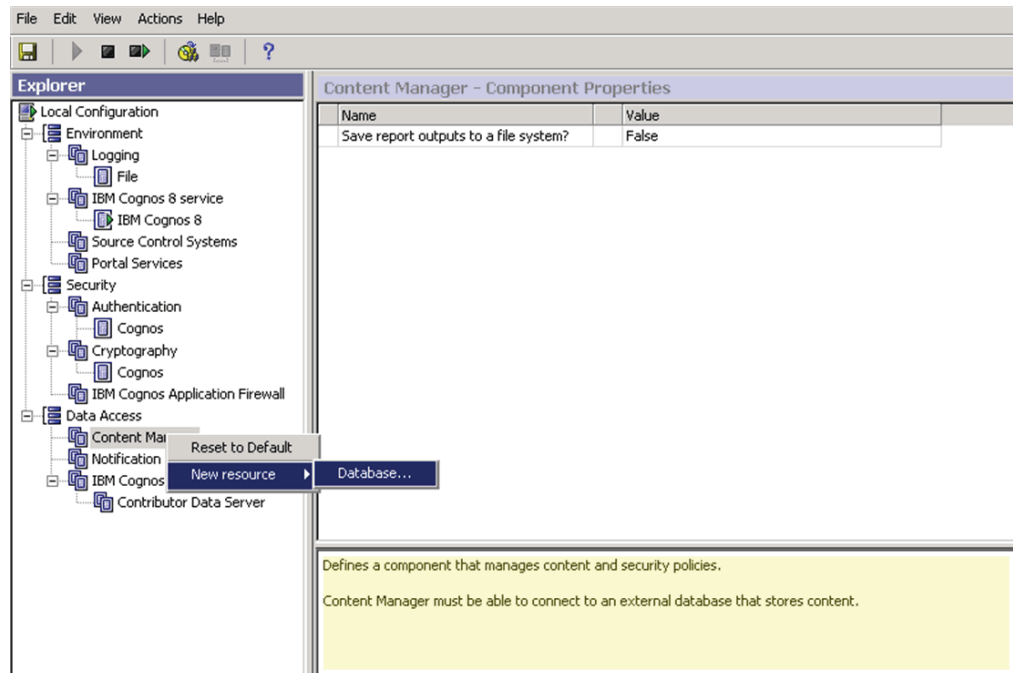
- Right-click the Content Store item in the left pane. Select Delete from the popup menu.



- When the system opens the following dialog box, click Yes.

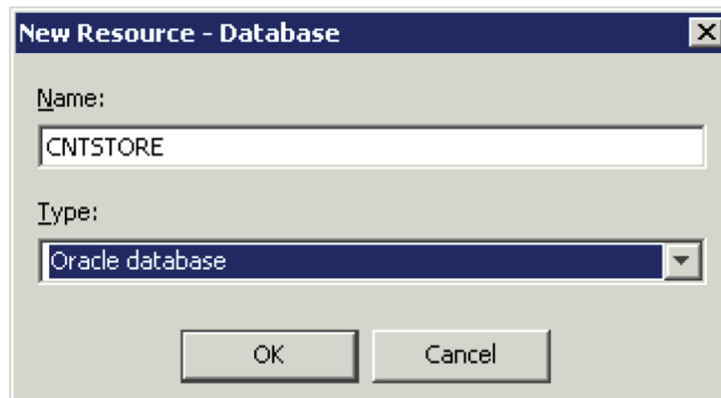


- Go to Data Access>Content Manager and right-click Content Store and select New Resource > Database.

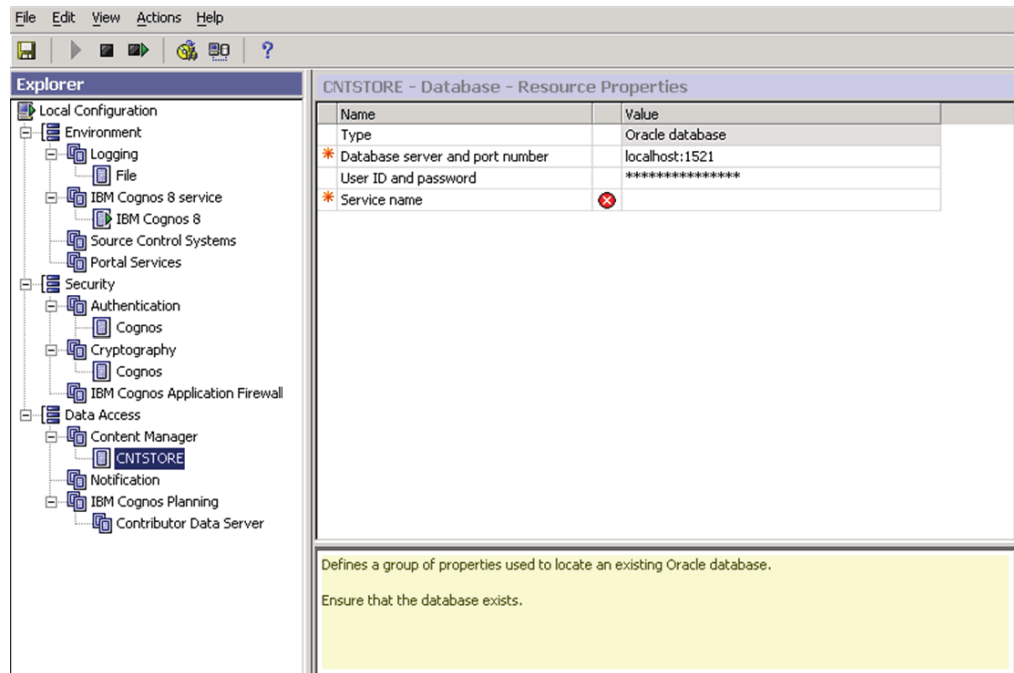


13. When the system opens the New Resource Database dialog box:

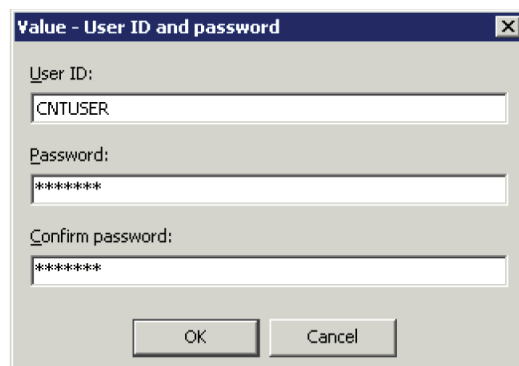
- Type CNTSTORE in the Name field. This is the name of the database resource.
- Select Oracle database from the Type drop-down list.
- Click OK.



14. When the system opens the IBM Cognos Configuration window:



- In the right pane, enter the value for the Database Server and port Number as: <Database Server Name>:1521 where: Database Server Name is the name of the server where your content store database is stored.
 - Select User ID and password item, and click the icon that appears next to it.
15. When the system opens the following dialog box:



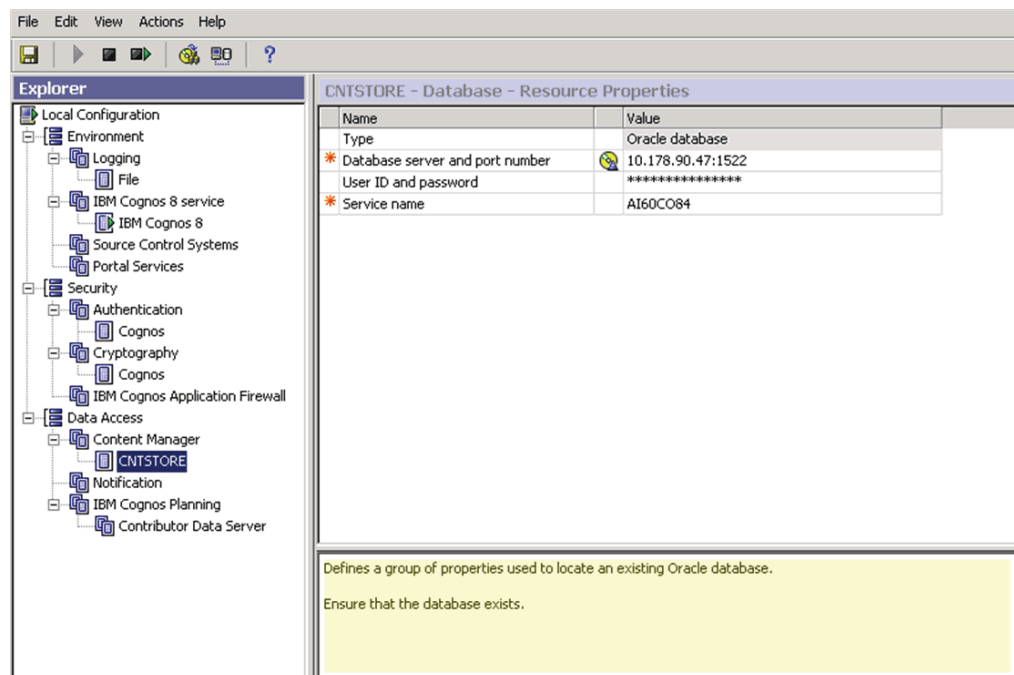
- Type the User ID for the content store database user in the User ID field.
- Type the password for the content store database user in the Password field.
- For verification, re-enter the password in the Confirm password field.
- Click OK.

Note: The contents store database user is created in the Cognos content store database. This user is given grants of Connect, Resource, and Create View, along with Unlimited Tablespace Grant.

The character set of the Cognos content store database should only be UTF.

Make sure that the content store database entry is added in the TNSNames.ora file on the Cognos 8 server.

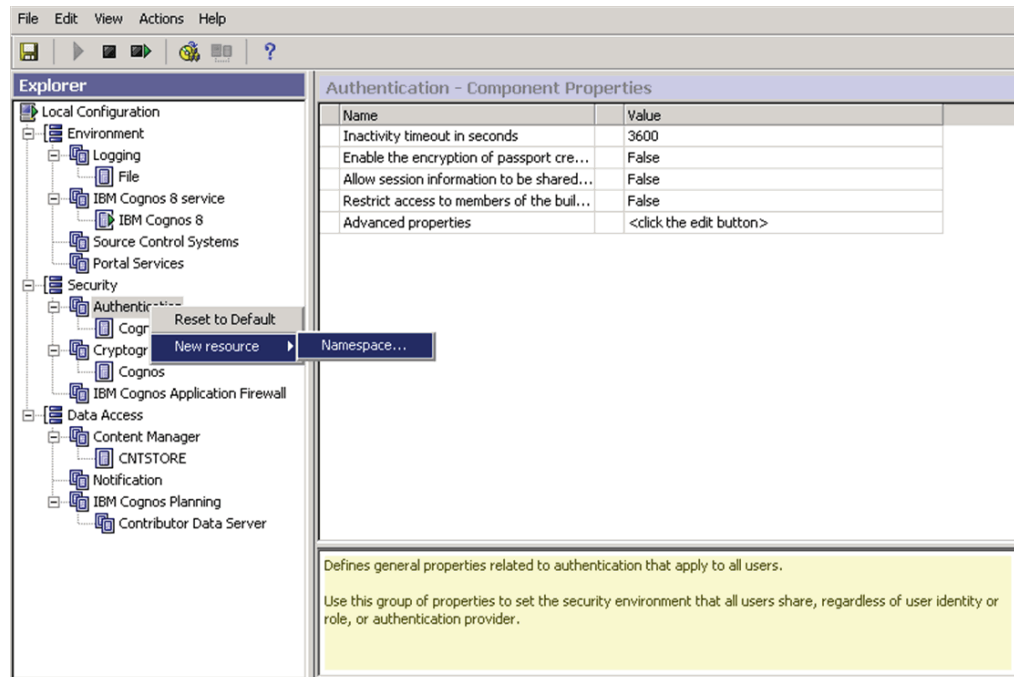
- When the system opens the IBM Cognos Configuration window, enter the database instance name for the Cognos 8 repository in the Service Name field.



6.2.1 Creating Namespace for Argus Insight Authentication

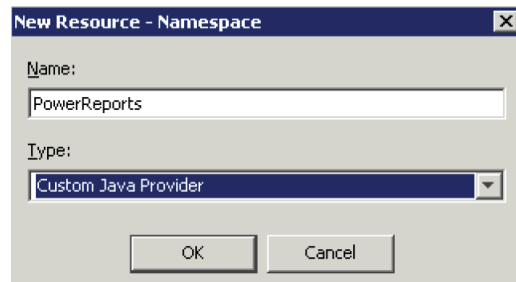
Use the following procedure to create the Namespace for Argus Insight authentication.

- In the IBM Cognos Configuration window, right-click on Authentication under Security, and select New Resource>Namespace.

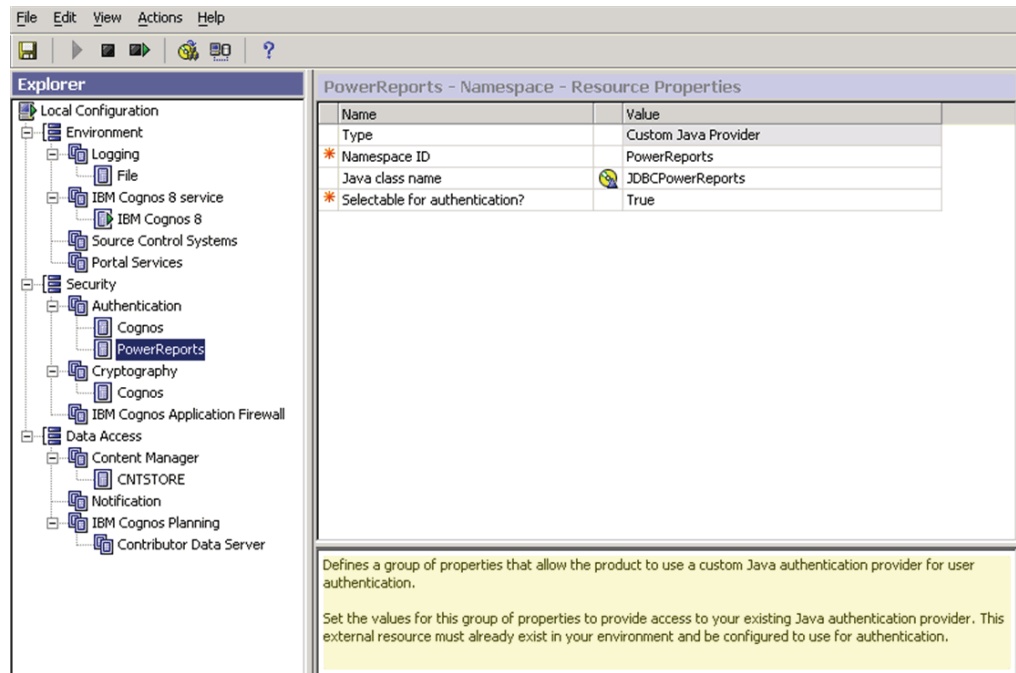


2. When the system opens the New Resource – Namespace dialog box:

- Type PowerReports in the Name field.
- Type Custom Java Provider in the Type field.
- Click OK.



3. When the system opens the PowerReports - Namespace - Resource Properties screen:

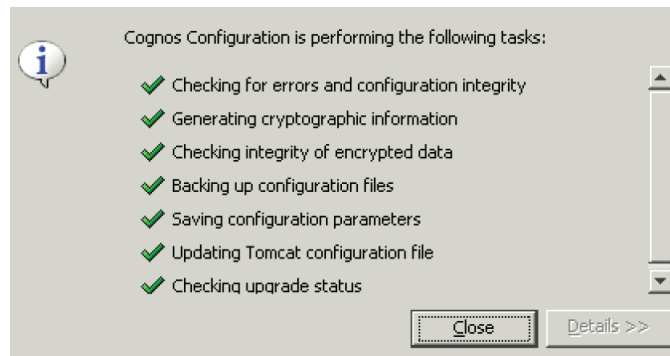


- Enter the values (case sensitive) for the items as shown in the following table:

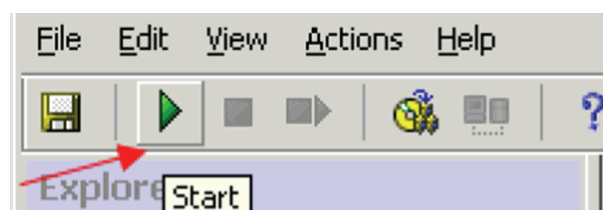
Item	Value
Namespace ID	PowerReports
Java class name	JDBCPowerReports

- Click the Save icon in the IBM Cognos Configuration window toolbar to save the configuration settings.

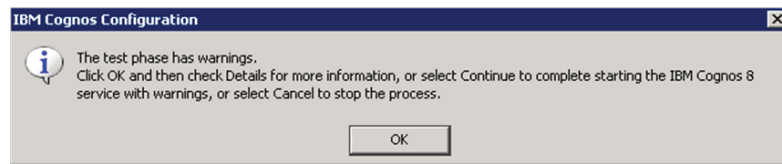
4. When the system opens the following dialog box, click Close.



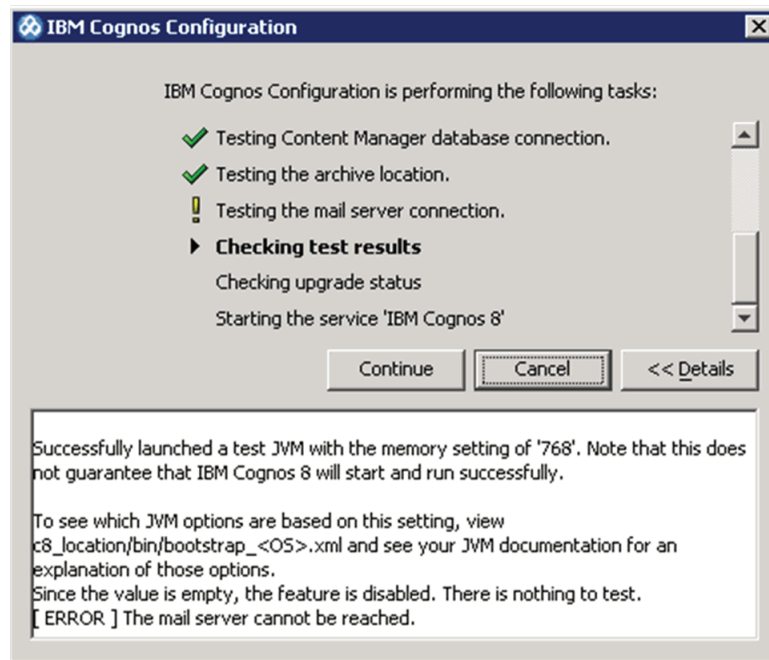
5. Click the Start icon in the IBM Cognos Configuration screen to run the Cognos 8 service.



6. If the system displays the following message, click OK to continue.



7. Ignore the warning if it appears due to mail server connection failure, as shown in the following dialog box.

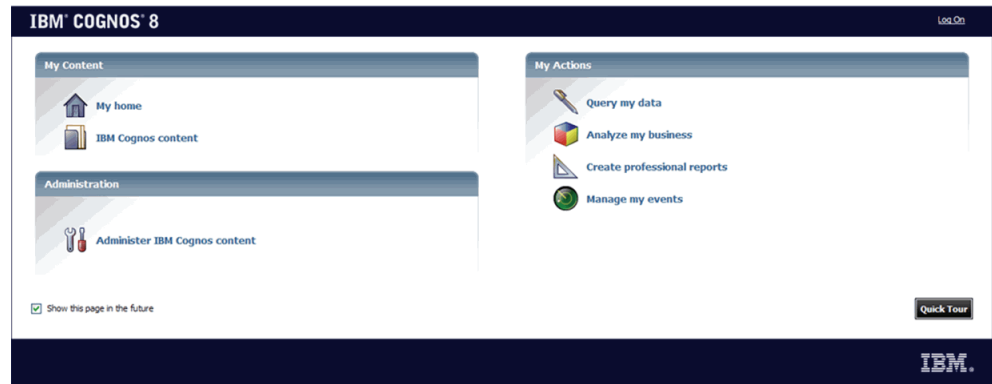


8. Click **Continue** to ignore the Mail Server Connection Warning displayed above. If the warning(s) appear due to reasons other than mail server connection failure, please check your configuration again.
9. Click Close to exit.
10. Click File>Exit to exit from the IBM Cognos 8 configuration.

6.3 Importing the Content Repository

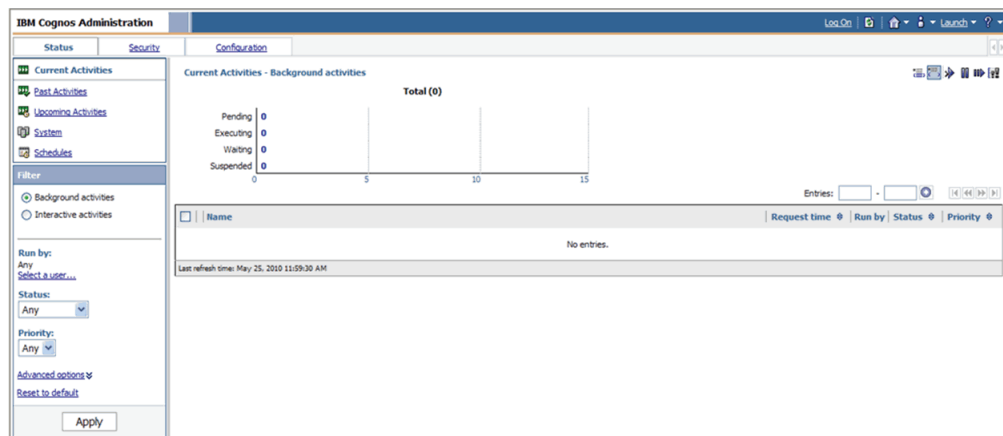
Use the following procedure to import the content repository to the database.

1. Log on to the IBM Cognos 8 Server as an Admin user.
2. Start Internet Explorer.
3. Enter the URL in the following format and press Enter: `http://<Cognos 8 Server>/cognos8`
4. When the system opens the following window, click Administer IBM Cognos Content.

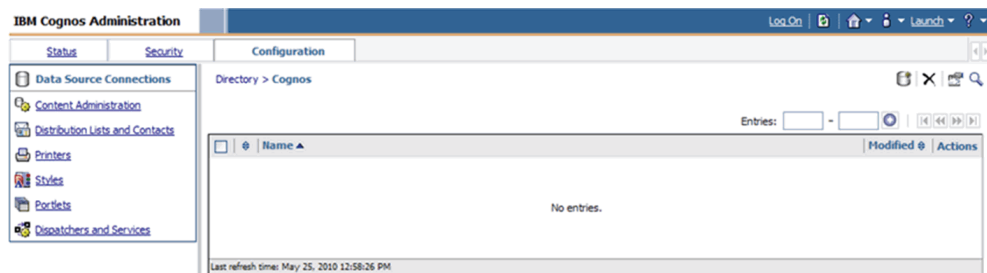


Note: If your security settings on the server do not permit you to view the Cognos connection, add the site URL (<http://<Cognos 8 Server>/cognos8>) to the list of local intranet sites.

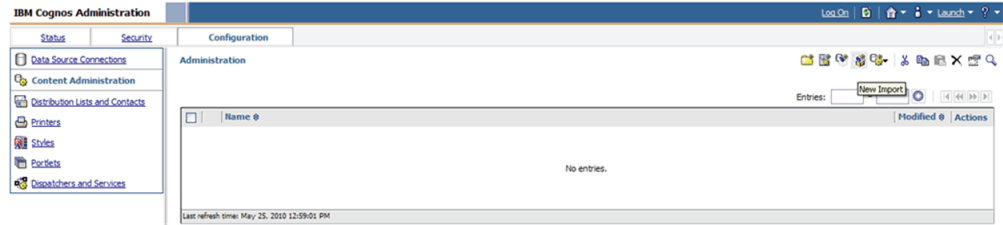
- When the system opens the IBM Cognos Administration screen, click the Configuration tab.



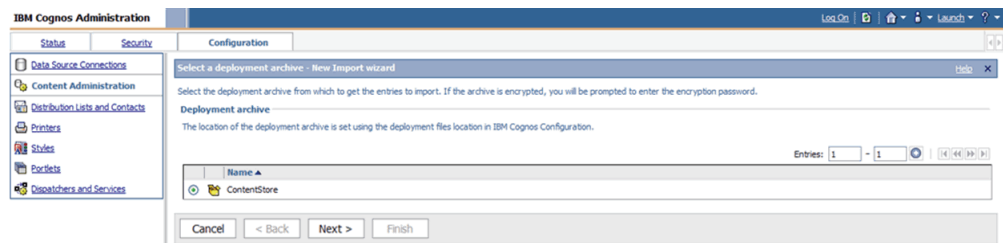
- When the system opens the Data Source Connection window, click Content Administration.



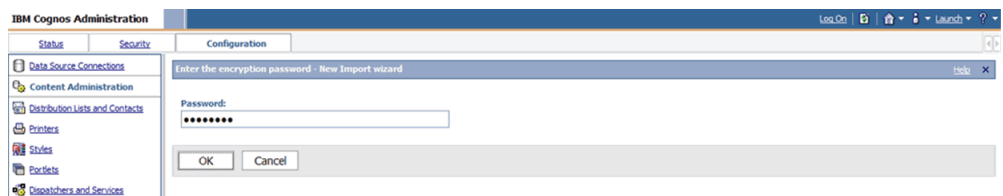
- When the system opens the Content Administration window, click the New Import icon.



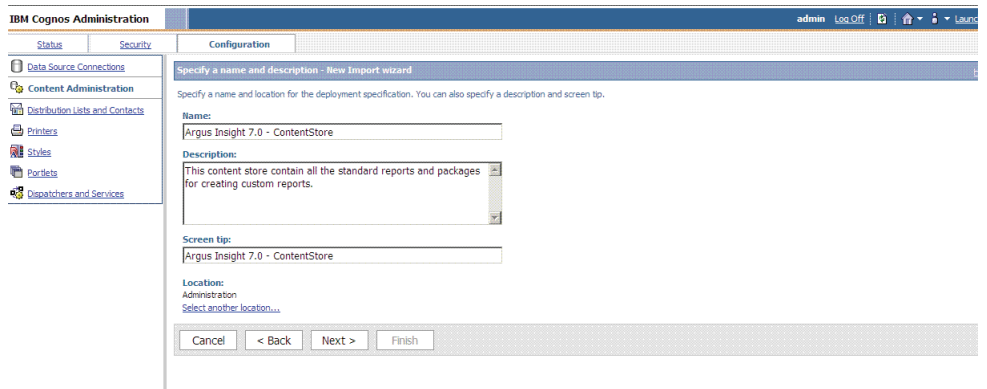
8. When the system opens the following window, click Next.



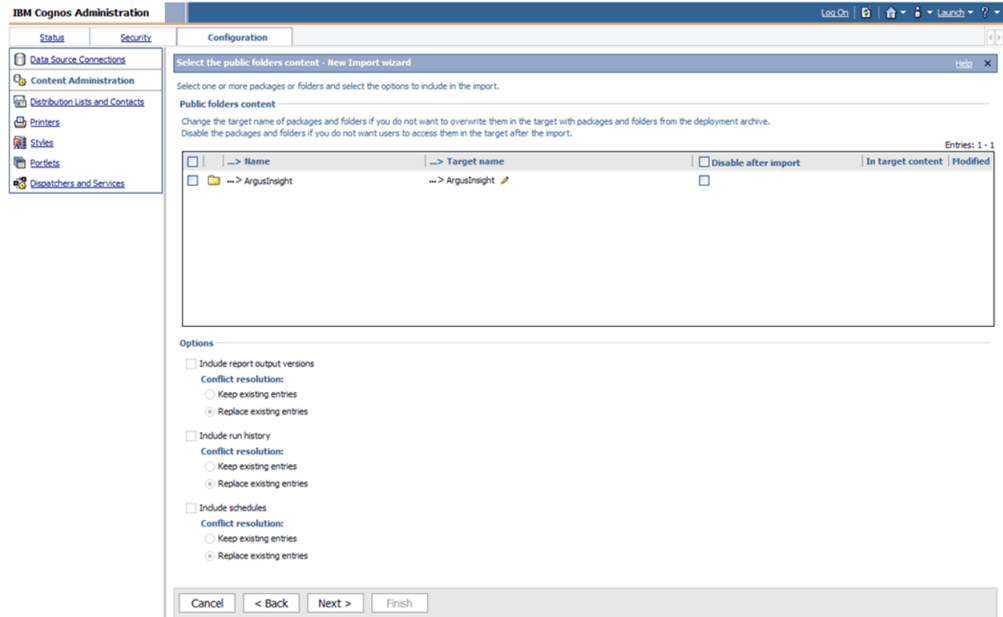
9. When the system opens the following window, type password in the Password field and click OK.



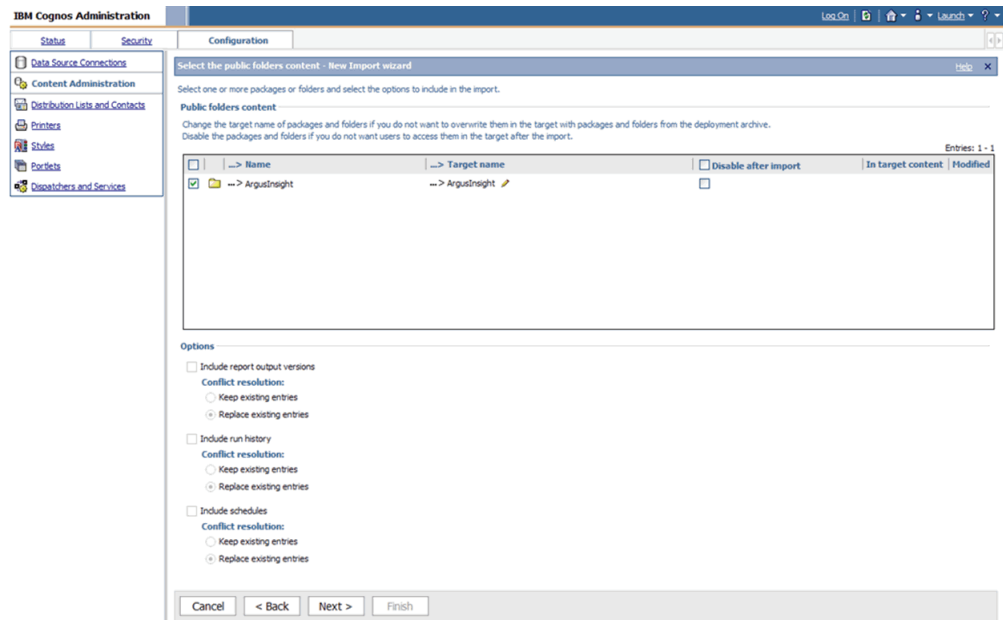
10. When the system opens the following window, click Next>.



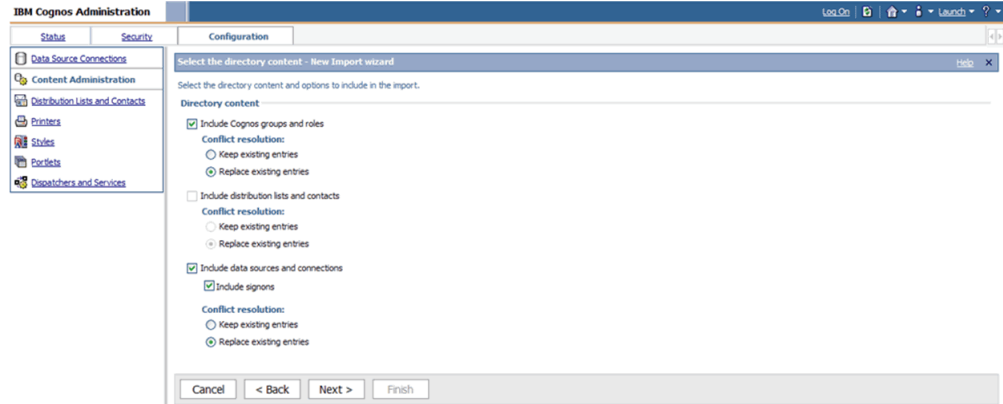
11. When the system opens the following window, click the Name checkbox to select all the checkboxes in this category.



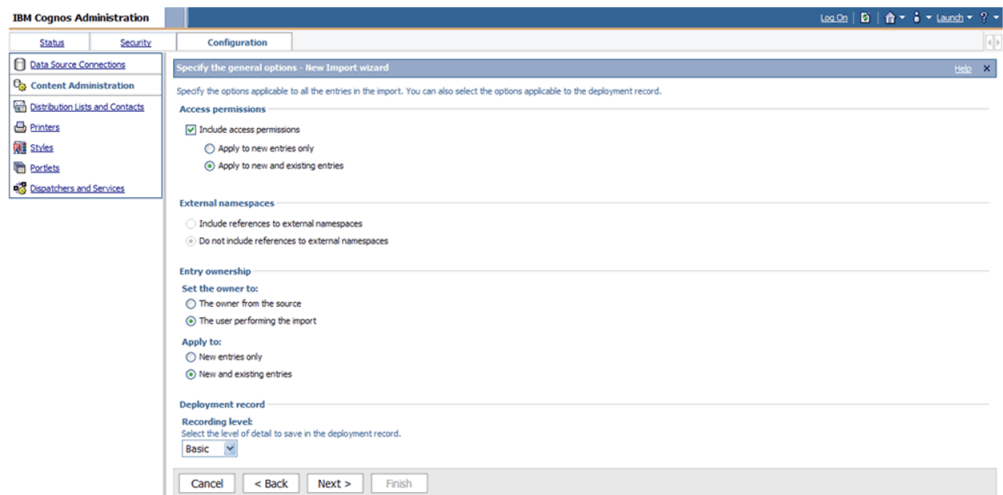
12. When the system opens the following window, click Next>.



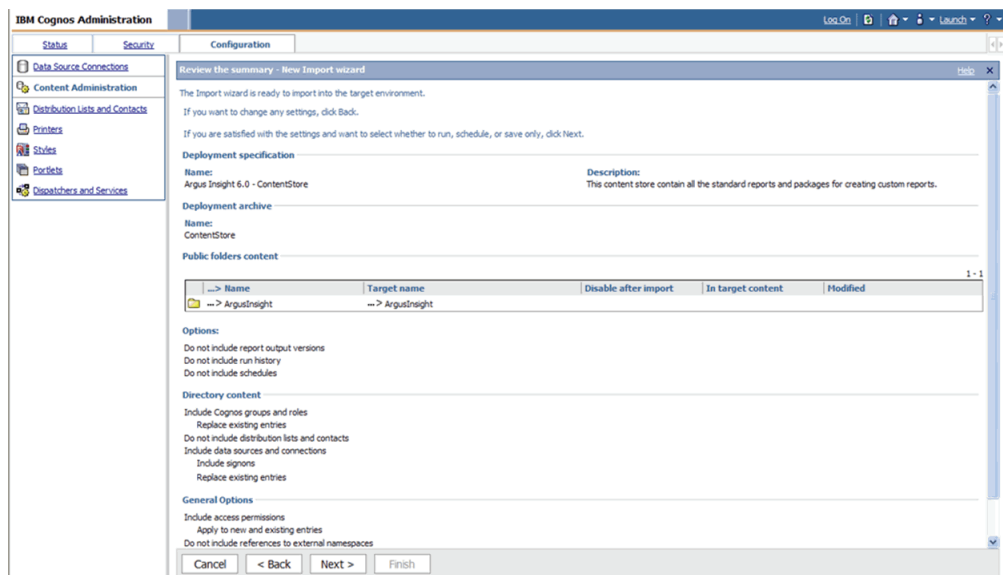
13. When the system opens the following window, verify that your settings are the same as the setting shown in the following illustration. Click Next>.



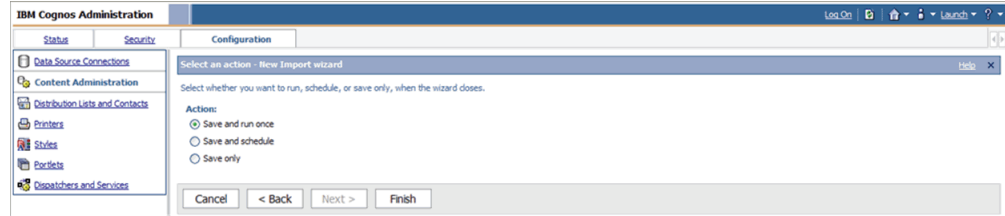
14. When the system opens the next window, verify that your settings are the same as those shown in the following illustration. Click Next>.



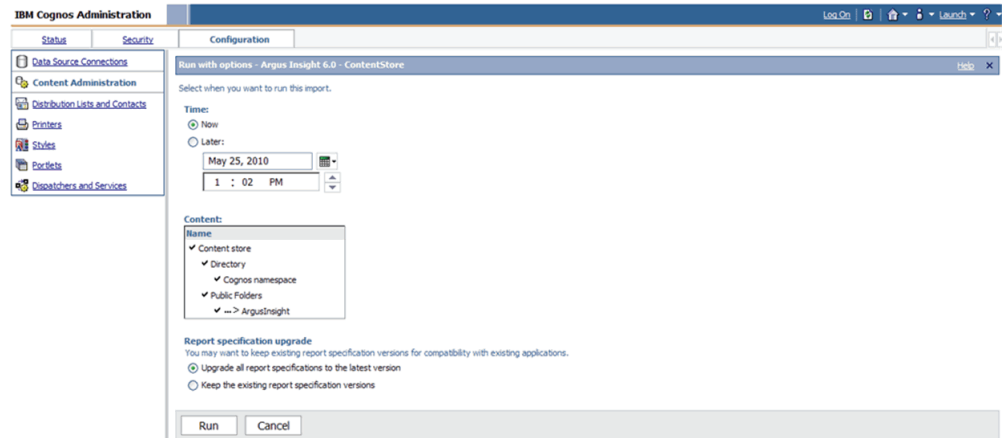
15. When the system opens the following window, click Next>.



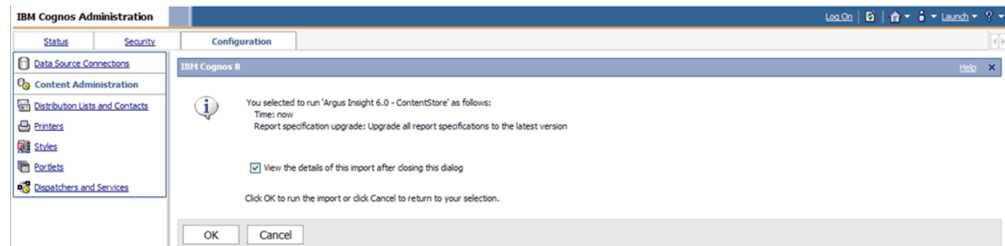
16. When the system opens the following window, click Finish.



17. When the system opens the following window, click the Upgrade all report specifications to the latest version radio button and click Run.



18. When the system opens the following window, click OK.



19. Verify the import as follows:

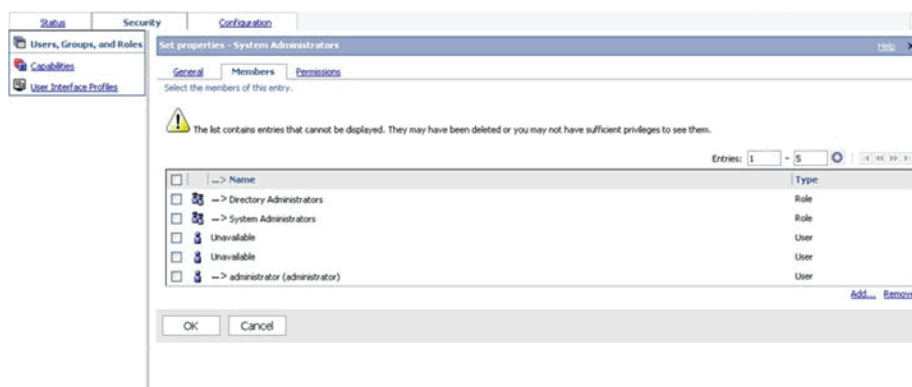
- a. Click **More** corresponding to the newly imported ContentStore.
- b. Click **View run history** to view the deployment history.
- c. Verify that the **Status** column displays the status as Succeeded.
- d. Click **Close** to exit.

20. The repository import is complete.

Configuring Cognos Security

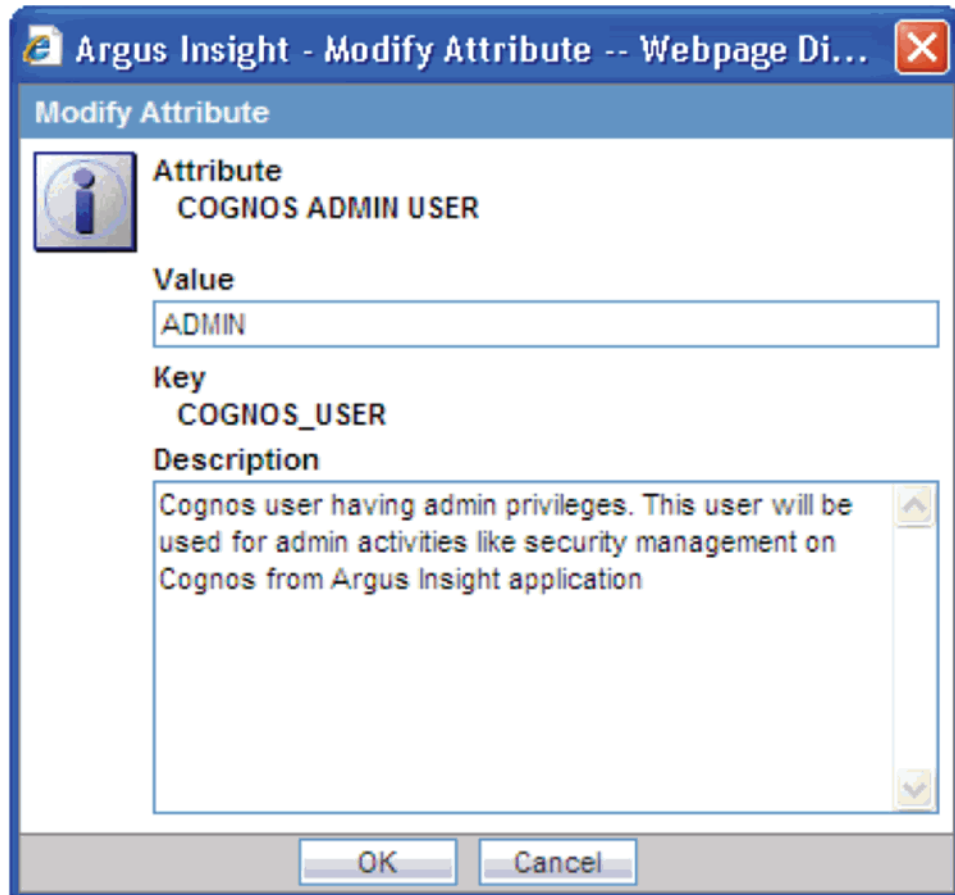
Use the following procedure to configure Cognos Security:

1. Set up an Administrator user in the Cognos environment. An administrative user is an Insight user who is part of system administrator role.

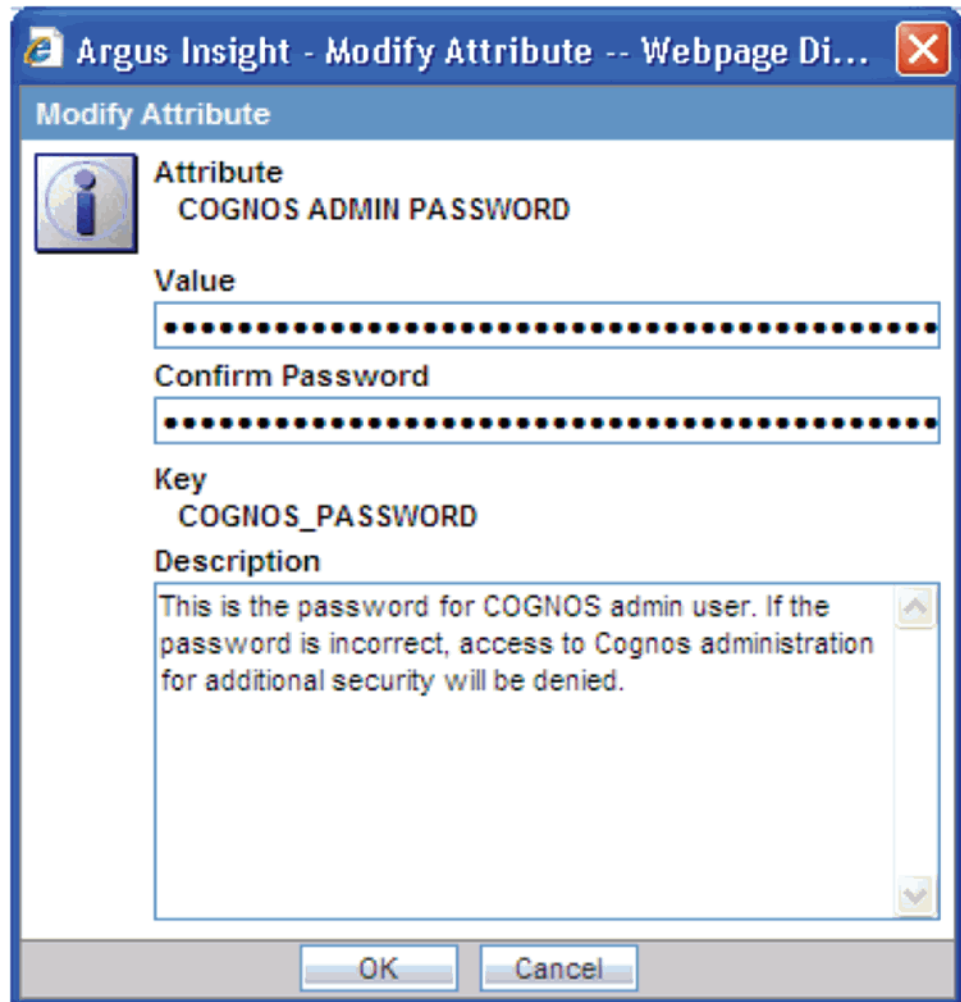


Note: Set up an Administrator user in the Cognos environment. An administrative user is an Insight user who is part of system administrator role.

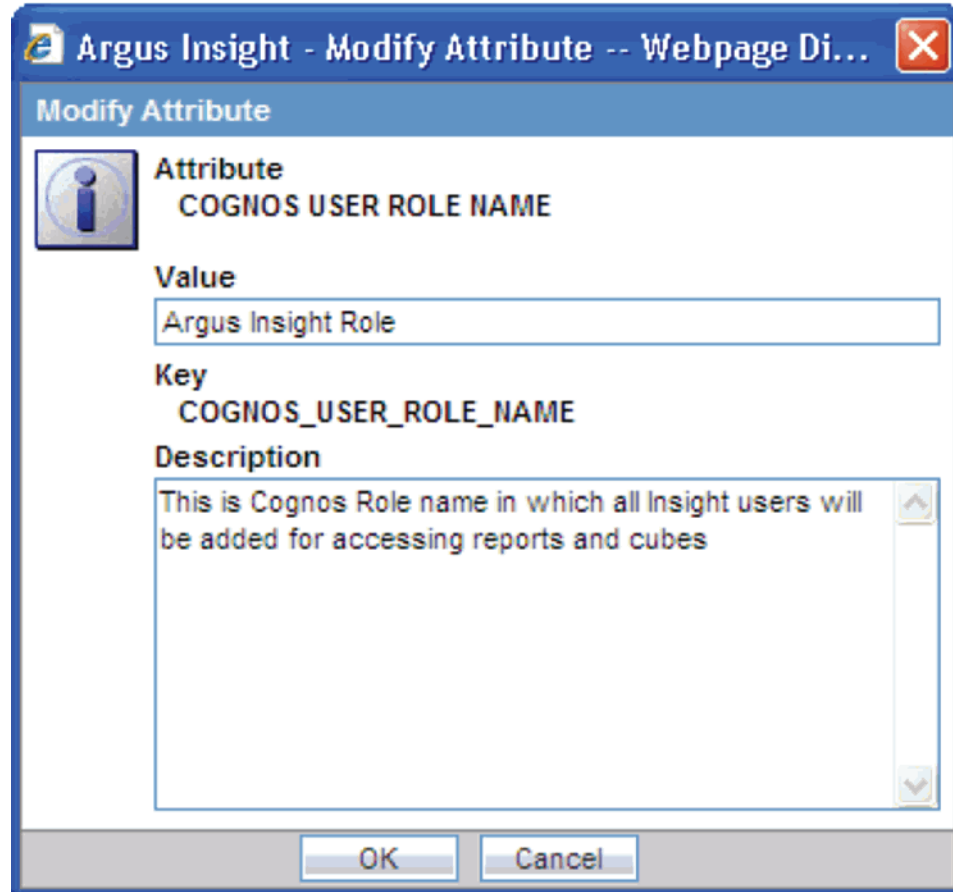
2. Log in to Argus Insight as an admin user.
3. Go to Admin tools.
4. When the system opens the following dialog box, enter the value for Cognos Admin User in the **Value** field. Click **OK**.



5. When the system opens the following dialog box:



- Type the admin password in the **Value** field.
 - For verification, type the admin password in the **Confirm Password** field.
 - Click **OK**.
6. Before configuring Cognos User Role Name, verify that the following List Maintenance entries are configured.
- COGNOS SERVER
 - COGNOS ADMIN USER
 - COGNOS ADMIN PASSWORD
- This role will have all rights required to run various parts of Argus Insight application. All Insight users will become part of this role during their first login.
7. When the system opens the following dialog box, type the Cognos User Role Name you want to create in Cognos environment in the **Value** field. Click **OK**.



8. The system adds the newly configured role to Analysis Users, Query User, and Author roles.

7.1 Editing Sign On and Setting Connection Paths

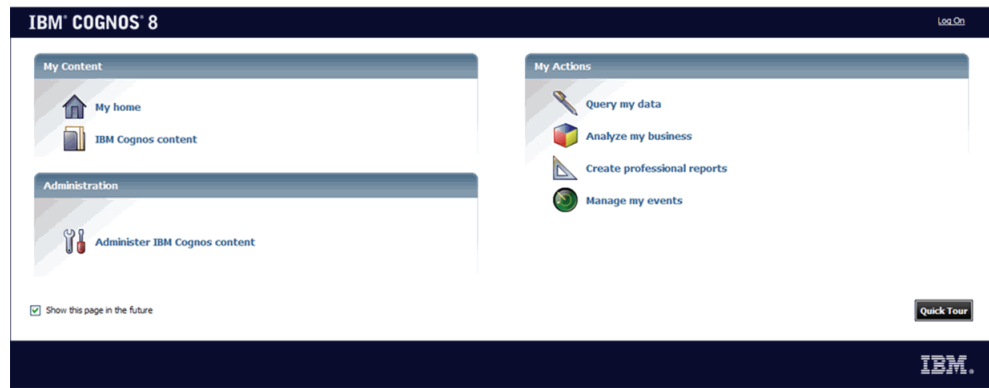
This section provides information about the following:

- [Editing Sign On](#)
- [Setting Cube Datasource Connections](#)
- [Activating the PowerReports Namespace](#)

7.1.1 Editing Sign On

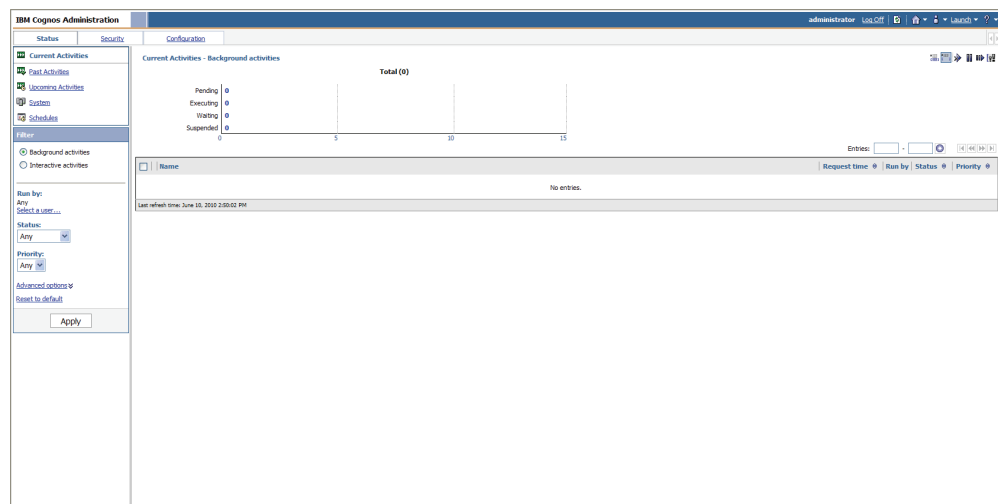
This topic has instructions on importing the content repository to the database.

1. Log on to the Cognos 8 Server as an Admin user.
2. Start Internet Explorer.
3. Enter the URL in the following format and press Enter:`http://<Cognos 8 Server>/cognos8`
4. When the system opens the following window, click **Administer IBM Cognos Content**.



Note: If your security settings on the server do not permit you to view the Cognos connection, add the site URL (<http://<Cognos 8 Server>/cognos8>) to the list of local intranet sites.

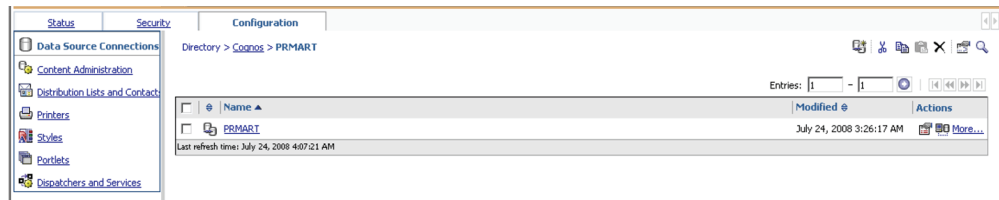
- When the system opens the **IBM Cognos Administration** window, click the **Configuration** tab.



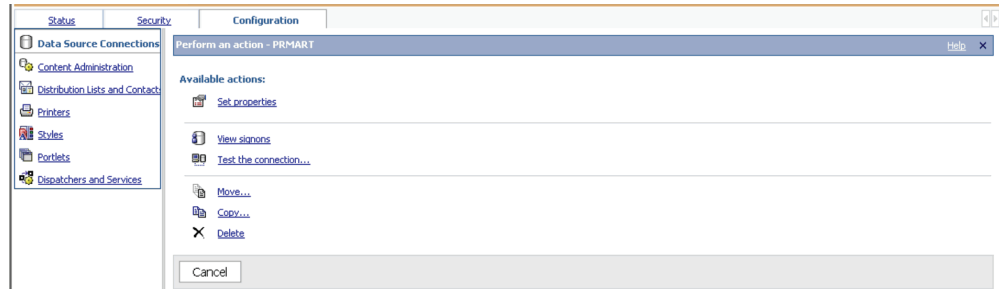
- When the system opens the Data Source Connection window, click PRMART.



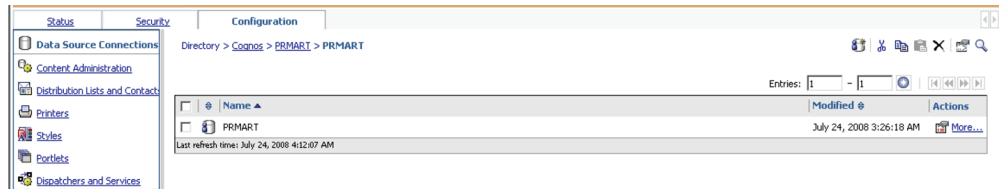
- When the system opens the following window, click More link to the right of the PRMART link.



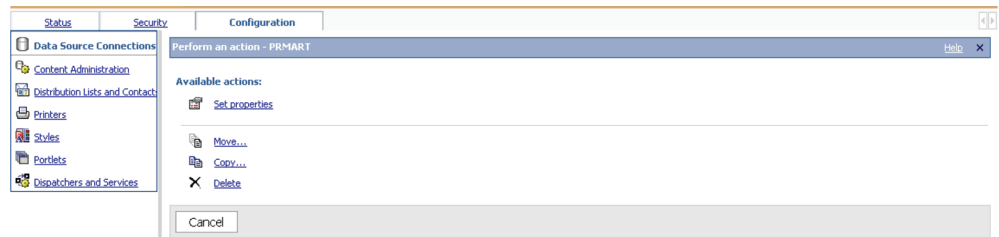
8. When the system opens the following window, click **View signons**.



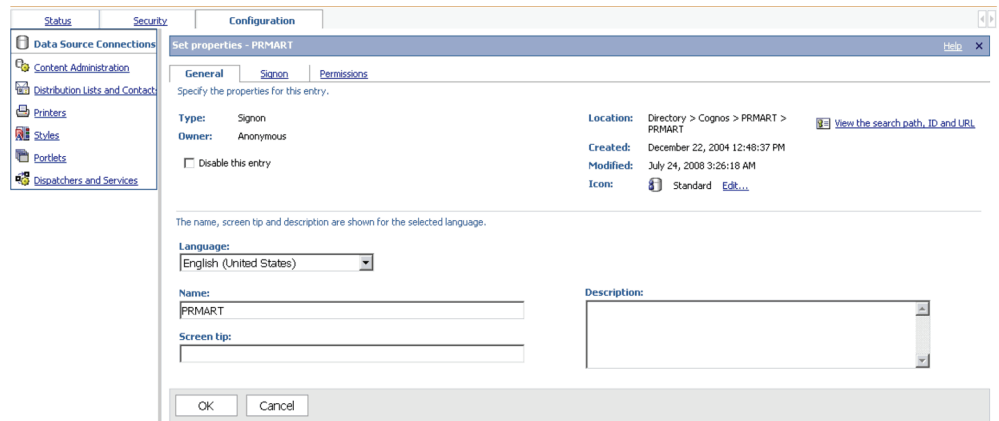
9. When the system opens the following window, click the **More** link.



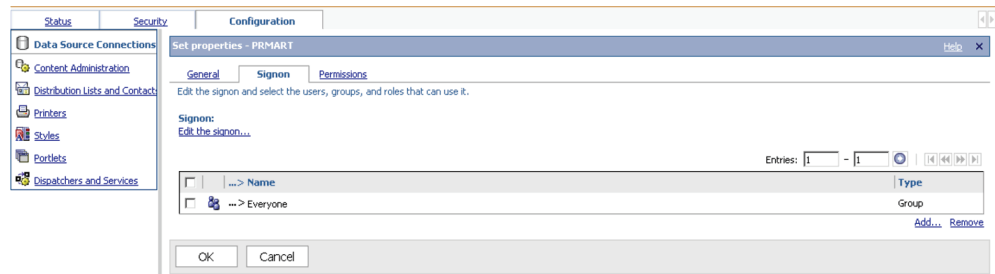
10. When the system opens the following window, click **Set properties**.



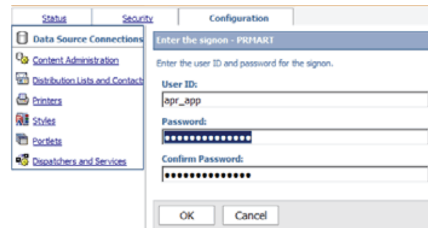
11. When the system opens the following window, click the **Signon** tab.



12. When the system opens the following window, click **Edit the signon . . .**

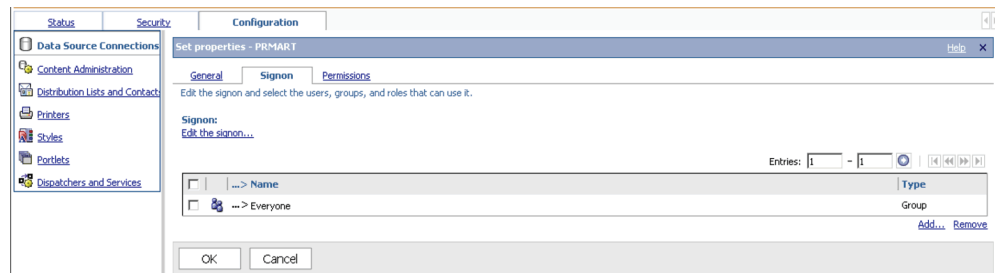


13. When the system opens the following window:

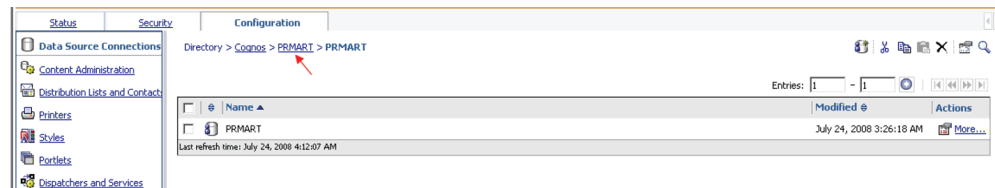


- Type APR_APP user ID in the **User ID** field.
- Type the APR_APP user password in the **Password** field.
- For verification, type the password in the **Confirm Password** field.
- Click **OK** to set the password.

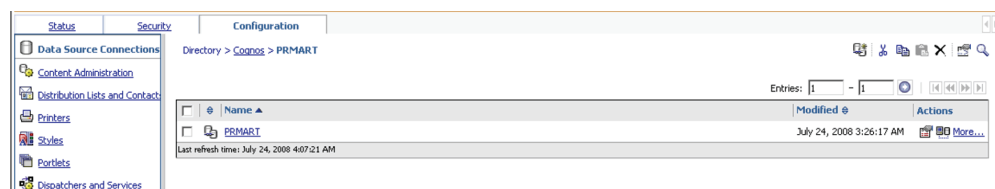
14. When the system opens the following window, click **OK**.



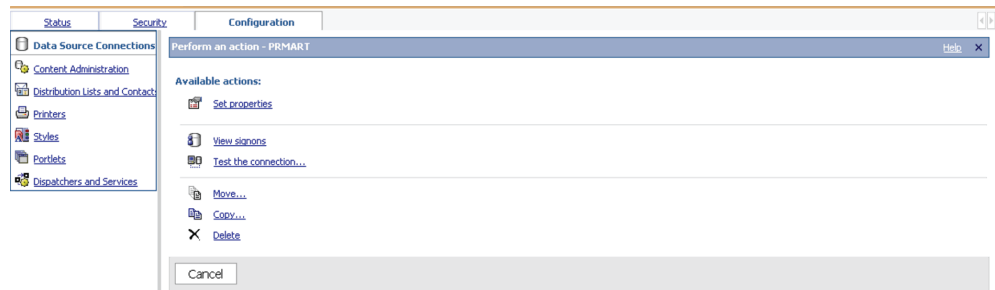
15. When the system opens the following window, click the **PRMART** link.



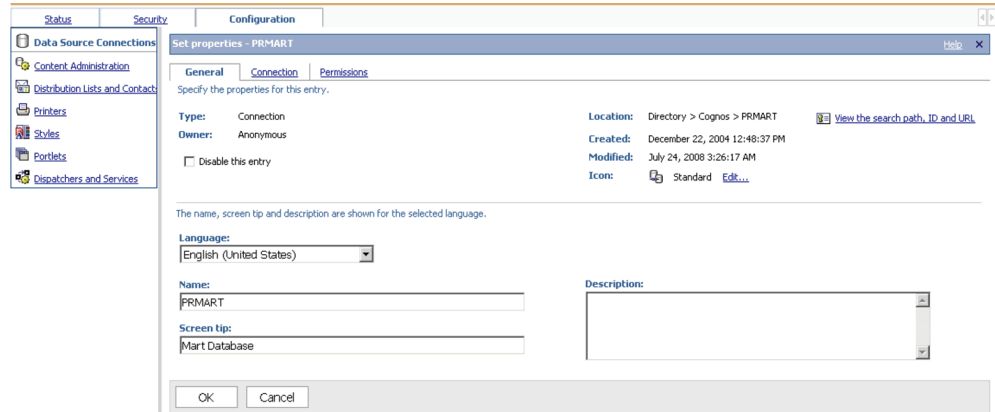
16. When the system opens the following window, click **More**



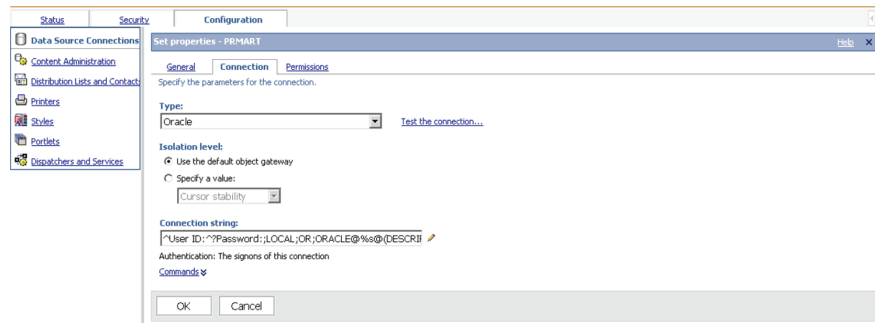
17. When the system opens the following window, click **Set properties**.



18. When the system opens the following window, click the **Connection** tab.



19. When the system opens the following window, click the **pencil icon** to edit the connection string.



Connection string:

`^User ID:^?Password:;LOCAL;OR;ORACLE@%s@(DESCRIF`

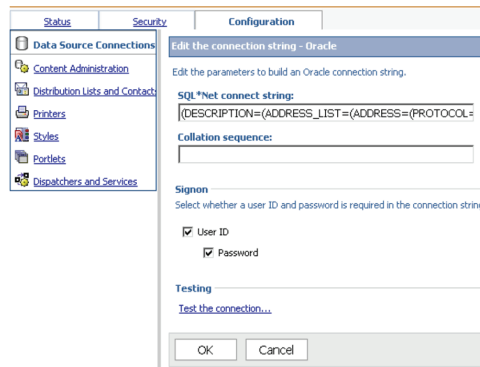
Authentication: The signons of this connection

[Commands](#) ▾



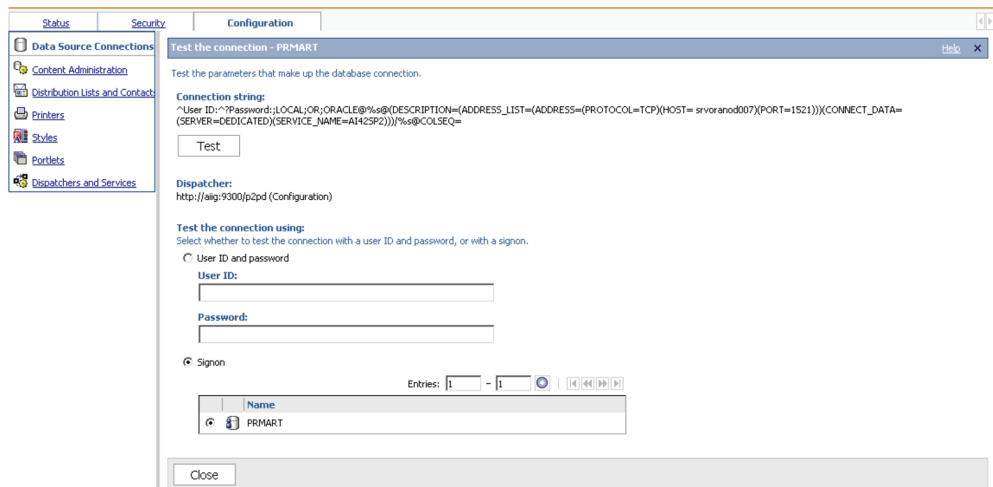
Edit the connection string

20. In the SQL*Net connect string, set the following:

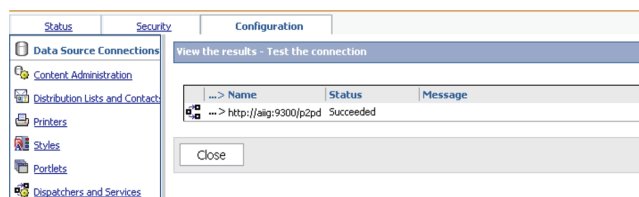


- Set the Host as the Argus Insight Database Server Name.
- Set the Port as the Argus Insight Database Port Number
- Set the Service_Name as the Argus Insight Database Instance Name.
- Click **Test the connection**.

21. When the system opens the following window, click **Test**.



22. When the system opens the following window, click **Close**.



23. Click **Close** on the screen that gets displayed.

24. Click **OK**.

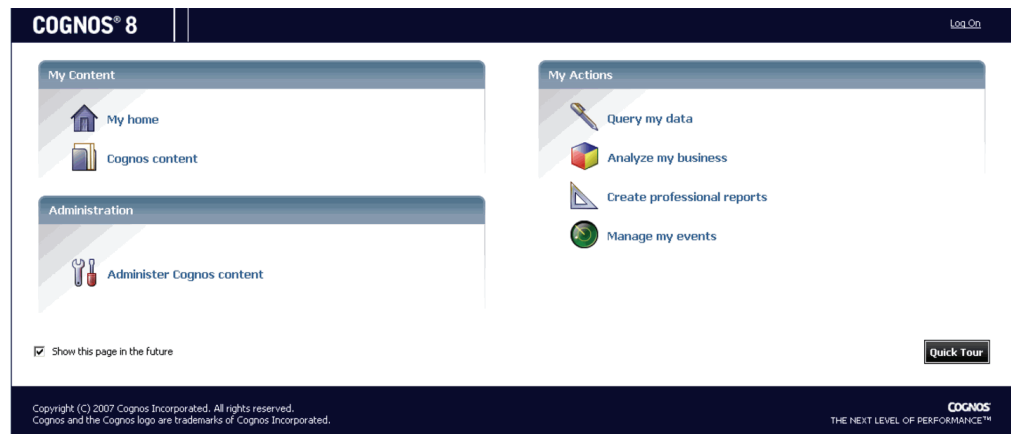
25. Click **OK** on the screen that gets displayed.

7.1.2 Setting Cube Datasource Connections

This topic has instructions on changing the Cubes Connection Path:

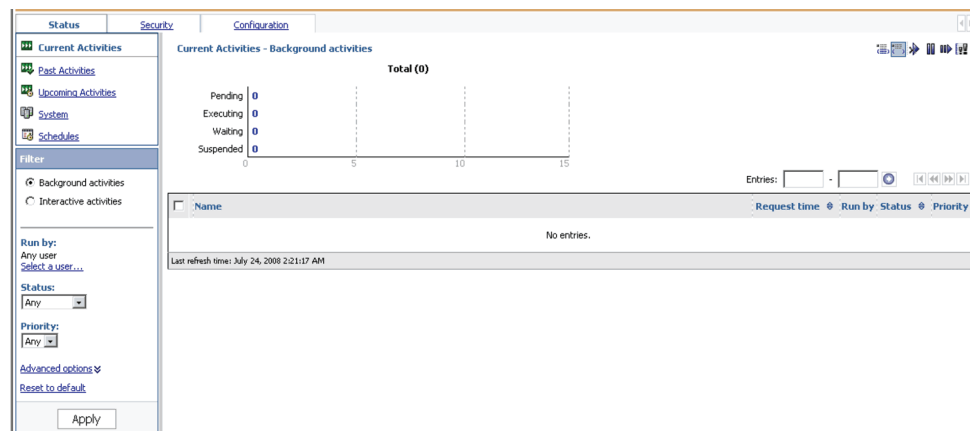
Use the following procedure for Changing the Cube Path in DataSource (Not Required for Cognos Series 7 customers). Make the following changes to all the cubes present in the datasource directory except PRMART.

1. Log on to the Cognos 8 Server as an Admin user.
2. Start Internet Explorer.
3. Enter the URL in the following format `http://<Cognos 8 Server>/cognos8`. Press **Enter**.
4. When the system opens the following window, click **Administer Cognos content**.

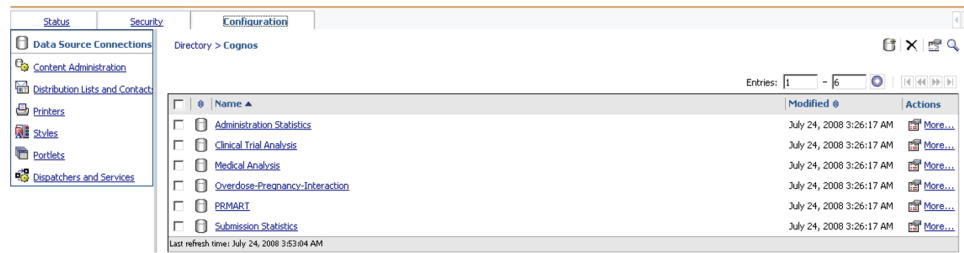


Note: If your security settings on the server **do not permit** you to view the Cognos connection, add the site URL (`http://<Cognos 8 Server>/cognos8`) to the list of local intranet sites.

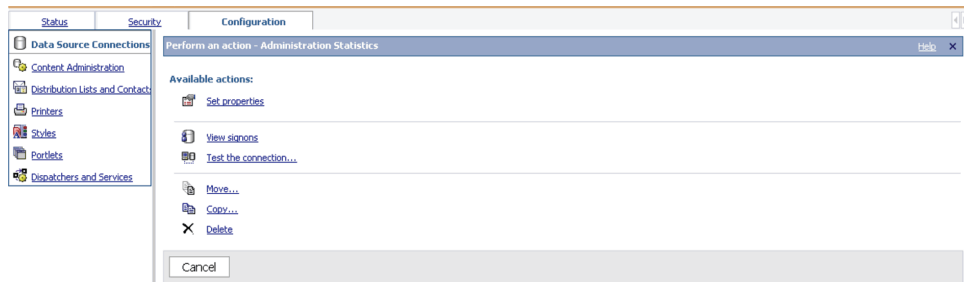
5. When the system opens the Cognos Administration window, click the **Configuration** tab.



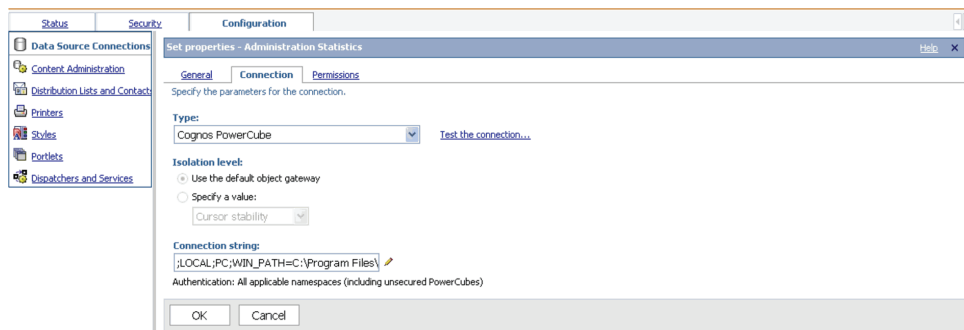
6. When the system opens the Data Source Connection window, click a Cube Name.



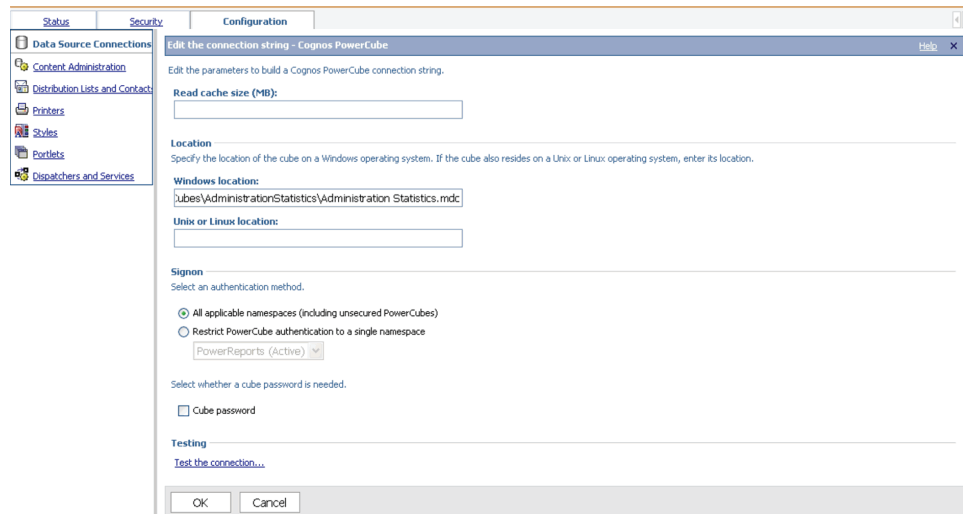
7. Click the Cube Name (such as Administration Statistics).
8. Click the More . . . link.
9. When the system opens the following window, click **Set properties**.



10. Click the Connections tab.
11. When the system opens the **Connections** tab:



- Edit the **Connection String** for the cube (Give the path of your installation directory).
 - Click the **pencil icon** to edit the **Connection String**
12. When the system opens the following window:

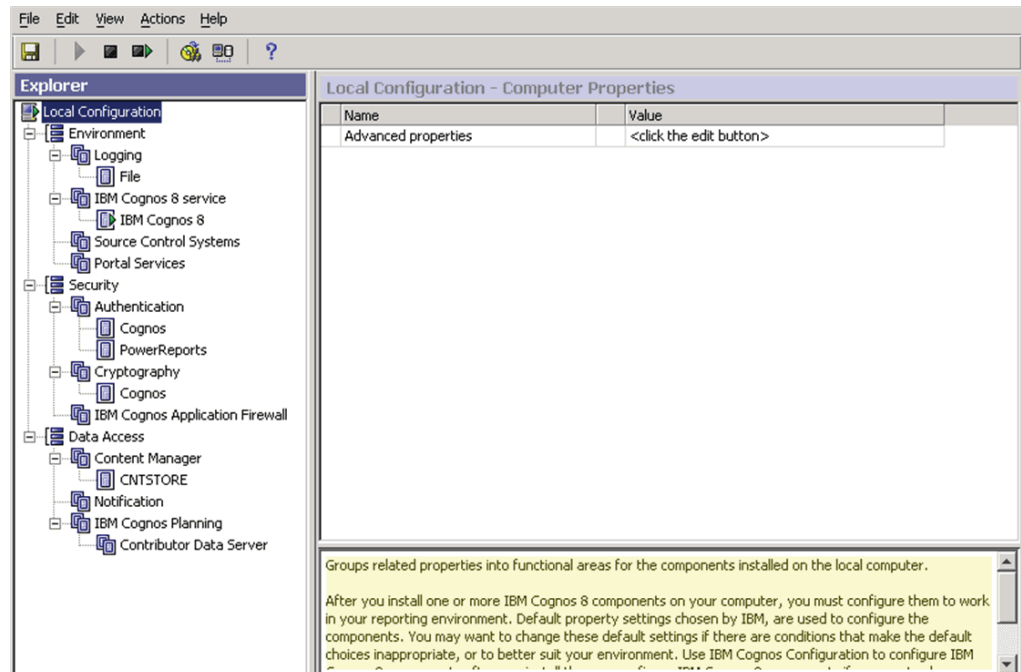


- In the **Windows Location**, enter the following path <Argus Insight installation Directory>/ArgusInsight/Cognos/PPES/<Cube Folder Name>/<CubeName>.mdc
- Click **Test the connection**.
- Click **OK** to apply the changes.

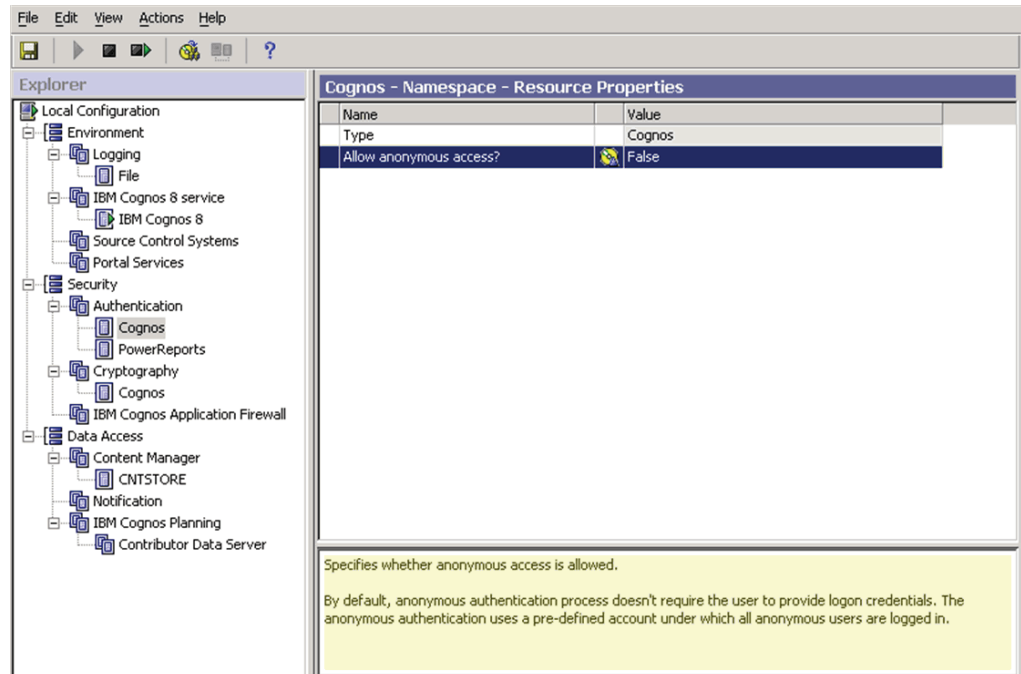
7.1.3 Activating the PowerReports Namespace

Use the following procedure to activate the PowerReports Namespace.

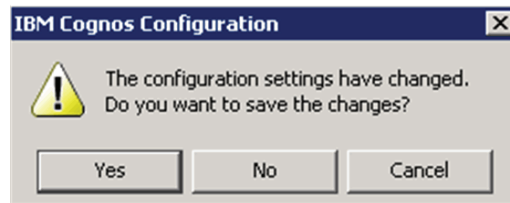
1. Open the Cognos 8 configuration.
2. Go to Start > Programs > Cognos 8 > Cognos Configuration.
3. When the system opens the **Cognos Configuration** window, select **Security>Authentication>Cognos**.



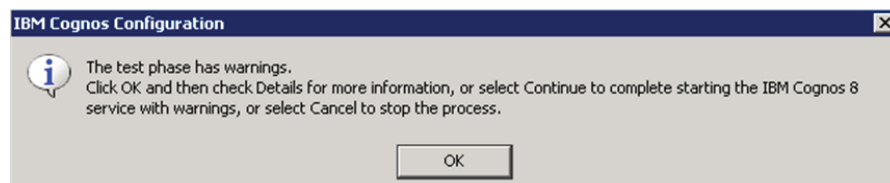
- When the system opens the following window, go to the right pane and set **Allow Anonymous access?** to **False**.



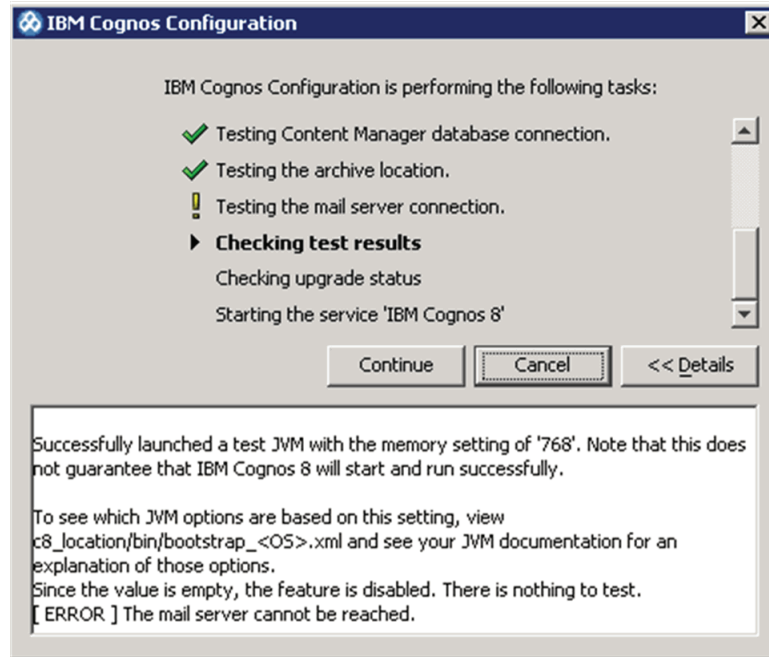
- Click **Actions > Restart** to restart the Cognos 8 service.
- When the system opens the confirmation dialog box, click **Yes** to save the modified configuration settings. Click **Yes**.



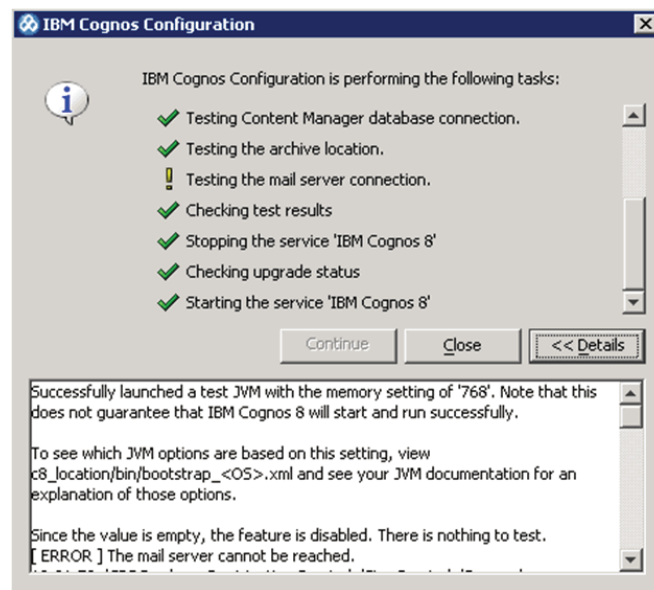
- If any warnings exist, the following screen may appear during the Cognos service restart. If the warnings appear to be the result of a mail server connection failure, click **OK** to ignore the warnings and continue.



- Ignore the warning if it appears due to mail server connection failure, as shown in the following dialog box.



9. Click **Continue** to ignore the Mail Server Connection Warning displayed above. If the warning(s) appear due to reasons other than mail server connection failure, please check your configuration again.
10. When the system opens the following dialog box, click **Close** to exit the Cognos configuration.



Note: Make sure that you remove the **Everyone** user group from the **Directory Administrator** and **System Administrator** roles of Cognos. Before doing this, make sure that you have a valid user as part of the **System Administrator** role in Cognos.

Configuring Cognos Cubes

This chapter provides information about the following:

- [Setting Up Cognos 8 Cubes](#)
- [Configuring Cognos Cubes](#)
- [Configuring IIS and Drill-Through on the Cube Server](#)
- [Setting Up Batch Generation for Cubes](#)
- [Additional Cubes Configuration](#)

8.1 Setting Up Cognos 8 Cubes

This section is intended for the use of Cognos 8 users. If you are using Cognos Series 7.4 software, this section is not required.

Use this procedure to schedule the process that generates Cubes-on-the-fly.

1. In the Cognos 8 Server, go to <Argus Insight Directory>\ArgusInsight\Cognos\Cubes\PublishDemandCube folder.
2. In the **DemandPublish.bat** and **DemandSource.bat** files, set the following:
 - a. JAVA_Home to the Java_Home path on the Cognos 8 server.
 - b. JAR_Home to your <Argus Insight Directory>\ArgusInsight\Cognos\Cubes\PublishDemandCube\lib

```

DemandPublish - Notepad
File Edit Format View Help
@echo off

rem Copyright 2005 Cognos Incorporated. All Rights Reserved.
rem Cognos and the Cognos logo are trademarks of Cognos Incorporated.

rem Build Java files in directory ExecReports

rem CHANGE the following environment variable to point to the Java Development Kit
rem on your system.
rem Change the java home for JRE home
set JAVA_HOME=C:\Program Files\cognos\c8\bin\jre\1.5.0
set CRN_HOME=../../..
rem Build the CLASSPATH required to build Java files in ExecReports

set JAR_HOME="C:\Program Files\ReIsys\ArgusInsight\Cognos\Cubes\PublishDemandCube\lib"
set JAVAC=%JAVA_HOME%/bin/javac
set JAVA=%JAVA_HOME%/bin/java

rem Create the Classpath

set CLASSPATH=
rem set CLASSPATH=%CLASSPATH%;%JAVA_HOME%/lib/tools.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/axis.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/axisCognosClient.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/commons-discovery.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/commons-logging.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/jaxrpc.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/saaj.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/xml-apis.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/xercesImpl.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/dom4j.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/xalan.jar

rem Compile Java files
@echo on
"%JAVA%" -classpath .;%CLASSPATH% %1 %2 %3 %4 %5 %6 %7 %8

```

```

DemandSource - Notepad
File Edit Format View Help
@echo off

rem Copyright 2005 Cognos Incorporated. All Rights Reserved.
rem Cognos and the Cognos logo are trademarks of Cognos Incorporated.

rem Build Java files in directory ExecReports

rem CHANGE the following environment variable to point to the Java Development Kit
rem on your system.
rem Change this to JRE home path
set JAVA_HOME=C:\Program Files\cognos\c8\bin\jre\1.5.0
set CRN_HOME=../../..
rem Build the CLASSPATH required to build Java files in ExecReports

set JAR_HOME="C:\Program Files\ReIsys\ArgusInsight\Cognos\Cubes\PublishDemandCube\lib"
set JAVAC=%JAVA_HOME%/bin/javac
set JAVA=%JAVA_HOME%/bin/java

rem Create the Classpath

set CLASSPATH=
rem set CLASSPATH=%CLASSPATH%;%JAVA_HOME%/lib/tools.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/axis.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/axisCognosClient.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/commons-discovery.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/commons-logging.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/jaxrpc.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/saaj.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/xml-apis.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/xercesImpl.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/dom4j.jar
set CLASSPATH=%CLASSPATH%;%JAR_HOME%/xalan.jar

rem Compile Java files
@echo on
"%JAVA%" -classpath .;%CLASSPATH% %1 %2 %3 %4 %5 %6 %7 %8

```

3. Save both files and exit.
4. Go to <Argus Insight Directory>\ArgusInsight\Cognos\Cubes\BatchGeneration-Cubes folder.
5. Open the **GenerateCubes.cfg** file.

```

GenerateCubes.cfg - Notepad
File Edit Format View Help
'This is configuration file for batch generation of cubes'
For Series 8, port number used will be 8010 and CognosPath would be ../Cognos\cer5\bin

ArgusInsightPath=C:\Program Files\Oracle\ArgusInsight
CognosPath=C:\Program Files\Cognos\cer5\bin
ServerName=AIPPS74:8010
CubeSaveDir=C:\Program Files\Oracle\ArgusInsight
CubeDataSourceDir=C:\Program Files\Oracle\ArgusInsight

```

6. Set the following parameters in the **GenerateCubes.cfg** file:

Parameter	Description
ArgusInsightPath	This is the Argus Insight installation path; include the ArgusInsight folder in the string: <Argus Insight Installation path> \ArgusInsight
CognosPath	This is the location of the Cognos 8 installation bin folder: <Cognos 8 installation path> \c8\bin
ServerName	This is the name or IP address of the Cognos 8 server. If the Cognos 8 server is running on a port other than the default port, then the parameter values should be entered in this format: ServerName:PortNumber . For example, Cog8Server:9300
CubeSaveDir	This is the path of the Argus Insight installation directory. This provides the path for saving the cube output files on their exact location.
CubeDataSourceDir	This is the path of the Argus Insight installation directory. This provides the path for the datasource files which are used for cube generation.

Note: Although the paths may contains whitespaces, make sure there is no white space between the parameter name, the "=" sign, and the value.

7. Save and close the configuration file.
8. Go to the <Cognos8 installation path> \c8\configuration folder and open the cogtr.xml file.

```

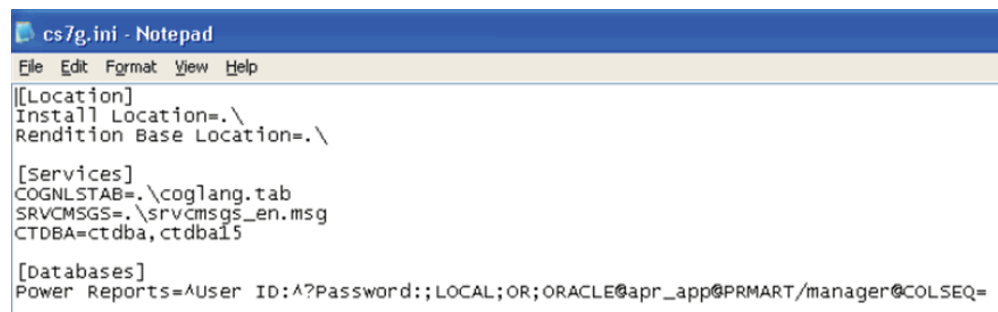
cogtr - Notepad
File Edit Format View Help
<?xml version="1.0" encoding="UTF-8"?>
<Settings>
  <Section Name="Transformer">
    <Preference Name="PowerPlayPath" type="string" value="../cer5\bin\PwrPlay.exe"/>
  </Section>
</Settings>

```

9. Modify this file to set the following parameters:
10. The following table describes the new parameters in this file:

Parameter	Description
CubeSaveDirectory	This is the path of the Argus Insight installation directory. This provides the relative path for saving the cube output files on their exact location.
DataSourceDirectory	This is the path of the Argus Insight installation directory. This provides the relative path for the datasource files which are used for cube generation.
DataWorkDirectory	Any path on the Cognos 8 server, which will be used to store some temporary files during cube generation.
LogFileDirectory	Any path on the Cognos 8 server, where all the cube generation log files will be saved.
ModelSaveDirectory	This is the path of the Argus Insight installation directory. This provides the relative path for saving the cube model files during cube generation.
ModelWorkDirectory	Any path on the Cognos 8 server, which will be used to store some temporary files during cube generation.

- Go to the <Cognos8 installation path>\c8\cs7Gateways\bin folder and open the cs7g.ini file.



```

cs7g.ini - Notepad
File Edit Format View Help

[[Location]
Install Location=.\
Rendition Base Location=.\

[Services]
COGNLSTAB=.\coglang.tab
SRVCMGS=.\srvcmgs_en.msg
CTDBA=ctdba,ctdba15

[Databases]
Power Reports=^User ID:^?Password;;LOCAL;OR;ORACLE@apr_app@PRMART/manager@COLSEQ=

```

- Add the following configuration item in the cs7g.ini file:

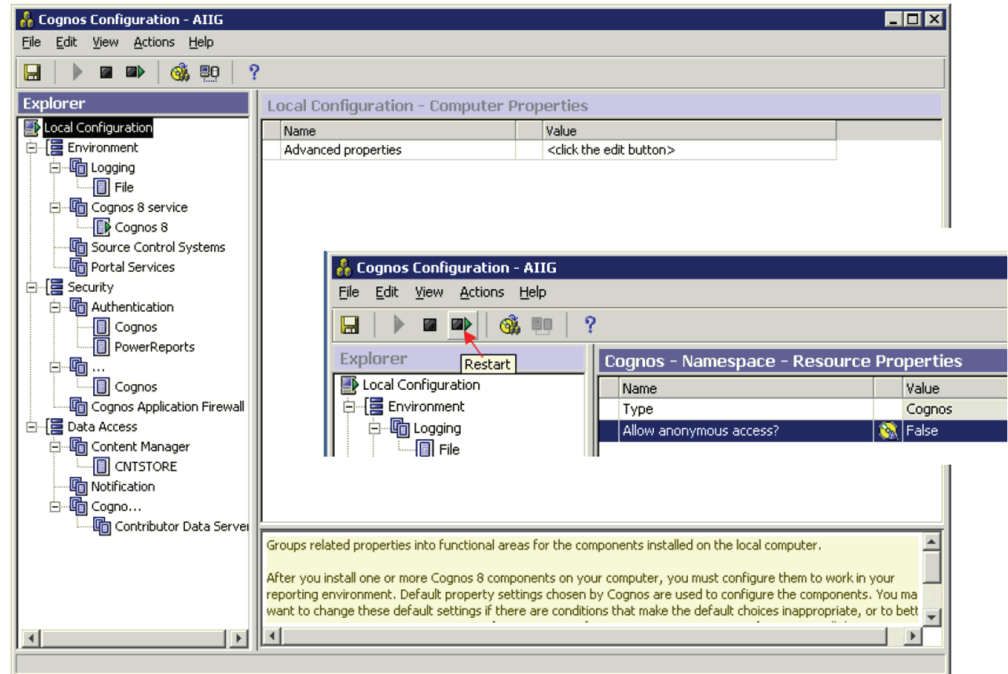
```
[Databases]
```

```
Power Reports=^User ID:^?Password;;LOCAL;OR;ORACLE@apr_app@PRMART/manager@COLSEQ=
```

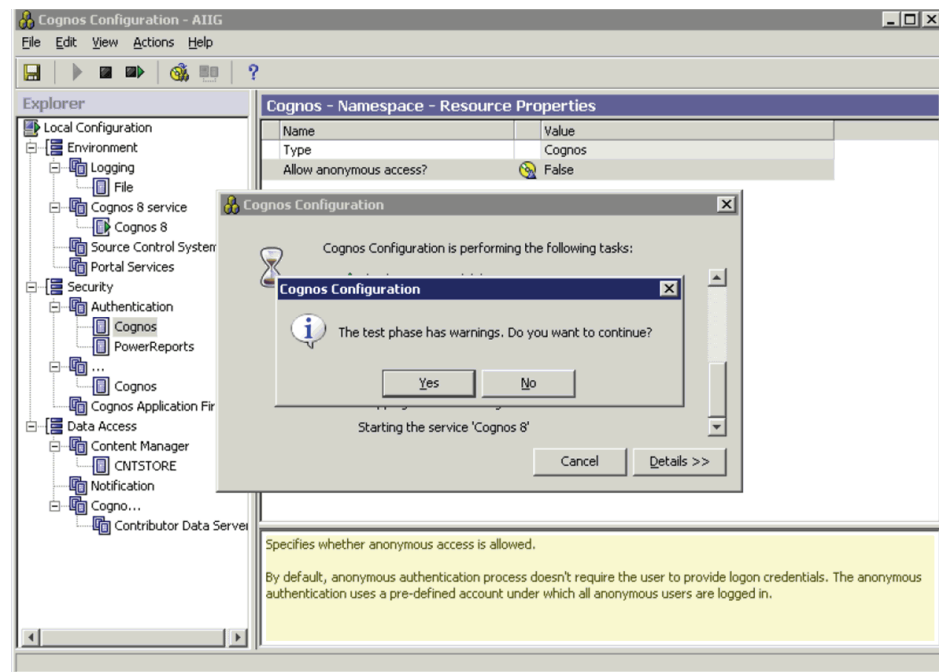
where:

- APR_APP is the DataMart Application Owner
- PRMART is the Alias Name for the Argus Insight DataMart
- Manager is the Password for the APR_APP user.

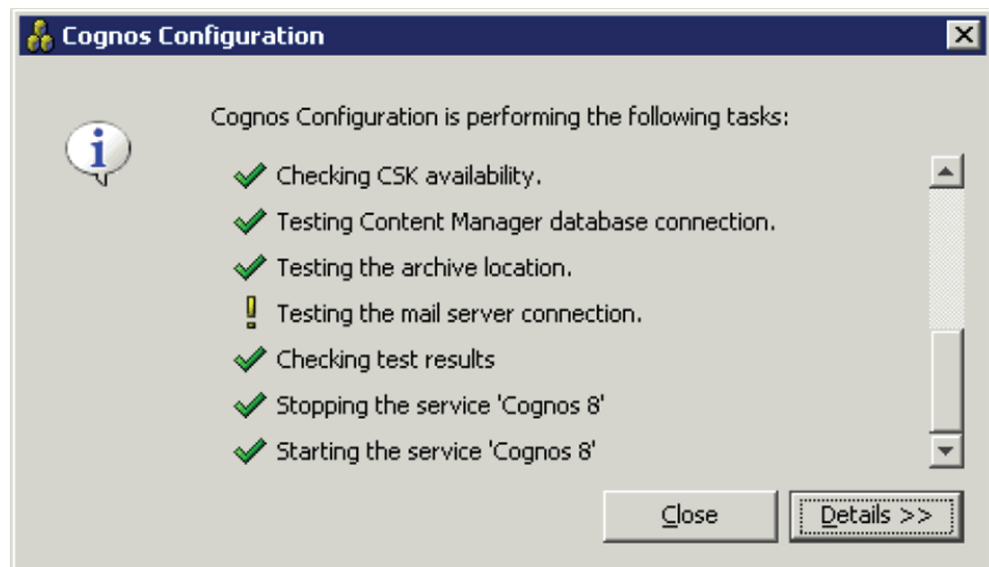
- Save the file and exit.
- Go to Start > Programs > Cognos 8 > Cognos Configuration.
- When the system opens the **Cognos Configuration** window appears, click **Restart** to restart the Cognos 8 service.



16. If any warnings exist during the Cognos service restart, the following screen may appear. Click **Yes** to ignore these warning if they appear to be the result of a mail server connection failure.



17. When the system opens the following dialog box, click Close to exit the Cognos configuration.

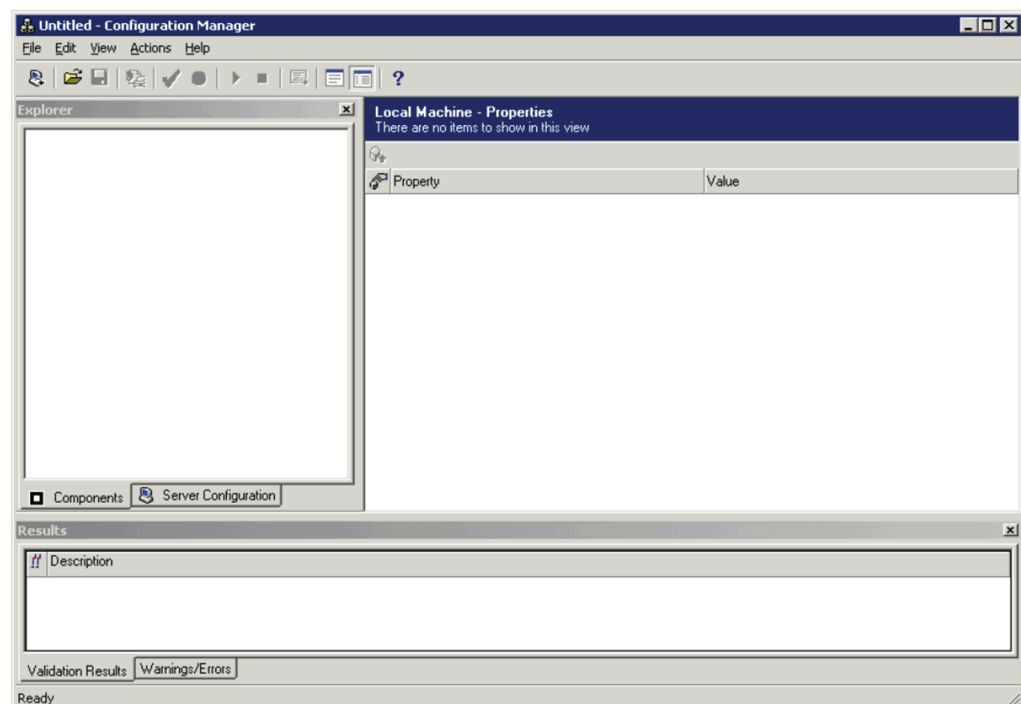


8.1.1 Configuring the PowerPlay Enterprise Server

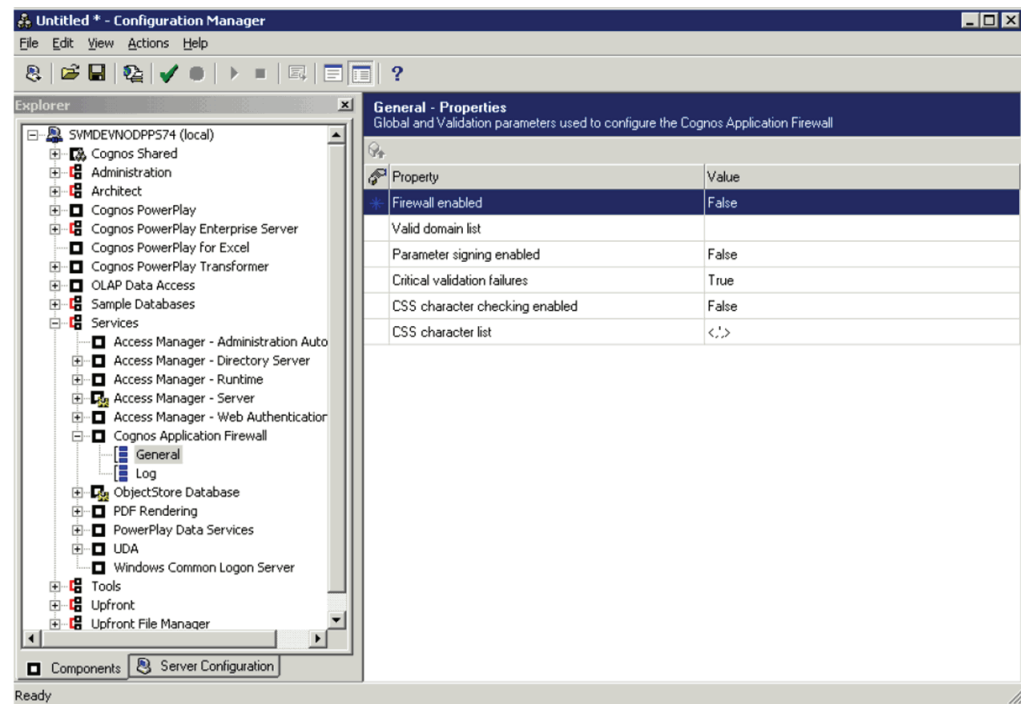
This section is for the user of Cognos Series 7.4 users. If you are using Cognos Series 8 software, this section is not required. Use the following procedure to configure the PowerPlay Enterprise Server. Follow the installation procedures in the order in which they appear.

8.1.1.1 Configuring Cognos Cubes

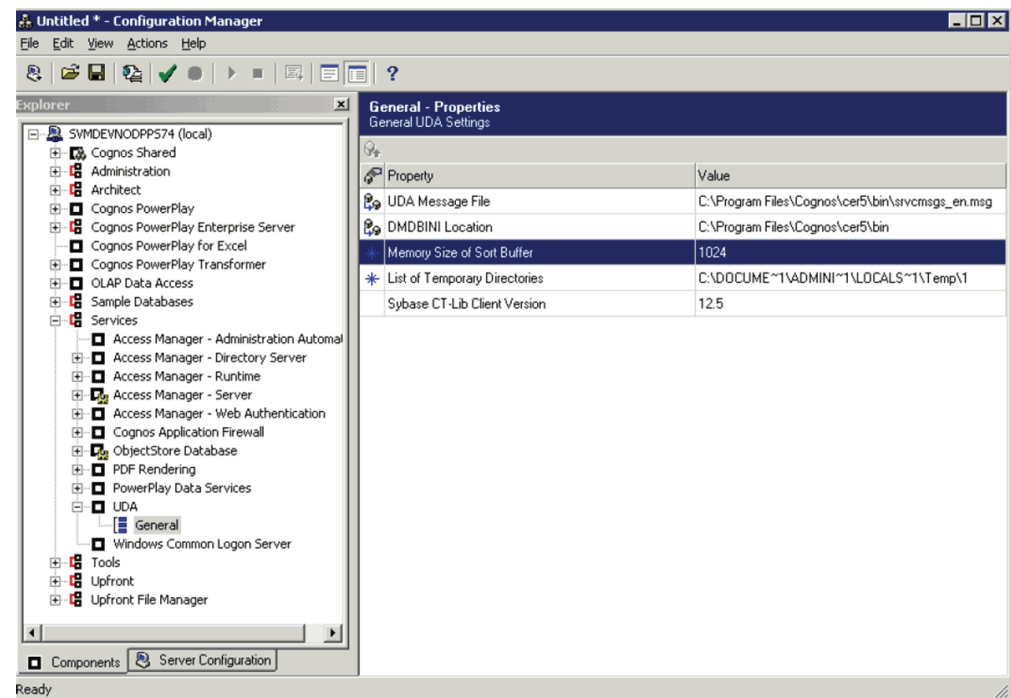
1. Select Start> Program > Cognos Series 7 Version 4 > Tools > Configuration Manager.
2. When the system opens the following window, select **File>Open Current Configuration**.



3. When the system opens the following window:



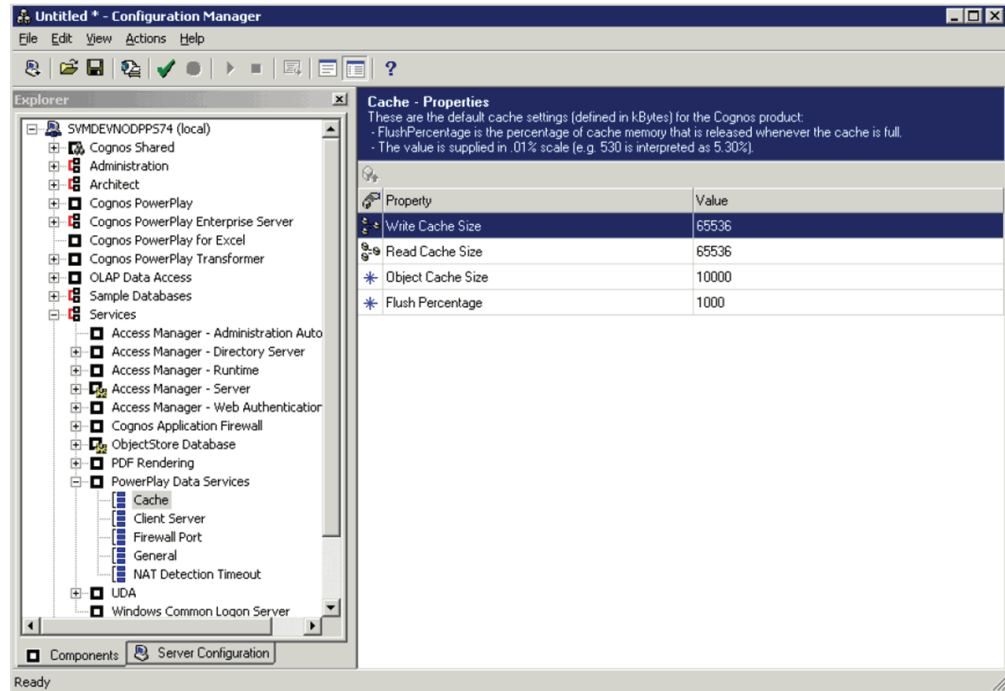
- Select the Services > Cognos Application Firewall > General control tree item in the left pane.
 - In the right pane, verify that **Firewall enabled** is set to **False**
4. Open Configuration Manager and go to **Services -> UDA->General**:



- Set the window view to **Advanced** to view the properties.

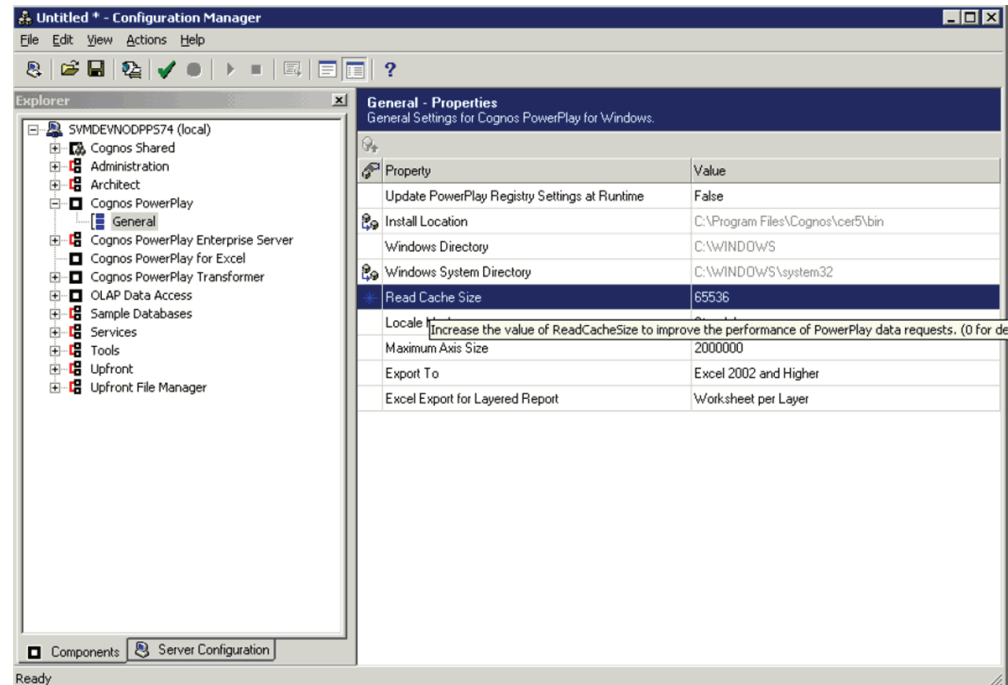
- Set Memory Size of Sort Buffer = 1024
- Set the List of Temporary Directories to a system drive with approximately 20 GB of free space.

5. Select **Services->PowerPlay Data Services->Cache**.



- Set Write Cache Size = 65536.
- Set Read Cache Size = 65536.
- Set Object Cache Size = 10000.
- Set Flush Percentage = 1000.

6. Select **Cognos PowerPlay->General**.



- Set Read Cache Size to 65536
7. Add the Fetch Number of Rows value to the <PPES installation directory>\cer5\Bin\Cogdmor.ini file:
 8. Fetch Number of Rows=100
 9. Add the following text in Cognos.ini, located at <PPES installation directory>:
 10. Power Reports=^User
ID:^?Password:;LOCAL;OR;ORACLE@%s@PRMART/%s@COLSEQ=
 11. Open <PPES installation directory>\cer5\Data\Bin\trnsfrmr.ini file and set the MultiFileCubeThreshold key to the following value:
 - MultiFileCubeThreshold=10000000

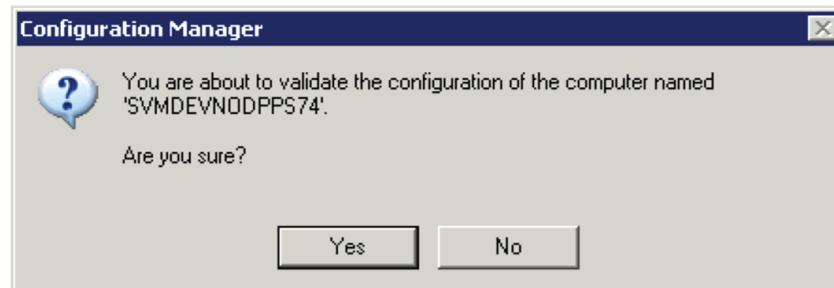
Note: If the trnsfrmr.ini file is not present at the specified location, open the Transformer from Start>Programs>Cognos Series 7 Version 4> Tools.

12. Set the path for **Cubes**.
13. Add or edit the values of following entries in **trnsfrmr.ini** located at following location:

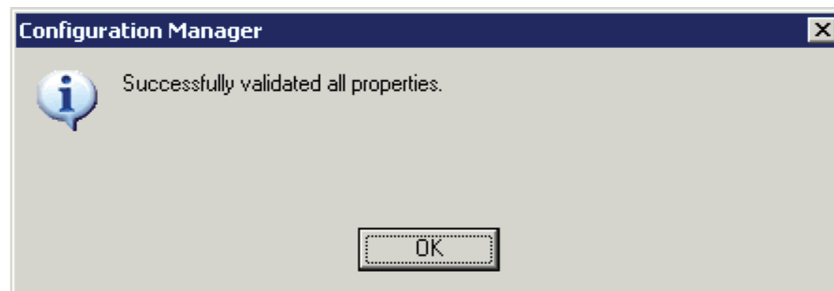
<PPES installation Directory>\Cer5\Data\Bin\trnsfrmr.ini

- DataSourceDirectory=<Argus Insight installation Directory>\ArgusInsight\
- CubeSaveDirectory=<Argus Insight installation Directory>\ArgusInsight\
- ModelSaveDirectory=<Argus Insight installation Directory>\ArgusInsight\
- DataWorkDirectory= any Directory which exists on system. Eg.c:\Temp1
- ModelWorkDirectory= any Directory which exists on system. Eg.c:\Temp1

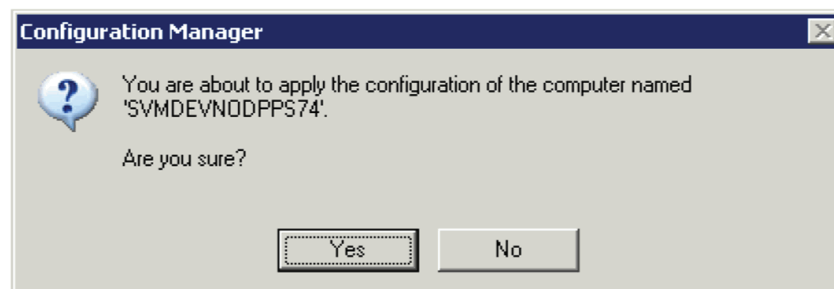
- LogFileDirectory=c:\temp\cubes\logs. This directory will contain all the logs for cube generation
14. Select the machine name from the left pane.
 15. Select Actions > Validate Selection from the menu bar.
 16. When the system opens the following dialog box, click **Yes**.



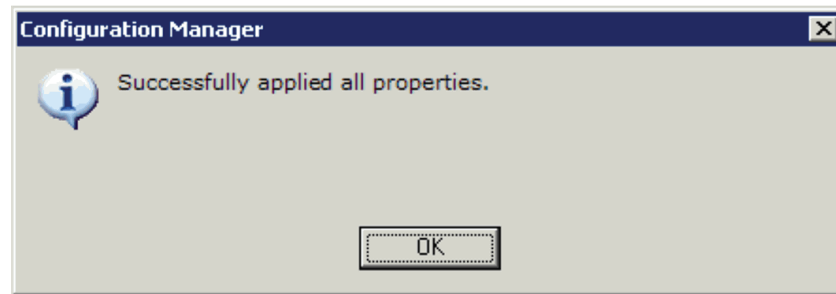
17. When the system opens the following dialog box, click **OK**.



18. Select Actions > Apply Selection.
19. When the system opens the following dialog box, click **Yes**.



20. When the system opens the following dialog box, click **OK**.

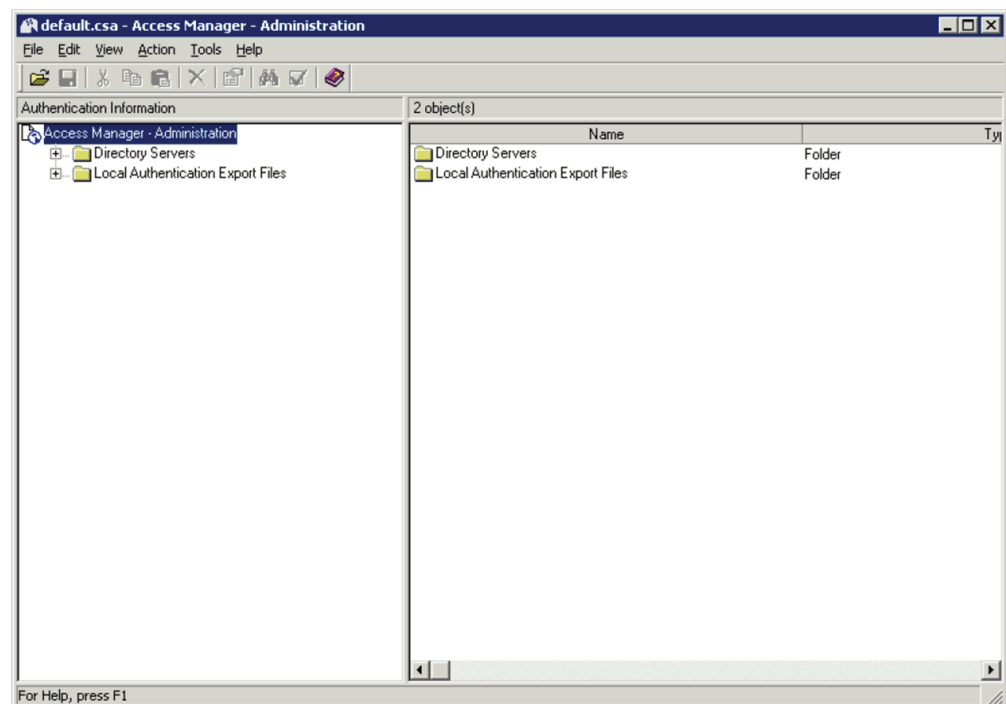


21. Select File > Exit.

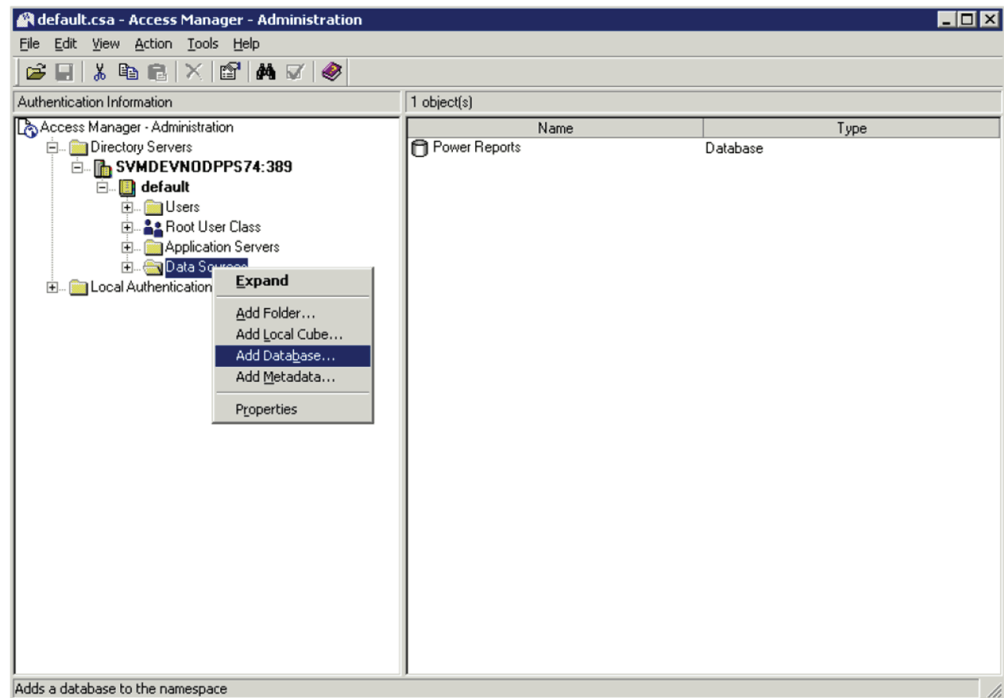
8.1.1.1.1 Cubes Configuration

Use the following procedure to configure cubes.

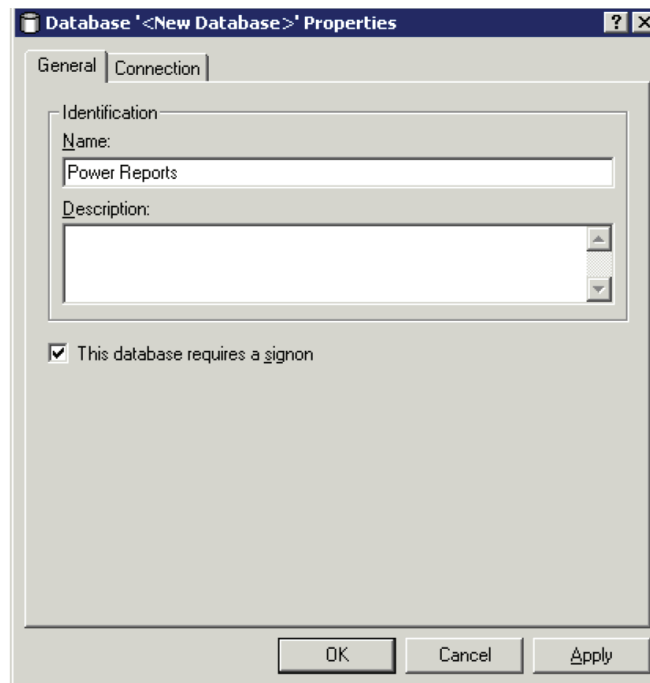
1. Select Start > Program > Cognos Series 7 Version 4 > Tools > Access Manager Administration.
2. When the system opens the Access Manager- Administration window



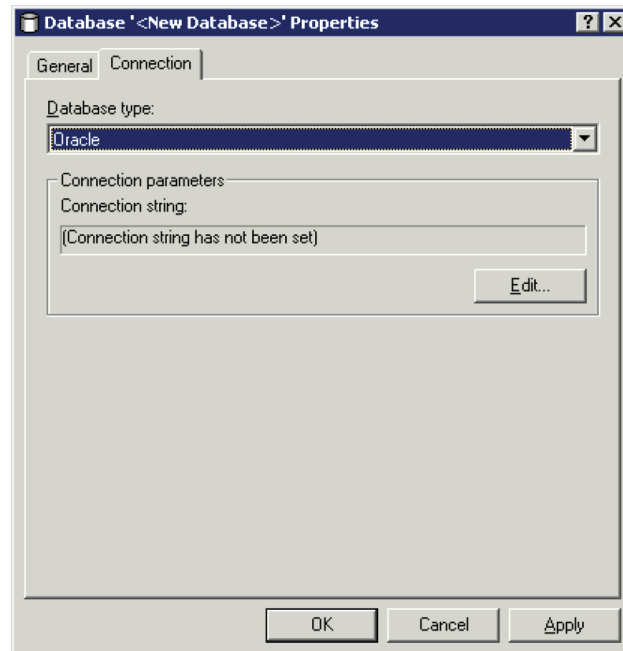
- Expand the Directory Servers folder and click **Server Name>Default**.
 - Enter the User name and Password, if prompted to do so.
3. When the system opens the following window, right click **Data Source> Add Database** to add a new database.



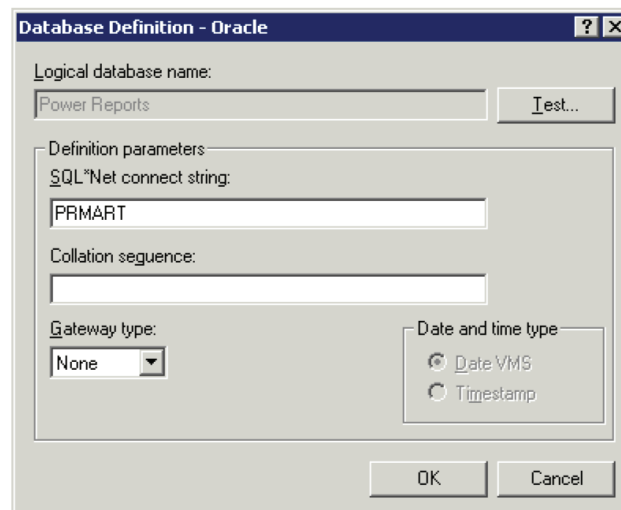
4. When the system opens the following dialog box:



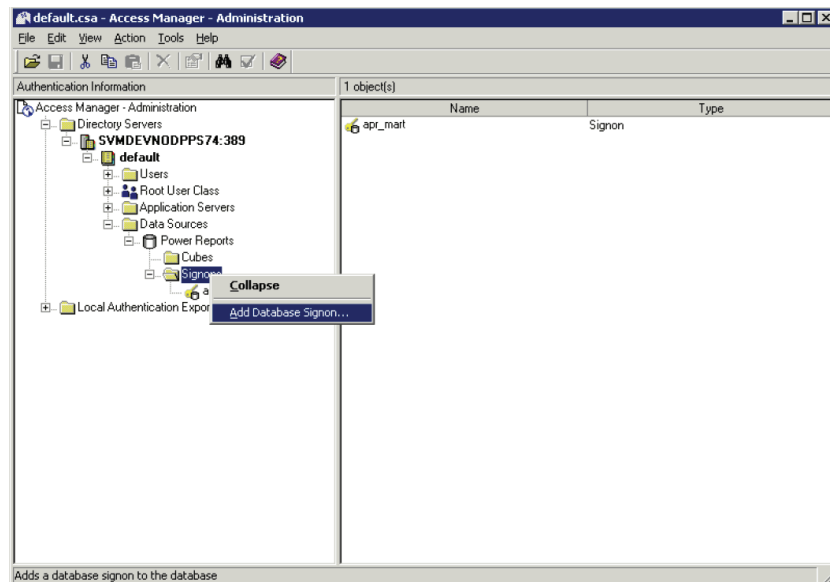
- Type **Power Reports** in the **Name** field.
 - Click the **Connection** tab.
5. When the system opens the **Connection** tab:



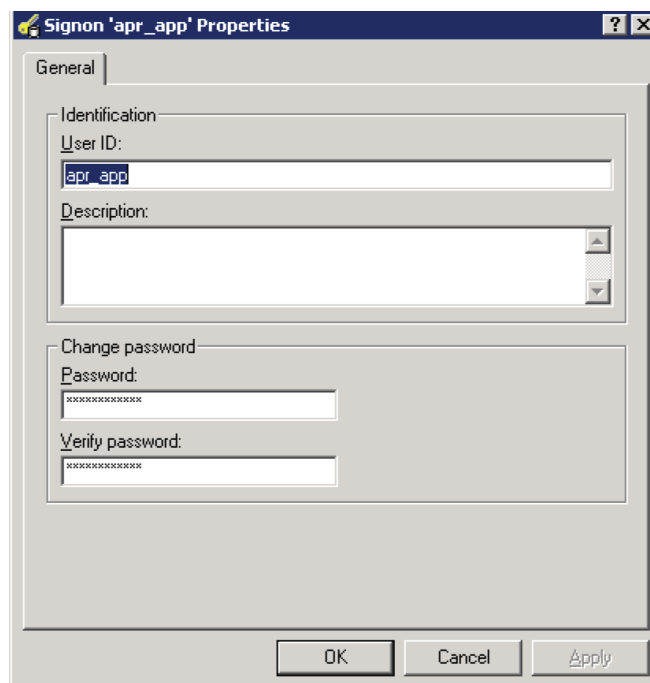
- Select the database type as **Oracle**.
 - Click **Edit**
6. When the system opens the following dialog box:



- Type PRMART in the Enter SQL * Net Connect String field.
 - Click **OK** to exit the window.
7. Click **OK** to exit from the **Database Properties** window.
8. Go to Data Sources->Power Reports and right-click Signons.
9. Select **Add Database Signon** from the popup menu.



10. When the system opens the following dialog box:

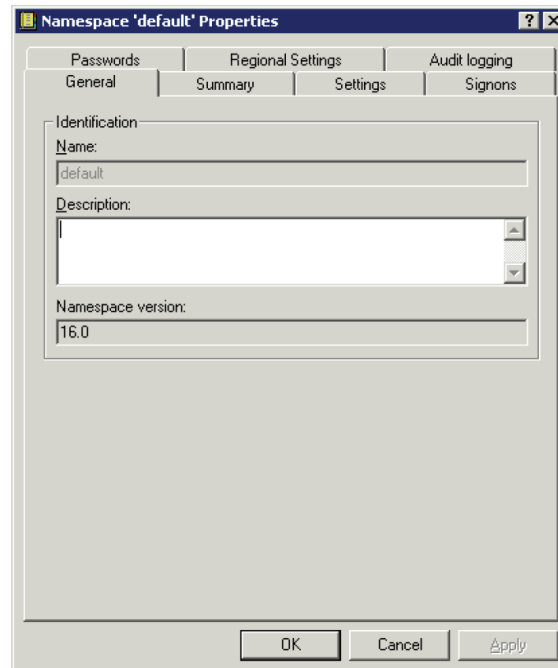


- Type **apr_app** in the **User ID** field.
- Type the **apr_app** password in the **Password** field.
- Retype the password in the **Verify Password** field.
- Click **OK** to save and exit.

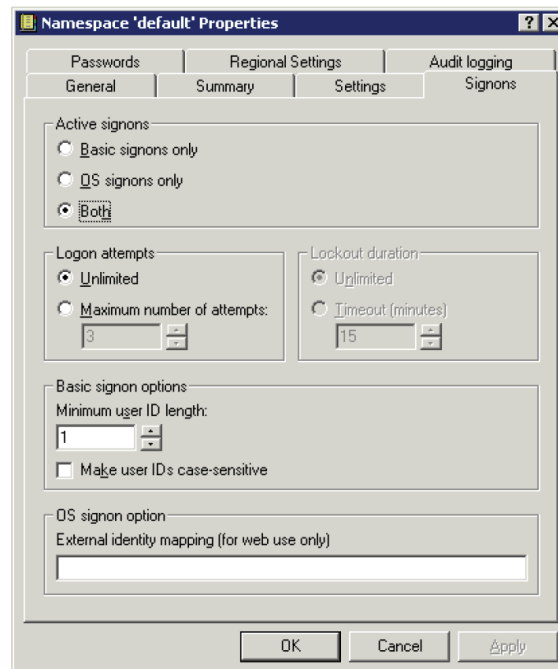
11. Go to the **Cubes Server Name > Default**.

12. Right click on the default namespace and select **Properties**.

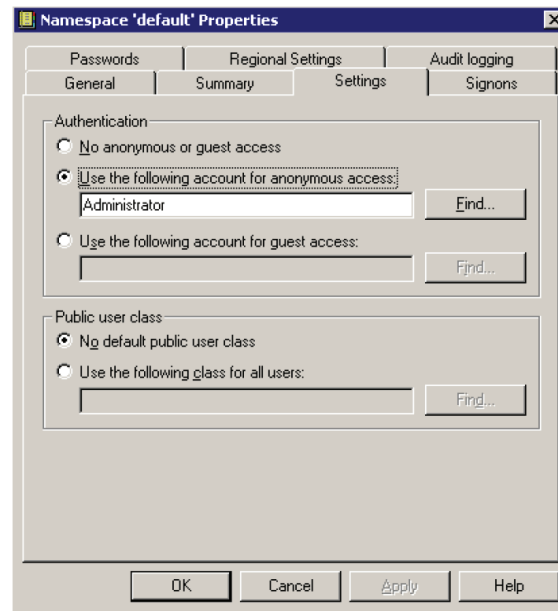
13. When the system opens the following dialog box, click the **Signons** tab.



14. When the system opens the **Signons** tab, locate the **Active Signons** section and click the **Both** option button.

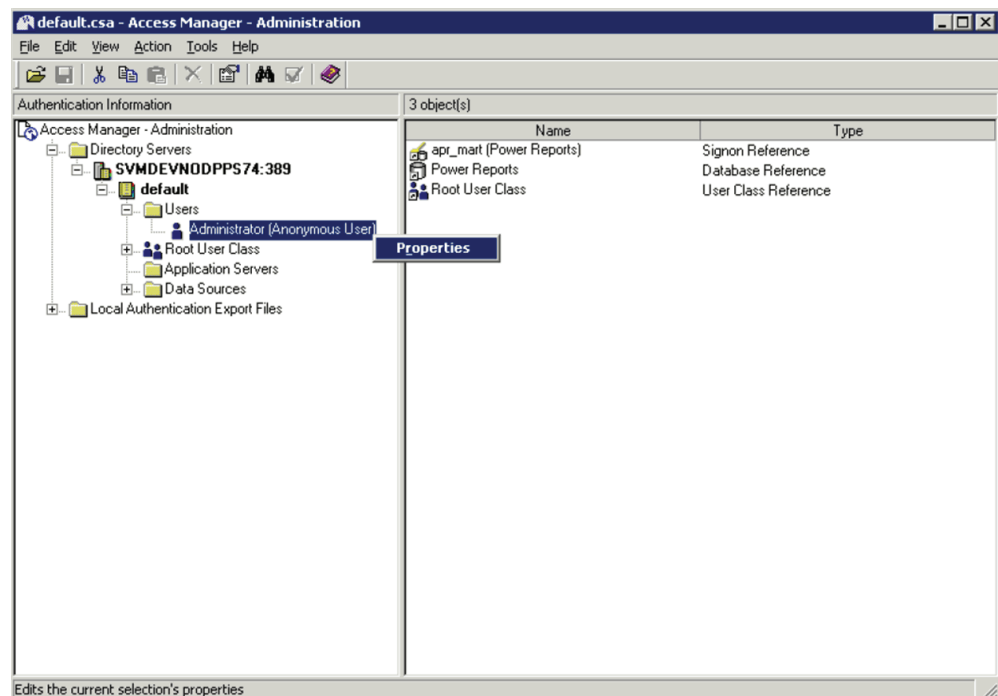


15. Click **Settings** to open the **Settings** tab.

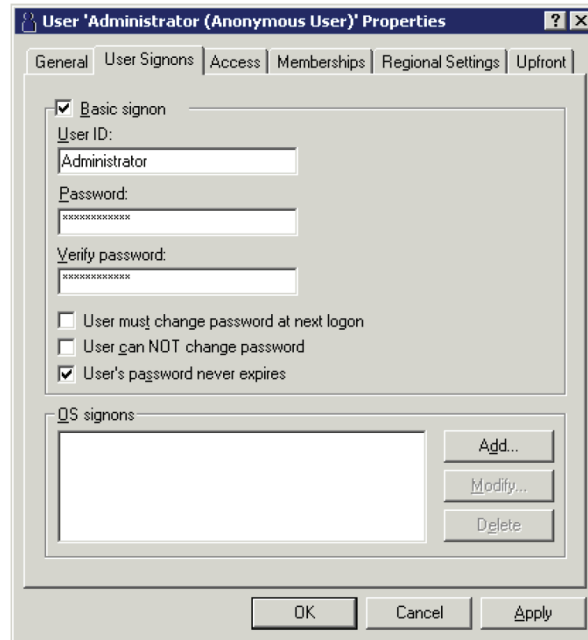


- Click Use the following account for anonymous access option button and type **Administrator** in the associated text box.
- Click **OK**

16. Go to Cubes Server Name-> Default->Users:

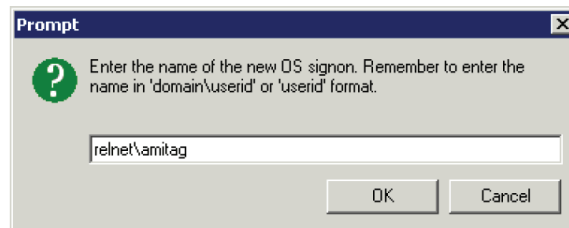


17. Right-click Administrator (Anonymous user).
18. Click **Properties**.
19. When the system opens the following dialog box:



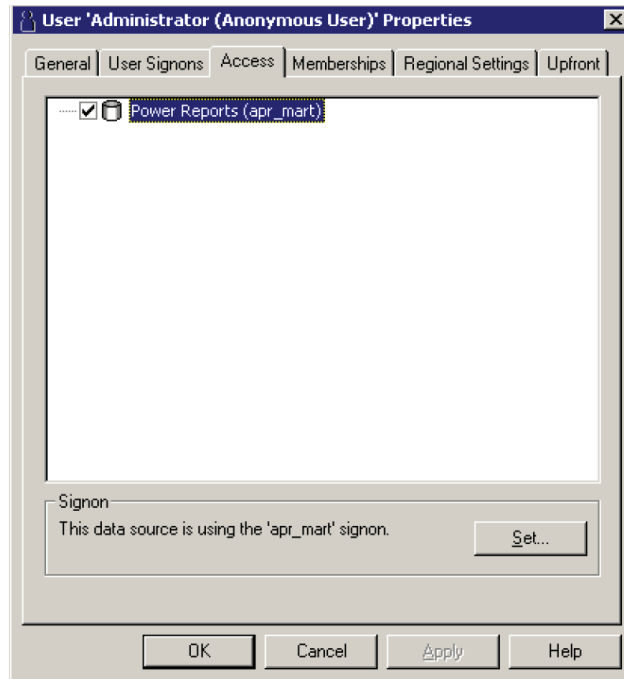
- Click the **User Signons** tab.
- On the **User Signons** tab, verify that the following field attributes are enabled, as shown in the following illustration.
- Click **Add**.

20. When the system opens the following dialog box:



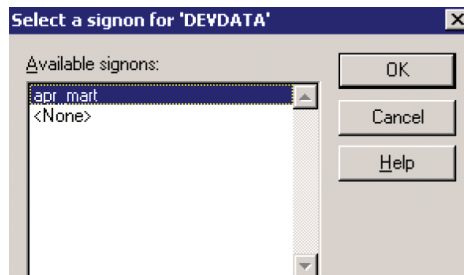
- Type the domain user name in the text box.
- Verify that the user is part of the Administrator group on the Cognos 8 server.
- Click **OK**.

21. When the system opens the following dialog box:



- Click the **Access** tab
- Click the **Power Reports** checkbox to select it.
- Click **Set**

22. When the system opens the following dialog box:



- Select **apr_mart**.
- Click **OK** to save and exit.

23. Click **OK** again to close the Administrator (Anonymous user) Properties dialog.

24. Keep the **Access Manager** window open and go to the **Configuration Manager**.

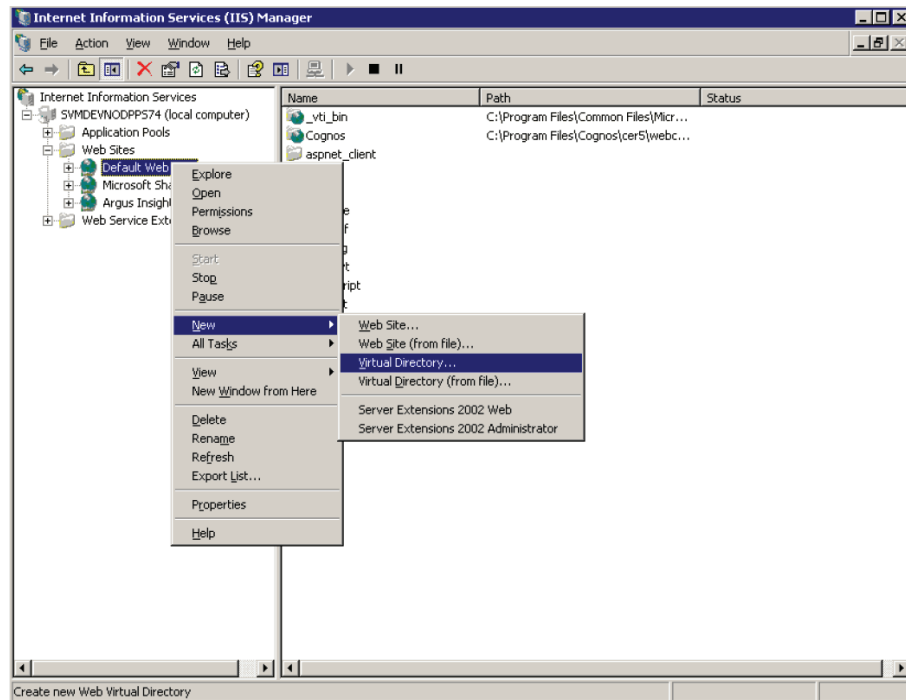
- Restart the services from **Configuration Manager**.
- Exit the Configuration Manager window and the Access Manager window.

8.2 Configuring IIS and Drill-Through on the Cube Server

This section is intended for use by Cognos Series 7.4 users. This section **is not** required if you are using Cognos Series 8 software.

Use the following procedure to configure IIS on the Cube Server.

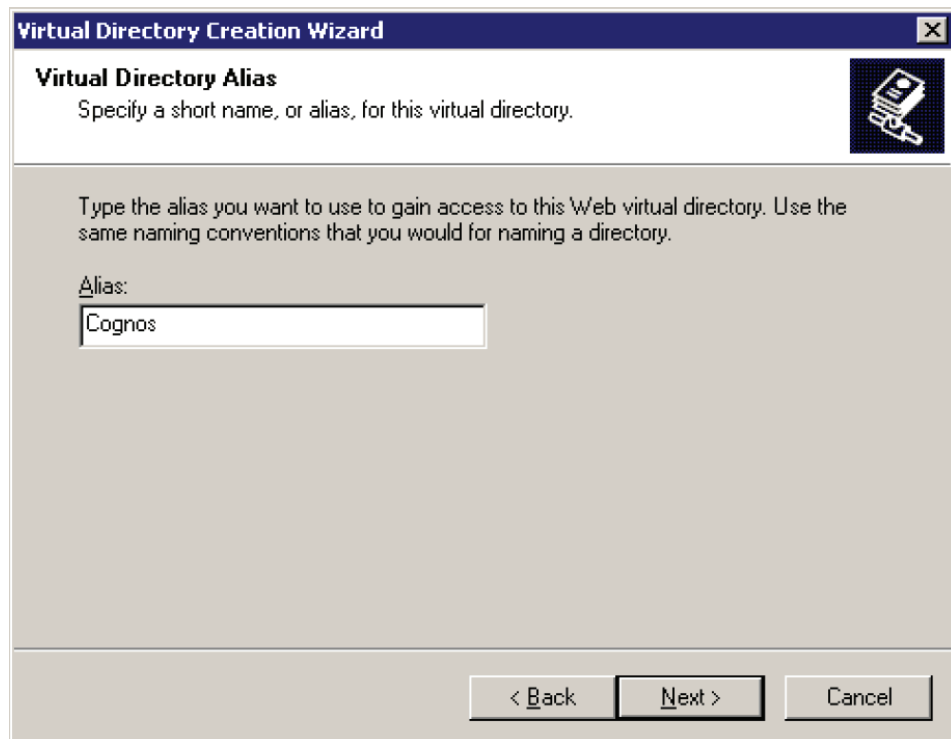
1. On the Cube Server desktop, go to **Start > Settings > Control Panel > Administrative Tools > Internet Services Manager**:
2. Expand the control tree item corresponding to the Power Reports Web Server name.
3. Right-click **Default Website>New>Virtual Directory...** . . .



4. When the system opens the following dialog box, click **Next>**.

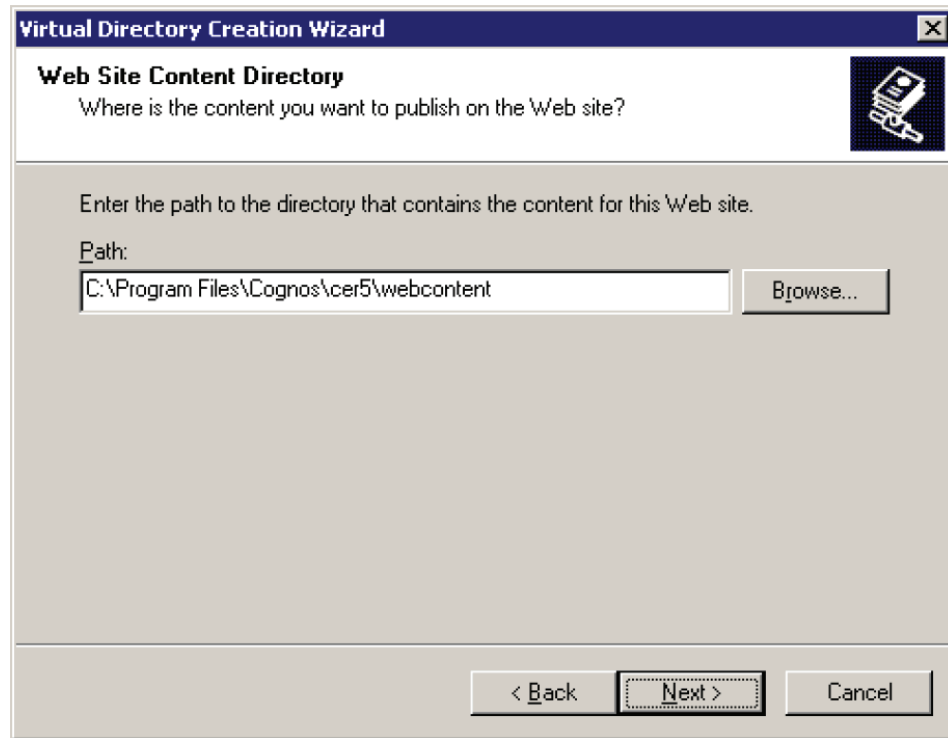


5. When the system opens the following dialog box:

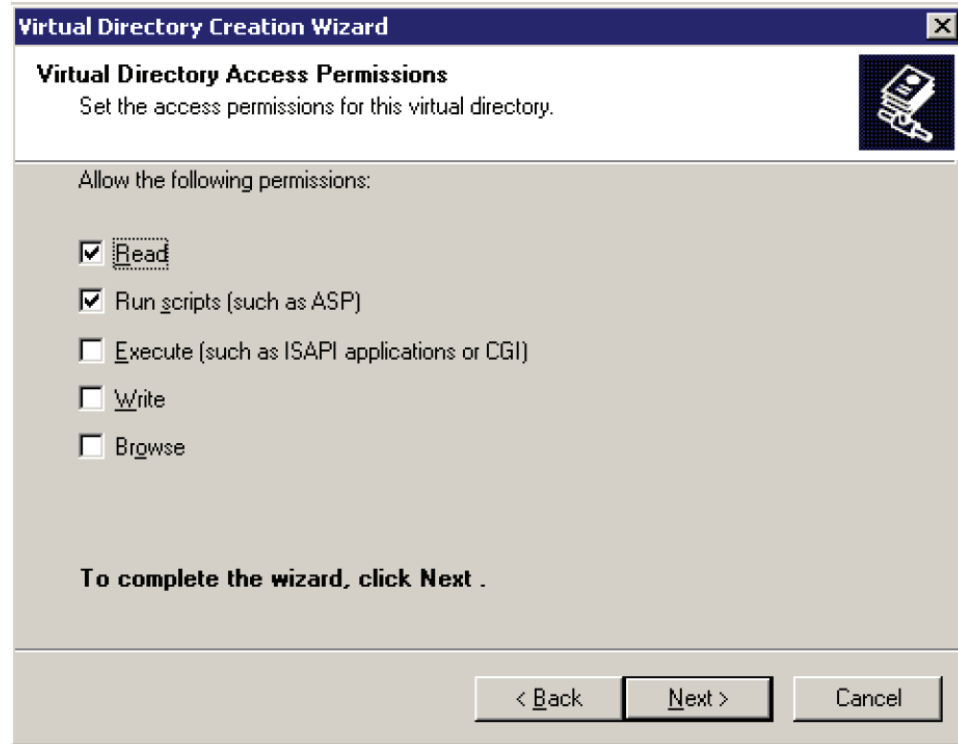


- Type **Cognos** in the **Alias** field.
- Click **Next>**.

6. When the system opens the following directory:



- Click **Browse**.
 - Select the following location: <Cognos Installation Path on Cube Server>\cer5\webcontent. Click **OK**
 - Click **Next>**.
7. When the system opens the following dialog box:



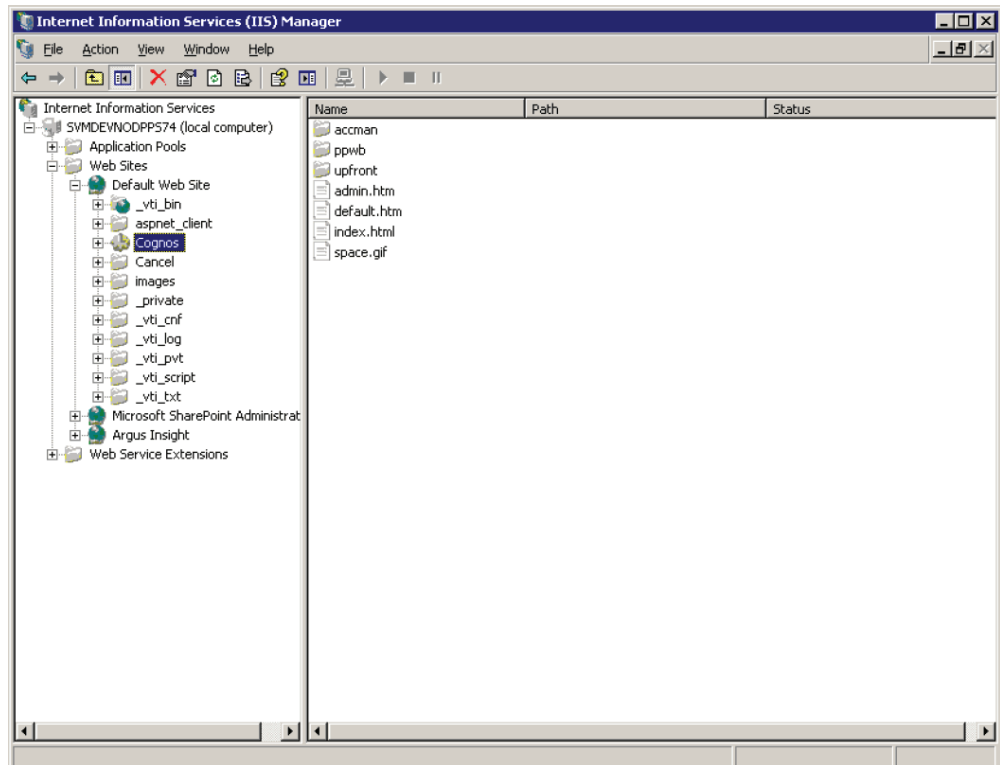
- Click the **Read**, **Run scripts (such as ASP)**, **Execute (such as ISAPI applications of CGI)**, and **Browse** checkboxes.

Note: For Argus Insight, we recommend you must use `cognos.cgi`.

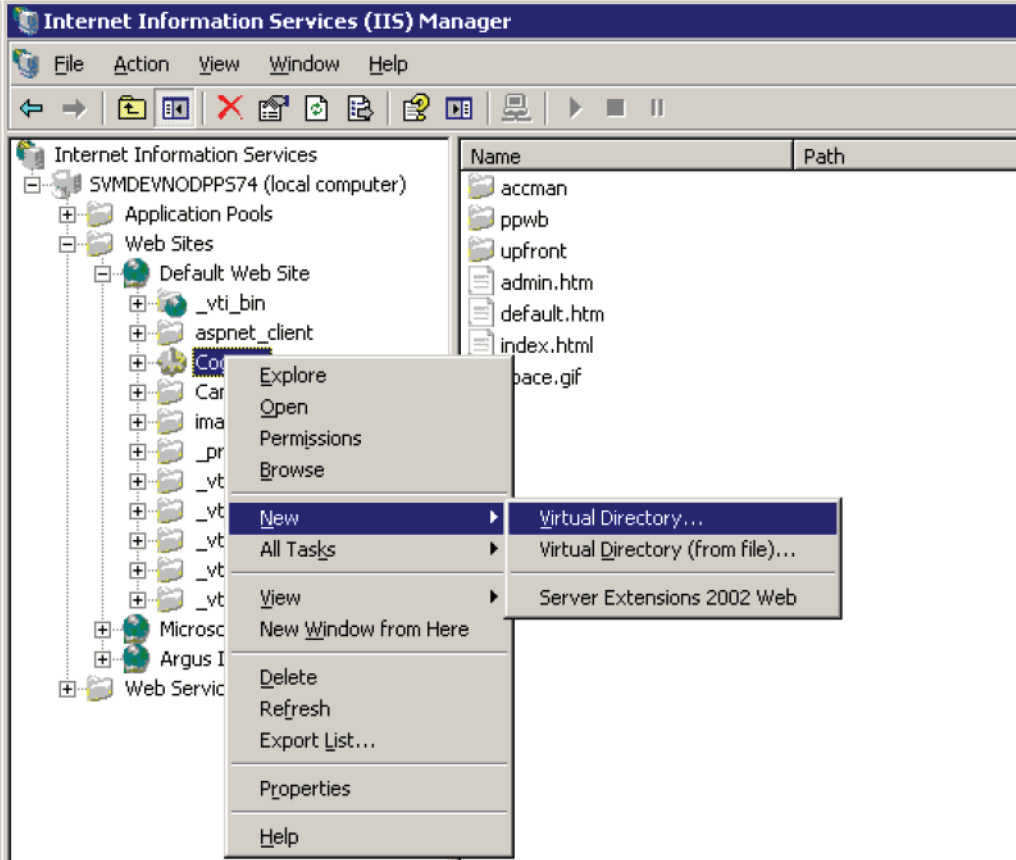
- Click **Next>**.
8. When the system opens the following dialog box, click **Finish**.



9. When the system opens the following window, expand the **Default Web Site** folder in the control tree.



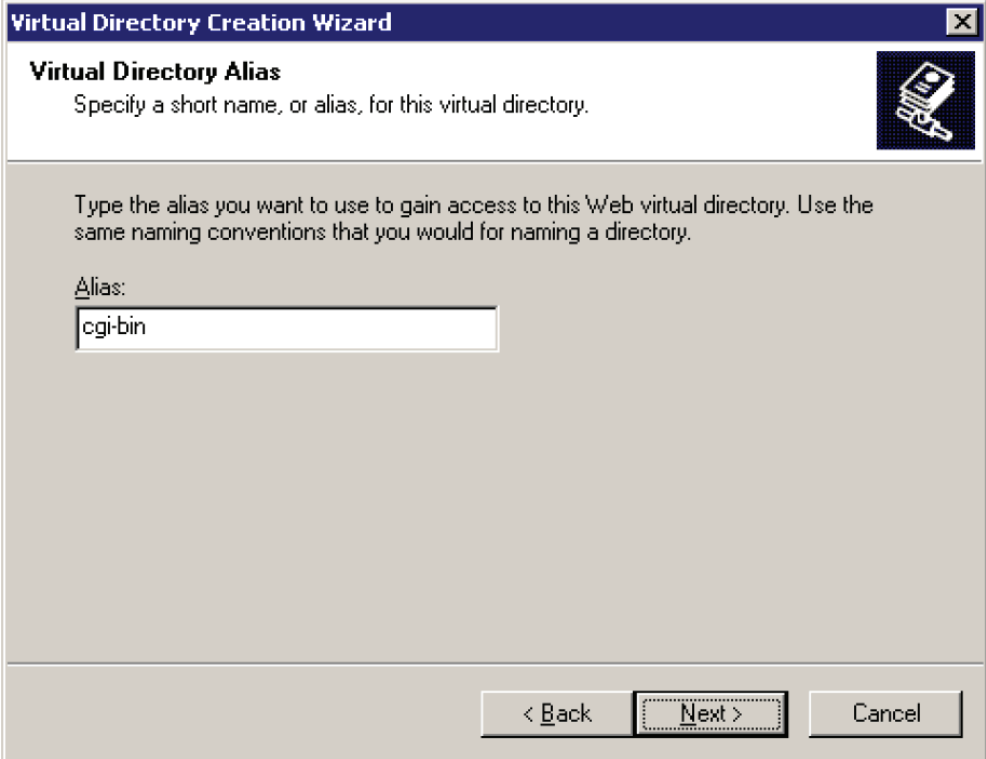
10. Right-click the **Cognos>New>Virtual Directory . . .**



11. When the system starts the Virtual Directory Creation Wizard, click Next>.



12. When the system opens the following dialog box:



Virtual Directory Creation Wizard

Virtual Directory Alias
Specify a short name, or alias, for this virtual directory.

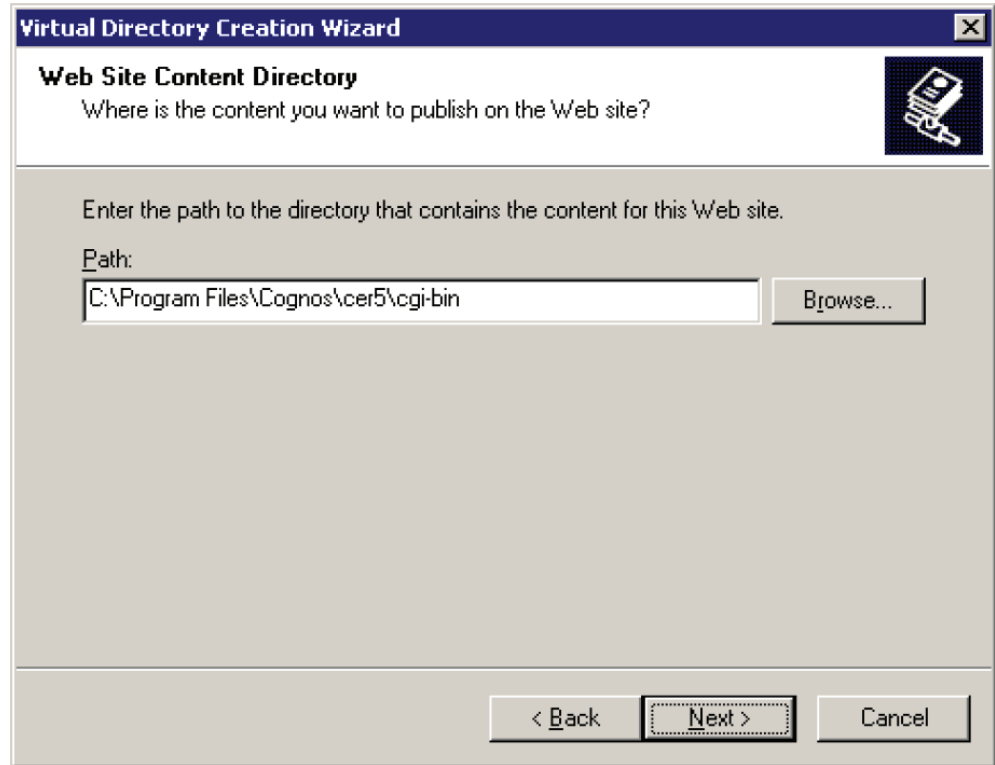
Type the alias you want to use to gain access to this Web virtual directory. Use the same naming conventions that you would for naming a directory.

Alias:
cgi-bin

< Back Next > Cancel

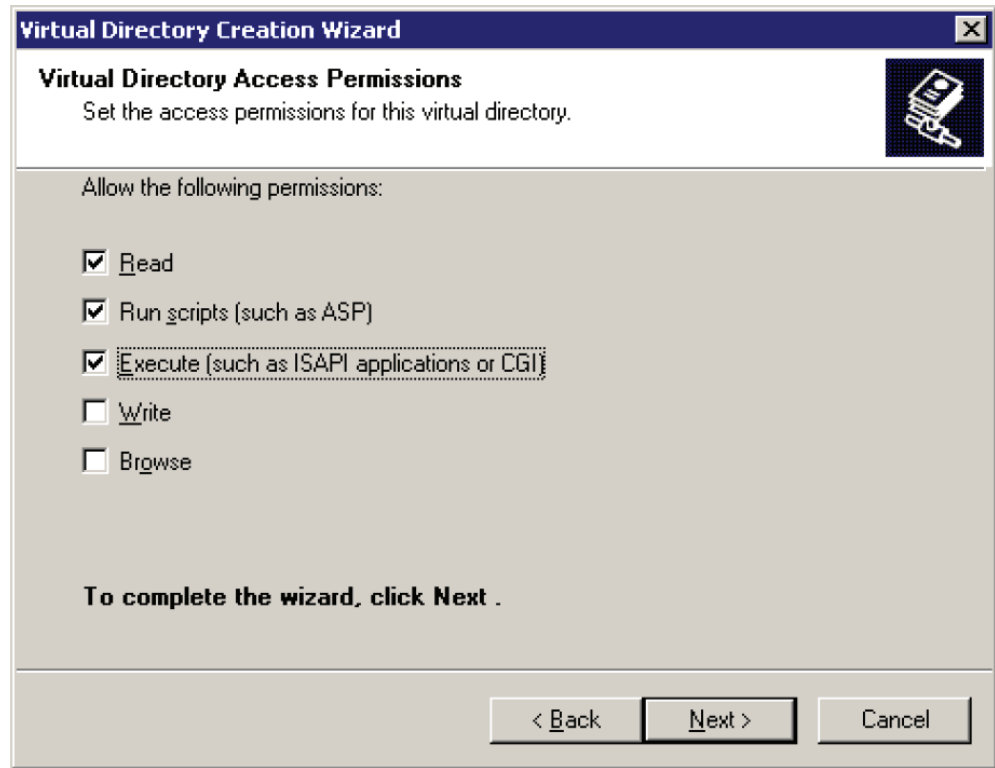
- Type **cgi-bin** in the **Alias** field.
- Click **Next>**.

13. When the system opens the following dialog box:



- Click **Browse**.
- Select <Cognos Installation Path on Cube Server>\cer5\cgi-bin from the window and click **OK**.
- Click **Next>**.

14. When the system opens the following dialog box:



Check the following checkboxes:

- Read
- Run scripts (such as ASP)
- Execute (such as ISAPI applications or CGI)

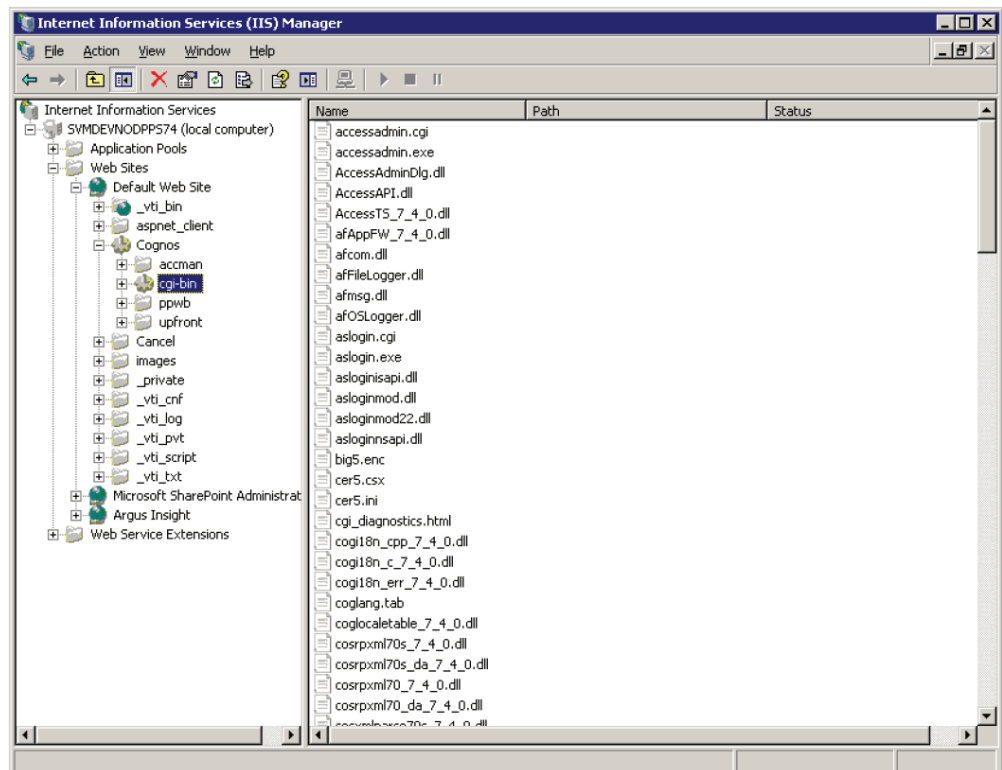
Note: For Argus Insight, we recommend you must use `cognos.cgi`.

- Browse

15. Click **Next**.



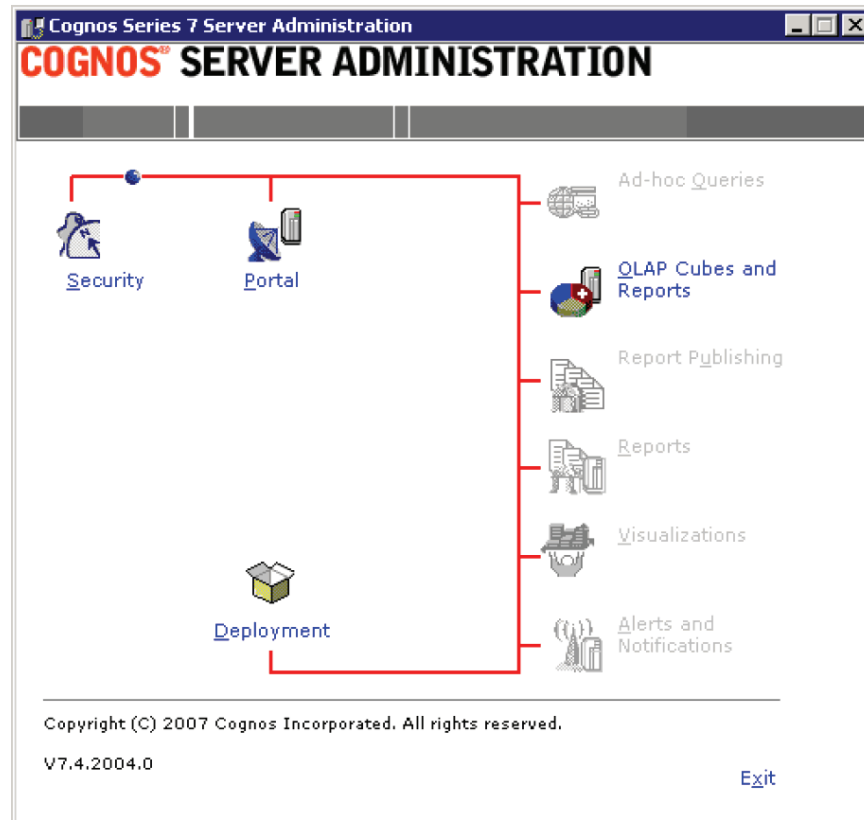
16. When the system opens the following dialog box, click **Finish**.
17. The system opens the **WWW Configuration** dialog box.
18. Close the Internet Information Services window.



8.2.1 Configuring Cubes

Use the following procedure to configure the Cognos Cubes for Cognos Series Version 7.4.

1. On the Cubes Server desktop, go to **Start > Program Files > Cognos Series 7 Version 4 > Cognos Server Administration**.
2. Click the **OLAP Cubes and Reports** link.



3. Select the Cube Server Name from the **Server name** list box. Click **OK**.



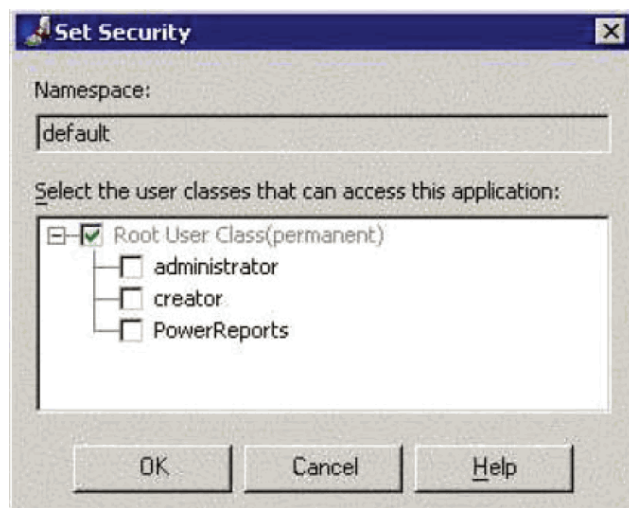
4. When the system opens the following dialog box, click **Yes**.



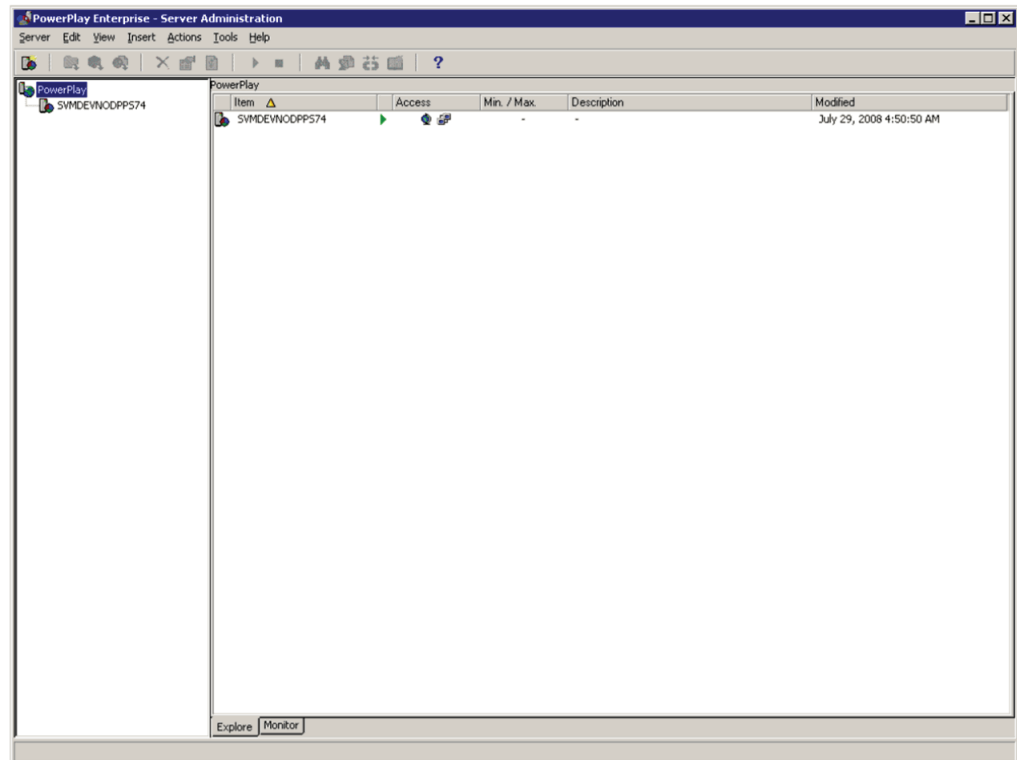
- When the system opens the following dialog box:



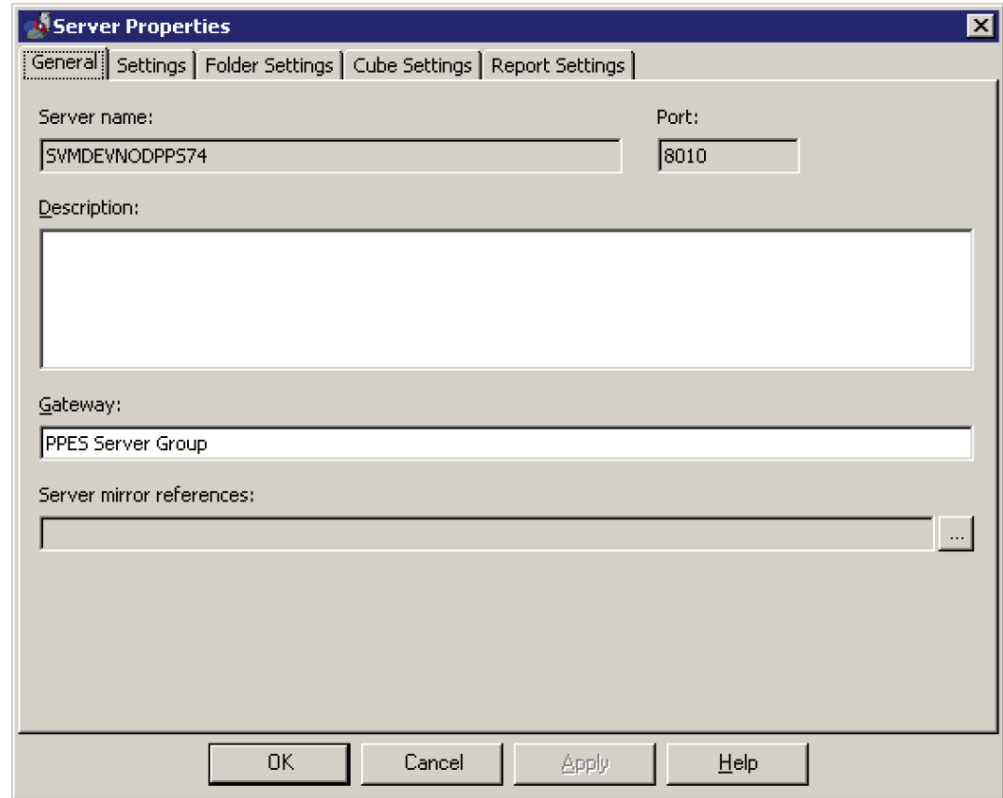
- Type the **Cognos User ID** in the **User ID** field.
 - Type the **password** in the **Password** field.
 - Click **Log On**.
- When the system opens the following dialog box, check all the checkboxes. Click **OK**.



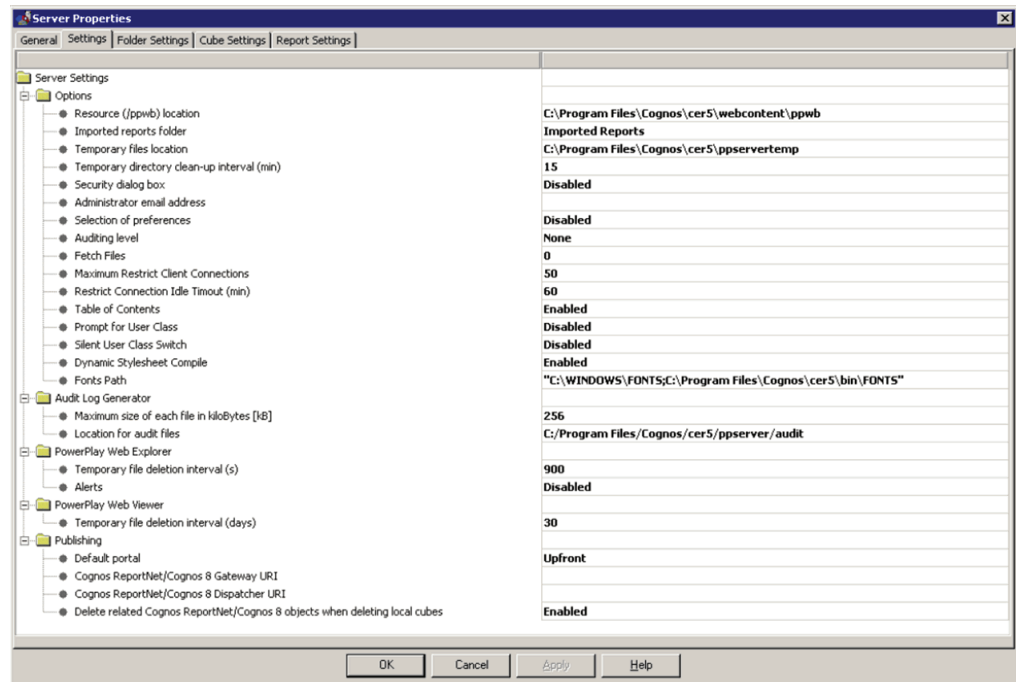
- When the system opens the **PowerPlay Enterprise Server Administration** window:



- Right-click the Cube Server name in the left pane of the Server Administration window.
 - Select **Properties** from the popup menu.
8. When the system opens the **Server Properties** dialog box, click **Settings**.



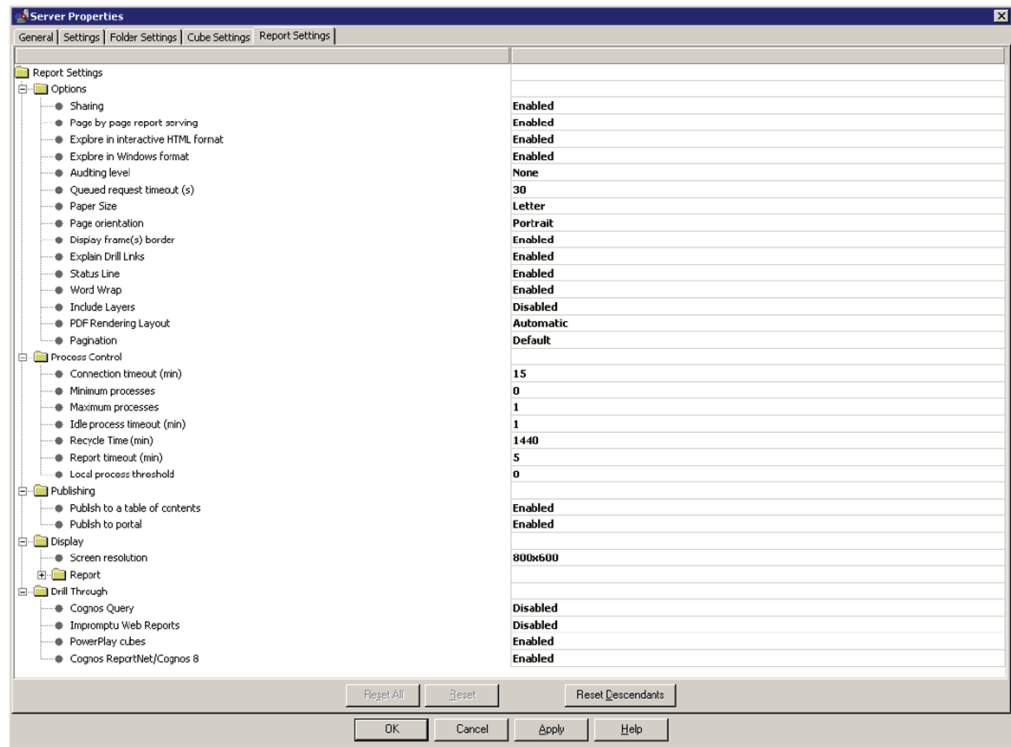
9. The system opens the **Settings** tab.



10. Set the values for the items on the **Settings** tab as shown in the following table. Click **Apply**.

Setting Name	Value to Enter / Select
Options	
Resource (/ppwb) location	<Cognos Installation Path>\cer5\webcontent\ppwb
Imported Reports Folder	Imported Reports Folder
Temporary files location	<Cognos Installation Path>\cer5\ppservertemp
Temporary directory clean-up Interval (min)	15
Security dialog box	Disabled
Administrator email address	Leave this field blank.
Selection of preferences	Disabled
Auditing level	Detail
Fetch files	0
Maximum Restrict Client Connections	50
Restrict Connection Idle Timeout (min)	60
Table of Contents	Enabled
Prompt for User Class	Enabled
Silent User Class Switch	Disabled
PowerPlay Web Explorer	
Temporary File Deletion Interval(s)	900
Alerts	Disabled
PowerPlay Web Viewer	
Temporary File Deletion Interval (days)	30
Publishing	
Default Portal	Upfront
Delete related Cognos ReportNet object when deleting local cubes	Enabled

11. Select the Report Settings tab.



12. Set the values for the items in the **Report Settings** tab page as shown in the following table. Click **Apply** to apply the settings.

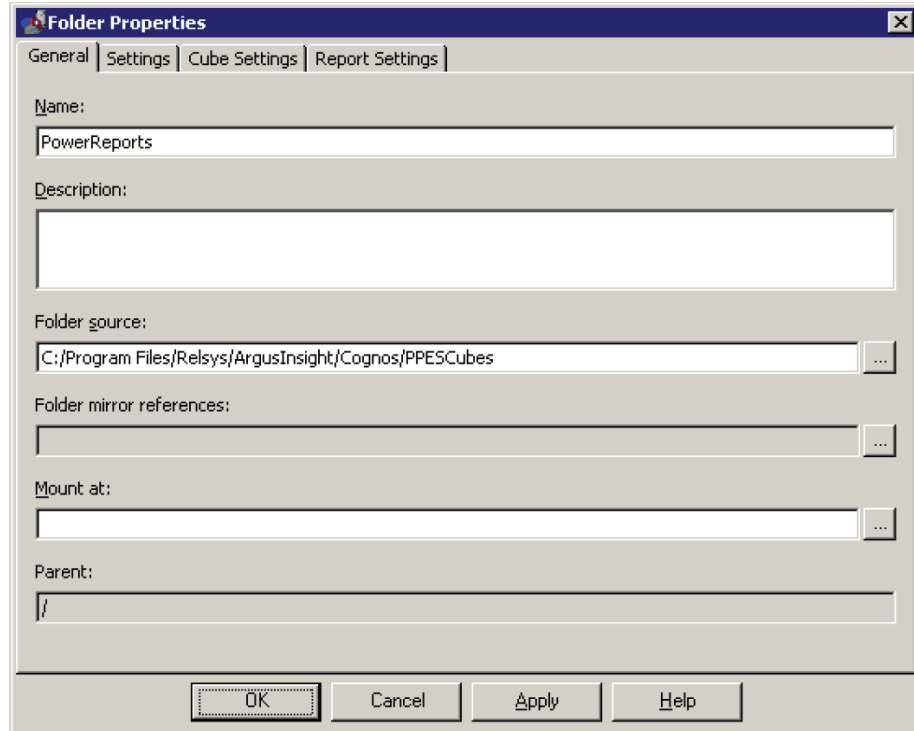
Setting Name	Value to Enter / Select
Drill Through	
PowerPlay Cubes	Enabled
Cognos ReportNet/Cognos8	Enabled

13. Click **OK**.

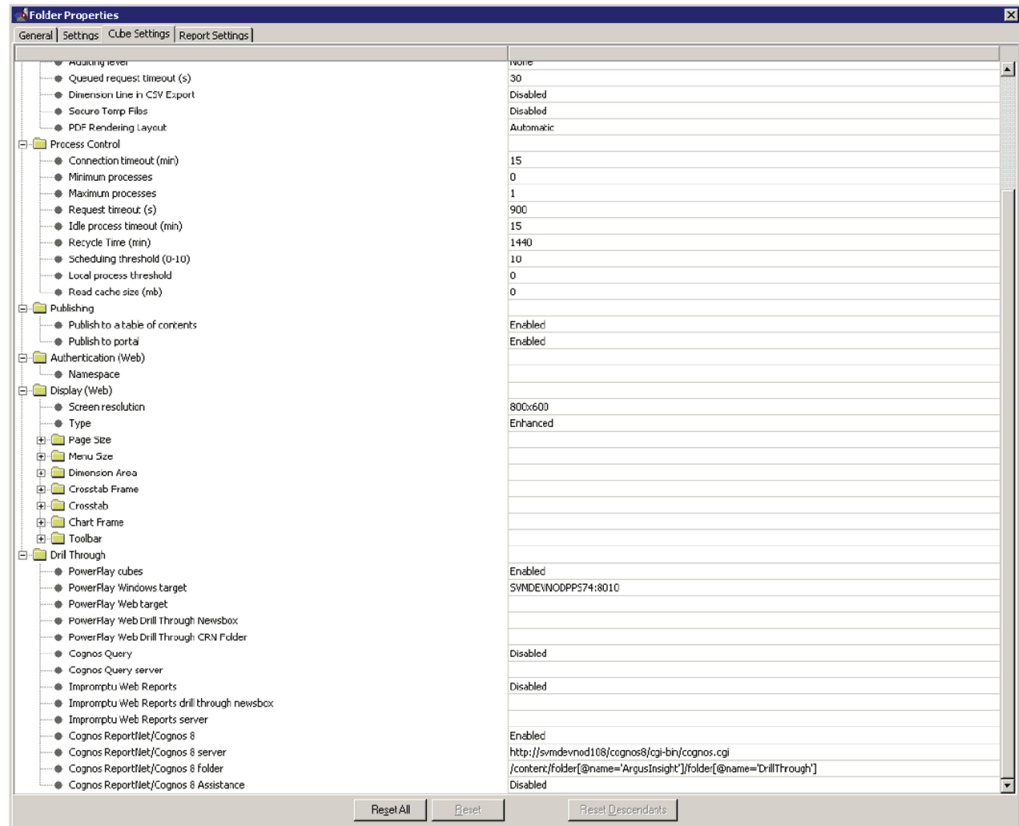
14. Select the Cube Server name in the left pane of the Server Administration window.

15. From the menu bar, select **Insert > Folder**.

16. When the system opens the **Folder Properties** dialog box , click the **General** tab.



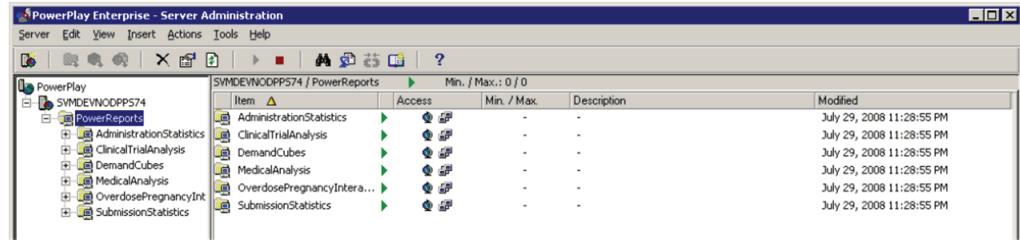
- Enter **PowerReports** in the **Name** text box.
 - Specify the following path in the **Folder source** field:
<Argus Insight Installation Path>/Cognos/PPESCubes
 - Click the **Cube Settings** tab.
17. The system opens the **Cube Settings** tab.



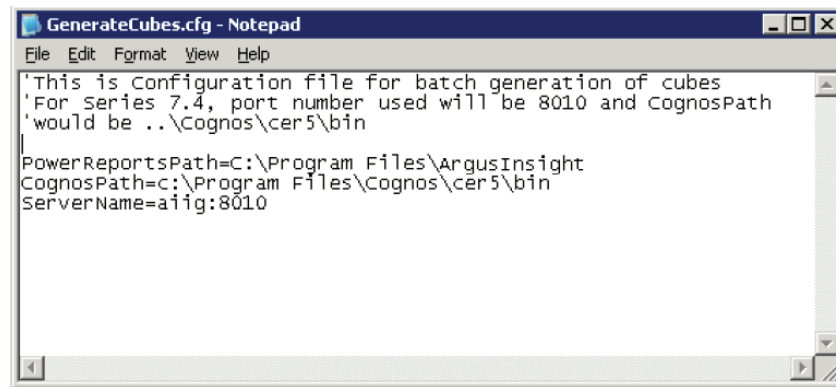
18. Set the values for the items in the **Cube Settings** tab, as specified in the following table. Click **Apply**.

Setting Name	Value to Enter / Select
Drill Through	
Save as Power Cube	Enabled
PowerPlay Cubes	Enabled
PowerPlay Window Target	<Cube Server Name>:8010
Cognos	http://<Cognos8 Server>/cognos8/cgi-bin/cognos.cgi
ReportNet/Cognos8 Server	
Cognos	Enabled
ReportNet/Cognos8	
Cognos	/content/folder[@name='ArgusInsight']/folder[@name='DrillThrough']
ReportNet/Cognos8 Folder	
Cognos Report Net Assistance	Disabled

19. Select **Server>Exit** from the menu bar to close the **Server Administration** window.



20. Copy the **ppwbcustom.js** file from the following location: \\<Argus Insight Web Server>\<Argus Insight Installation Path>\ASP\include\js to the following location on the Cube Server: <Cognos Installation Path>\cer5\webcontent\ppwb
21. Go to <Argus Insight Directory>\ArgusInsight\Cognos\Cubes\BatchGeneration-Cubes folder.
22. Open the **GenerateCubes.cfg** file.



23. Set the following parameters in the **GenerateCubes.cfg** file:

Parameter	Description
PowerReportsPath	This is the Argus Insight installation path; include the ArgusInsight folder in the string: <Argus Insight Installation path>\ArgusInsight
CognosPath	This is the location of the Cognos 8 installation bin folder: <Cognos Cubes installation path>\cer5\bin
ServerName	This is the name or IP address of the Cognos Cubes Server. Enter the parameter values in this format: ServerName:PortNumber . For example, CognosCubeServer:8010 .

Note: Although the paths may contain whitespaces, make sure there is no white space between the parameter name, the "=" sign, and the value.

24. Save and close the configuration file.

8.2.2 Setting Up Batch Generation for Cubes

Although the ETL process updates the datamart on a regular basis, you need to separately update each Cube after the incremental ETL process is completed. To do this, set up a batch process to update the Cubes installed as part of the Argus Insight application. The batch process performs the following tasks:

- Updates Cube data

The system updates Cube data with the latest data from the datamart.

- Copies the updated Cubes in the backup folder

The system copies the updated Cubes into a backup folder that contains subfolders for each Cube; the backup folder path is as follows:

<Argus Insight Installation path>\ArgusInsight\cognos\backup\PPESCubes

For example: C:\Program Files

\Oracle\ArgusInsight\Cognos\backup\PPESCubes

- Copies the updated Cubes in the published folder

The system copies the updated Cubes into the published folder at this location:

<Argus Insight Installation path>\ArgusInsight\cognos\PPESCubes

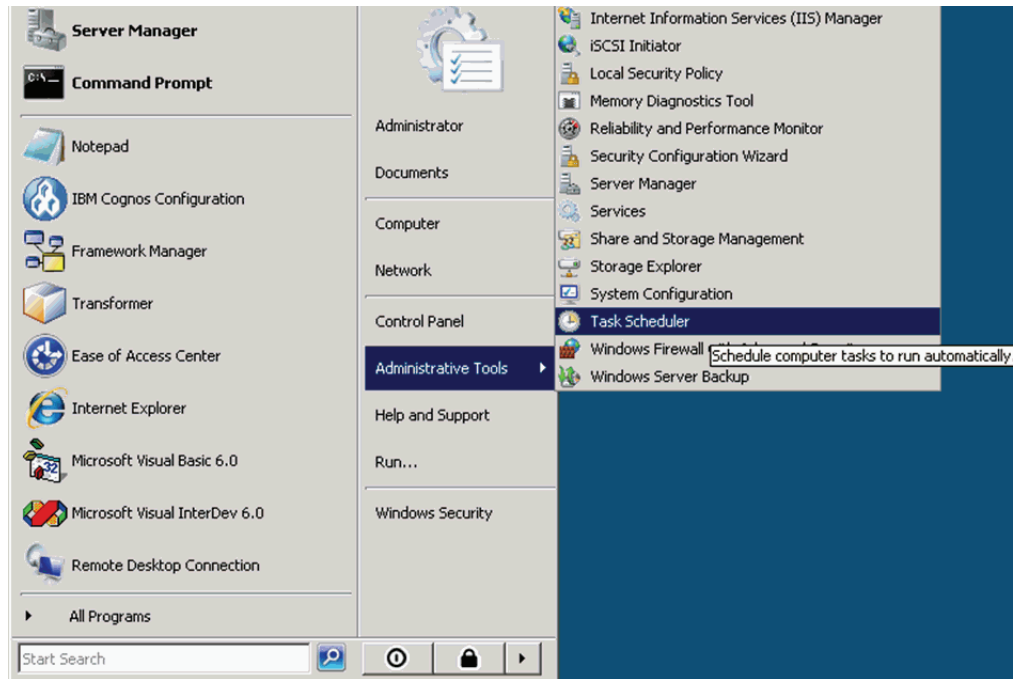
For example: C:\Program Files\Oracle\ArgusInsight\Cognos\PPESCubes

Schedule individual tasks to update each Cube. To improve the performance of the batch process, make sure that individual batch execution processes **do not overlap** with each other.

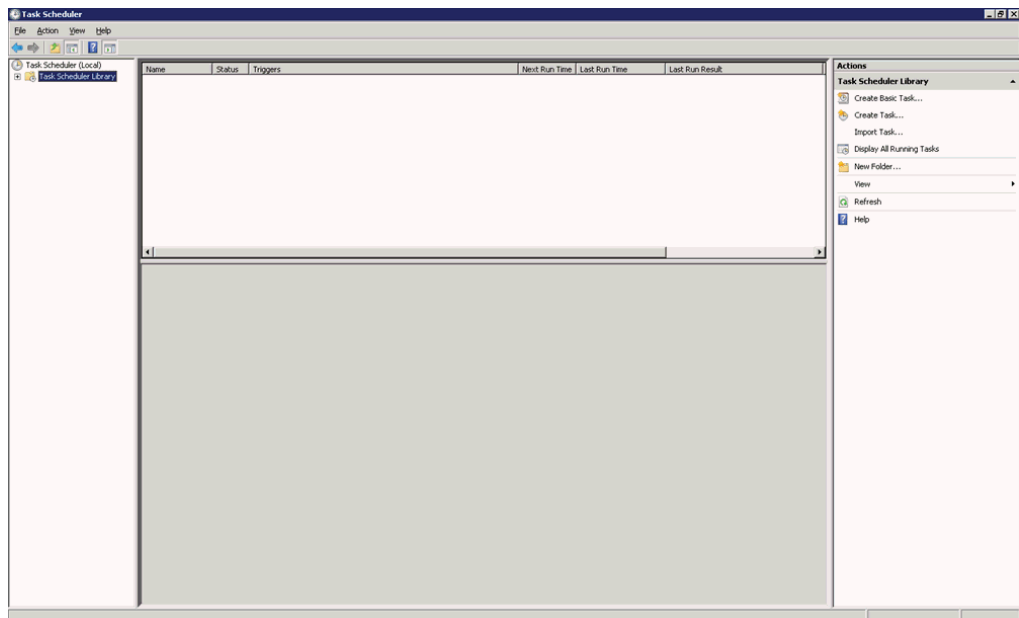
8.2.2.1 Setting up Batch Generation Through Task Manager

This section provides information for using Windows Task Manager to schedule batch generation. Use the following procedure to set up batch for each of the five Cubes.

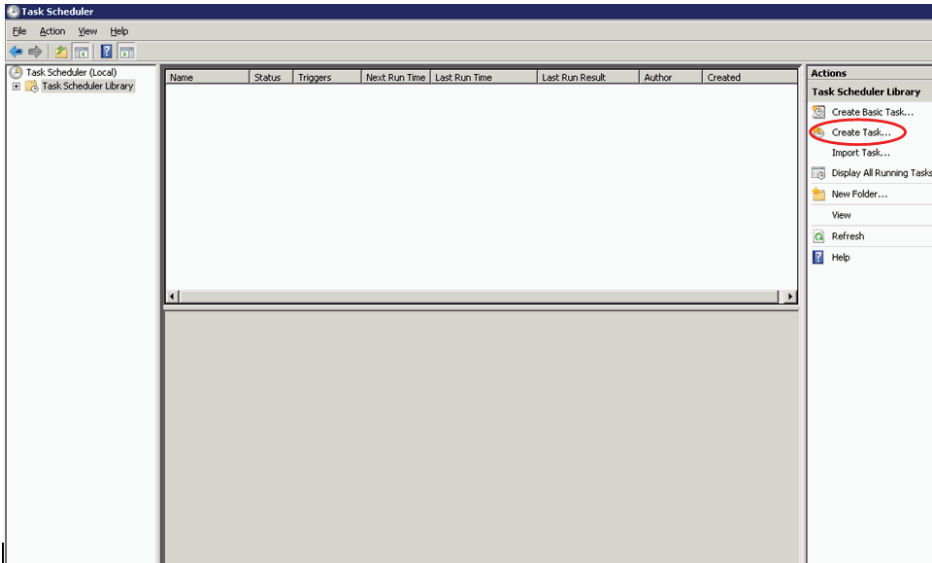
1. Log on to the Cube Server as an Admin user.
2. On the Cube Server, select **Start > Administrative Tools > Task Scheduler**. Double-click **Scheduled Tasks**.



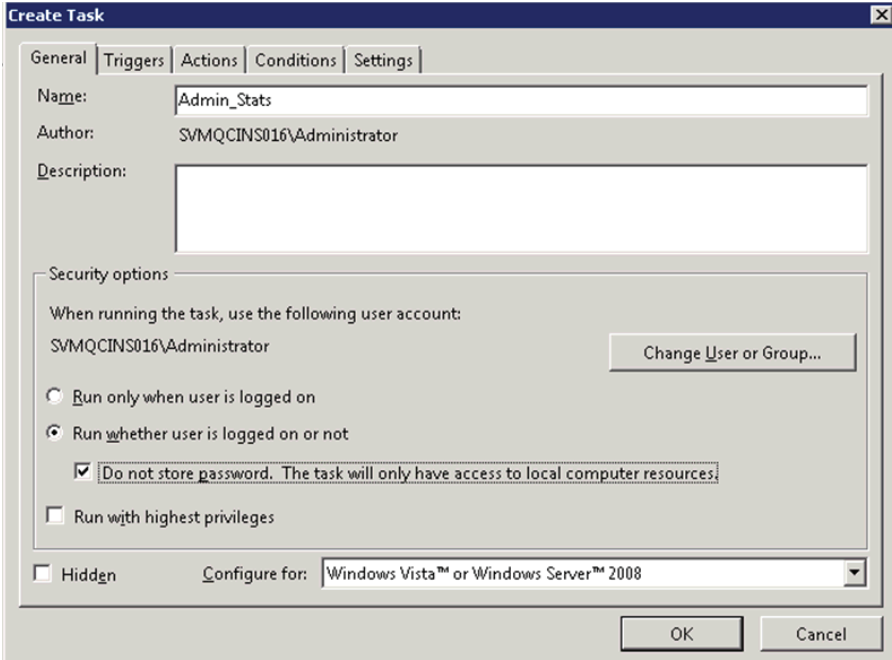
3. On the left-hand pane of the Task Scheduler, go to Task Scheduler > Task Scheduler Library.



4. On the right-hand pane of the Task Scheduler Library, click **Create Task**.



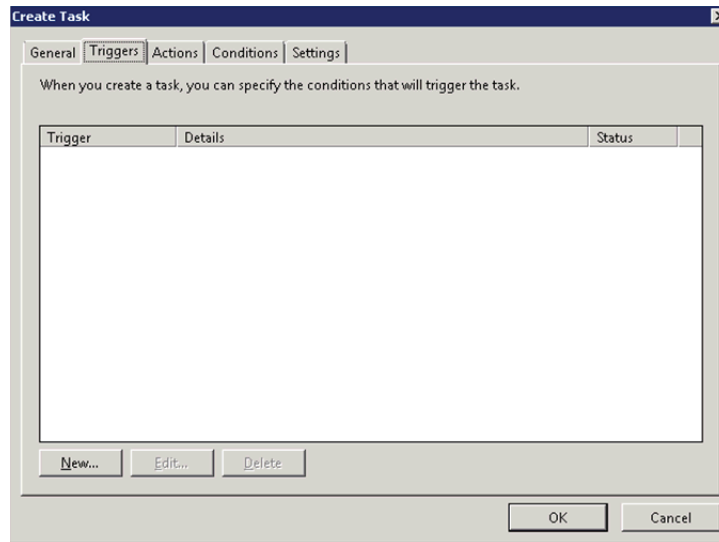
5. When the system opens the following dialog box:



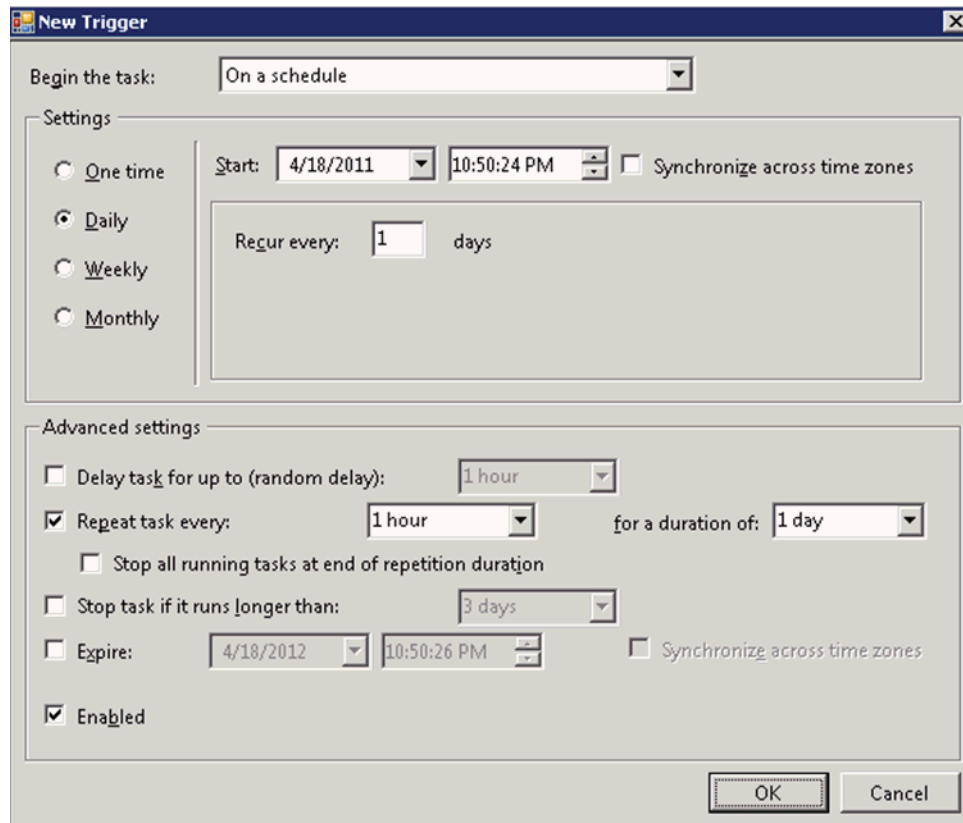
- Type the **Cube Name** in the text box.

Note: You can assign any name to the task, but we recommend that the name be similar to the name of the Cube you are scheduling. The following:

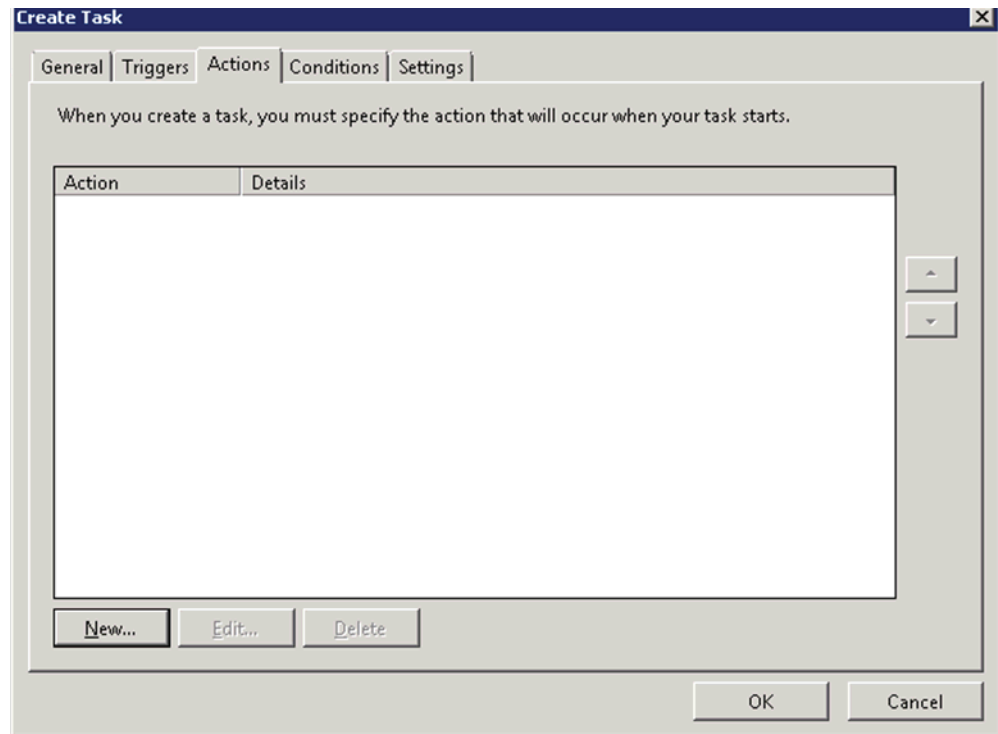
6. In the Triggers tab, you can click **New** to schedule a new task. The following screen is displayed.



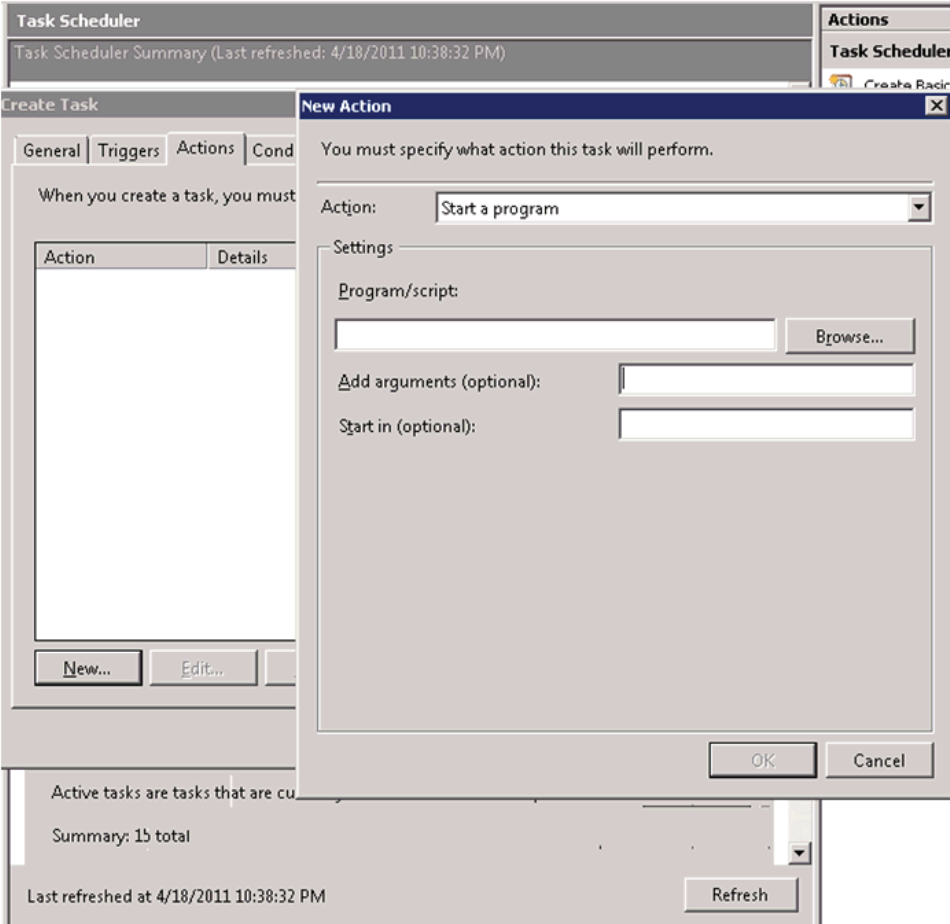
7. The following screen is displayed. Configure the task details as required, and click OK.



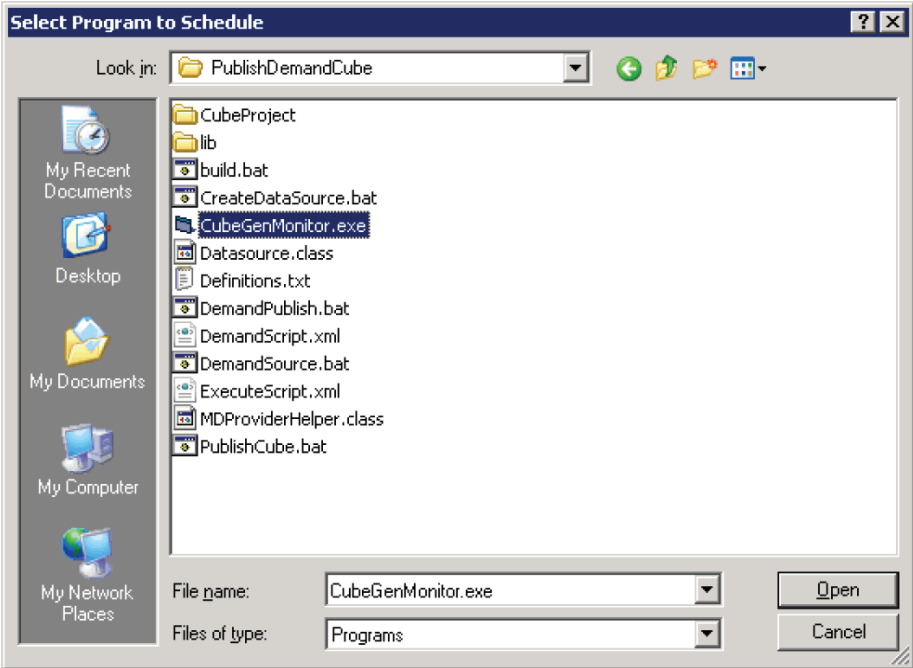
8. In the Actions tab, click **New** to create a new action item.



9. The following screen is displayed. When the system opens the following dialog box, click **Browse**.



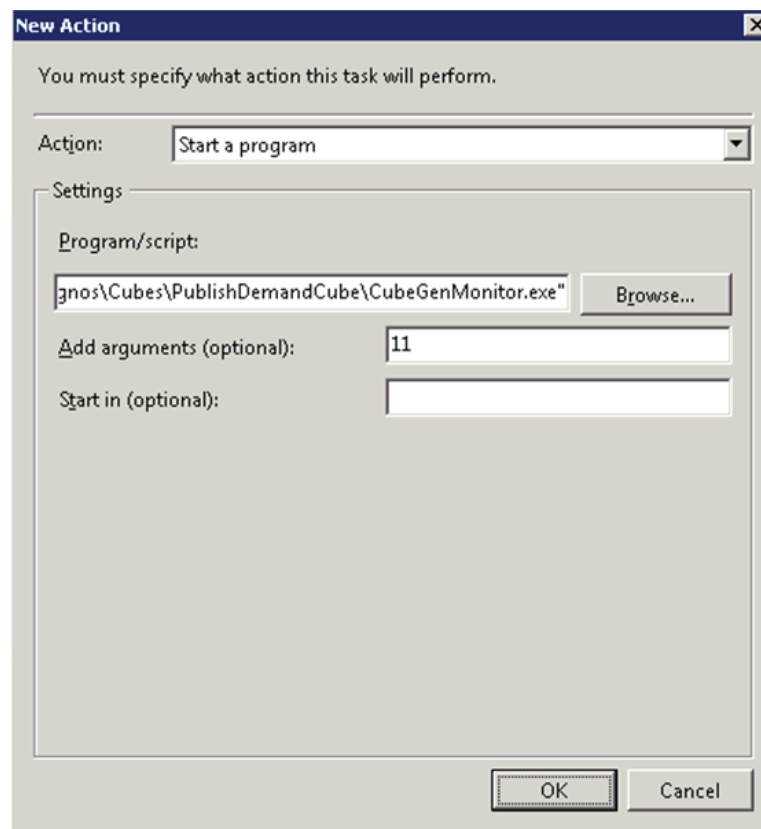
10. When the system opens the following window:



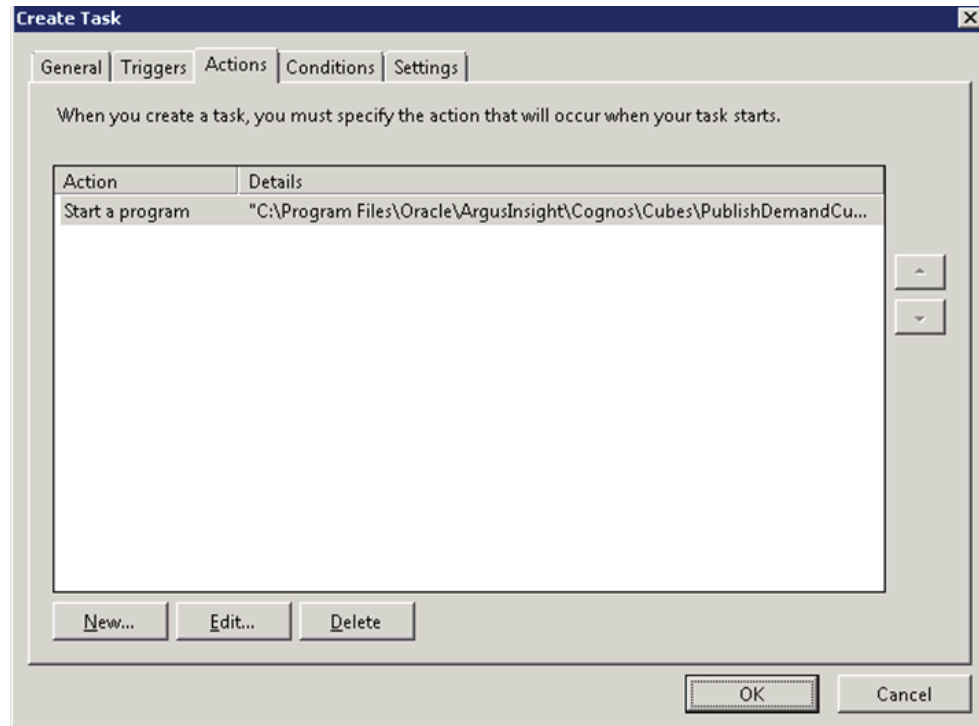
- Navigate to the following location: <Argus Insight Installation Drive>\ProgramFiles\Oracle\ArgusInsight\Cognos\Cubes\PublishDemand Cube
 - Select the **CubeGenMonitor.exe** file.
 - Click **Open**.
11. In the **New Action** window, enter the Cube ID under **Add arguments**. The following table lists the Cube ID for each Cube:

Cube Name	Cube ID
Medical Analysis	7
Clinical Trial Analysis	8
Overdose-Pregnancy-Interaction	9
Submission Statistics	10
Administration Statistics	11

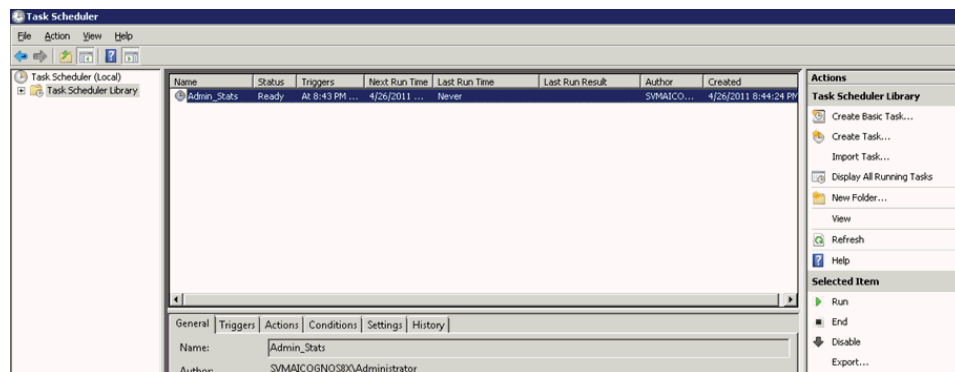
12. The **New Action** window is displayed, as follows:



13. Click **OK**. The following screen is displayed.



14. Click **OK**.
15. The system creates the newly scheduled task **Admin_Stats** (or the Cube Name that you have specified).

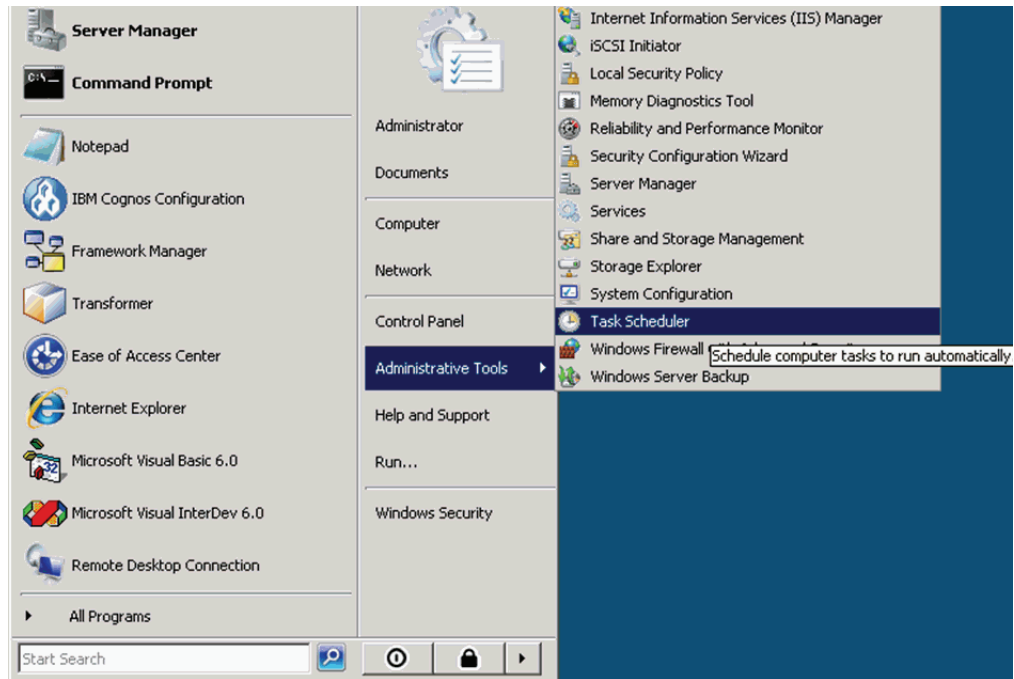


16. Repeat Steps 3 through 15 to schedule batch generation for the remaining cubes.

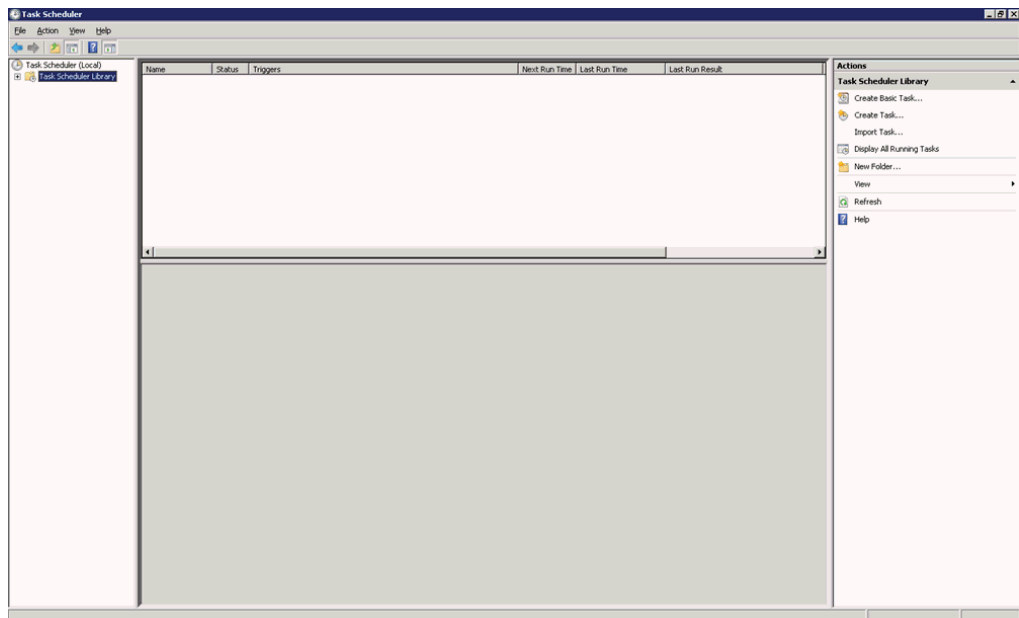
8.2.2.2 Setting up Batch Generation for Demand Cubes

Use the following procedure to set up batch generation for Demand Cubes.

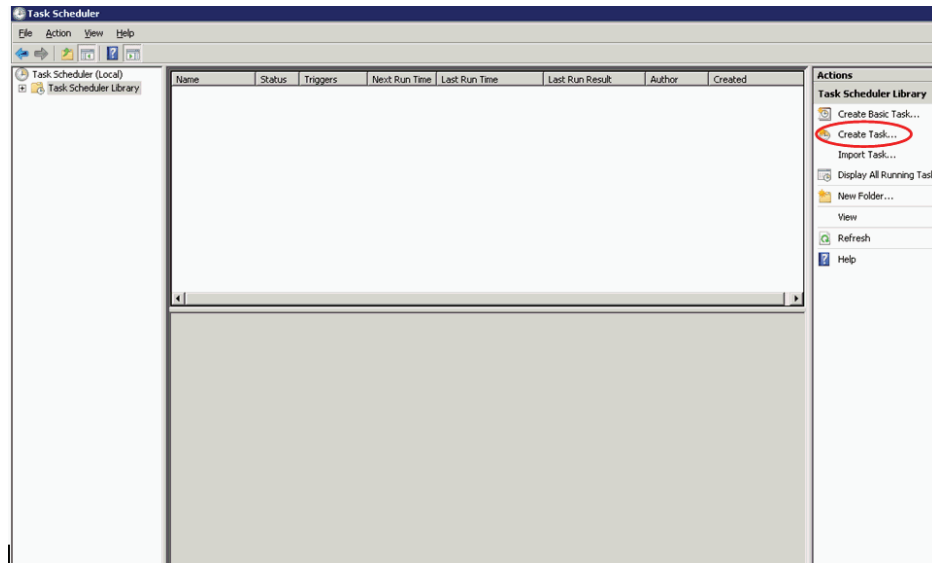
1. Log on to the Cube Server as an Admin user.
2. On the Cube Server, select **Start > Administrative Tools > Task Scheduler**. Double-click **Scheduled Tasks**.



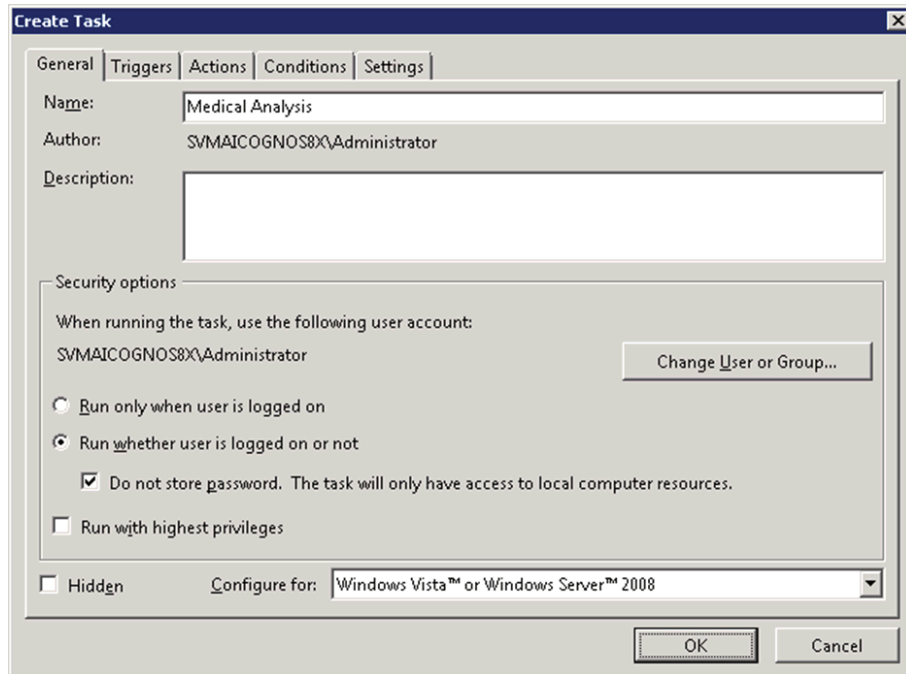
3. On the left-hand pane of the Task Scheduler, go to Task Scheduler > Task Scheduler Library.



4. On the right-hand pane of the Task Scheduler Library, click **Create Task**.



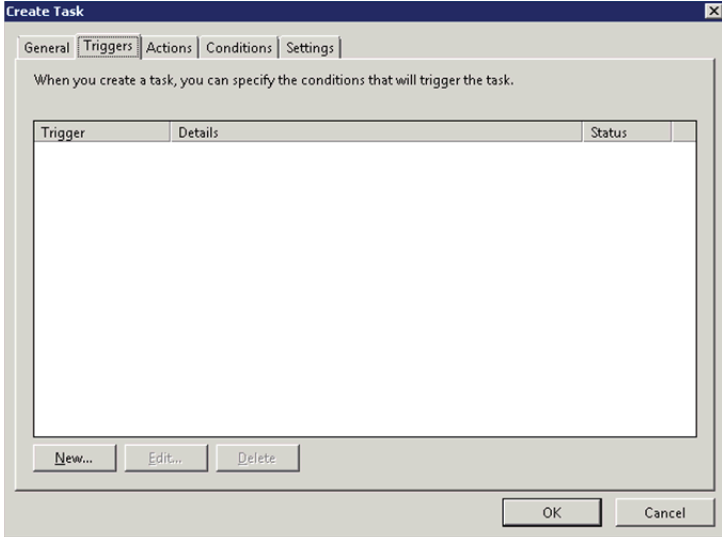
5. When the system opens the following dialog box:



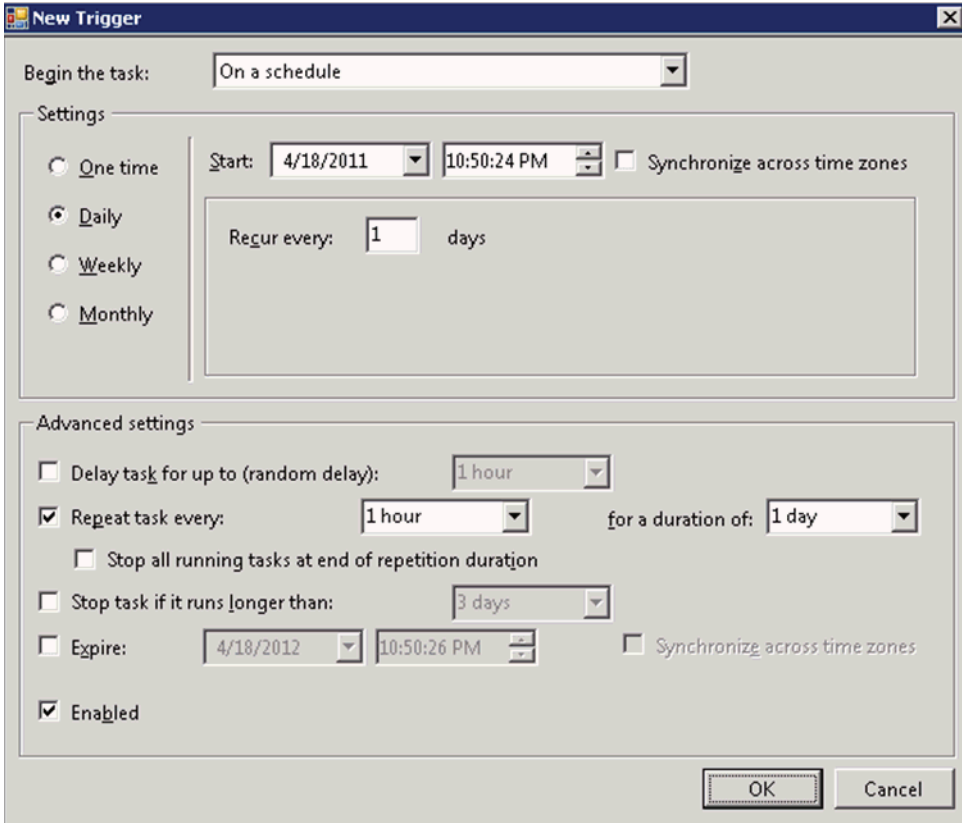
- Type the **Cube Name** in the text box.

Note: You can assign any name to the task, but we recommend that the name be similar to the name of the Cube you are scheduling. The following:

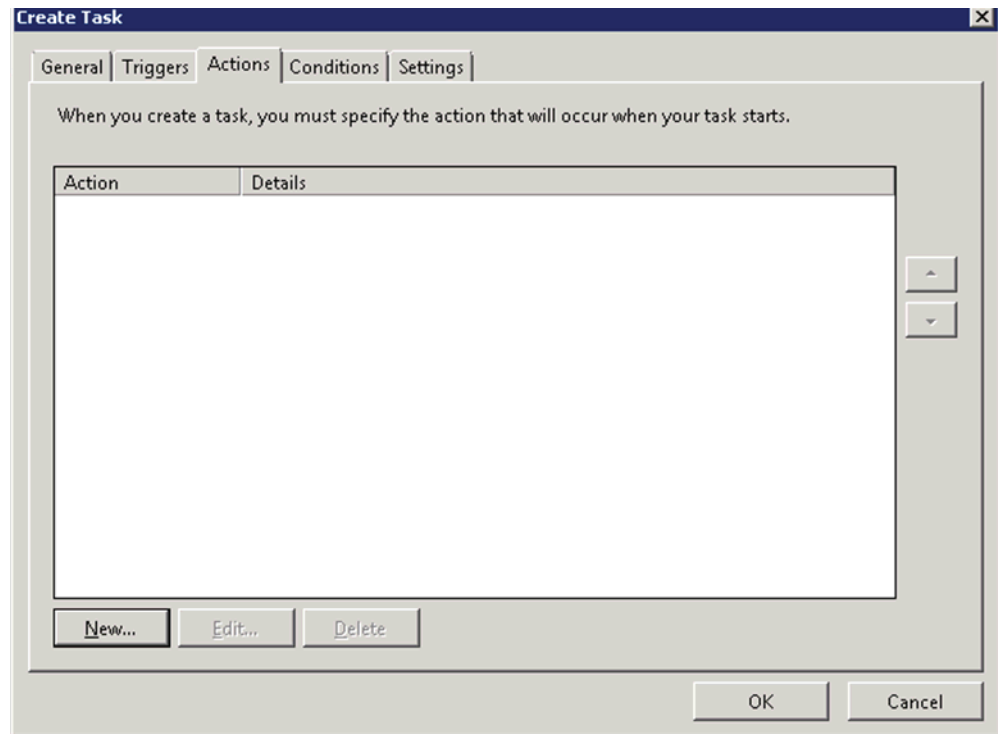
6. In the Triggers tab, you can click **New** to schedule a new task. The following screen is displayed.



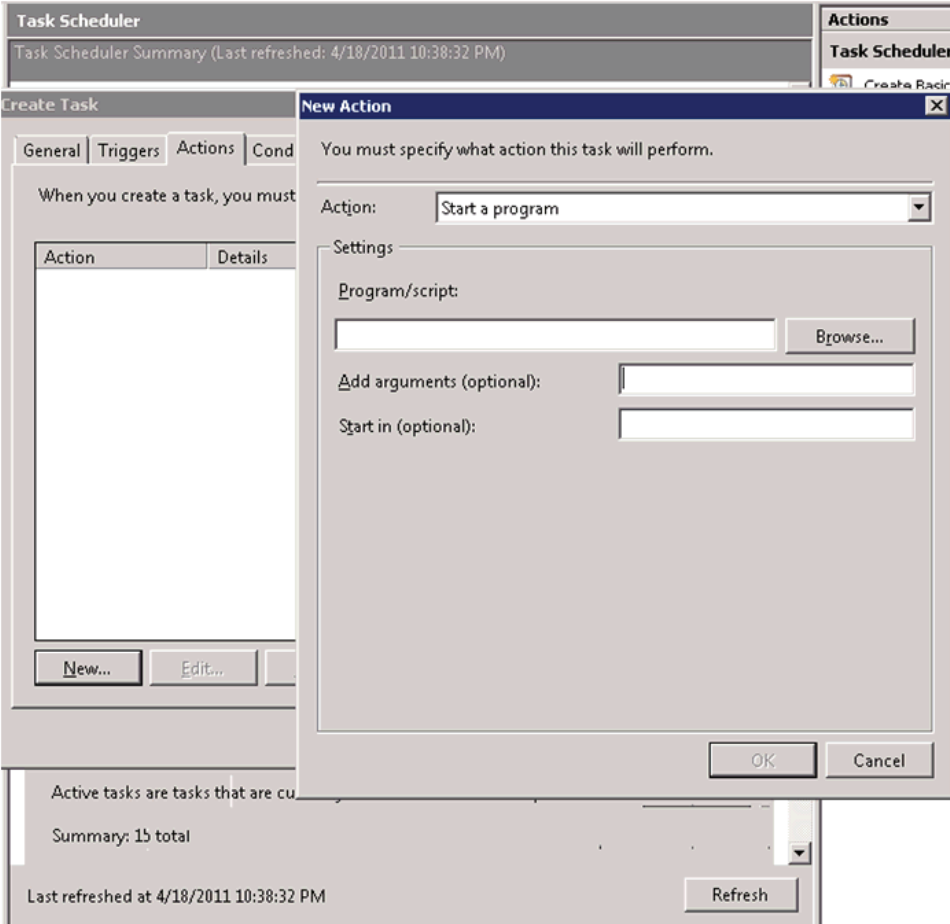
7. The following screen is displayed. Configure the task details as required, and click OK.



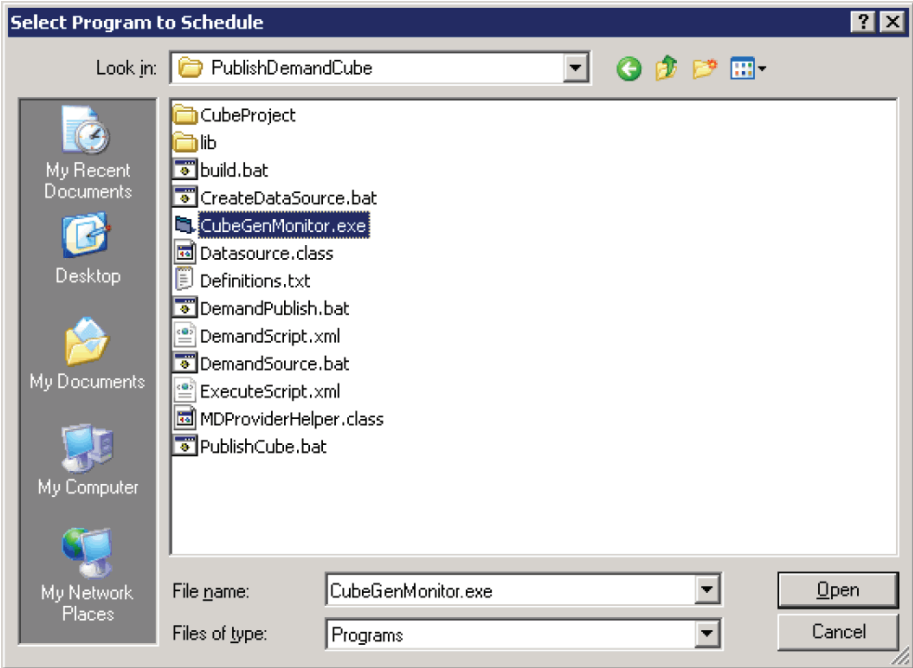
8. In the Actions tab, click **New** to create a new action item.



9. The following screen is displayed. When the system opens the following dialog box, click **Browse**.

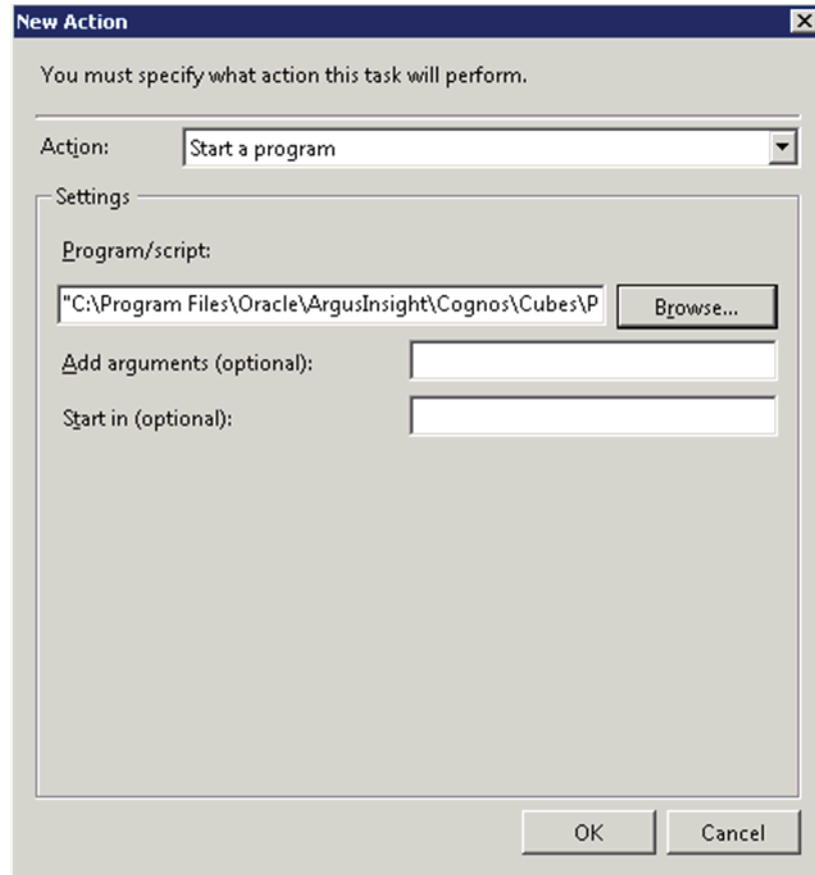


10. When the system opens the following window:

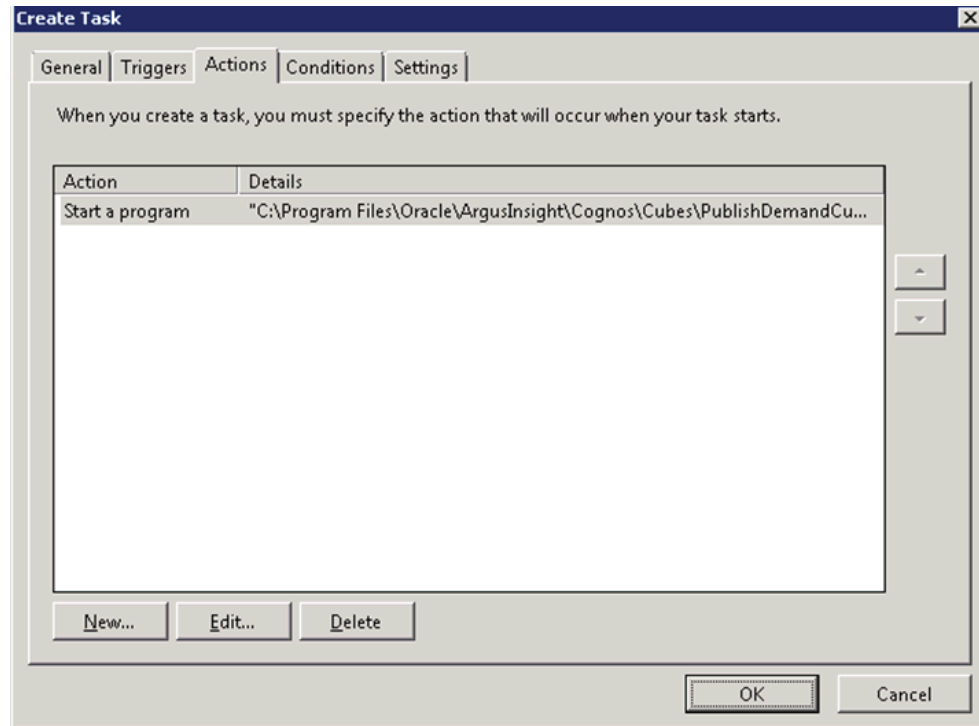


- Navigate to the following location: <Argus Insight Installation Drive>\ProgramFiles\Oracle\ArgusInsight\Cognos\Cubes\PublishDemand Cube
- Select the **CubeGenMonitor.exe** file.
- Click **Open**.

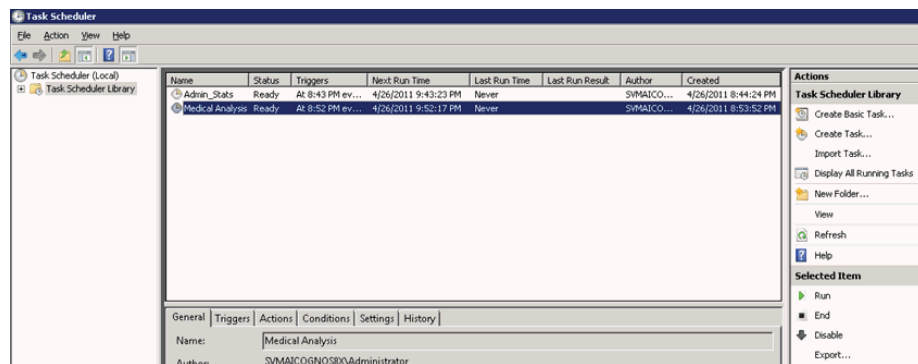
11. The **New Action** window is displayed, as follows:



12. Click **OK**. The following screen is displayed.



13. Click **OK**.
14. The system creates the newly scheduled task **Medical Analysis** (or the Cube Name that you have specified).



15. Repeat Steps 3 through 14 to schedule batch generation for the remaining cubes.

8.3 Additional Cubes Configuration

This topic has instructions on configuring the cubes.

8.3.1 Configuring Cognos 8 Cubes in Non-Shared environment

1. Configure the cogtr.xml file as shown below.

```

cogtr - Notepad
File Edit Format View Help
<?xml version="1.0" encoding="UTF-8"?>
<Settings>
  <Section Name="Transformer">
    <Preference Name="PowerPlayPath" Type="string" value="..\cer5\bin\pwrplay.exe"/>
    <Preference Name="CubeSaveDirectory" value="c:\Program Files\ArgusInsight"/>
    <Preference Name="DataSourceDirectory" value="c:\Program Files\ArgusInsight"/>
    <Preference Name="DataWorkDirectory" value="c:\temp"/>
    <Preference Name="LogFileDirectory" value="c:\temp\logs"/>
    <Preference Name="ModelSaveDirectory" value="c:\Program Files\ArgusInsight"/>
    <Preference Name="ModelWorkDirectory" value="c:\temp"/>
  </Section>
</Settings>

```

The following table describes the new parameters in this file:

Parameter	Description
CubeSaveDirectory	This is the path on the Cognos 8 server for storing the output file generated as result of cube generation process. This is the path of the Argus Insight installation directory in a non-shared environment. It provides the relative path for saving the cube output files on their exact location.
DataSourceDirectory	This is the path of the Argus Insight installation directory in a non-shared environment. This provides the relative path for the datasource files which are used for cube generation.
DataWorkDirectory	Any path on the Cognos 8 server, which will be used to store some temporary files during cube generation.
LogFileDirectory	Any path on the Cognos 8 server, where all the cube generation log files will be saved.
ModelSaveDirectory	This is the path of the Argus Insight installation directory. This provides the relative path for saving the cube model files during cube generation.
ModelWorkDirectory	Any path on the Cognos 8 server, which will be used to store some temporary files during cube generation.

2. Go to <Argus Insight Directory>\ArgusInsight\Cognos\Cubes\BatchGeneration-Cubes folder.
3. Open the GenerateCubes.cfg file.
4. Set the following parameters in the GenerateCubes.cfg file:

```

GenerateCubes.cfg - Notepad
File Edit Format View Help
'This is configuration file for batch generation of cubes'
For Series 8, port number used will be 8010 and CognosPath would be ..\Cognos\cer5\bin
ArgusInsightPath=C:\Program Files\Oracle\ArgusInsight
CognosPath=C:\Program Files\Cognos\cer5\bin
ServerName=AIPPS74:8010
CubeSaveDir=C:\Program Files\Oracle\ArgusInsight
CubeDataSourceDir=C:\Program Files\Oracle\ArgusInsight

```

Parameter	Description
ArgusInsightPath	This is the Argus Insight installation path; include the ArgusInsight folder in the string: <Argus Insight Installation path>\ArgusInsight

Parameter	Description
CognosPath	This is the location of the Cognos 8 installation bin folder: <Cognos 8 installation path>\c8\bin
ServerName	This is the name or IP address of the Cognos 8 server. If the Cognos 8 server is running on a port other than the default port, then the parameter values should be entered in this format: ServerName:PortNumber . For example, Cog8Server:9300
CubeSaveDir	This value corresponds to CubeSaveDirectory attribute of cogtr.xml file. This value will be same as value of CubeSaveDirectory in cogtr.xml file i.e. <Argus Insight Installation path>\ArgusInsight
CubeDataSourceDir	This value corresponds to DataSourceDirectory attribute of cogtr.xml file. This value will be same as value of DataSourceDirectory in cogtr.xml file i.e. <Argus Insight Installation path>\ArgusInsight

- Restart the Cognos configuration services after applying the above settings.

8.3.2 Configuring Series 7.4 Cubes in an Unshared Environment

Use the following procedure to configure Series 7.5 Cubes in an unshared environment,

- Configure the trnsfrmr.ini file as shown below.

```
trnsfrmr.ini - Notepad
File Edit Format Help
DataSourceDirectory=C:\Program Files\ArgusInsight
CubeSaveDirectory=C:\Program Files\ArgusInsight
ModelSaveDirectory=C:\Program Files\ArgusInsight
DataWorkDirectory=C:\Temp
ModelWorkDirectory=C:\Temp
LogFileDirectory=C:\Temp\cubes\logs
```

The following table describes the new parameters in this file:

Parameter	Description
CubeSaveDirectory	This is the path on the cube server for storing the output file generated as result of cube generation process. This is the path of the Argus Insight installation directory in a non-shared environment. It provides the relative path for saving the cube output files on their exact location.

Parameter	Description
DataSourceDirectory	This is the path of the Argus Insight installation directory. This provides the relative path for the data source files which are used for cube generation.
DataWorkDirectory	Any path on the Cognos Cube server, which will be used to store some temporary files during cube generation.
LogFileDirectory	Any path on the Cognos Cube server, where all the cube generation log files will be saved.
ModelSaveDirectory	This is the path of the Argus Insight installation directory. This provides the relative path for saving the cube model files during cube generation.
ModelWorkDirectory	Any path on the Cognos Cube server, which will be used to store some temporary files during cube generation.

- Go to <Argus Insight Directory>\ArgusInsight\Cognos\Cubes\BatchGeneration-Cubes folder.
- Open the GenerateCubes.cfg file.

```

GenerateCubes.cfg - Notepad
File Edit Format View Help
'This is configuration file for batch generation of cubes'
For Series 8, port number used will be 8010 and cognosPath would be ..\Cognos\cer5\bin
ArgusInsightPath=C:\Program Files\Oracle\ArgusInsight
CognosPath=C:\Program Files\Cognos\cer5\bin
ServerName=AIPPS74:8010
CubeSaveDir=C:\Program Files\Oracle\ArgusInsight
CubeDataSourceDir=C:\Program Files\Oracle\ArgusInsight

```

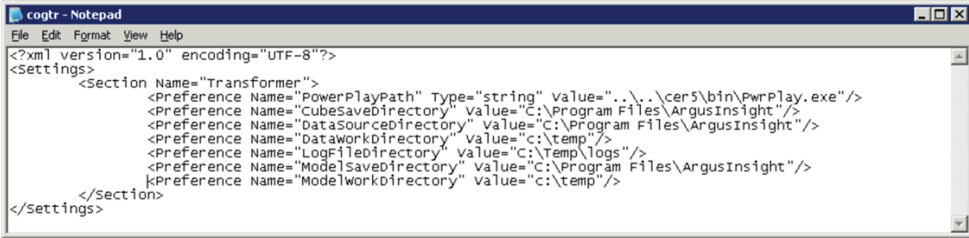
- Set the following parameters in the **GenerateCubes.cfg** file:

Parameter	Description
ArgusInsightPath	This is the Argus Insight installation path; include the ArgusInsight folder in the string: <Argus Insight Installation path> \ArgusInsight
CognosPath	This is the location of the PPES installation bin folder: <PPES installation path> \cer5\bin
ServerName	This is the name of the Cognos Cube server. If the Cognos Cube server is running on a port other than the default port, then the parameter values should be entered in this format: ServerName:PortNumber. For example, CubeServer:8010
CubeSaveDir	This value corresponds to CubeSaveDirectory attribute of trnsfrmr.ini file. This value will be same as value of CubeSaveDirectory in trnsfrmr.ini file i.e. <Argus Insight Installation path> \ArgusInsight
CubeDataSourceDir	This value corresponds to DataSourceDirectory attribute of trnsfrmr.ini file. This value will be same as value of DataSourceDirectory in trnsfrmr.ini file i.e. <Argus Insight Installation path> \ArgusInsight

- Restart the configuration manager service after applying the above settings.

8.3.3 Configuring Cognos 8 Cubes in Shared environment

1. Configure the cogtr.xml file as shown below.



```

cogtr - Notepad
File Edit Format View Help
<?xml version="1.0" encoding="UTF-8"?>
<Settings>
  <Section Name="Transformer">
    <Preference Name="PowerPlayPath" Type="string" value="..\cer5\bin\PwrPlay.exe"/>
    <Preference Name="CubeSaveDirectory" value="C:\Program Files\ArgusInsight"/>
    <Preference Name="DataSourceDirectory" value="C:\Program Files\ArgusInsight"/>
    <Preference Name="DataWorkDirectory" value="c:\temp"/>
    <Preference Name="LogFileDirectory" value="C:\Temp\logs"/>
    <Preference Name="ModelSaveDirectory" value="C:\Program Files\ArgusInsight"/>
    <Preference Name="ModelWorkDirectory" value="c:\temp"/>
  </Section>
</Settings>

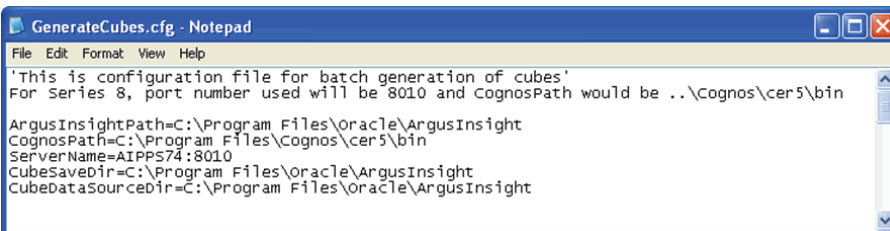
```

The following table describes the new parameters in this file:

Parameter	Description
CubeSaveDirectory	This is the path on the cube server for storing the output file generated as result of cube generation process.
DataSourceDirectory	This provides the relative path for the datasource files which are used for cube generation.
DataWorkDirectory	Any path on the Cognos 8 server, which will be used to store some temporary files during cube generation.
LogFileDirectory	Any path on the Cognos 8 server, where all the cube generation log files will be saved.
ModelSaveDirectory	This provides the relative path for saving the cube model files during cube generation.
ModelWorkDirectory	Any path on the Cognos 8 server, which will be used to store some temporary files during cube generation.

Note: The path for the **DataSourceDirectory** and the **ModelSaveDirectory** should always be same whether they are in a shared or unshared environment.

2. Copy the COGNOS folder present under <Argus Insight Installation Directory>\ArgusInsight folder and paste the entire COGNOS folder on the path provided for DataSourceDirectory and ModelSaveDirectory attributes.
3. Make sure that path provided for CubeSaveDirectory exists on the server.
4. Go to <DataSourceDirectory>\Cognos\Cubes\BatchGeneration-Cubes folder.
5. Open the GenerateCubes.cfg file.



```

GenerateCubes.cfg - Notepad
File Edit Format View Help
'This is configuration file for batch generation of cubes'
For Series 8, port number used will be 8010 and CognosPath would be ..\Cognos\cer5\bin
ArgusInsightPath=C:\Program Files\oracle\ArgusInsight
CognosPath=C:\Program Files\Cognos\cer5\bin
ServerName=AIPPS74:8010
CubeSaveDir=C:\Program Files\oracle\ArgusInsight
CubeDataSourceDir=C:\Program Files\oracle\ArgusInsight

```

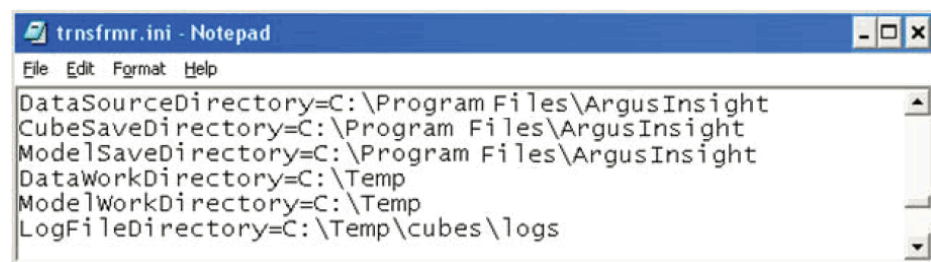
6. Set the following parameters in the GenerateCubes.cfg file:

Parameter	Description
ArgusInsightPath	This is the Argus Insight installation path; include the ArgusInsight folder in the string: <Argus Insight Installation path>\ArgusInsight
CognosPath	This is the location of the Cognos 8 installation bin folder: <Cognos 8 installation path>\c8\bin
ServerName	This is the name or IP address of the Cognos 8 server. If the Cognos 8 server is running on a port other than the default port, then the parameter values should be entered in this format: ServerName:PortNumber . For example, Cog8Server:9300
CubeSaveDir	This value corresponds to CubeSaveDirectory attribute of cogtr.xml file. This value will be same as value of CubeSaveDirectory in cogtr.xml file i.e. <Path of CubeSaveDirectory>.
CubeDataSourceDir	This value corresponds to DataSourceDirectory attribute of cogtr.xml file. This value will be same as value of DataSourceDirectory in cogtr.xml file i.e. <Path of DataSourceDirectory >

7. Schedule the cubes for generation using files present in the <DataSourceDirectory>\Cognos\Cubes\BatchGeneration-Cubes folder. Demand cubes will be scheduled using **CubeGenMonitor.exe** file present under <DataSourceDirectory>\Cognos\Cubes\PublishDemandCube folder.
8. All other configurations remain same.
9. Restart the Cognos configuration services after applying the above settings.

8.3.4 Configuring Series 7.4 Cubes in Shared environment

1. Configure the trnsfrmr.ini file as shown below.



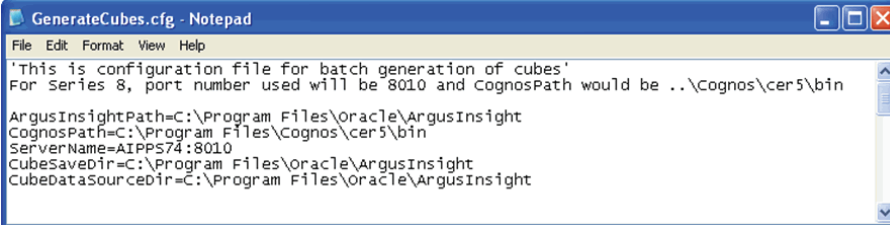
The following table describes the new parameters in this file:

Parameter	Description
CubeSaveDirectory	This is the path on the cube server for storing the output file generated as result of cube generation process.
DataSourceDirectory	This provides the relative path for the datasource files which are used for cube generation.
DataWorkDirectory	Any path on the Cognos Cube server, which will be used to store some temporary files during cube generation.

Parameter	Description
LogFileDirectory	Any path on the Cognos Cube server, where all the cube generation log files will be saved.
ModelSaveDirectory	This provides the relative path for saving the cube model files during cube generation.
ModelWorkDirectory	Any path on the Cognos Cube server, which will be used to store some temporary files during cube generation.

Note: The path for the **DataSourceDirectory** and the **ModelSaveDirectory** should always be same whether they are in a shared or unshared environment.

- Copy the COGNOS folder present in the <Argus Insight Installation Directory>\ArgusInsight folder and paste the entire COGNOS folder on the path provided for DataSourceDirectory and ModelSaveDirectory attributes.
- Make sure that path provided for **CubeSaveDirectory** exists on the server.
- Go to <DataSourceDirectory>\Cognos\Cubes\BatchGeneration-Cubes folder.
- Open the **GenerateCubes.cfg** file.



```

GenerateCubes.cfg - Notepad
File Edit Format View Help
'This is configuration file for batch generation of cubes'
For Series 8, port number used will be 8010 and CognosPath would be ..\Cognos\cer5\bin

ArgusInsightPath=C:\Program Files\Oracle\ArgusInsight
CognosPath=C:\Program Files\Cognos\cer5\bin
ServerName=AIPPS74:8010
CubeSaveDir=C:\Program Files\Oracle\ArgusInsight
CubeDataSourceDir=C:\Program Files\Oracle\ArgusInsight

```

- Set the following parameters in the **GenerateCubes.cfg** file:

Parameter	Description
ArgusInsightPath	This is the Argus Insight installation path; include the ArgusInsight folder in the string: <Argus Insight Installation path>\ArgusInsight
CognosPath	This is the location of the Cognos 8 installation bin folder: <PPES installation path>\cer5\bin
ServerName	This is the name of the Cognos Cube server. If the Cognos Cube server is running on a port other than the default port, then the parameter values should be entered in this format: ServerName:PortNumber . For example, CubeServer:8010
CubeSaveDir	This value corresponds to CubeSaveDirectory attribute of trnsfrmr.ini file. This value will be same as value of CubeSaveDirectory in trnsfrmr.ini file i.e. <Path of CubeSaveDirectory>.

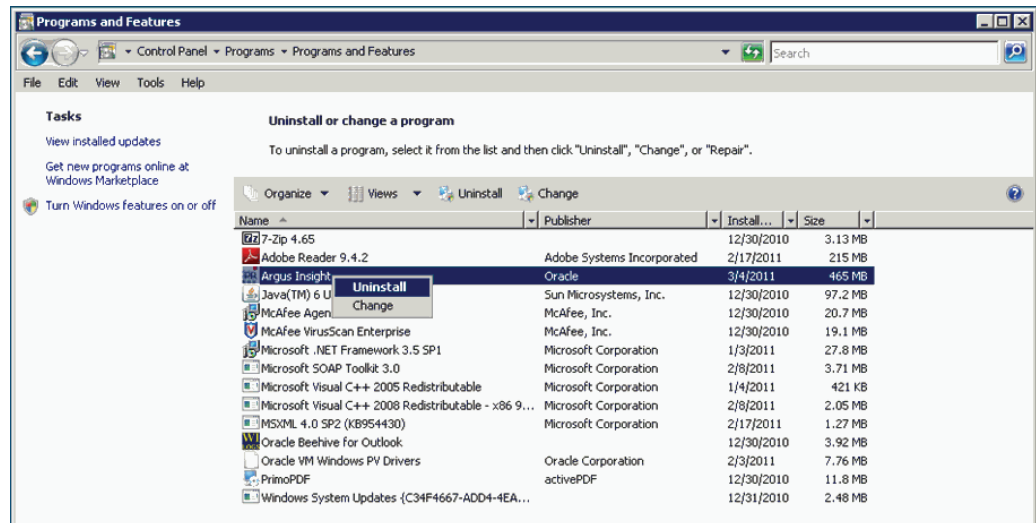
Parameter	Description
CubeDataSourceDir	This value corresponds to DataSourceDirectory attribute of trnsfrmr.ini file. This value will be same as value of DataSourceDirectory in trnsfrmr.ini file i.e. <Path of DataSourceDirectory > . This is the path where we have copied the entire COGNOS folder from Argus Insight installation directory.

7. Schedule the cubes for generation using files present in the "**<DataSourceDirectory>\Cognos\Cubes\BatchGeneration-Cubes**" folder.
8. Demand cubes will be scheduled using "**CubeGenMonitor.exe**" file present under "**<DataSourceDirectory>\Cognos\Cubes\PublishDemandCube**" folder.
9. All other configurations remain same.
10. Restart the configuration manager service after applying the above settings.

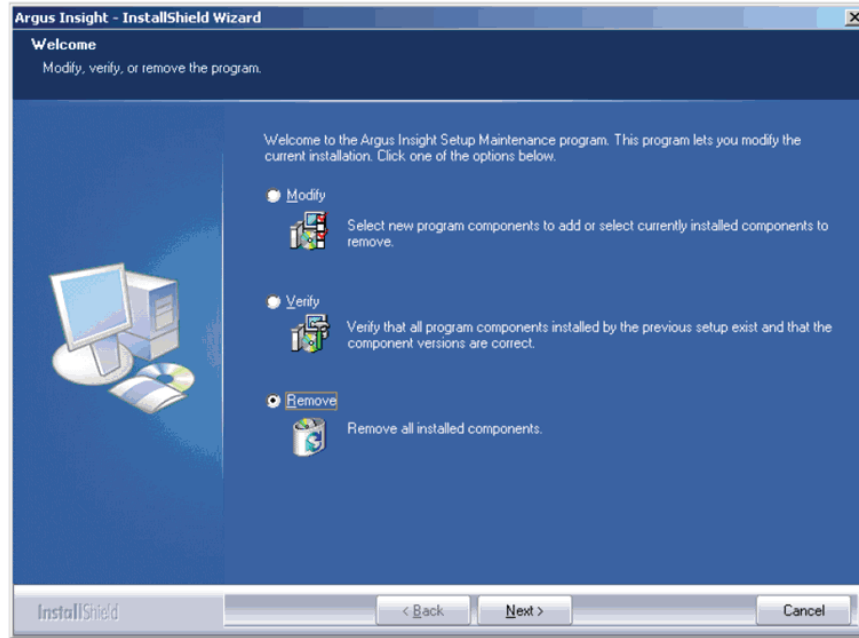
Un-Installing Argus Insight

Follow these steps to perform the un-installation of Argus Insight:

1. Log on to the Argus Insight Web Server as an Admin user.
2. Go to **Uninstall or change a program** by going to Control Panel > Programs > Programs and Features.
3. Right-click on Argus Insight and select **Uninstall**, as shown below.



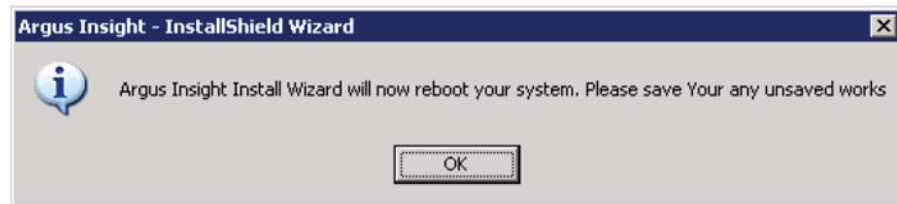
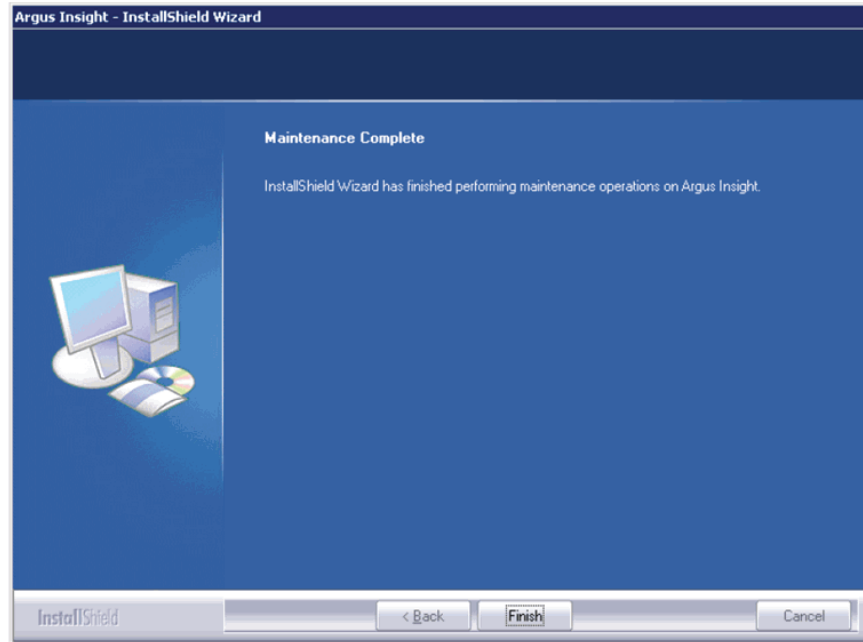
4. The following screen appears. Select **Remove** (3rd option) and click **Next**.



5. A warning message is displayed: "Do you want to completely remove the selected application and all of its features"?



6. Select **Yes** to continue.
7. The system will uninstall the Argus Insight application and will ask to restart the Argus Insight web server.



8. Click **OK** to restart the Argus Insight web server.
9. Log on to Argus Insight web server as Admin user once it is up again.
10. Go to the Argus Insight installation directory (Where Insight was installed before un-installation).
11. Remove the Argus Insight folder completely from this location.
12. Reset the IIS before starting the installation of Argus Insight again.

Follow the same steps as mentioned above for un-installing Argus Insight from Cognos/Cube server.