



**InfoBurst
Repository
Copy or Move
+
InfoBurst Server Move**

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Introduction

This guide is designed to help you understand what steps you need to take when you are considering MOVING or COPYING your InfoBurst Repository and the other case where you want to move your InfoBurst Server but keep the same repository.

When should I need to MOVE my repository?

There are two main reasons for moving your InfoBurst repository.

- (A) You are switching to an alternate database server because your DBA has said you need to move off from the current server. You may be moving because you have new hardware or you are moving to a more powerful server.
- (B) You have constructed your InfoBurst repository on a test database server and now you wish to deploy it to the production database server.

Remember – MOVE implies that you will remove the repository from its original location once it is installed in its new home. If you have a single InfoBurst Server License then you should only be operating with a single InfoBurst Repository but you are entitled to move your repository as often as you want.

When should I need to COPY my repository?

There are two main reasons for copying your InfoBurst repository.

- (A) You are taking a copy of your production repository and intending to use this for testing InfoBurst on a second server – a test or development server.
- (B) You are taking a copy of your test repository and intending to use this in production from a production database server. You may have performed a document migration in test, and now you wish to take this across into production.

Remember - COPY implies that you intend to run a second copy of InfoBurst, probably on a development/test platform. You should only consider copying your repository if you understand the licensing implications of doing so.

If you have purchased a Development/Test InfoBurst License

Then you are fully entitled to operate a second InfoBurst Server for purposes of testing things like – new InfoBurst software versions; new BI software versions; new or migrated documents. Once you have copied the repository, you need to install the Development/Test license issued to you by InfoSol. This server installation is fully supported by InfoSol under your annual software maintenance agreement.

If you have NOT purchased a Development/Test InfoBurst License

InfoSol grant you the right to set up a temporary test InfoBurst server for testing new versions of the InfoBurst software prior to going into production. This facility is available for 30 days only and comes with no support from InfoSol.

Identifying the files to be moved or copied

You have three provider choices when creating an InfoBurst repository: -

SQL Server
Oracle
MySQL

Your DBA will probably know what needs to be moved or copied. Here are some guidelines in any case: -

SQL Server

The standard storage location for your database files is normally: -
C:\Program Files\Microsoft SQL Server\MSSQL\Data

You can either detach the whole database – it will end up as a <database-name>.mdf and then re-attach on the target server

or

you can backup this whole database – it will end up as <database-name>.bkf and then restore on the target server

or

use other techniques available from SQL Server Enterprise Manager to copy the whole database from one server to another

On the target server, SQL Server must be set up to use SQL Server authentication (or SQL Server + NT authentication) – as InfoBurst will expect you to supply a SQL Server Username & Password when you access the database.

Oracle

If you defined a new User/Schema to contain the InfoBurst tables, then you can produce an Export file (.dmp) that contains everything, and then restore this on the target server. If you used an existing User/Schema to add the InfoBurst tables, then you will need to copy out everything by reference to the table names.

Tables: Beginning with IBT_
Sequences: Beginning with IBS_
Indexes: Beginning with IBX_

MySQL

The standard storage location for your database files is normally: -
C:\Program Files\MySQL\MySQL Server 5.0\data

There are Administration Backup and Restore functions that will help you manage the Database/Tables.

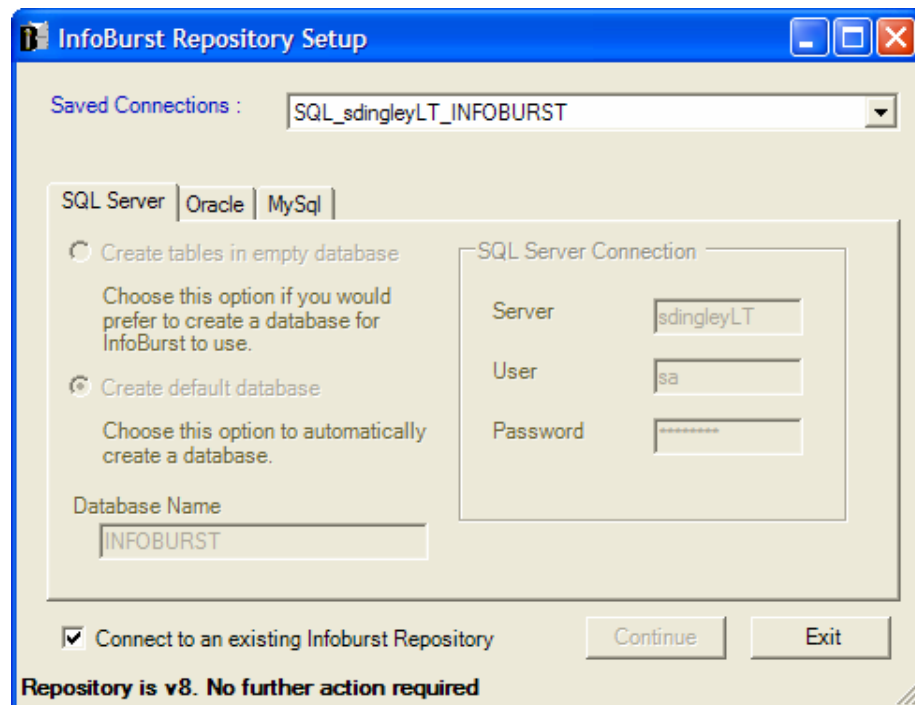
Moving the Repository

Assuming that the repository being moved is restored on the new database server, and that you are accessing it from the current InfoBurst Server, then go through the following steps: -

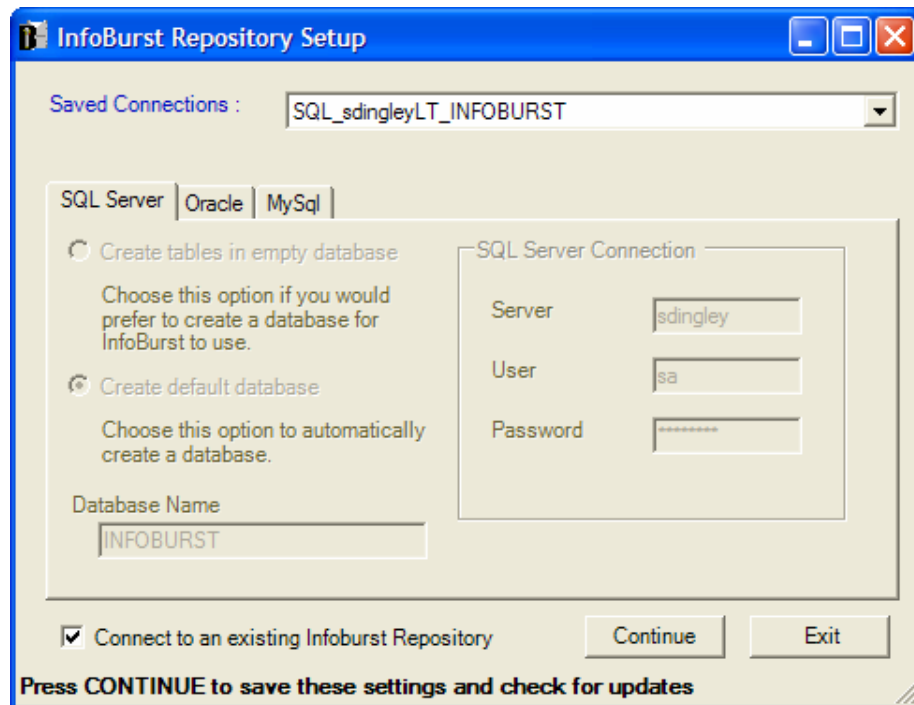
- (1) From Control Panel / Services, stop the InfoBurst Cataloging & Scheduling Service. Also make sure there are no InfoBurst jobs running, and that no one is logged on to the InfoBurst Web Application doing any changes to the current repository.
- (2) From the start program menu on the InfoBurst Server, run the program Repository Setup. In the dialog box that appears you need to point your database connection to the new database server. **Uncheck the checkbox** on the lower left corner, keep database provider (and Database Name) the same and enter the text prompts required – server, user, password. Now **Check the checkbox** to confirm that you wish to connect to an existing repository. In the example below – we are changing from a database server named ‘sdingleyLT’ to a new database server named ‘sdingley’.

The sequence of screens is shown in the example below: -

Once you launch the program, it will attempt to connect to the existing repository. This screen confirms the existing connection to the original database server. If you have already removed the repository, the screen will show that no current connection can be established.

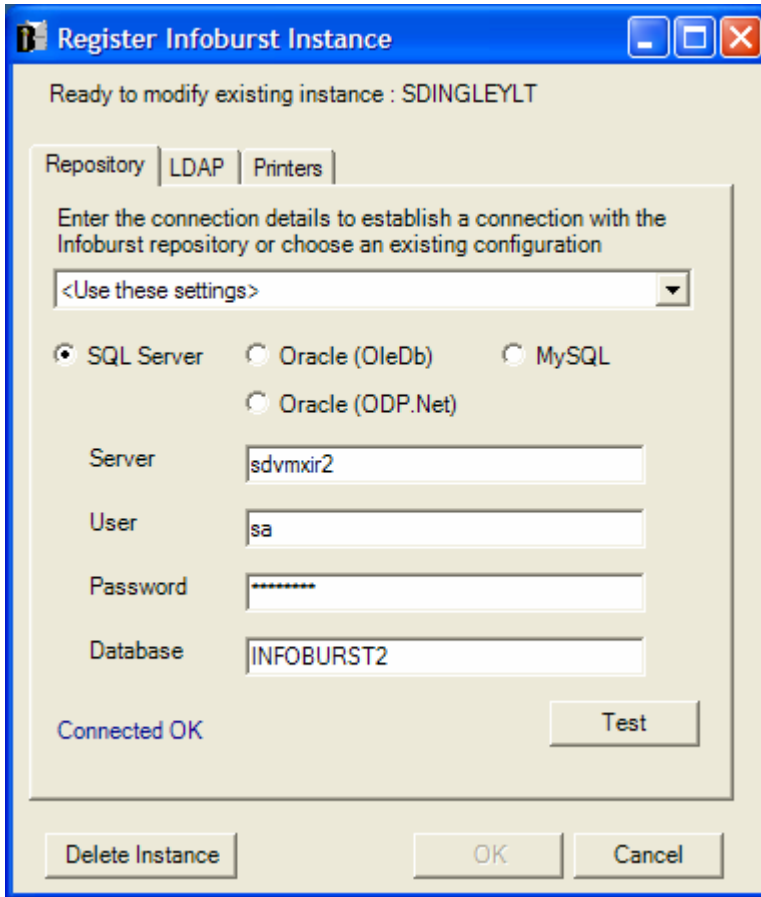


Now uncheck the checkbox, change the connection details, check the checkbox and look for a confirmation screen like the one shown below. Press 'Continue' to save the new settings.

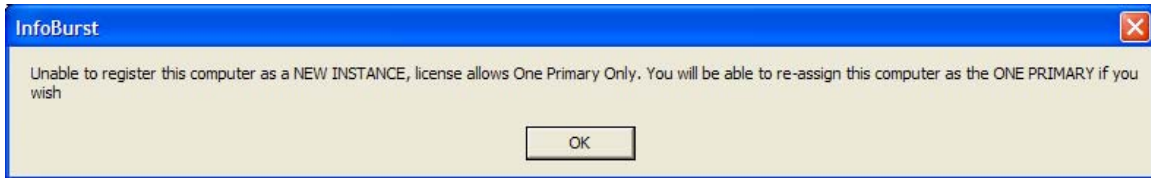


- (3) As long as your InfoBurst Server has not moved from its current server, then you can proceed directly to step 4 – Restart the InfoBurst Service. If you have moved the InfoBurst Server as well, then you need to run the InfoBurst Utility program 'Register Instance' from the new InfoBurst Server. When you run this program and select the Repository tab, you are activating the process that will take the current InfoBurst Server name, and register it inside the InfoBurst Repository. This is vital for two reasons: -
- InfoBurst needs to establish a link between its repository and the one or more InfoBurst Servers that are present and available to run jobs (depending on the extent of your license) that are queued on the repository.
 - InfoBurst needs to have one and only one **Primary InfoBurst Server** that will run the InfoBurst Cataloging & Scheduling Service as the 'Controller' – in charge of cataloging reports & scheduling jobs. If you end up with NO Primary or More Than One Primary – you are in trouble.

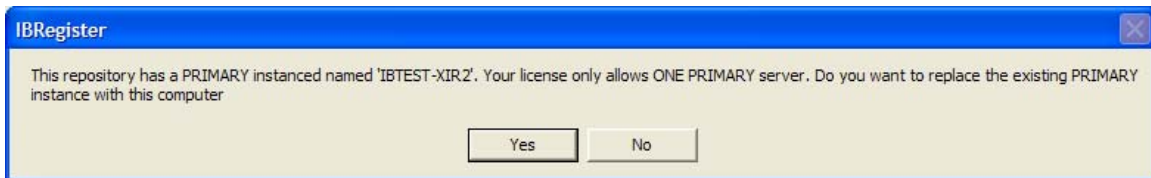
From the start program menu on the InfoBurst Server, run the program Register Instance. In the dialog box that appears, select the Repository tab.



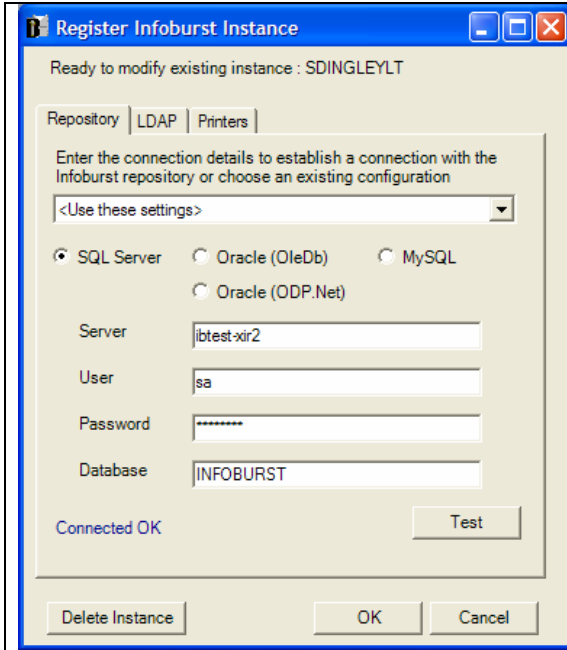
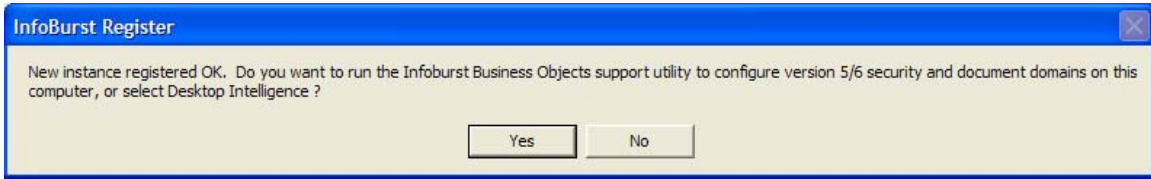
Your original InfoBurst Server is registered as the ‘Primary Instance’ on this repository, and your license only supports a single InfoBurst Server, so you will get a warning message like the one below: -



You are given the option to replace the existing primary server with the new one – so you will answer Yes to this question shown below: -



You are offered the chance to run the InfoBurst BO Configuration utility that will detect which full-client version of BusinessObjects is loaded on the server. You do not need to run this – so answer No to the question below: -



Once you have registered your new InfoBurst Server – then this utility will correctly show the new connection details in the dialog panel.

Click on the Test button to confirm that you have connectivity

Click on OK to save the settings

Your new InfoBurst server is now 'Registered' as the primary InfoBurst server on this database repository.

(4) Now that you have pointed InfoBurst at the new database server, you can restart the InfoBurst Cataloging & Scheduling Service. To confirm that everything has started up OK, open up the server log file, pathname: -

C:\program files\infosol\infoburst\logs\IBSERVER_MMDDYYYY.log
check to see that the following entries appear: -

```
[MAIN] 05/15/07 12:51:08 : =====
[MAIN] 05/15/07 12:51:08 : ===== IBSERVER STARTED =====
[MAIN] 05/15/07 12:51:08 : =====
[MAIN] 05/15/07 12:51:08 : VERSION_INFO: v2.5 build 114
[MAIN] 05/15/07 12:51:08 : START CONTROLLER
[CONTROLLER] 05/15/07 12:51:08 : STARTED
[CONTROLLER] 05/15/07 12:51:08 : DB_CONNECTION_OK, Schema Ver=8, Type=SQL Server
[CONTROLLER] 05/15/07 12:51:08 : LICENSE_INFO: ENTERPRISE
[CONTROLLER] 05/15/07 12:51:08 : LICENSE_INFO: One Primary and One Secondary
[CONTROLLER] 05/15/07 12:51:08 : THIS IS THE PRIMARY SERVER
[CONTROLLER] 05/15/07 12:51:08 : SET_SERVER_STATUS OK
[CONTROLLER] 05/15/07 12:51:08 : READY
[EVTWATCH] 05/15/07 12:51:08 : STARTED
[EVTWATCH] 05/15/07 12:51:08 : > WAIT COMMANDER
[DISPATCHER] 05/15/07 12:51:13 : STARTED, MAX CONCURRENT=3
[CATALOGER] 05/15/07 12:51:13 : STARTED
[DISPATCHER] 05/15/07 12:51:13 : READY
[COMMANDER] 05/15/07 12:51:13 : STARTED
[COMMANDER] 05/15/07 12:51:13 : READY on Port #7620
[CATALOGER] 05/15/07 12:51:13 : READY
```

The important entries are: -

DB_CONNECTION_OK and THIS IS THE PRIMARY SERVER.

Copying the Repository

Assuming that the repository being copied is restored on the new database server, and that you are accessing it from the intended InfoBurst Server (probably your test InfoBurst Server) then go through the steps as described for Moving the Repository – and make sure that Step 3 is included and also remember to install your license file (probably your ‘Development’ Server license) as indicated in Step 4.

- (1) Stop the InfoBurst Cataloging & Scheduling Service.
- (2) Run Repository Setup to point your InfoBurst Server to the new repository.
- (3) Run Register Instance to make sure your InfoBurst Server is the ‘Primary’
- (4) Run the InfoBurst License Manager & install the Development License (*).
- (5) Start the InfoBurst Cataloging & Scheduling Service & check the server log.

Note (*)

You have copied the repository – so you are intending to run a second InfoBurst Server. The normal process is to run a production InfoBurst Server, and if you purchased a ‘Development or Test’ license then you will probably want to install InfoBurst on a second server and rather than start with a new blank repository, you are able to take a copy of the production InfoBurst repository and use that as a basis for your test InfoBurst server. The test InfoBurst Server must not operate with the production license, so make sure that you take care of Step 4 – Install Development License.

InfoBurst Configuration Data

The following information is provided as clarification of the data that is stored in the InfoBurst Repository by the Repository Setup and Register Instance programs.

Table: CONFIG (Oracle=IBT_CONFIG)

instance	category	name	TypeInfo	Value	description
__GLOBAL	LDAP	UserMask	s256	{F1}{S#}	The default mask to use when importing users into Infoburst
SDINGLEYLT	IBSERVER	@LastUpdate	s20	1/15/2007 12:17 PM	
SDINGLEYLT	IBSERVER	@Connected	s20	5/15/2007 2:21 PM	
SDINGLEYLT	IBSERVER	MaxNumber	r0;20	3	The maximum number of concurrent instances of the Infoburst runtime
SDINGLEYLT	IBSERVER	IsPrimary	b	1	Is this instance the main instance of Infoburst ? (there should only be ONE primary instance)
SDINGLEYLT	IBSERVER	ErrorAlert	b	0	Do you want Infoburst to send an email if it detects what could be a database or connection t
SDINGLEYLT	IBSERVER	ErrorCount	n0;9999	30	The number of errors that would trigger the abort notification email
SDINGLEYLT	IBSERVER	ErrorMinutes	n1;120	30	The number of minutes where the [ErrorCount] value will be accumulated
SDINGLEYLT	IBSERVER	ErrorExcludeFrom	t		A starting time to exclude when looking for server errors (for example if the database server
SDINGLEYLT	IBSERVER	ErrorExcludeTo	t		An ending time for [ErrorExcludeFrom]
SDINGLEYLT	IBSERVER	NoActivityCleanup	r1;12	4	The number of hours to elapse before Infoburst will consider a burst activity to be aborted if r
SDINGLEYLT	IBRUN	OnAbortArchive	b	0	Do you want Infoburst to archive any generated reports if a burst aborts ?
SDINGLEYLT	IBRUN	ArchiveTo	s256		The path to use if [OnAbortArchive] is set
SDINGLEYLT	IBRUN	RefreshRetry	n0;5	0	The number of times to retry if a document refresh fails
SDINGLEYLT	IBRUN	RefreshRetryWait	n5;320	20	The number of seconds to wait before the next [RefreshRetry]
__GLOBAL	EMAIL	AddDisclaimer	b	0	Add disclaimer to every email sent from InfoBurst ?
__GLOBAL	WEBSITE	FolderBrowserWidt	n100;500	200	The width of the folder browser for object management screens
__GLOBAL	WEBSITE	FolderBrowserHeigl	n100;1000	400	The height of the folder browser for object management screens
__GLOBAL	WEBSITE	FolderBrowserAuto	b	1	Determines if the folder browser should remain a fixed size and scroll items
__GLOBAL	WEBSITE	DocStore	s128	c:\netpub\wwwroc	The path to the DOCSTORE folder on the web server (used when distributing to the InfoBurst
__GLOBAL	WEBSITE	ExtPath	s128	http://SDINGLEYLT	The external HTTP address for the web site (used to provide notification links to server docum

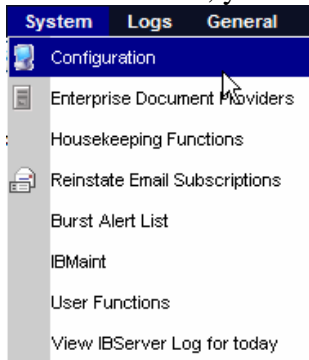
The data shown is just an example of the data that is stored.

The important thing to note is that the first column 'instance' should either contain __GLOBAL which denotes that this is a global setting within InfoBurst OR it should contain the server name of your registered InfoBurst Server. Normally there will only be one server name showing up, excepting where you have purchased a Secondary Production license that enables you to have TWO InfoBurst Servers running from the same repository.

In the above example, InfoBurst Server SDINGLEYLT is registered as the one primary server – note that IsPrimary is set to value = 1.

If you have run register instance, restarted your InfoBurst Cataloging & Scheduling service and things are not running as expected, then take a look at your database table and check that you are seeing the correct server name. If more than one server name is showing up in the instance column, or your InfoBurst server is not showing as the primary server, you need to go back, review the steps you went through and redo the process to correct it.

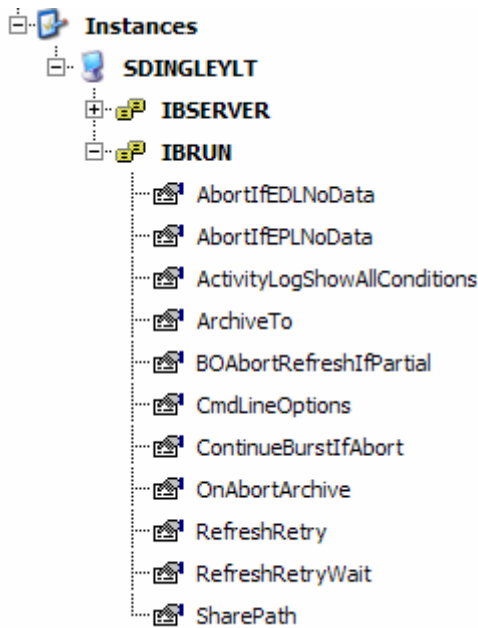
From InfoBurst, you manage the values stored in the CONFIG table by selecting



The configurable properties are displayed in a tree node structure. Notice that under the 'Instances' node – you will see a reference to your InfoBurst Server with configuration nodes for both IBSERVER and IBRUN.



Configuration settings for all properties will correspond to the values stored in the CONFIG table



You should always use the Web User interface to change the values rather than applying them to the table direct. For some settings, any changes you make will only be reflected when you restart the InfoBurst Cataloging & Scheduling Service.

Moving the InfoBurst Server

Assuming that the repository is staying on the same database server and you just wish to relocate the InfoBurst server to a different box then these are the steps you need to follow to get InfoBurst working on the new server: -

- (1) Make sure that InfoBurst is un-installed from the original server OR that the InfoBurst Cataloging & Scheduling Service is stopped and set to Manual. You must not have two InfoBurst servers running that both connect to the same repository. It is still possible for the original server to intercept and run jobs even after you have installed the new InfoBurst server.
- (2) Install InfoBurst Software on the new InfoBurst Server.
- (3) Run Repository Setup to point your InfoBurst Server to the existing repository.
- (4) Run Register Instance to make sure your InfoBurst Server is the 'Primary'
- (5) Start the InfoBurst Cataloging & Scheduling Service & check the server log.

Remember – if you do not un-install InfoBurst from the original server and someone inadvertently starts the InfoBurst Cataloging & Scheduling Service on that server then you may find that your jobs start aborting because they are being run on the original server and not on the new server as intended.

As you are moving the InfoBurst Server, then you should not need to run the License Manager program to install a new license file.