



# HFM application Migrating using LCM

**Created By : Amit Sharma**

**Contact Point : [bisp.consulting@gmail.com](mailto:bisp.consulting@gmail.com)**

**<http://learnhyperion.wordpress.com>**

# Introduction

In every Hyperion Financial Management application we need to define following things to specify and define the Application

1. HFM Application Dimensions
2. Documents associated with the HFM application
3. The Data Forms are created by the developer for the Business Users
4. Intercompany Transactions
5. Journals
6. Member lists
7. Rules
8. Security

For every application it don't restrict itself only in single server or only in developers machine. We need the backup of application in case the server face any technical crisis or we need to move the application from development environment to testing environment.



## HFM application Migrating using LCM

We use “HFM application Migration” for two major operation

1) Moving Application from one environment to another.

(Development to Testing Environment)

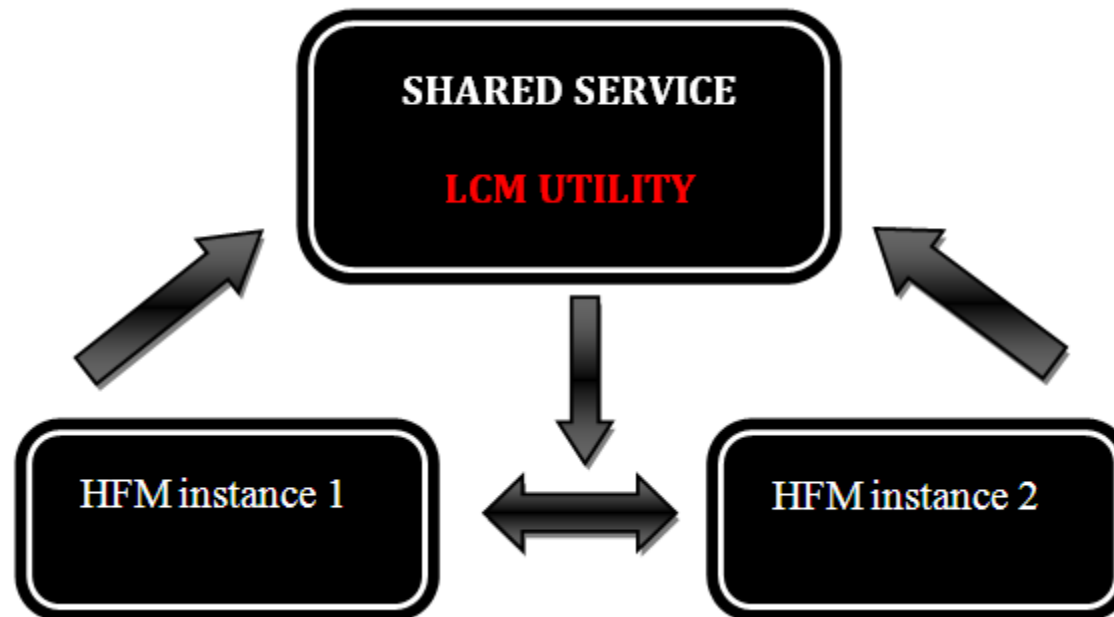
2) Taking Application Backup/Restore .

This process is performed by LCM ( Life Cycle Management).

- The process of moving an application or artifact from one environment to another with the same version.(Development, Test, Production)
- Command Line capabilities
- Exported files can be modified to make changes easier.

## Life Cycle Management

Lifecycle Management (LCM) provides a consistent way for Hyperion products to migrate an application, cube, repository, or individual artifacts across product environments and operating systems. The LCM interface is integrated with Oracle's Hyperion® Shared Services Console. LCM also supports a command-line utility.





## LCM features:

- Browsing applications and folders
- Searching for artifacts
- Comparing applications and folders
- Migrating an entire application or repository or individual artifacts
- Application Migration Wizard:
  - Application to Application
  - Application to Server File System
  - Exported Application to Application
- Saving and loading a package file
- Migration Status Report
- Migration Audit Report
- Security—LCM Administrator role
- Command-Line Utility
- API

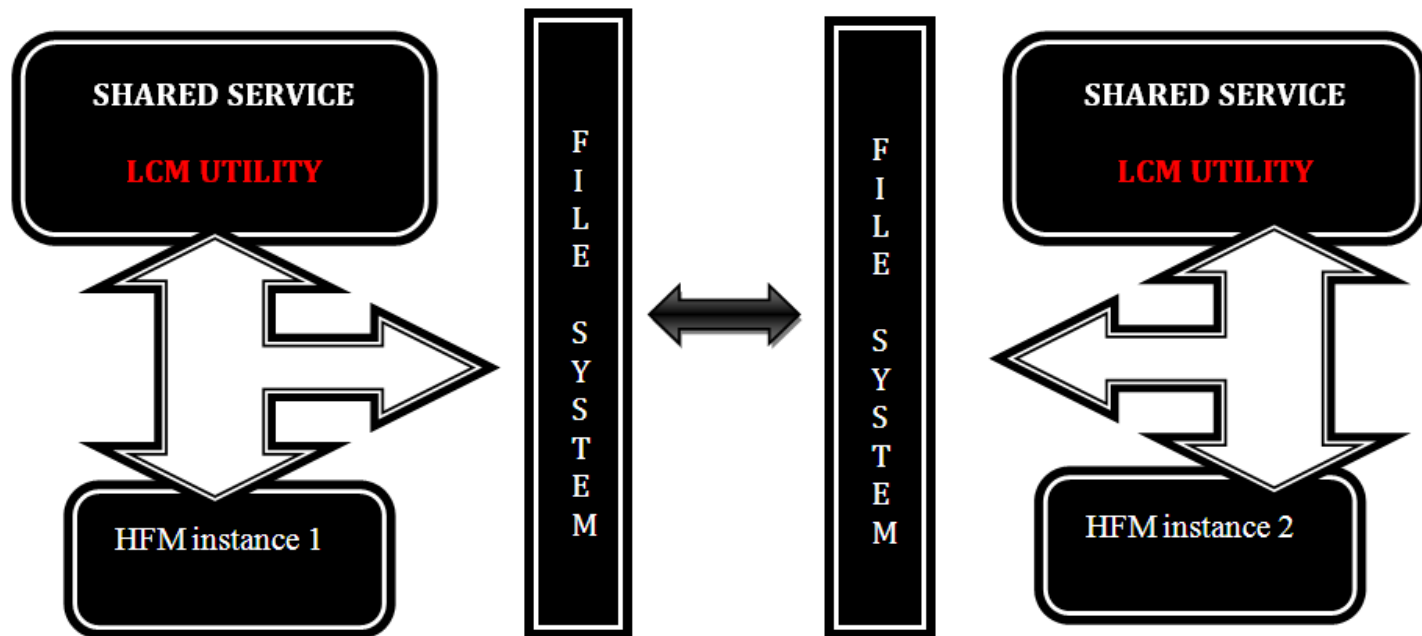
## Artifacts

An artifact by definition is an object that has been created for a practical purpose. In this case any pieces of your EPM that contain meta-data or data. When we use the LCM tool we are able to select individual objects or artifacts during the migration. However, one cannot move an individual report object via LCM.

Artifact List		Selected Artifacts	Search Artifacts	Application: CLASHFM1	
Name		Size (KB)	Type	Modified Date	
<input type="checkbox"/>	<input checked="" type="checkbox"/> Dimensions		Folder		
<input type="checkbox"/>	<input checked="" type="checkbox"/> Documents		Folder		
<input type="checkbox"/>	<input checked="" type="checkbox"/> Forms		Folder		
<input type="checkbox"/>	<input checked="" type="checkbox"/> InterCompany		Folder		
<input type="checkbox"/>	<input checked="" type="checkbox"/> Journals		Folder		
<input type="checkbox"/>	<input checked="" type="checkbox"/> Member Lists		Folder		
<input type="checkbox"/>	<input checked="" type="checkbox"/> Rules		Folder		
<input type="checkbox"/>	<input checked="" type="checkbox"/> Security		Folder		

## How does the LCM utility work?

It's all XML based. That is to say that once we define our migration (i.e.: select which artifacts are to be moved) an XML, file-system based directory structure is created. It is created under the Shared Services directory on the server for which Shared Services resides. After we define the migration and your XML-based file structure is created, one whom has LCM administrator permissions must then manually move the file-structure from one server environment to the other. That can be done either by copying and pasting or via FTP.

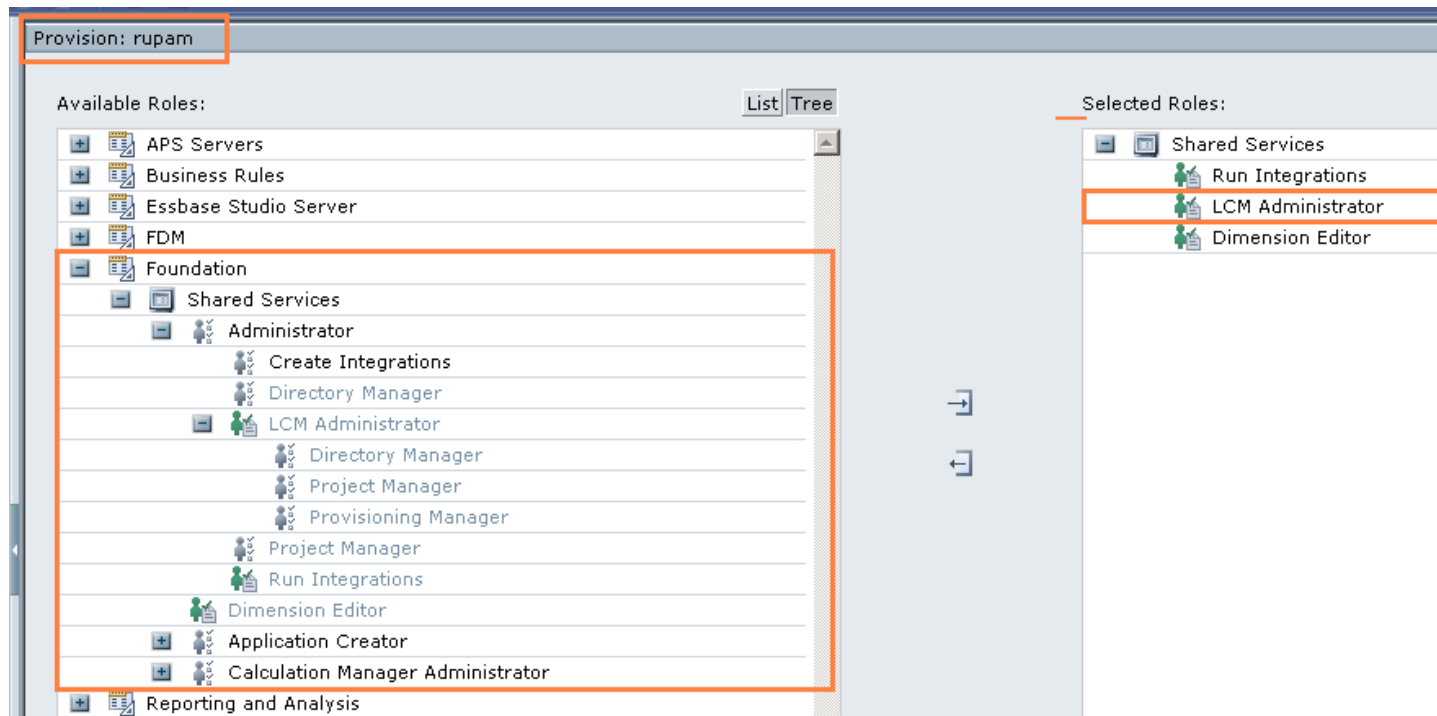




# Configuration Requirement

## Shared Services Provisioning

- User ID used must be provisioned appropriately to allow access to the apps being exported or imported
- Can only backup / restore what they have access to
- Provisioning must include LCM Administrator







## Migration of Shared Service

- Order of **Export** does not matter
  - We are just creating text files.
- Order of **Importing** is important
  - Shared Services Security should be 1st.

http://hypbisp:28080 - Hyperion Shared Services Console - Microsoft Internet Explorer

File View Administration Help

Application Management

- + User Directories
- Application Groups
  - + APS Servers
  - + Business Rules
  - + Default Application Group
  - + Essbase Studio Server
  - + FDM
  - + File System
  - Foundation
    - Deployment Metadata
    - EPM Architect
    - Shared Services
- + Reporting and Analysis

Artifact List	Selected Artifacts	Search Artifacts	Application: Shared Services
Name	Size (KB)	Type	Modified Date
<input checked="" type="checkbox"/> Native Directory		Folder	
<input checked="" type="checkbox"/> Assigned Roles		Folder	February 3, 2011
<input checked="" type="checkbox"/> APS Servers		Folder	
<input checked="" type="checkbox"/> BISPAPP1		Assigned Roles	February 2, 2011
<input checked="" type="checkbox"/> HFR		Assigned Roles	February 3, 2011
<input checked="" type="checkbox"/> Business Rules		Folder	
<input checked="" type="checkbox"/> HBRAPP		Assigned Roles	February 2, 2011
<input checked="" type="checkbox"/> Default Application G...		Folder	
<input checked="" type="checkbox"/> Essbase Studio Serv...		Folder	
<input checked="" type="checkbox"/> FDM		Folder	
<input checked="" type="checkbox"/> Foundation		Folder	
<input checked="" type="checkbox"/> Shared Services		Assigned Roles	February 3, 2011
<input checked="" type="checkbox"/> Reporting and Analy...		Folder	
<input checked="" type="checkbox"/> Delegated Lists		Delegated Lists	
<input checked="" type="checkbox"/> Groups		Groups	February 2, 2011
<input checked="" type="checkbox"/> Roles		Aggregated Roles	February 2, 2011
<input checked="" type="checkbox"/> Users		Users	February 3, 2011
<input type="checkbox"/> Taskflows		Folder	

## HFM application Migrating using LCM

- When Exporting Reports, Generally use “Select All” button

http://hyppbsp:28080 - Hyperion Shared Services Console - Microsoft Internet Explorer

File View Administration Help

Application Management

- + User Directories
- Application Groups
  - + APS Servers
  - + Business Rules
  - + Default Application Group
  - + Essbase Studio Server
  - + FDM
  - File System
    - BispApp1
  - + Foundation
  - Reporting and Analysis
    - Reporting and Analysis

Artifact List		Selected Artifacts	Search Artifacts	Application: Reporting and Analysis		
Name	Size (KB)	Type	Modified Date	Modified By	Description	
+ <input type="checkbox"/> Admin Options		Folder				
+ <input type="checkbox"/> Physical Resources		Folder				
+ <input type="checkbox"/> Product Preferences		Folder				
- <input type="checkbox"/> Repository Objects		Folder	February 2, 2011		Hyperion Root Fo...	
+ <input type="checkbox"/> Administration		Folder	February 2, 2011	administrator		
+ <input type="checkbox"/> AnnotationsInternalFolder		Folder	February 2, 2011	administrator		
- <input checked="" type="checkbox"/> BISP		Folder	February 2, 2011	admin		
+ <input checked="" type="checkbox"/> BISP		Folder	February 2, 2011	admin		
+ <input checked="" type="checkbox"/> Reports		Folder	February 2, 2011	admin		
<input checked="" type="checkbox"/> 1		application/hyper...	February 2, 2011	admin		
<input checked="" type="checkbox"/> 2		application/hyper...	February 2, 2011	admin		
<input checked="" type="checkbox"/> 3		application/hyper...	February 2, 2011	admin		
<input checked="" type="checkbox"/> 4		application/hyper...	February 2, 2011	admin		
<input checked="" type="checkbox"/> bisp report1		application/hyper...	February 2, 2011	admin		
<input checked="" type="checkbox"/> BISPLogo		application/hyper...	February 2, 2011	admin		
<input checked="" type="checkbox"/> Chart1		application/hyper...	February 2, 2011	admin		
<input checked="" type="checkbox"/> EssbaseReport		application/hyper...	February 2, 2011	admin	The Live demo fo...	
<input checked="" type="checkbox"/> Mathematical		application/hyper...	February 2, 2011	admin		
<input checked="" type="checkbox"/> Report1		application/hyper...	February 2, 2011	admin	First test report	
<input checked="" type="checkbox"/> Report2		application/hyper...	February 2, 2011	admin		
<input checked="" type="checkbox"/> Second_batch		application/hyper...	February 2, 2011	admin		
<input checked="" type="checkbox"/> TCS report		application/hyper...	February 2, 2011	admin		

# LifeCycle Management Navigation

Help

- **Help**
  - Leads to very good online help from Oracle

Select All

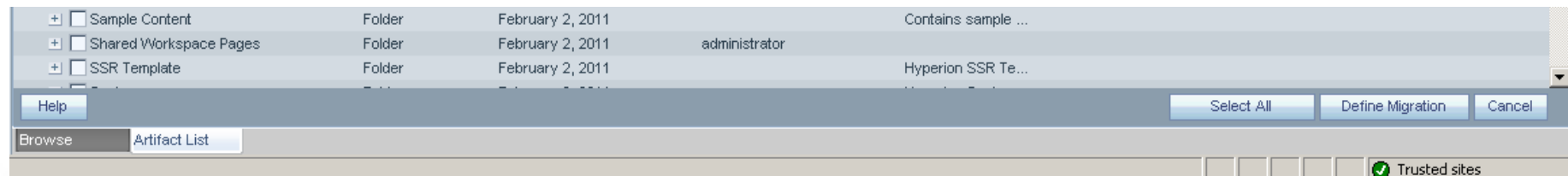
- **Select All or Clear Selections**
  - Select all or Deselect all Artifacts on the screen

Define Migration

- **Define Migration**
  - Select this button to Continue

View Audit Report

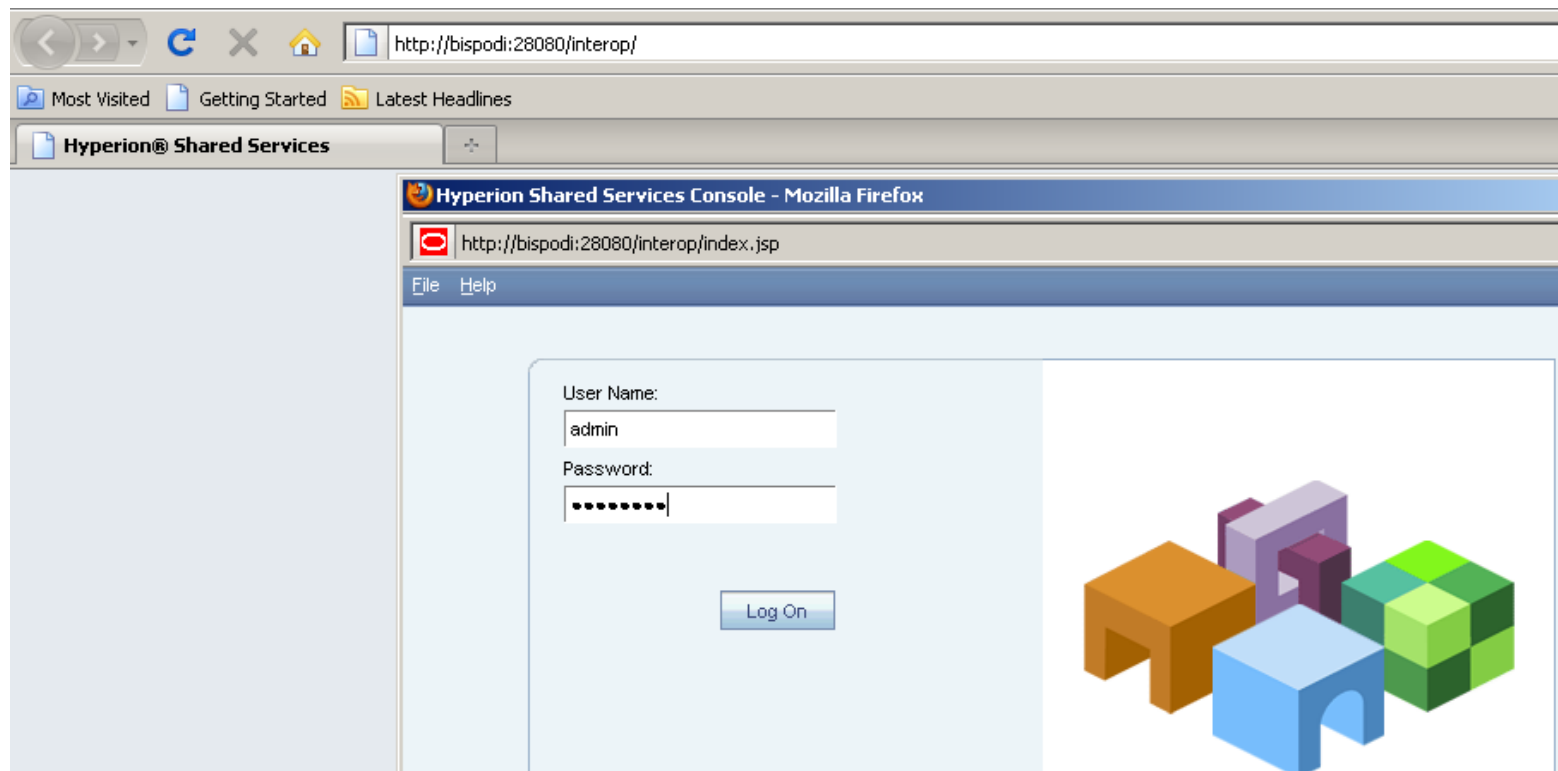
- **View Audit Report**
  - Auditing must be enabled to use this option



# HFM application Migrating using LCM

Login to Shared service

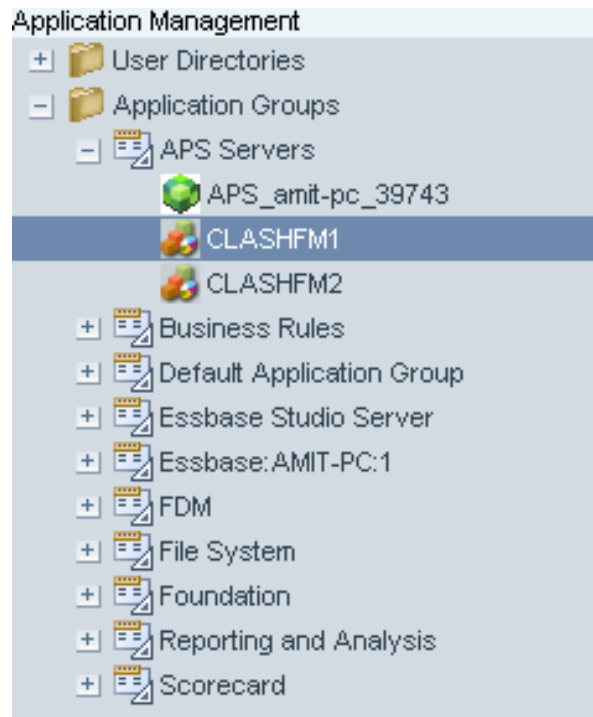
<http://<servername>:28080/interop>



## HFM application Migrating using LCM

Browse to Application Management > Application Group

Select the server type according to the that we select the server type.









WE SELECT THE APPLICATION WHICH WE WANT TO MIGRATE or TAKE BACKUP.

## HFM application Migrating using LCM

Artifact List		Selected Artifacts	Search Artifacts	Application: CLASHFM1	
Name		Size (KB)	Type	Modified Date	
+ <input type="checkbox"/> Dimensions			Folder		
+ <input type="checkbox"/> Documents			Folder		
+ <input type="checkbox"/> Forms			Folder		
+ <input type="checkbox"/> InterCompany			Folder		
+ <input type="checkbox"/> Journals			Folder		
+ <input type="checkbox"/> Member Lists			Folder		
+ <input type="checkbox"/> Rules			Folder		
+ <input type="checkbox"/> Security			Folder		

All the artifacts are displayed. We select the required artifacts. For complete migration or back up we select all.

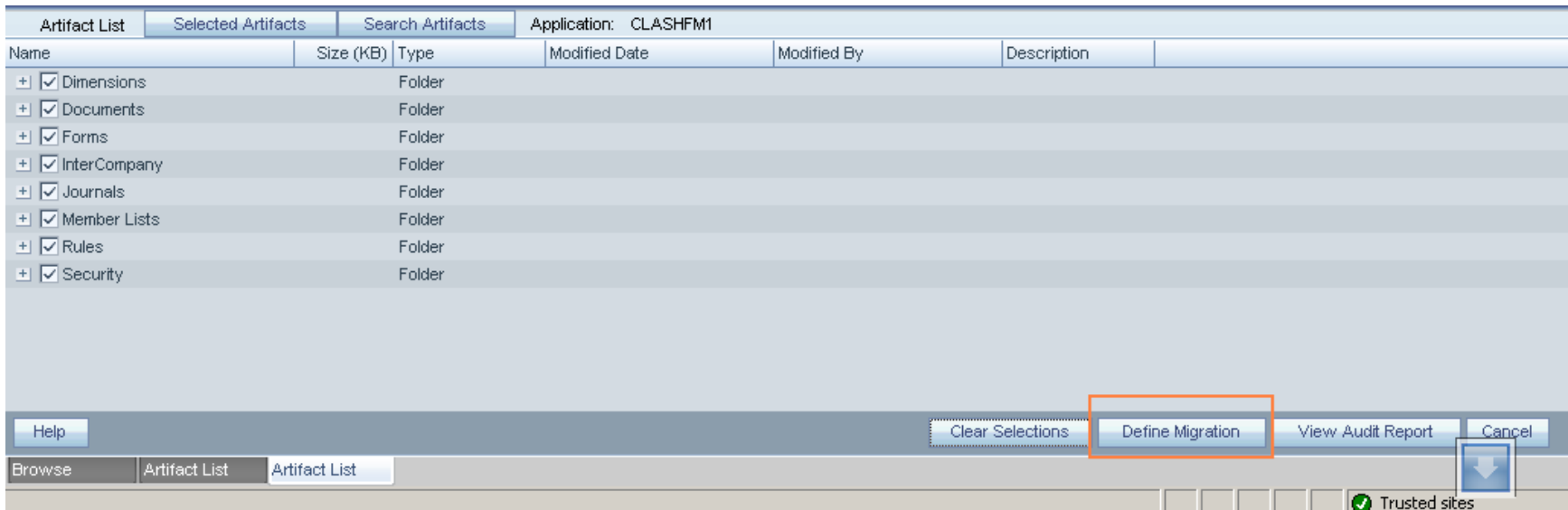
- Documents (including Folders)
  - Grids, Forms, TaskLists, Custom Documents
- System Reports, Security
- MetaData (Classic or EPMA)
- Rules (Classic or Calc Mgr)
- Journal Templates & Groups
- Does Not Migrate Data or Journal Entries

Artifact List		Selected Artifacts	Search Artifacts	Application: CLASHFM1	
Name		Size (KB)	Type	Modified Date	
	<input checked="" data-bbox="925 972 946 979" type="checkbox"/> Dimensions		Folder		
	<input checked="" data-bbox="925 1011 946 1018" type="checkbox"/> Documents		Folder		
	<input checked="" data-bbox="925 1048 946 1056" type="checkbox"/> Forms		Folder		
	<input checked="" data-bbox="925 1086 946 1095" type="checkbox"/> InterCompany		Folder		
	<input checked="" data-bbox="925 1125 946 1132" type="checkbox"/> Journals		Folder		
	<input checked="" data-bbox="925 1163 946 1170" type="checkbox"/> Member Lists		Folder		
	<input checked="" data-bbox="925 1202 946 1209" type="checkbox"/> Rules		Folder		
	<input checked="" data-bbox="925 1240 946 1248" type="checkbox"/> Security		Folder		



# HFM application Migrating using LCM

Next we define the Migration properties by launching DEFINE MIGRATION



The screenshot displays the HFM application interface. At the top, there are tabs for 'Artifact List', 'Selected Artifacts', and 'Search Artifacts'. The 'Artifact List' tab is active, showing a table with columns: Name, Size (KB), Type, Modified Date, Modified By, and Description. The table lists several folders, all of which are selected with checkboxes. Below the table, there is a 'Help' button and a 'Clear Selections' button. The 'Define Migration' button is highlighted with a red box. To the right of 'Define Migration' are 'View Audit Report' and 'Cancel' buttons. At the bottom, there are 'Browse' and 'Artifact List' buttons, and a 'Trusted sites' status indicator.

Name	Size (KB)	Type	Modified Date	Modified By	Description
+ <input checked="" type="checkbox"/> Dimensions		Folder			
+ <input checked="" type="checkbox"/> Documents		Folder			
+ <input checked="" type="checkbox"/> Forms		Folder			
+ <input checked="" type="checkbox"/> InterCompany		Folder			
+ <input checked="" type="checkbox"/> Journals		Folder			
+ <input checked="" type="checkbox"/> Member Lists		Folder			
+ <input checked="" type="checkbox"/> Rules		Folder			
+ <input checked="" type="checkbox"/> Security		Folder			

Buttons: Help, Clear Selections, **Define Migration**, View Audit Report, Cancel

Bottom: Browse, Artifact List, Artifact List, Trusted sites



# HFM application Migrating using LCM

## ➤ Migration Wizard

### ➤ Source

- Used to select which artifact type is active
- If only one is open, will skip this screen

### ➤ Source Options

- Different depending on the type of export

### ➤ Destination

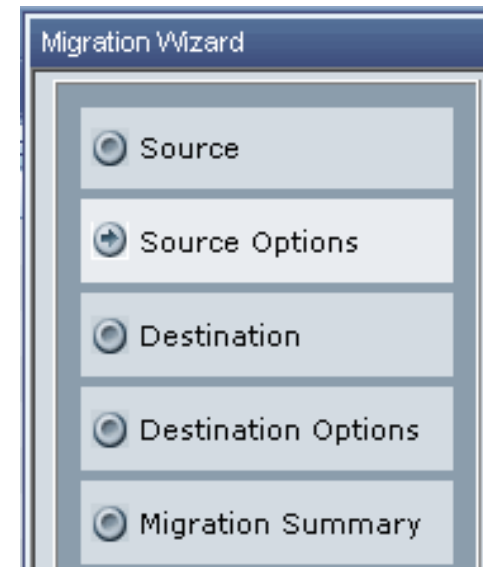
- Pick to export to File or within the environment

### ➤ Destination Options

- This screen may vary, but is usually repetitive

### ➤ Migration Summary

- Summary of your choices

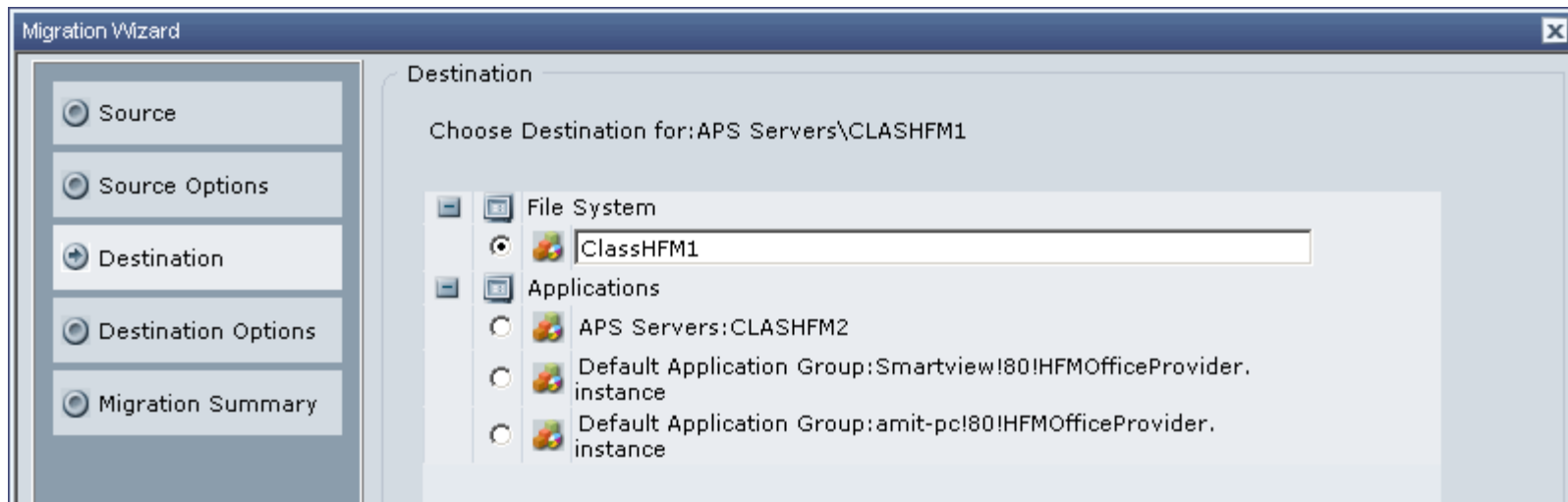


## HFM application Migrating using LCM

Here we define the destination option.

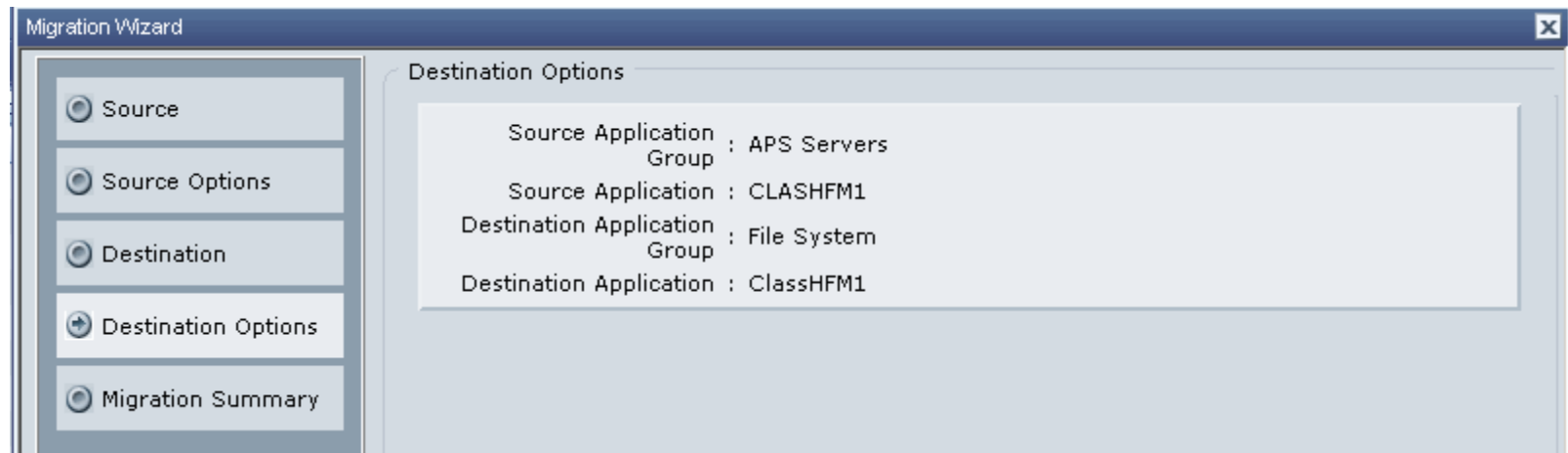
Either we select another application or we can take its xml backup to file system.

Here we first choose to take the xml backup to File system



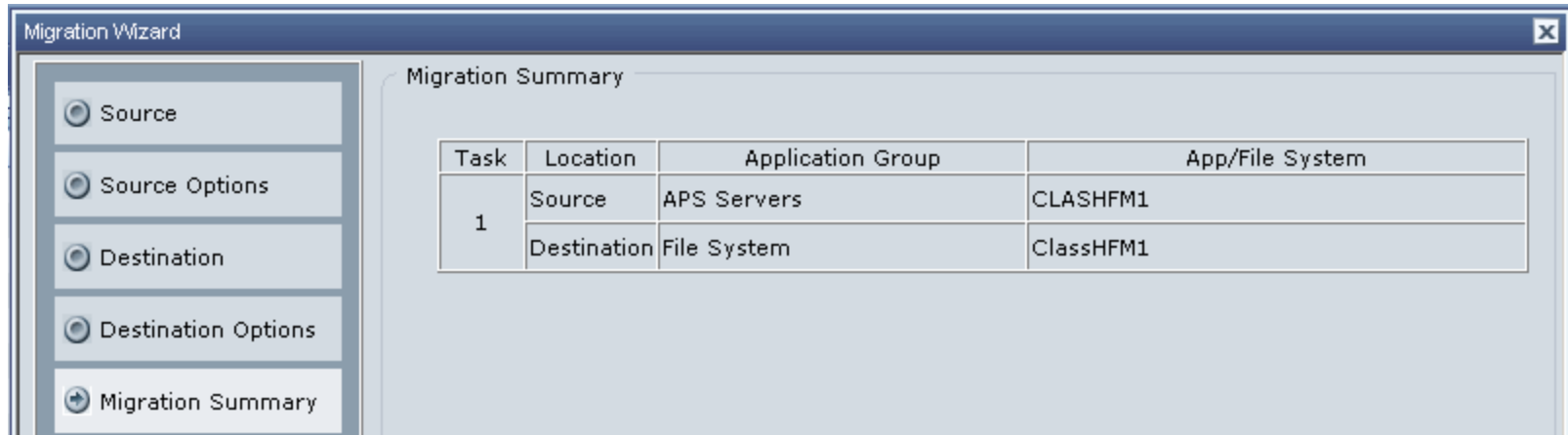
# HFM application Migrating using LCM

Displayed source application and target application group.



# HFM application Migrating using LCM

## Migration Summary.

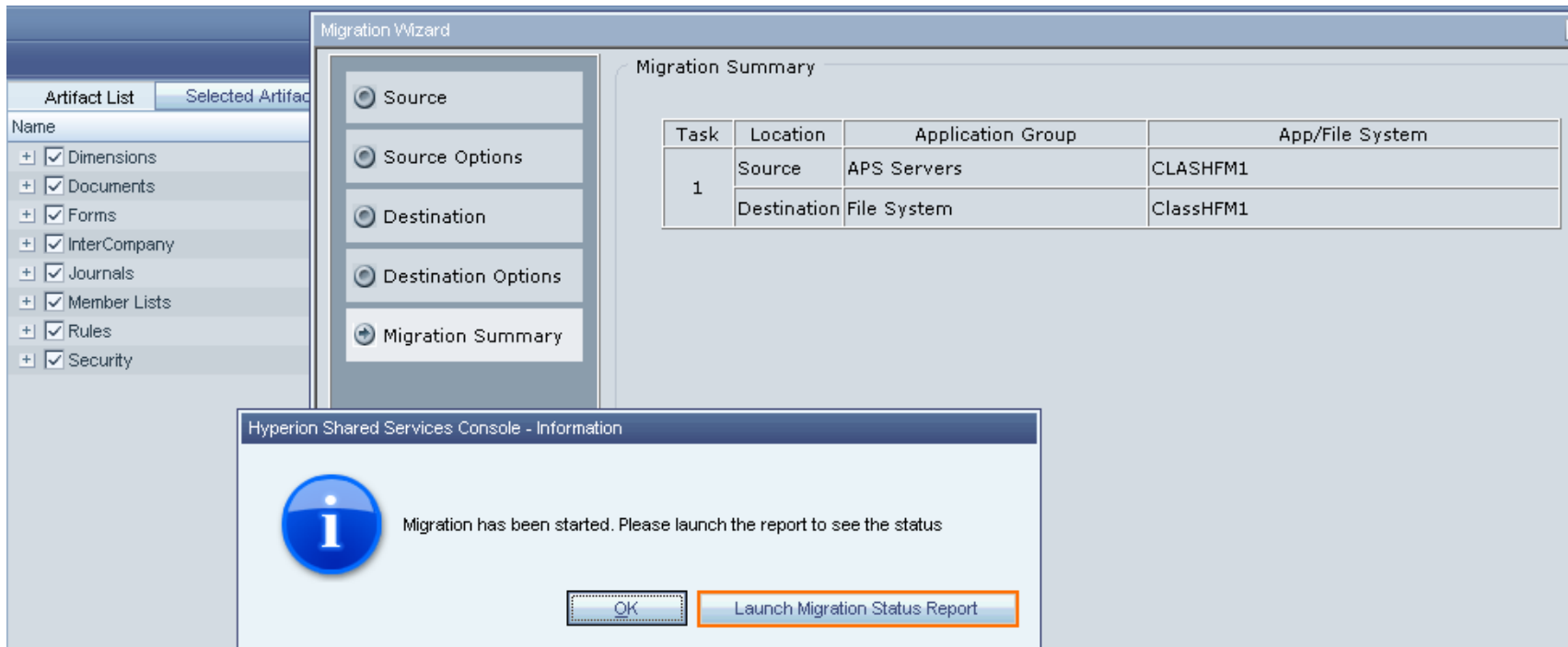


The screenshot shows the 'Migration Wizard' window with the 'Migration Summary' tab selected. On the left, a sidebar contains five radio buttons: 'Source', 'Source Options', 'Destination', 'Destination Options', and 'Migration Summary'. The 'Migration Summary' tab is active, displaying a table with migration details.

Task	Location	Application Group	App/File System
1	Source	APS Servers	CLASHFM1
	Destination	File System	ClassHFM1

## HFM application Migrating using LCM

When we decide that all the steps for migration has been successfully Performed , we **Execute migration**



The screenshot displays the Hyperion Shared Services Console interface. On the left, the 'Artifact List' shows various components like Dimensions, Documents, Forms, etc., all checked. The 'Migration Wizard' is open, showing a list of steps: Source, Source Options, Destination, Destination Options, and Migration Summary. The 'Migration Summary' tab is selected, displaying a table with migration tasks.

Task	Location	Application Group	App/File System
1	Source	APS Servers	CLASHFM1
	Destination	File System	ClassHFM1

Below the wizard, a message box titled 'Hyperion Shared Services Console - Information' states: 'Migration has been started. Please launch the report to see the status'. It includes an 'OK' button and a 'Launch Migration Status Report' button.

**We launch the Migration Status Report for status of Migration**

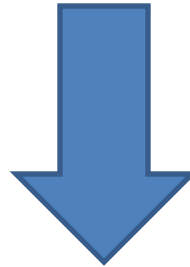
## HFM application Migrating using LCM

Migration Status Report

1 of 1 Per Page 50

User	Start Time	Completed Time	Duration	Status
admin	January 30, 2011 22:16:44			In Progress
admin	January 30, 2011 22:13:46	January 30, 2011 22:14:12	00:00:26	Completed

**Migration Status  
Report for status of  
Migration**



Migration Status Report

1 of 1 Per Page 50

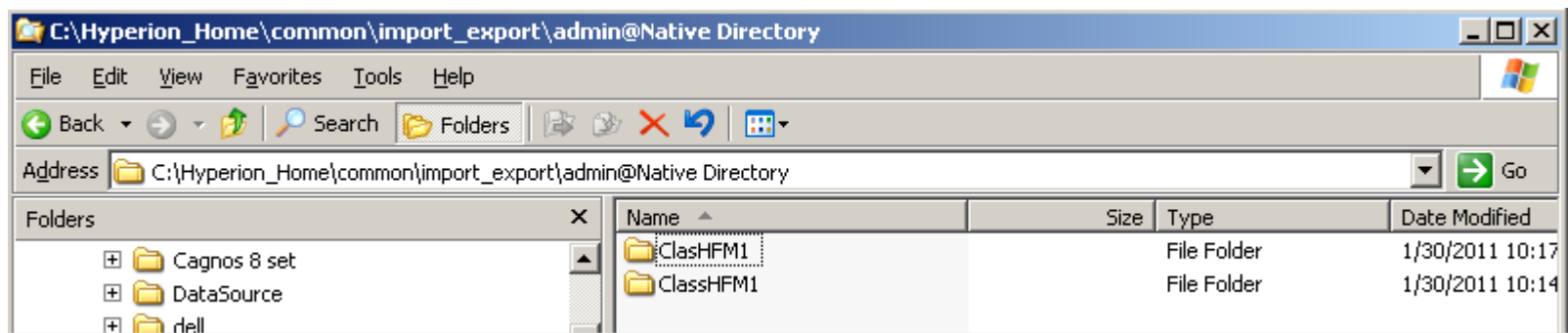
User	Start Time	Completed Time	Duration	Status
admin	January 30, 2011 22:16:44	January 30, 2011 22:17:05	00:00:21	Completed
admin	January 30, 2011 22:13:46	January 30, 2011 22:14:12	00:00:26	Completed

## HFM application Migrating using LCM

Path where the application stored in file system.

When we browse through the folder structure we find that each and every object is stored in xml format i.e. the DIMENSION members , The Custom Documents.

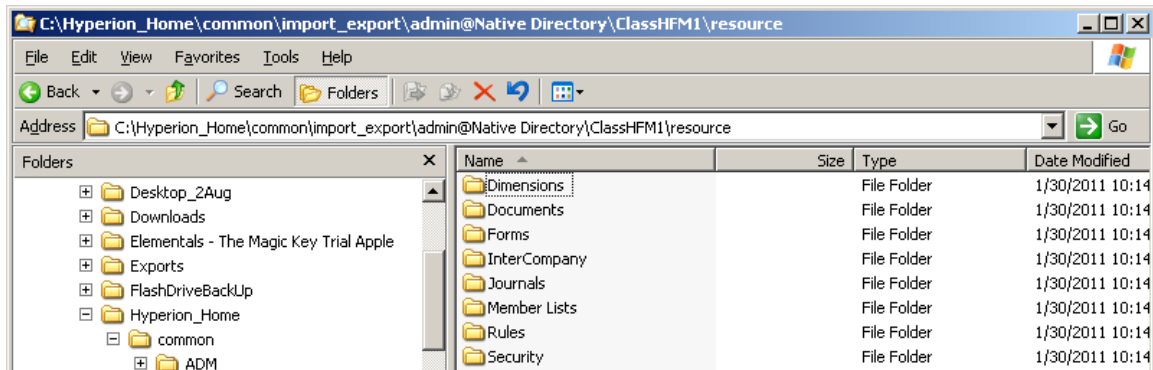
In Hyperion product suit every components can be backed up in xml format.



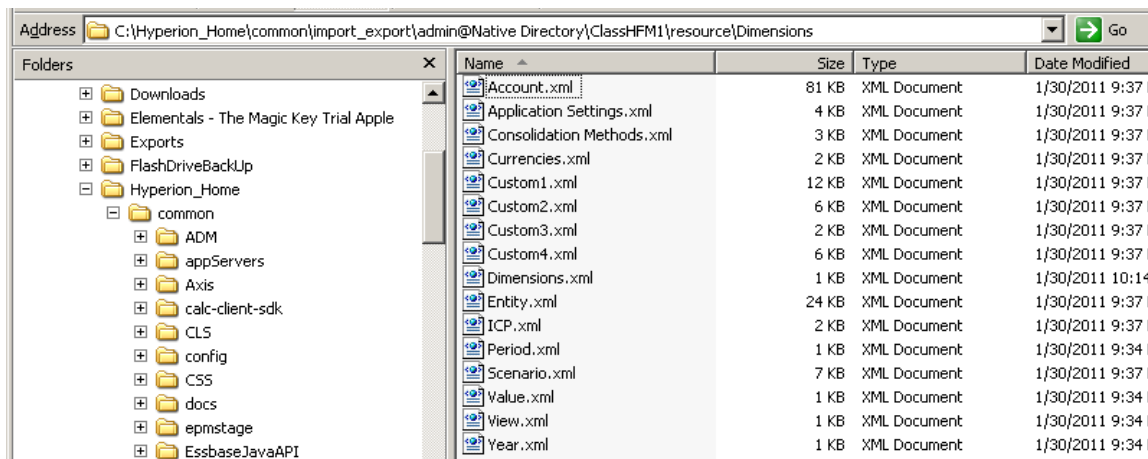


## HFM application Migrating using LCM

We browse to see the folder structure and components in xml format.

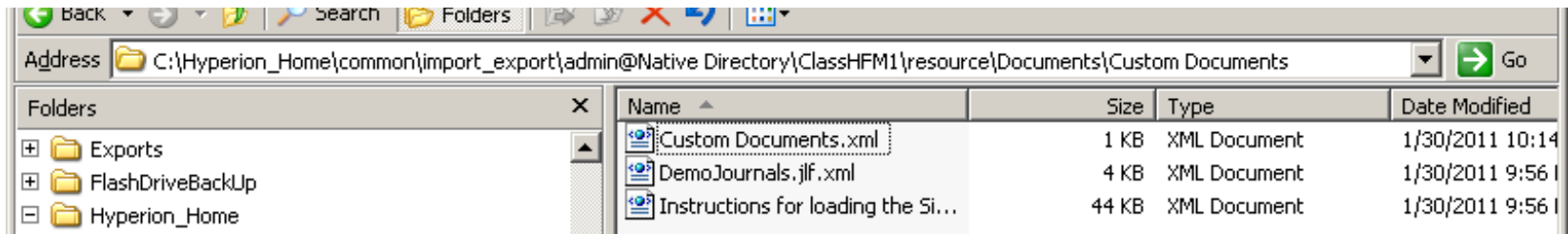


List of all dimension HFM application has available in xml format.



## HFM application Migrating using LCM

Document available in xml format



The best way to migrate or taking backup of application is these xml files. After We get all these files in xml we can use it either for backup purpose to another Server or we can move it to another server that runs Hyperion Suits.

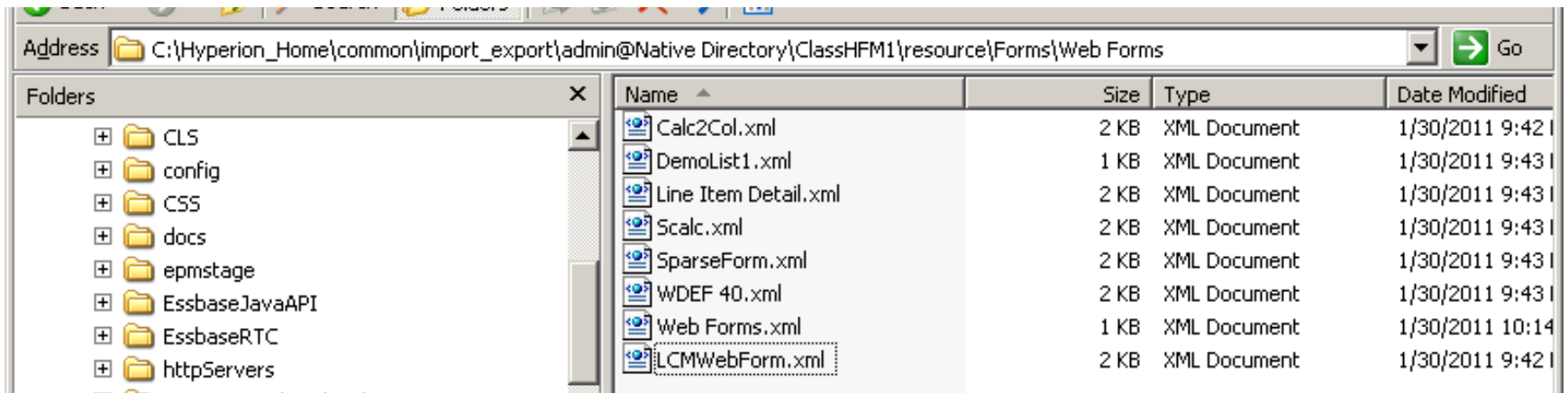
# HFM application Migrating using LCM

## Restoring the HFM Application.

Now we will work on restoring the HFM application into another server  
This time we will move it from FILE SYSTEM to HFM APPLICATION

This time we are going to do the other way around.

The application backup we have taken last time, we are going to restore it in a empty application. Before restoring it you can modify the respected xml files.

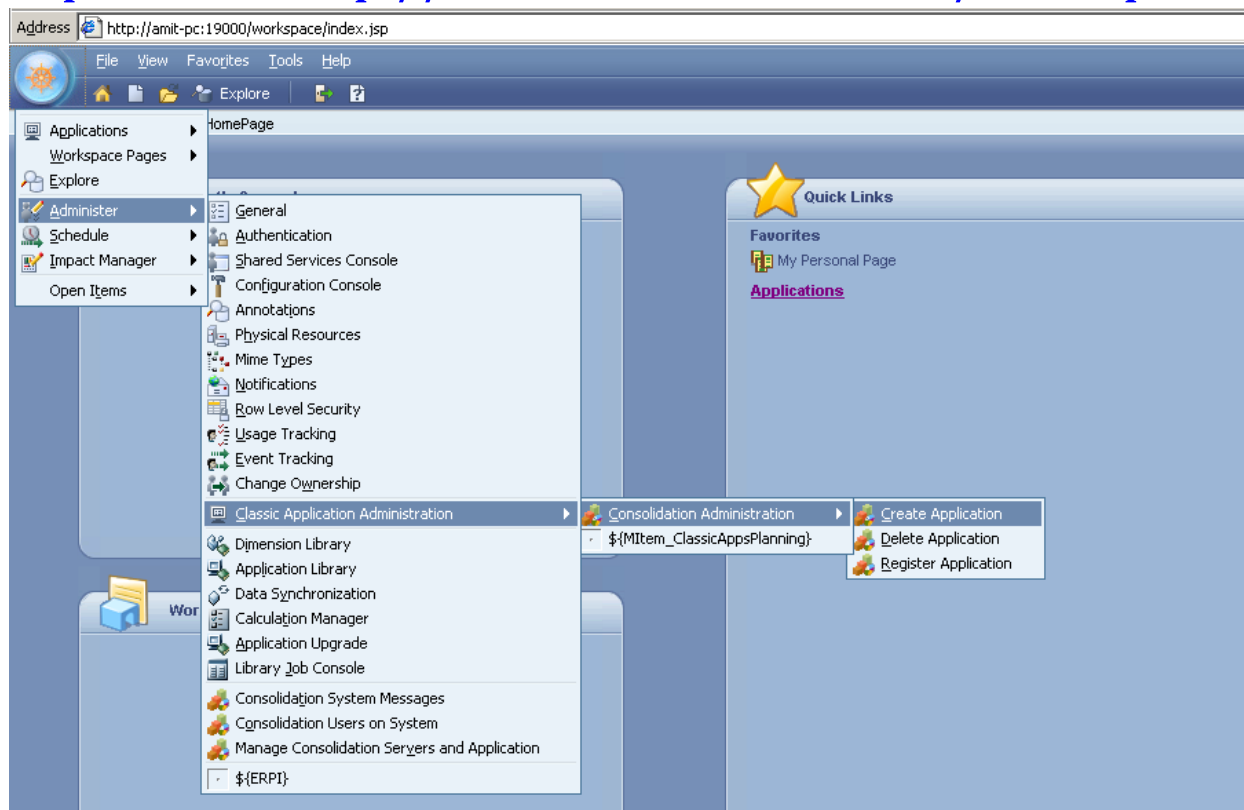


# HFM application Migrating using LCM

## Restoring the HFM Application.

Create new classic blank HFM application in Workspace.

The workspace URL <http://<servername>:19000/workspace>



# HFM application Migrating using LCM

## Restoring the HFM Application.

Address <http://amit-pc:19000/workspace/index.jsp>

File View Favorites Tools Help

Browser View

Tasks

**Enter Application Properties**

Server  
amit-pc

Application Name  
AppLCM

Application Description  
Restore Application from LCM

Application Profile  
C:\Hyperion\_Home\pro Browse...

User Management Project  
APS Servers

Financial Management Web Server URL for Security Administration:  
<http://amit-pc:19000/hfm>

Create

**PROVIDE THE FOLLOWING INFORMATION**

Empty Application created successfully

Address <http://amit-pc:19000/workspace/index.jsp>

File View Favorites Tools Help

Browser View

Tasks

Creating the following application: LCMApp4

Application Creation was successful.

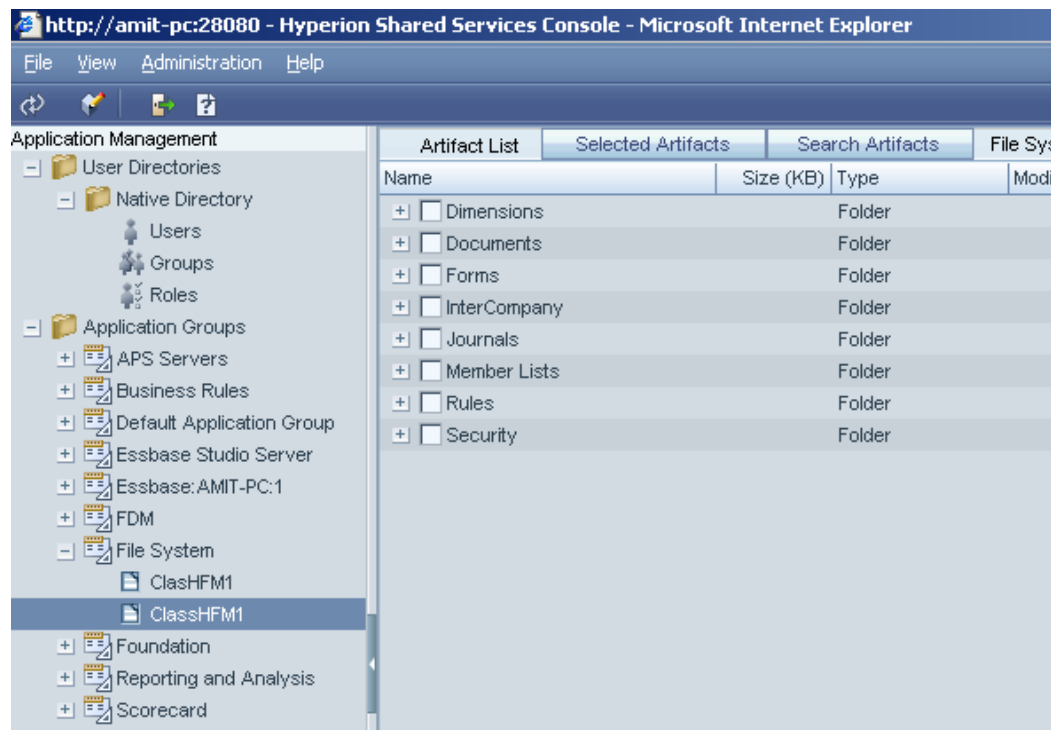
Create Another Application

# HFM application Migrating using LCM

## Restoring the HFM Application.

Next we return back to Shared Service.

This time we navigate to File System and open file system application backup we have taken previously.



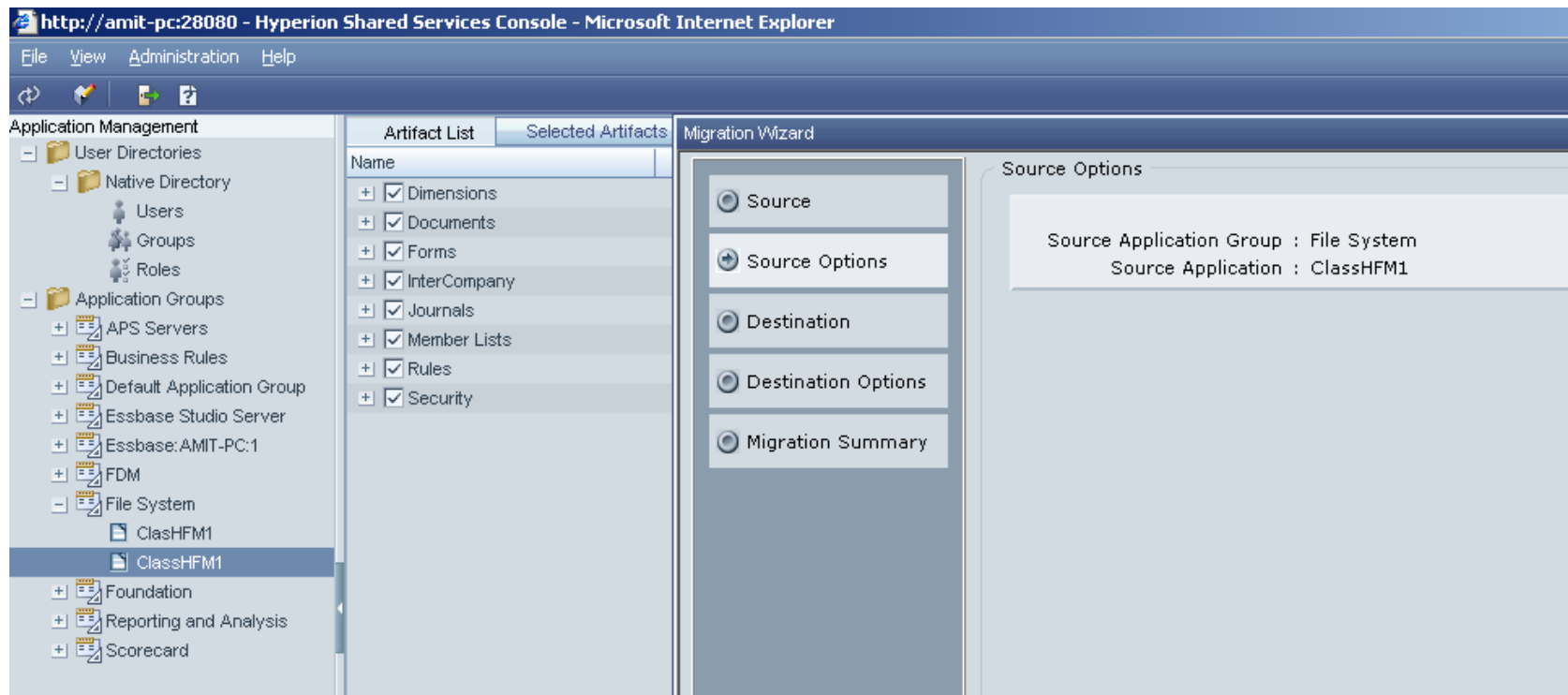




## HFM application Migrating using LCM

### Restoring the HFM Application.

Define Migration [Source is file system]. This time we will move the backed up file To the blank application we just created.

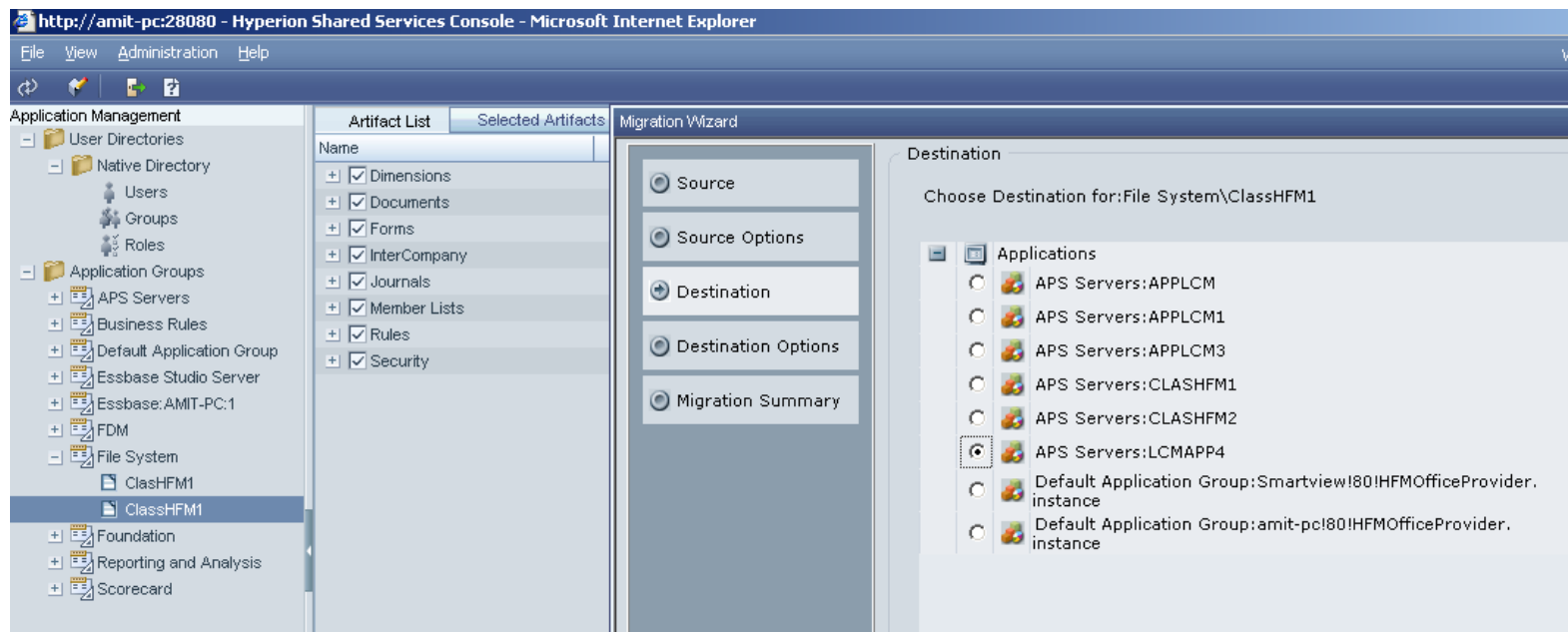




# HFM application Migrating using LCM

## Restoring the HFM Application.

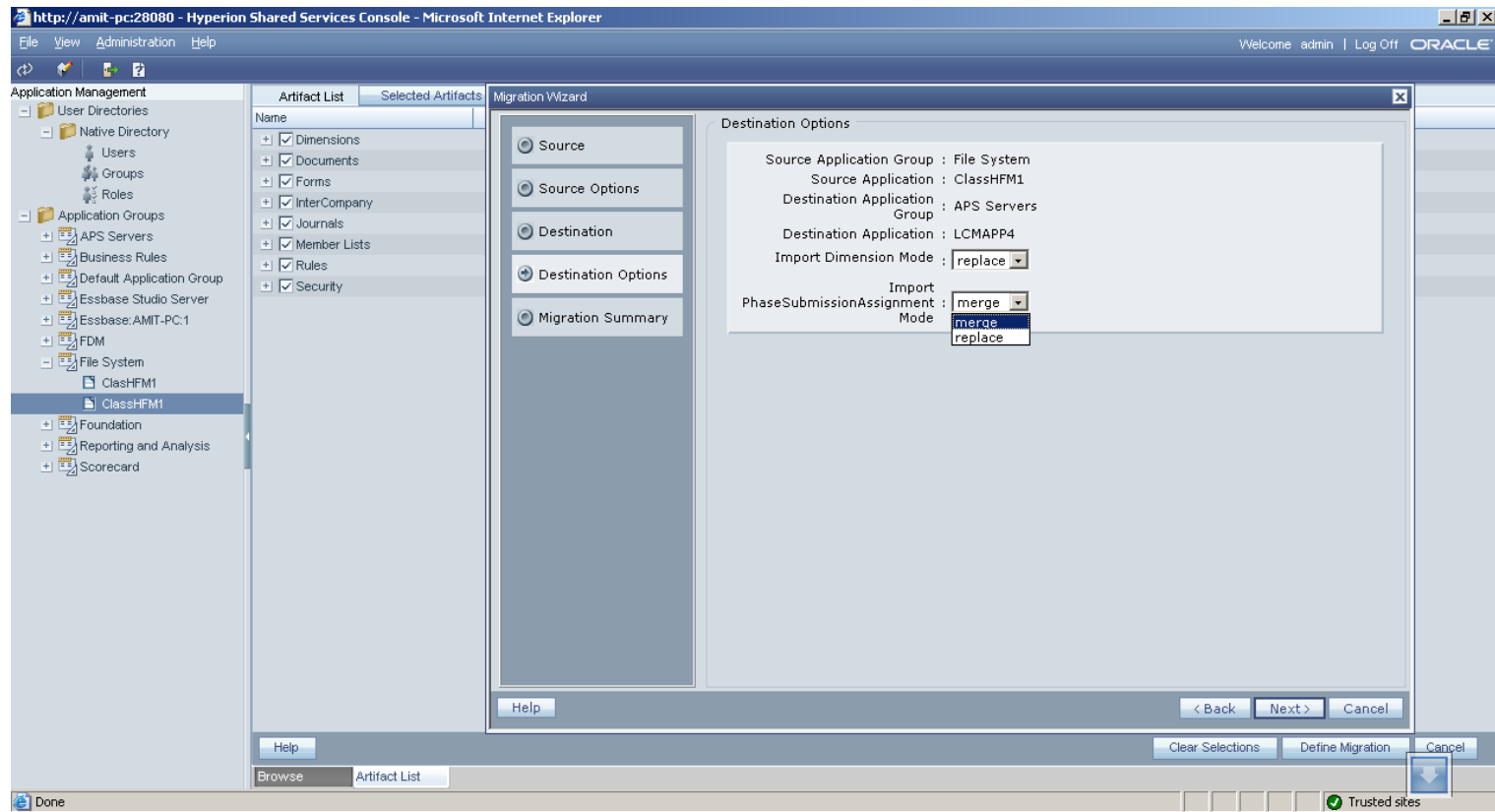
Define the target application. Our target application is newly created blank application.



# HFM application Migrating using LCM

## Restoring the HFM Application.

Specify merging dimension/phase submission or replacing depending upon requirement.



# HFM application Migrating using LCM

## Restoring the HFM Application.

### Execute Migration

http://amit-pc:28080 - Hyperion Shared Services Console - Microsoft Internet Explorer

File View Administration Help Welcome admin | Log Off

Application Management

- User Directories
  - Native Directory
    - Users
    - Groups
    - Roles
- Application Groups
  - APS Servers
  - Business Rules
  - Default Application Group
  - Essbase Studio Server
  - Essbase:AMIT-PC:1
  - FDM
  - File System
    - ClashFM1
    - ClassHFM1
  - Foundation
  - Reporting and Analysis
  - Scorecard

Artifact List

Name
+ <input checked="" type="checkbox"/> Dimensions
+ <input checked="" type="checkbox"/> Documents
+ <input checked="" type="checkbox"/> Forms
+ <input checked="" type="checkbox"/> InterCompany
+ <input checked="" type="checkbox"/> Journals
+ <input checked="" type="checkbox"/> Member Lists
+ <input checked="" type="checkbox"/> Rules
+ <input checked="" type="checkbox"/> Security

Selected Artifacts

Migration Wizard

Source

Source Options

Destination


Destination Options

Migration Summary

Migration Summary

Task	Location	Application Group	App/File System
1	Source	File System	ClassHFM1
	Destination	APS Servers	LCMAPP4

Hyperion Shared Services Console - Information

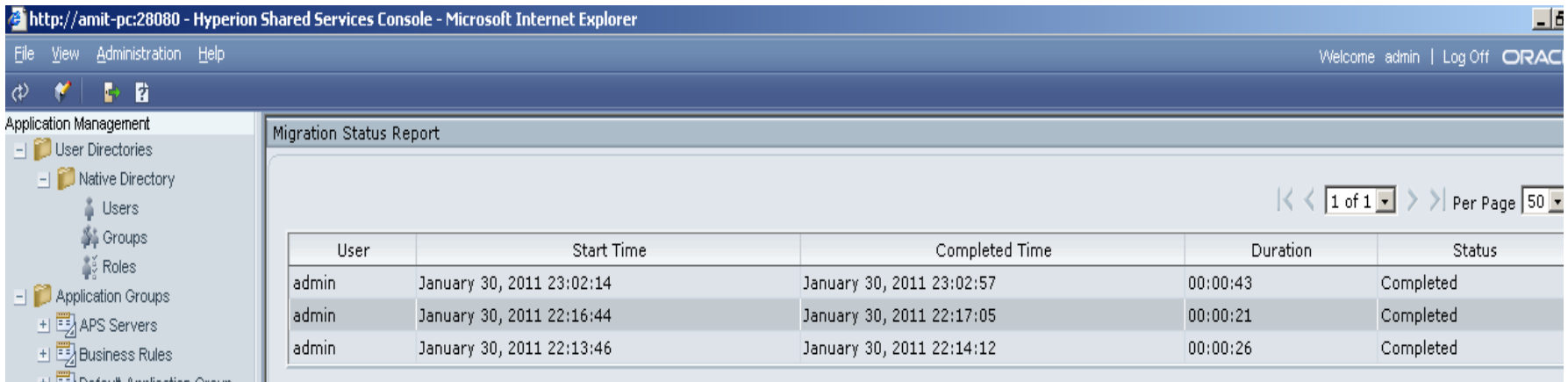
 Migration has been started. Please launch the report to see the status

OK Launch Migration Status Report

# HFM application Migrating using LCM

## Restoring the HFM Application.

After successful migration. We can check it from the status bar.



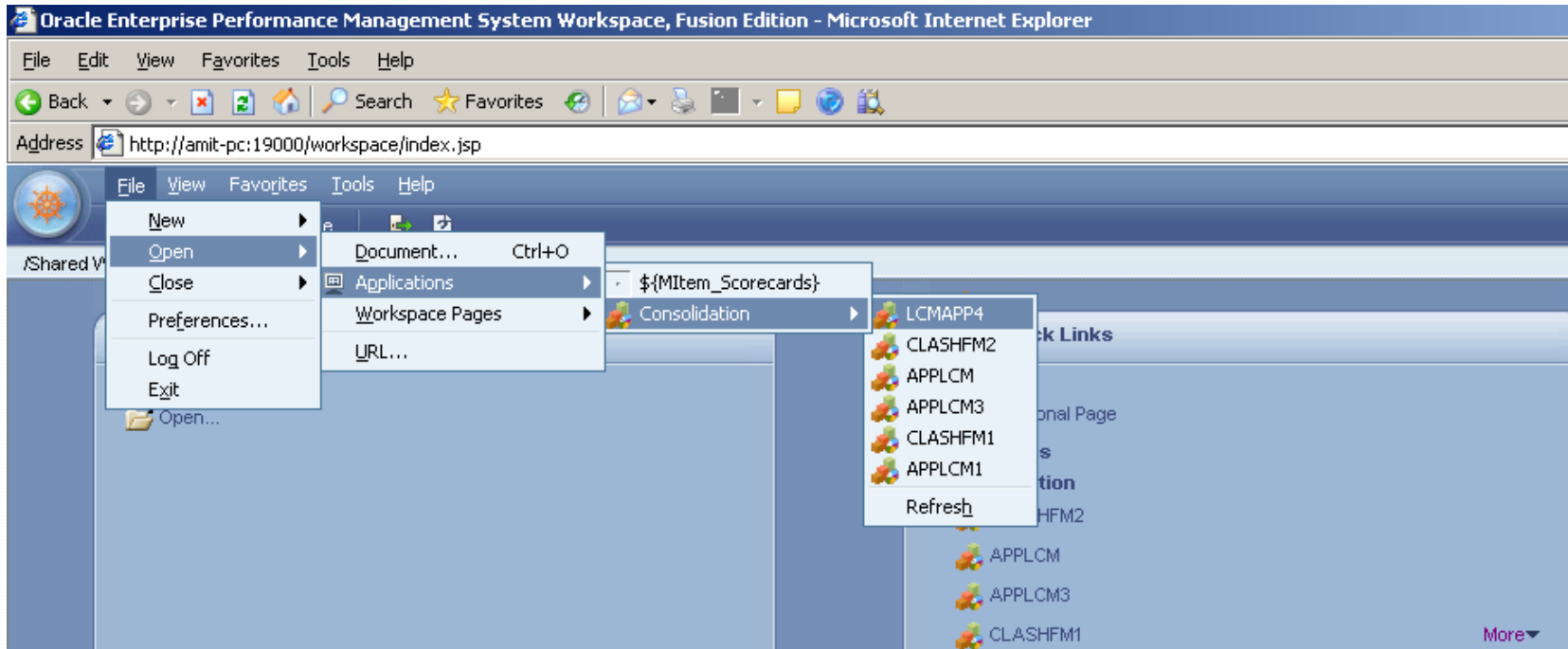
The screenshot shows the Hyperion Shared Services Console in Microsoft Internet Explorer. The browser address bar displays "http://amit-pc:28080 - Hyperion Shared Services Console - Microsoft Internet Explorer". The console interface includes a menu bar (File, View, Administration, Help) and a user bar (Welcome admin | Log Off ORAC). On the left, the "Application Management" sidebar shows a tree view with "User Directories" (Native Directory, Users, Groups, Roles) and "Application Groups" (APS Servers, Business Rules, Default Application Group). The main content area is titled "Migration Status Report" and displays a table of migration results. The table has five columns: User, Start Time, Completed Time, Duration, and Status. It shows three rows of completed migrations for the "admin" user. Navigation controls at the top right of the table indicate "1 of 1" page and "Per Page 50".

User	Start Time	Completed Time	Duration	Status
admin	January 30, 2011 23:02:14	January 30, 2011 23:02:57	00:00:43	Completed
admin	January 30, 2011 22:16:44	January 30, 2011 22:17:05	00:00:21	Completed
admin	January 30, 2011 22:13:46	January 30, 2011 22:14:12	00:00:26	Completed

# HFM application Migrating using LCM

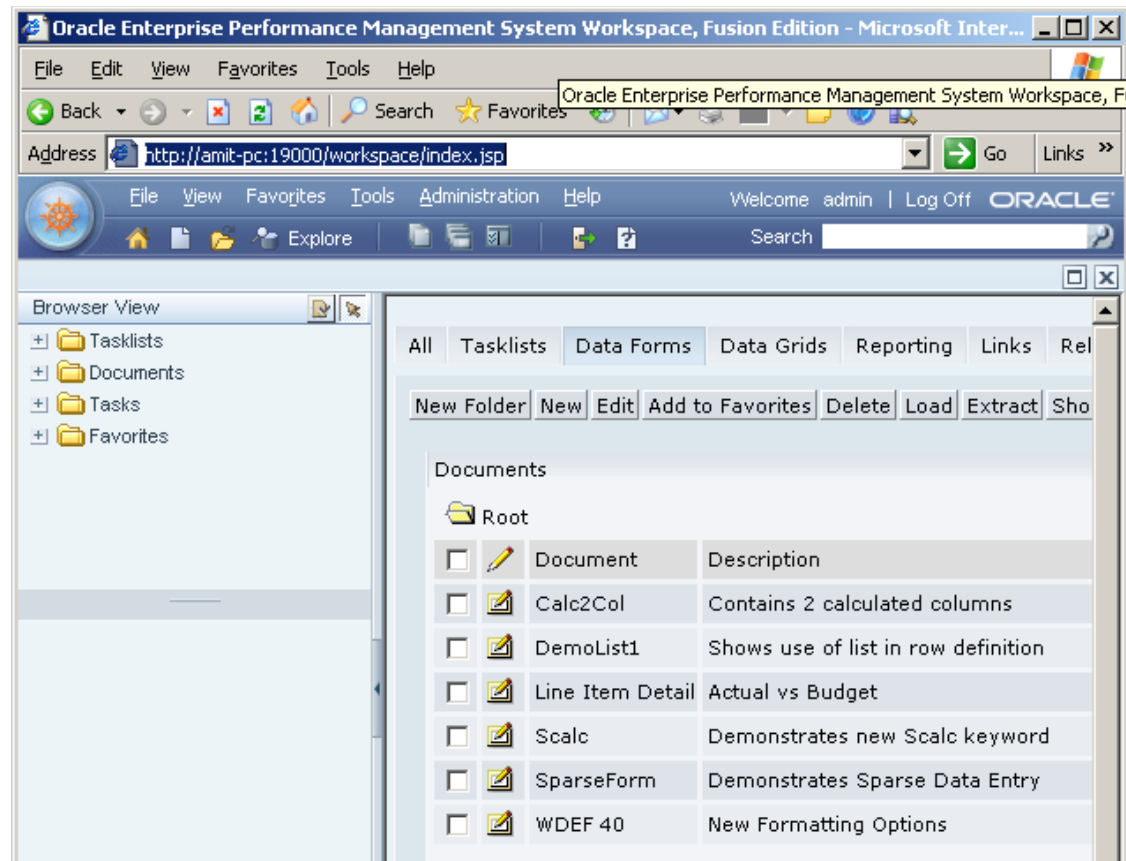
## Restoring the HFM Application.

Check whether the application objects [Dimension, Data from, data grid got moved into new application]



## HFM application Migrating using LCM

Finally the new application is mirror copy of the ClasHFM1 application.  
This way we can have application back up as well as we can move to another server and migration too.





## HFM application Migrating using LCM

We can separately migrate some web form in xml format and then restore back to Previous application. The web forms will be merged to previous application.

http://hybisp:28080 - Hyperion Shared Services Console - Microsoft Internet Explorer

File View Administration Help

Application Management

- User Directories
- Application Groups
  - APS Servers
  - Business Rules
  - Default Application Group
  - Essbase Studio Server
  - FDM
  - File System
  - Form&Grid**
  - HFR
  - Foundation
  - Reporting and Analysis

Artifact List

Name	Size (KB)	Type	Modified Date	Modified By	Description
<input checked="" type="checkbox"/> Forms		Folder	February 2, 2011		
<input checked="" type="checkbox"/> Web Forms		Folder	February 2, 2011		
<input checked="" type="checkbox"/> Web Grids		Folder	February 2, 2011		

File System: Form&Grid

Migration Wizard

Source

Source Options

Destination

Destination Options

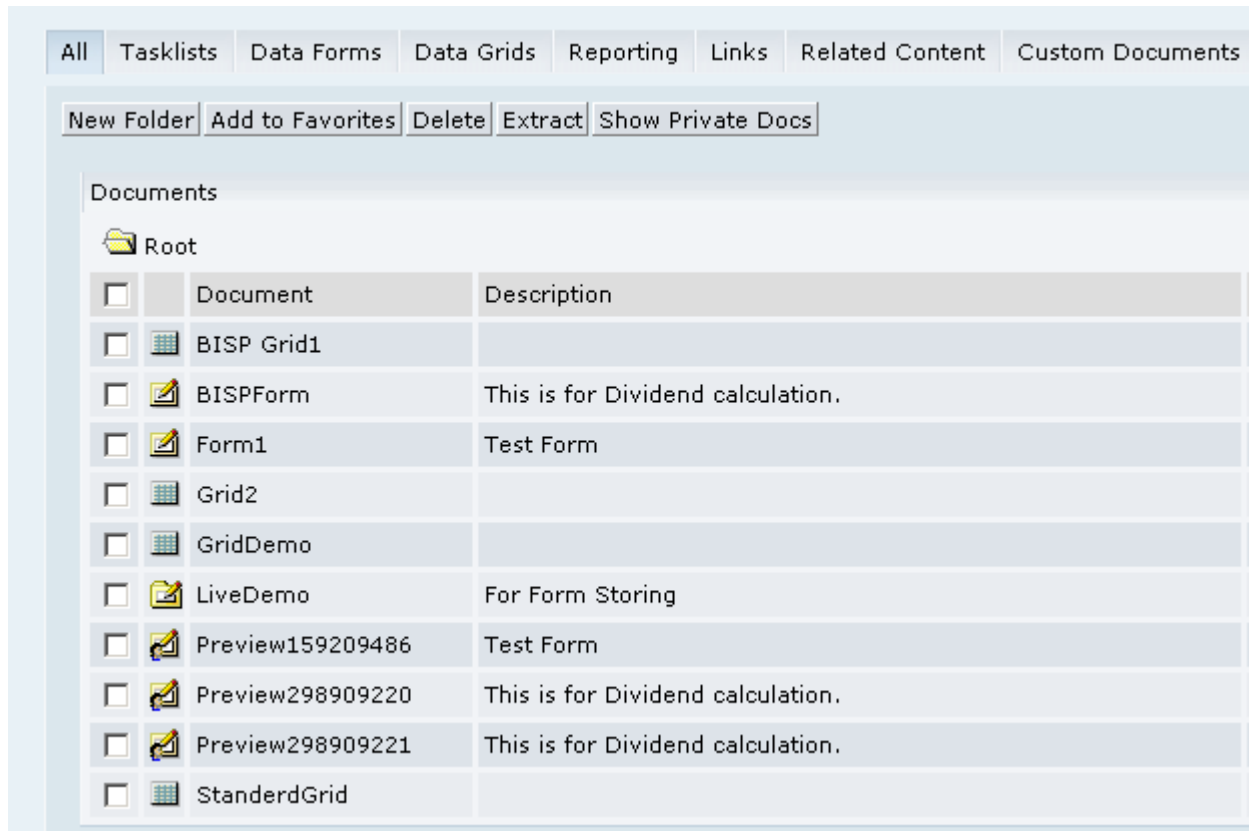
Migration Summary

Task	Location	Application Group	App/File System
1	Source	File System	Form&Grid
	Destination	APS Servers	HFR



# HFM application Migrating using LCM

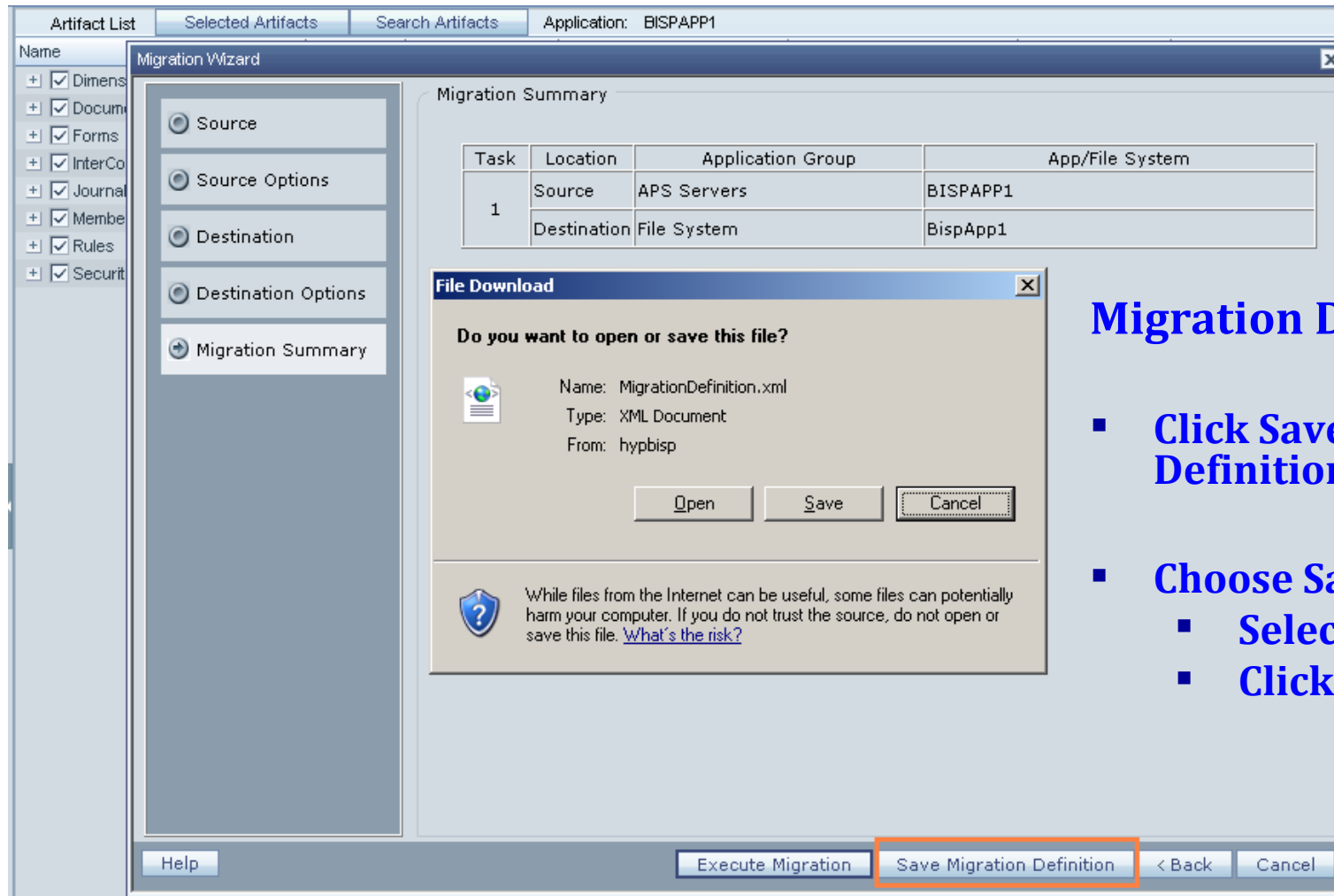
Login to workspace and check the Application's all Documents section



The screenshot displays the HFM application workspace interface. At the top, there is a navigation bar with tabs: All, Tasklists, Data Forms, Data Grids, Reporting, Links, Related Content, and Custom Documents. Below this, a secondary bar contains buttons: New Folder, Add to Favorites, Delete, Extract, and Show Private Docs. The main area is titled 'Documents' and shows a 'Root' folder. Below the folder, a table lists various documents with checkboxes, icons, names, descriptions, and a column of numbers.

<input type="checkbox"/>	Document	Description	
<input type="checkbox"/>	BISP Grid1		2
<input type="checkbox"/>	BISPForm	This is for Dividend calculation.	2
<input type="checkbox"/>	Form1	Test Form	2
<input type="checkbox"/>	Grid2		2
<input type="checkbox"/>	GridDemo		2
<input type="checkbox"/>	LiveDemo	For Form Storing	2
<input type="checkbox"/>	Preview159209486	Test Form	2
<input type="checkbox"/>	Preview298909220	This is for Dividend calculation.	2
<input type="checkbox"/>	Preview298909221	This is for Dividend calculation.	2
<input type="checkbox"/>	StanderdGrid		2

# Migration Definition

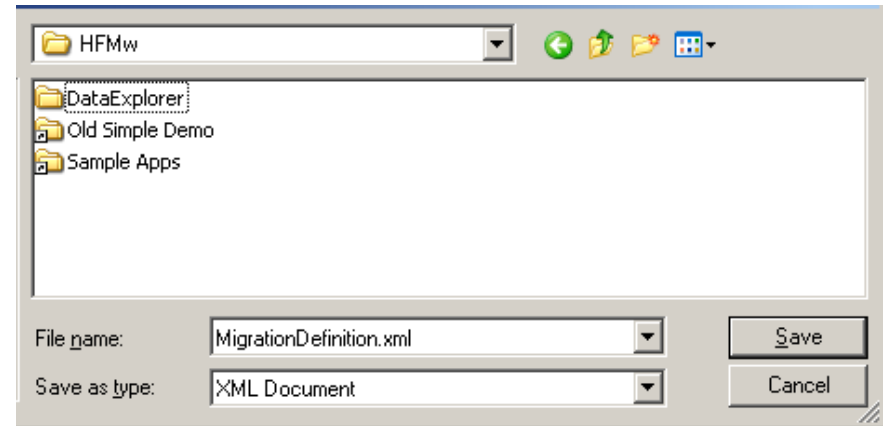


## Migration Definition

- Click Save Migration Definition
- Choose Save
  - Select a Location
  - Click Save

# Migration Definition

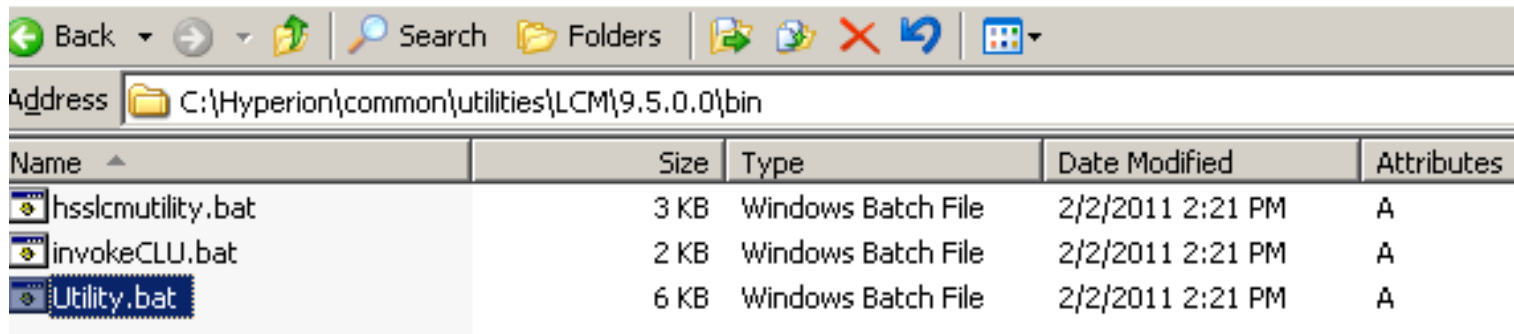
- When Download is Complete
  - Click Close
- Open the *MigrationDefinition.xml*
  - Goto the Shared Services Line
  - Find User="" Password=""



```
MigrationDefinition.xml - Notepad
File Edit Format View Help
<?xml version="1.0" encoding="UTF-8"?>
<Package name="web-migration" description="Migrating Product to File System">
  <LOCALE>en_US</LOCALE>
  <Connections>
    <ConnectionInfo name="MyHSS-Connection1" type="HSS" description="Hyperion Shared Service connection" user="" password="" />
    <ConnectionInfo name="FileSystem-Connection1" type="FileSystem" description="File system connection" HSSConnection="MyHSS-Con
    <ConnectionInfo name="AppConnection2" type="Application" product="HFM" project="APS Servers" application="BISPAPP1" HSSConn
  </Connections>
```

## Migration Definition

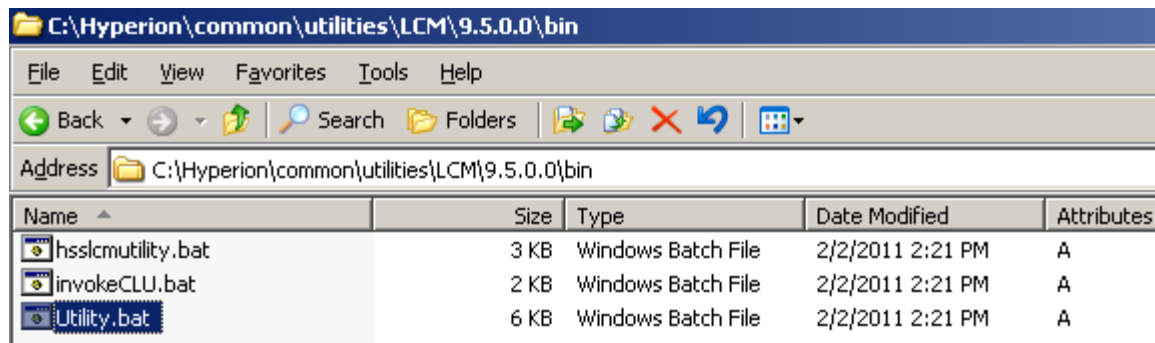
- **Enter the LCMAdmin UserID and password**
  - The password will be encrypted after the first time it is used
- **The job is run using “Utility.bat” under the LCM directory**
  - C:\Hyperion\common\utilities\LCM\9.5.0.0\bin\Utility.bat



Name	Size	Type	Date Modified	Attributes
hsslcutility.bat	3 KB	Windows Batch File	2/2/2011 2:21 PM	A
invokeCLU.bat	2 KB	Windows Batch File	2/2/2011 2:21 PM	A
Utility.bat	6 KB	Windows Batch File	2/2/2011 2:21 PM	A



## Migration Definition



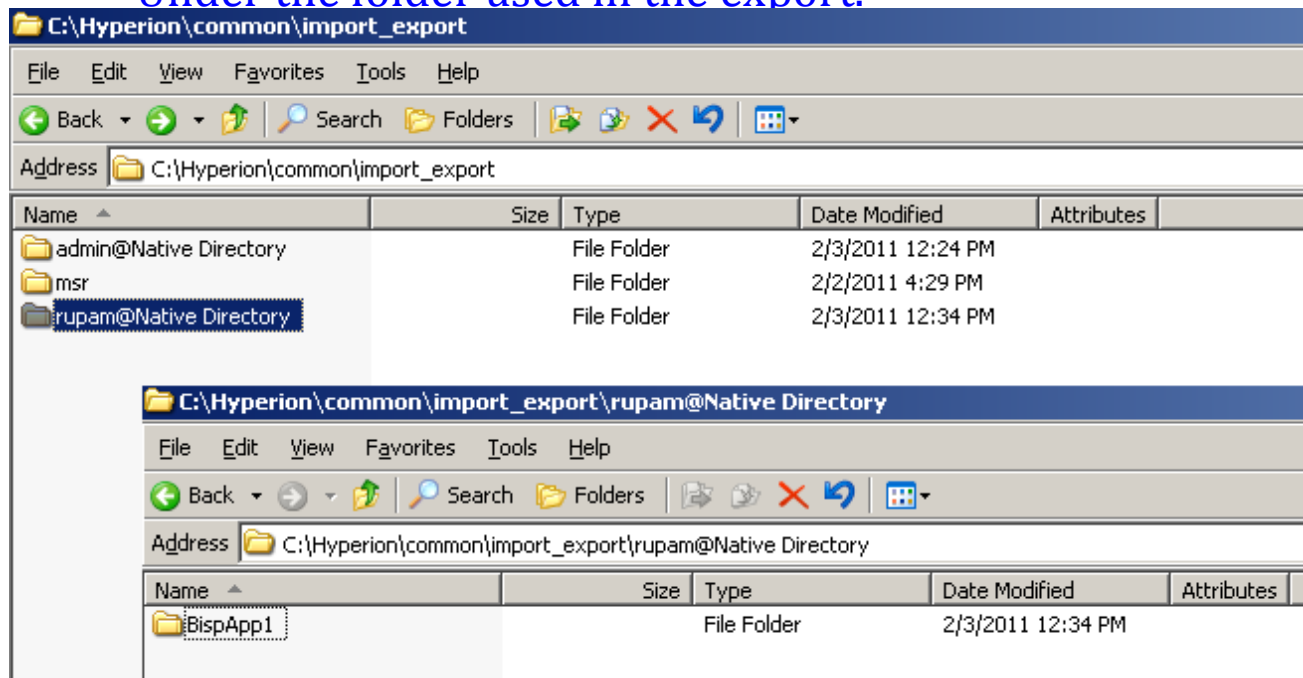
```
Argument 0 - C:\Hyperion\HFMw\MigrationDefinition.xml
Argument 1 - -b
Argument 2 - C:\Documents and Settings\Administrator
Argument 3 - -estimate
Only the estimate for migration will be reported.
BEGIN : TaskHandler.getExecutor
Executor not yet created or old executor destroyed. Creating new thread pool ...
END : TaskHandler.getExecutor
Attempting to load Log Config File:../conf/log.xml
2011-02-03 12:59:53.343 INFO      Executing package file      C:\Hyperion\HFMw\MigrationDefinition.xml
2011-02-03 12:59:53.593 INFO      - Reading HSS URL from command line
2011-02-03 12:59:53.593 INFO      - HSS URL could not be read from command line. Reading from registry.
2011-02-03 12:59:54.953 INFO      - Audit Client has been created for the server http://hyppbisp:20000/interop/Audit
2011-02-03 12:59:55.265 INFO      - Client Enable Status false
2011-02-03 12:59:55.375 INFO      - Client Enable Status false
2011-02-03 13:00:00.578 ERROR      - Message after RemoteMigration execution - Completed with failures.. Shared Services log file is in - C:\Hyperion\common\utilities\LCM\9.5.0.0\logs\LCM_2011-02-03_12_59_53_0.log.
2011-02-03 13:00:00.593 INFO      ESTIMATE REPORT IS COPIED INTO FILE      C:\Hyperion\common\utilities\LCM\9.5.0.0\reports\estimate_02_03_2011-01-00_00_578_PM.txt
C:\Documents and Settings\Administrator>
```

Execute the LCM command-line utility by entering the following text at the command prompt:  
**Utility.bat**  
**c:/lcm/lcmdefinition.xml -estimate**  
Where  
**c:/lcm/lcmdefinition.xml** is the location of the migration definition file.

# Migration Definition

The exports go to the same place

- **On the Shared Services / Foundation Server**
  - E:\Hyperion\Common\import\_export directory
  - Under the folder used in the export.






# Migration Definition

Now we login to shared service with newly created user “rupam” that has LCM administration utility.

Browse to File System , refresh it we can found the BispApp1 has come here through

Migration definition using utlity.bat



Artifact List					
Selected Artifacts		Search Artifacts		Application: Shared Services	
Name	Size (KB)	Type	Modified Date	Modified By	Description





# HFM application Migrating using LCM

## Conclusion

If you've been on several EPM projects you will know that migrating from development into QA or PROD for the very first time with LCM is no problem at all. This is where the tool, despite its limitations with versioning and its not knowing artifact dependencies, actually makes migration a snap.



*THANK YOU*

To learn more about hyperion please visit  
<http://learnhyperion.wordpress.com>