

LET'S SPEAK BO WEBINAR SERIES

BRINGING TOGETHER BO USERS & SPECIALISTS TO DISCUSS EVERYTHING BUSINESSOBJECTS



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Everything You Need to Know to Prepare for Your Next BusinessObjects Upgrade

Minith Patel, Architect @ InfoSol



Upgrade from and Too

BusinessObjects Versions

- XIR2 (Yes this still exists and is being used by handful)
- 3.1 (Few are still on this version)
- 4.0 (Not many on this one)
- 4.1 (more)
- 4.2 (Majority)
- 4.3 (Coming Soon)



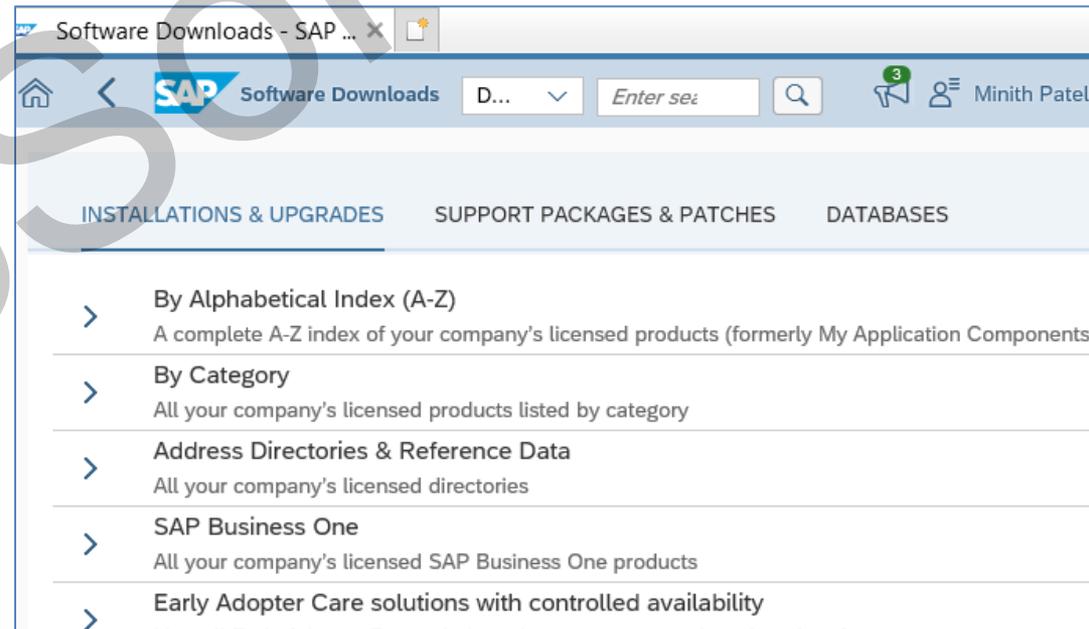
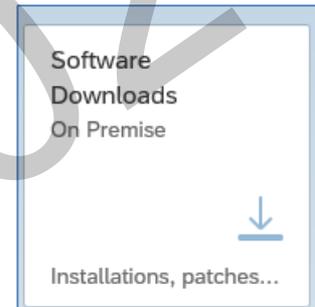
What type of Change and how to Do it

What

1. In place Upgrade
2. New install and Migration of content

How?

- Using install/patch files
 - New install
 - Patches
 - Hot Fixes
 - New ONE files



Download correct files

<input type="checkbox"/>	51053642_3 SAP CRYSTAL REPORTS FOR ENTERPRISE 4.2 SP07 WINDOWS (32B)	ZIP	1066872 KB	28.02.2019	28.02.2019	☰
<input type="checkbox"/>	51053642_4 SBOP BI PLATFORM 4.2 SP07 INTG FOR MS SHAREPOINT WINDOWS 32B	ZIP	1000683 KB	28.02.2019	28.02.2019	☰
<input type="checkbox"/>	51053642_5 SBOP BI PLATFORM 4.2 SP07 LIVE OFFICE WINDOWS (32B)	ZIP	756655 KB	28.02.2019	28.02.2019	☰
<input checked="" type="checkbox"/>	51053643 SBOP BI PLATFORM 4.2 SP07 SERVER WINDOWS 64B	ZIP	7589064 KB	28.02.2019	28.02.2019	☰
<input type="checkbox"/>	51053189_1 SBOP BI PLATFORM 4.2 SP06 CLIENT TOOLS WINDOWS (32B)	ZIP	2088413 KB	16.07.2018	16.07.2018	☰
<input type="checkbox"/>	51053189_2 SBOP BI PLATFORM 4.2 SP06 ENTER .NET SDK RUNTIME WINDOWS	ZIP	842787 KB	16.07.2018	16.07.2018	☰
<input type="checkbox"/>	51053189_3 SAP CRYSTAL REPORTS FOR ENTERPRISE 4.2 SP06 WINDOWS (32B)	ZIP	814971 KB	16.07.2018	16.07.2018	☰
<input type="checkbox"/>	51053189_4 SBOP BI PLATFORM 4.2 SP06 INTG FOR MS SHAREPOINT WINDOWS 32B	ZIP	898992 KB	16.07.2018	16.07.2018	☰
<input type="checkbox"/>	51053189_5 SBOP BI PLATFORM 4.2 SP06 LIVE OFFICE WINDOWS (32B)	ZIP	613642 KB	16.07.2018	16.07.2018	☰
<input checked="" type="checkbox"/>	51053185_1 SBOP BI PLATFORM 4.2 SP06 SERVER WINDOWS 64B 1/2	EXE	3906250 KB	13.07.2018	13.07.2018	☰
<input checked="" type="checkbox"/>	51053185_2 SBOP BI PLATFORM 4.2 SP06 SERVER WINDOWS 64B 2/2	RAR	2166074 KB	13.07.2018	13.07.2018	☰
<input type="checkbox"/>	51053190_4 SAP BUSINESSOBJECTS EXPLORER 4.2 SP06 WIN	ZIP	1501824 KB	13.07.2018	13.07.2018	☰



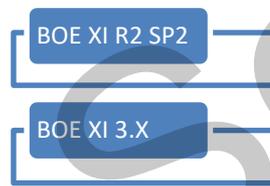
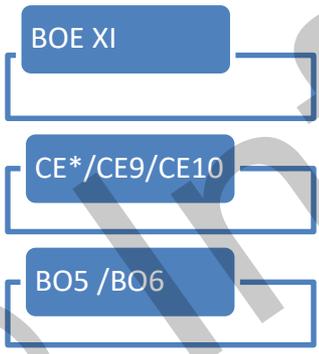
Know your Environment and Tasks

- What's new in BO 4.X and its Service Pack and what is not there anymore
- What is required for Installation of BO
- How much testing needs to be done
- Any 3rd party applications integrated with BO?
- Which new functionality can be introduced and what will it need (setup prerequisites)
- Time to clean house
- Create a Project with timeline



Upgrading to BI 4.2

No Direct Upgrade.
Have to Go to
BOE XI R2
Or
BOE XI 3.X



Direct Upgrade Using Upgrade Manager



Or via BIAR files from 3.1 to 4.2 Upgrade Manager



End of process in 4.x

- Encyclopedia
- Performance Manager
- Desktop Intelligence
 - Deskl compatibility Pack available
- Import Wizard
 - Promotion Manager (Life Cycle Manager)
 - Upgrade Management Tool



Tools and Name Changes

Previous Name	New Name
InfoView	BI Launch Pad
Web Intelligence (Interactive Analysis)	SAP BusinessObjects Web Intelligence
Xcelsius	SAP BusinessObjects Dashboard Designer
Dashboard Builder & My Infoview	BI Workspace
Voyager	SAP BusinessObjects Advanced Analysis, (now OLAP Edition)
Widgets	BI Widgets



3.1 vs 4.2 SP3 – What's new in CMC

Central Management Console

CMC Home

Welcome: Administrator | Preferences | Help

Organize

- Folders
- Personal Folders
- Categories
- Personal Categories
- Users and Groups
- Profiles
- Inboxes
- Servers
- Replication Lists
- Federation
- Query Results
- Temporary Storage
- Universes
- Connections
- Web Service Query
- OLAP Connections
- Data Services

Define

- Access Levels
- Calendars
- Events
- User Attribute Management

Manage

- Instance Manager
- Applications
- Settings
- Sessions
- Authentication
- License Keys
- Promotion Management
- Version Management
- BI Administrators' Cockpit
- Visual Difference
- Auditing
- Monitoring
- Multitenancy
- Cryptographic Keys
- Recycle Bin
- System Configuration Wizard



Question yourself

- What is the new DR strategy?
- What is the new Backup Process?
- Is there a need for Custom Login? (Based on user profile)
- Security setup?
- Users and Developers Accounts
- BI Mobile?
- Helpdesk ?
- Self Service ?
- Who is going to work on which tasks?



Upgrade BO 4.2		Team/resource	Feb					March				April				May						
Stage	Task		1st	8th	15th	22nd	29th	7th	14th	21th	28th	4th	11th	18th	25th	2nd	9th	16th	23rd	30th		
Plan	Manage Project		[Pink bar]																			
Clean			[Light blue bar]																			
1	Repository Cleanup and Archive Contents		Repository Cleanup/Archive Contents and Deski Reports Conversion																			
Build			[Light blue bar]																			
1	Install and Setup Stage(POC) environment		Stage																			
2	Install and Setup Infoburst		Infoburst																			
3	Install and Setup Version Manager		VM																			
Migrate			[Light purple bar]																			
1	Contents from BO		BO																			
2	Contents from infoburst		IBE																			
3	Contents from Version Manager		VM																			
Test			[Light orange bar]																			
1	Test BO install and setup		BO																			
2	Test IBE install and setup		IBE																			
3	Test VM install and setup		VM																			
4	Test Reports and Contents		Reports and Contents																			
Resolve	Resolve issues and note lessons learn		Resolve issues and note lessons learn																			
Build			[Light blue bar]																			
1	Install and Setup Dev		Dev																			
2	Install and Setup Prod		Prod																			
3	Install and Setup Version Manager		IBE																			
4	Install and Setup Infoburst		VM																			
Migrate			[Light purple bar]																			
1	Contents from BO		BO																			
2	Contents from infoburst		IBE																			
3	Contents from Version Manager		VM																			
Test			[Light orange bar]																			
1	Test BO install and setup		BO																			
2	Test IBE install and setup		IBE																			
3	Test VM install and setup		VM																			
4	Test Reports and Contents		Reports and Contents																			
Resolve	Resolve issues and note lessons learn		[Light green bar]																			



Pre Installation

- Product Availability Matrix (PAM)
- Installation Pre-requisites
 - Database drivers both 32 and 64
 - "[Microsoft Visual C++ 2005 Service Pack 1 Redistributable Package MFC Security Update x86 and x64 executables](#)"
- Enable Windows 8.3 filename support
- Install MDAC 2.8
- Install .NET Framework 3.5 or +
- **Disable Anti-Virus and Firewall**
- Install is member LOCAL ADMINISTRATOR's group
- WINDOWS - Run as Administrator
- UNIX
 - Unix installer must not be root and not belong to root group or group of same name as user.
 - Unix installer must have HOME directory
 - En_US.utf8 installed
 - Executable setup.sh



Pre Installation – Check List (Server)

Prerequisites	Done
CMS and Audit Database creation and Connection setup (ODBC, TNS file name etc)	
Check server specification (ram, cpu, disk space)	
Turn off firewall	
Turn off antivirus	
DEP – turn ON DEP for essential windows programs and services only	
In control panel under users and groups change the option for USER account control to “never notify”	
Install .net framework 3.5 or higher	
Install MS visual C++ 2005 service pack1 redistributable package MFC security UpdateX86 and X64 executables	
Install MDAC 2.8	
Enable Windows 8.3 filename support name creation.	
Install is member of local admin group	
User/service account has local security policy of →Act as part of operating system	
IPV4 is preferred over IPV6	



Pre-requisites before proceeding :

- Ensure you take the necessary backup of CMS database and Filestore for safe side using KBA-1275068 – Backup and restore BusinessObjects Enterprise XI 3.x / BI 4.x system from one environment to another.
- Follow BEST practice KBA- 1952120 – SAP BusinessObjects (XI 3.1 and BI 4.0) Installation pre-requisites & best practices / KBA-1757132 – BI4 Support Pack Upgrade and Patch Install Best Practice Guide
- Download the correct setup for SAP BusinessObjects Business Intelligence (BI) platform UPDATE from Support and Patches section in SMP (Service Market Place)
- Applicable for BI 4.2 Installers and should not be tried with BI 4.0/4.1 products.
- VERY IMPORTANT : If updating the Server from BI 4.1 ensure to check the licensee policy and requirement using link : [BI4.2 New License Key Requirement when updating from BI4.0/BI4.1](#)



Installation tips

Do's

- Check PAM and have all prerequisites in place
- Double check if you have required space for file store
- Ensure that all related applications are active(eg database)
- Take Screen shots of each steps
- Note all the passwords Cluster Key, Administrator PW, LCM User/PW
- Install for what you might someday use (Can disable later and gets patched as you go)
- Always Custom Install

Don'ts

- Install in C: (where OS is installed)
- Store File Store locally
- Have any events triggered during install (system scan,etc)



Post Installation tips

- Check installation (run sample report, create new document, check FRS etc)
- Know your tools (UMT, VM, Promotion Manager etc)
- Test basic Functionality
- Note issues and observation



Post install checklist

Task	Done
License	
Platform Search – setting and schedule	
Auditing basic setup and settings – Auditing Universe and reports	
Version Management – check Sub version settings	
CMC servers (Split APS) (set destination/email in AJS, Add more processing servers)	
Default settings in Job and processing servers	
Hot backup (enable hot backup)	
Authentication – Windows AD,etc. SSO	
Setup instances Limits on folders (top level security)	
File store – Location (locally hosted, set up on NAS)	
Promotion Manager (setup of systems, source and destination)	
Information Steward – setting and connection	
Test (perform a series of tests from connection creation to refreshing a report in webi)	



Test Checklist - basic

Task	Done
New Connection	
New Universe	
New Report	
New Promotion	
New User Login and SSO	
New User Security (folder and group)	
New Versioning of Object	
New log files	
New Schedules (to e-mail, SharePoint etc)	



Split APS (Adaptive processing server) Tips

Do's

- Use System Configuration Wizard or Create New
- Create additional Webi/Crystal/ processing servers as needed
- Use Configuration Template option

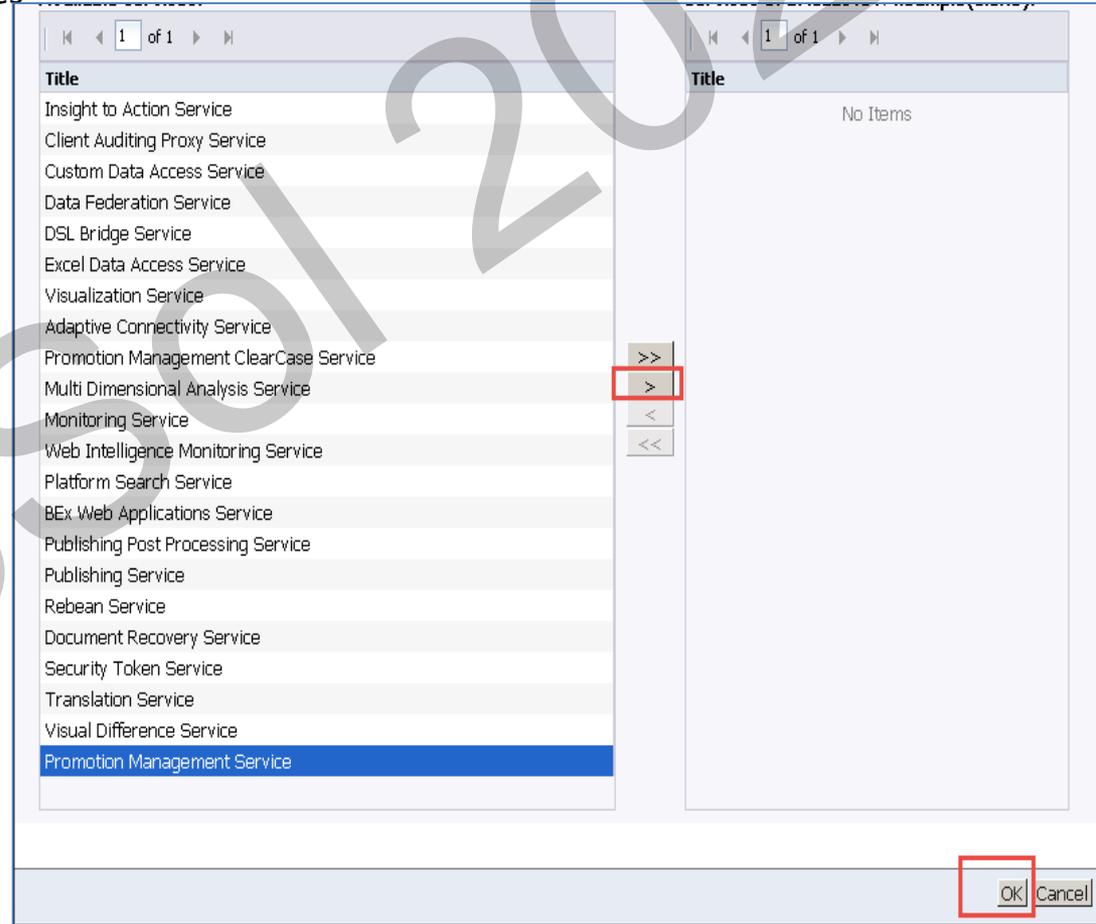
Don'ts

- DO NOT CLONE!!! Create New(Avoid unnecessary command line entries)
- DO not directly update the java size in command line parameter (Copy, save, edit and replace)



Select Services

- DO NOT CLONE!!! Create New
 - Avoid unnecessary command line entries
- There are 23+ discreet services
- Can create dedicated APS server



Using Configuration template option - Trick

- Helps with consistency of settings performed on one server on its other cloned servers
- Synchronized setting across all similar servers

Properties: BASEBI40VM.Sample(Clone.)

Hide Navigation

Properties
Translations
User Security
Placeholders
Existing Server Group

Information Engine Service

Use Configuration Template

Enable List Of Values Cache

List Of Values Batch Size (entries):

Maximum Custom Sort Size (entries):

Universe Cache Maximum Size (Universes):

Maximum List Of Values Size (entries):

Restore System Defaults

Set Configuration Template

TraceLog Service

Use Configuration Template

Log level:

Restore System Defaults

Set Configuration Template

Web Intelligence Core Service

Use Configuration Template

Timeout Before Recycling (seconds):

Idle Document Timeout (seconds):

Server Polling Interval (seconds):

Maximum Documents per User:

Maximum Documents Before Recycling:

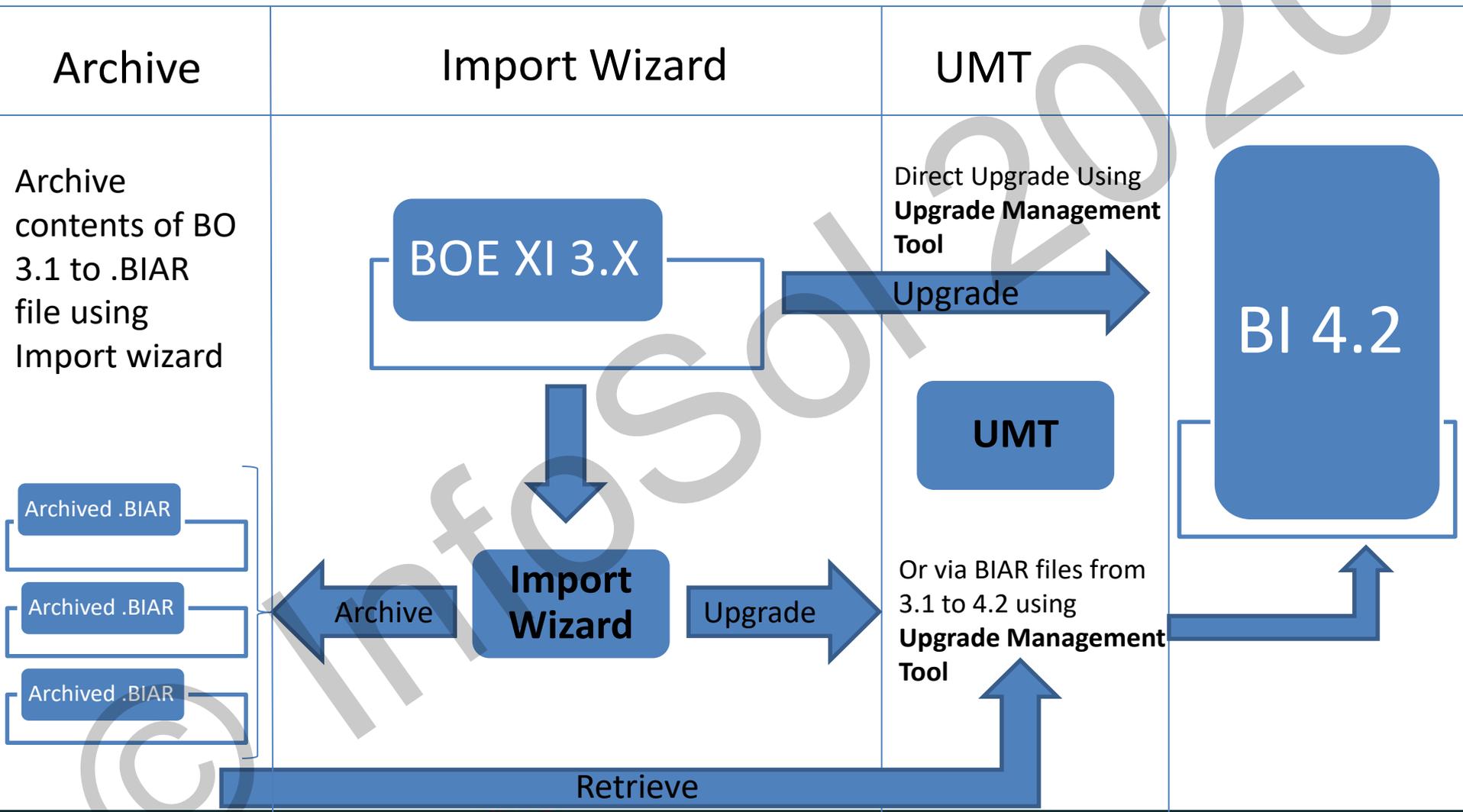
Allow Document Map Maximum Size Errors

Idle Connection Timeout (minutes):

Options are grayed out



Recommended Archive and Migrate process



Move Content

- UMT – Upgrade Management Tool
 - Replaces Import Wizard
 - Supported usage – migration of content from previous MAJOR versions (XI R2 SP2+)
- LCM – Promotion Manager
 - Move Content within BO 4.X environment



Upgrade management tool

- Replaces Import Wizard
- Migration of Content to the new 4.X environment
- Improvements in performance and selection process
- Specify log level
- Specify Temp folder location
- New filter option to reduce objects presented for migration by Time selection of modified objects between start-end date, object type and Objects already migrated.
- Export pending/recurring instances
- View Approximate size of selected content



Upgrade management tool



Upgrade Management Tool

Welcome to Upgrade Management Tool

Specify Complete Upgrade or Incremental Upgrade from below.

Select language: English

Welcome

Log On

Select Filters

Object Selection

Parameters

Summary

Export

Finish

Complete Upgrade

An easy-to-use solution that copies all objects and files from the source system to the destination system and upgrades them on the destination system with default options. The source system is left unmodified.

Incremental Upgrade

Copies the objects and files that you select from the source system to the destination system and upgrades them on the destination system with the options that you specify. The source system is left unmodified.

Log Options

Log Level: Default

Log Location: C:\SAP BusinessObjects\SAP BusinessObjects Enterprise XI 4.0\Logging\

Temporary Folder Location: C:\Users\ADMINI~1\AppData\Local\Temp\2

Help

Back

Next

Start

Cancel



Upgrade management tool

Upgrade management tool - Incremental Upgrade

Log On
Select existing environments in which upgrade management tool will export the content from and to.

Welcome
Log On
Select Filters
Object Selection
Parameters
Summary
Export
Finish

Upgrade Scenario: Live to Live Save credentials for future usage

Source

CMS Name: ClassroomVM2016
User Name: Administrator
Password:
Authentication: Enterprise

Destination

CMS Name: ClassroomVM2016
User Name: Administrator
Password:
Authentication: Enterprise

Help Back Next Start Cancel



Upgrade management tool

Upgrade management tool - Incremental Upgrade

Select Filters
The Selection Filter allows you to select specific types and combinations of objects.

Source: ClassroomVM2016 (XI 4.2)
Destination: new biar file.biar (BIAR)

Welcome
Log On
Select Filters
Object Selection
Parameters
Summary
Export
Finish

On Source

Apply Time Filter

Modified Start Date: 4/ 1/2016 10:20 AM

Modified End Date: 5/11/2016 10:20 AM

Select All Object Type

Object Type
<input checked="" type="checkbox"/> AFDashboardPage
<input checked="" type="checkbox"/> AdminTool
<input checked="" type="checkbox"/> Agnostic
<input checked="" type="checkbox"/> Analysis Presentation
<input checked="" type="checkbox"/> Analysis Workbook

On Destination

_Hide objects which are already upgraded

Help Back Next Start Cancel

Upgrade management tool

Upgrade management tool - Incremental Upgrade

Object Selection

Select objects and files to copy to the destination system, and upgrade them on the destination system. The source system is unmodified.

Source: ClassroomVM2016 (XI 4.2)
Destination: new biar file.biar (BIAR)

Welcome
Log On
Select Filters
Object Selection
Parameters
Summary
Export
Finish

Object Type	Options	Content
<input type="checkbox"/> Applications	<input checked="" type="checkbox"/>	Alerting
<input type="checkbox"/> Calendars	<input checked="" type="checkbox"/>	Analysis edition for OLAP
<input type="checkbox"/> Corporate Categories	<input checked="" type="checkbox"/>	BEX.BExWeb

Apply to selected objects

Options

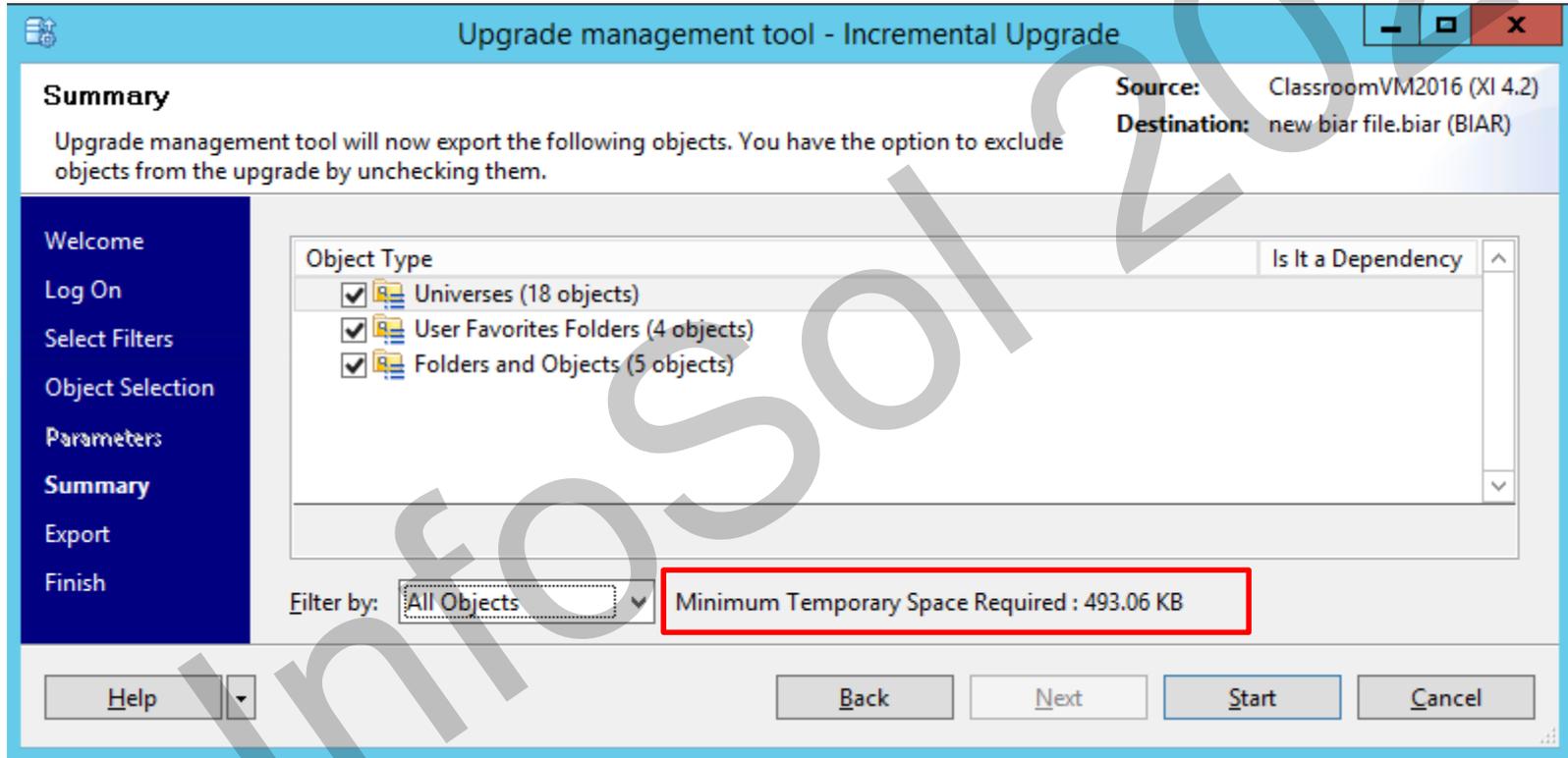
Object Instances

- Export all instances of an object if the object is selected to have its dependencies exported.
- Export pending/recurring instances of an object if the object is selected to have its dependencies exported.
- Do not export object instances.

Help OK Cancel



Upgrade management tool



Upgrade management tool

Upgrade management tool - Incremental Upgrade

Source: ClassroomVM2016 (XI 4.2)
Destination: new biar file.biar (BIAR)

Export

Welcome
Log On
Select Filters
Object Selection
Parameters
Summary
Export
Finish

- ✓ Preparing objects 27 of 27 objects attempted. 0 failed.
- ✓ Updating objects 27 of 27 objects attempted. 0 failed. 0 new objects created. 0 objects excluded.
- ✓ Committing objects 27 of 27 objects attempted. 0 failed.
- ✓ Updating committed objects No objects require update.

General Info | Object Log

- Step "Preparing objects" started.
- Step finished.
- 27 of 27 objects attempted. 0 failed.
- Step "Updating objects" started.
- Step finished.
- 27 of 27 objects attempted. 0 failed. 0 new objects created. 0 objects excluded.
- Step "Committing objects" started.
- Step finished.
- 27 of 27 objects attempted. 0 failed.
- Step "Updating committed objects" started.
- Step finished.
- No objects require update.
- The upgrade log can be located at: C:\SAP BusinessObjects\SAP BusinessObjects Enterprise XI 4.0\Logging\upgrademanagementtool20160510101234637.csv
- The trace logs can be located at: C:\SAP BusinessObjects\SAP BusinessObjects Enterprise XI 4.0\Logging\

Help | Back | Next | Close | Cancel

1904814 - **Master KBA: Best practices for a successful migration to BI4 using the upgrade management tool**

- **Planning your migration**
- **Run a Repository Diagnostics Scan (Reposcan) on Source (and Target if applicable)**
- **Check All systems for possible issues?**
- **Clear the Temporary storage in CMC**
- **Disable Auditing**
- **Disable Platform Search / indexing**
- **Migrating from/to a LIVE system ?**
- **Where should you run the UMT ?**
- **What resources are required to run UMT ?**
- **During migration, what BI4 server processes should to running & where ?**
- **Choosing between Complete vs. Incremental migration is based on a lot of factors**
- **Beware of Timeouts**
- **Migration considerations when using external Authentication like SAP, AD or LDAP:**
- **How to further improve UMT performance ?**
- **Troubleshooting**
- **Some Known issues when performing migration**
- **Migration finished , now what ?**



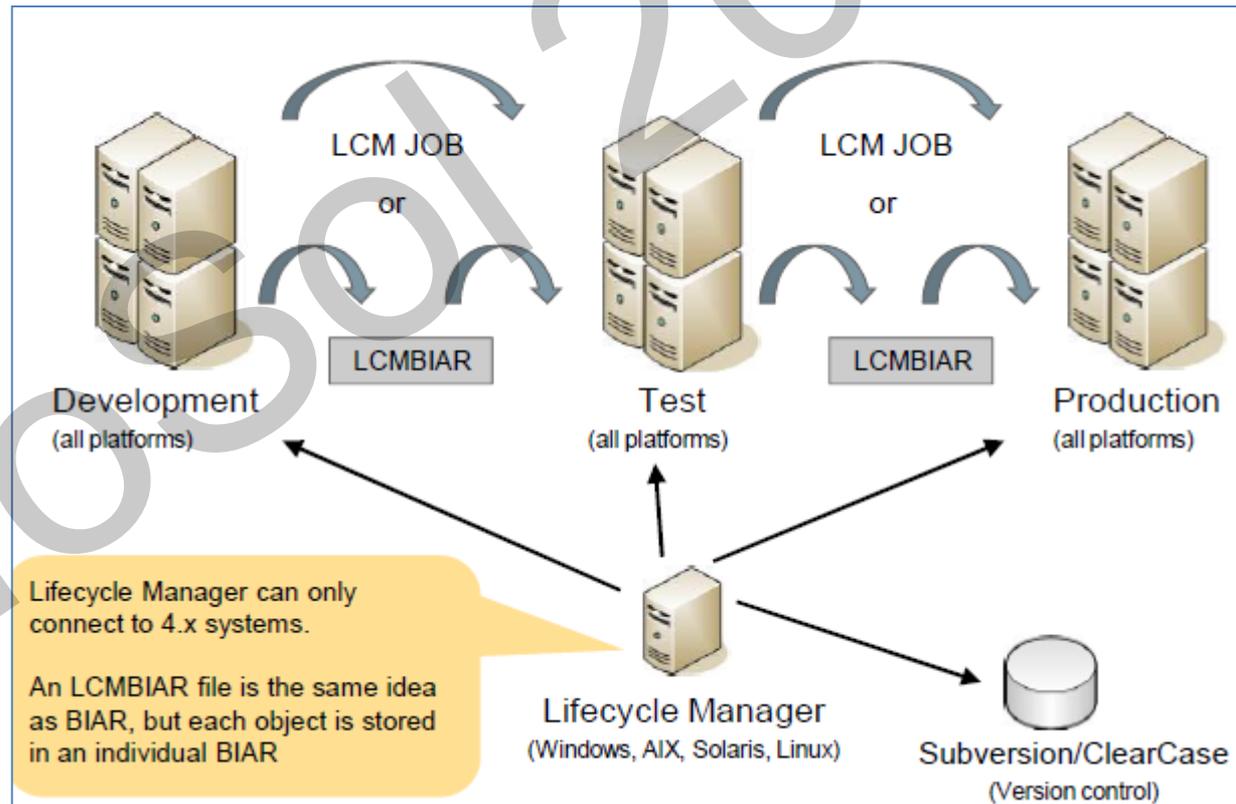
LifeCycle manager

LCM tools

- Promotion Manager
- Version Management
- Visual Difference

.LCMBIAR file

Live



Promotion management

Central Management Console

CMC Home ▼ Welcome: Administrator

Organize	Define
Folders	Access Levels
Personal Folders	Calendars
Categories	Events
Personal Categories	User Attribute Management
Users and Groups	
Profiles	
Inboxes	
Servers	
Replication Lists	
Federation	
Query Results	
Temporary Storage	
Universes	
Connections	
Web Service Query	
OLAP Connections	
	Manage
	Instance Manager
	Applications
	Settings
	Sessions
	Authentication
	License Keys
	Promotion Management
	Version Management
	Visual Difference
	Auditing
	Monitoring
	Cryptographic Keys
	Multitenancy
	System Configuration Wizard

- All Folders
- Personal Categories
- Inboxes
- Favorite Folders
- Categories
- Projects
- Universes
- Connections
- QaaWS
- Events
- Calendars
- Access Levels
- Users
- User Groups
- User Group Hierarchy
- BusinessViews
- Server Groups
- Profiles
- Remote Connections
- Replication Lists
- Applications



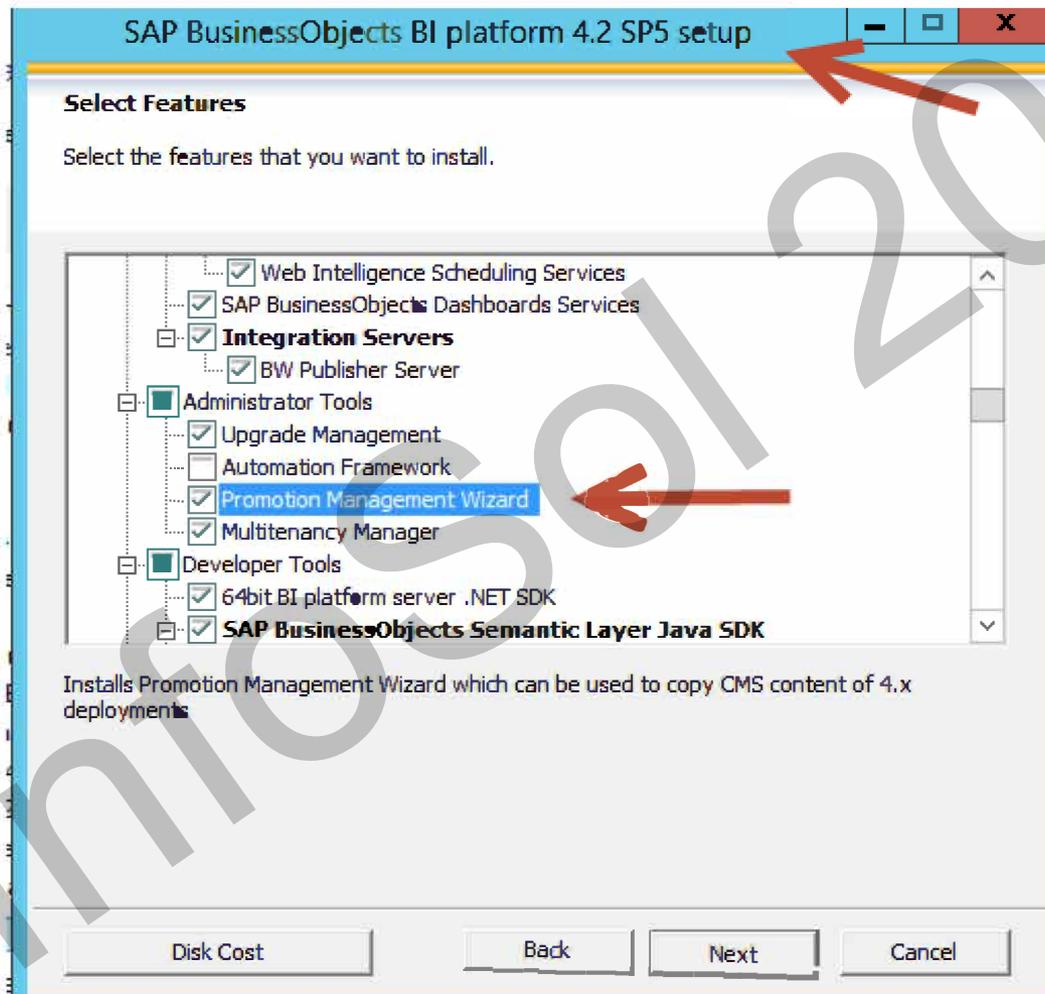
Wizard



Promotion Management Wizard

Promotion Management
Wizard





Scenario Step

Choose a Scenario and the Systems to copy

Welcome > **Scenario** > Objects > Dependencies > Summary > Finish



Export (Live CMS to Icmbar file)

Copy the objects and the files that you select from a source system to a Icmbar file with the options that you specify in the next steps. You can use the Icmbar file later with the Import scenario.



Promote (Live CMS to Live CMS)

Copy the objects and the files that you select from a source system to a destination system with the options that you specify in the next steps.



Import (Icmbar file to Live CMS)

Using a Icmbar file that was previously created during an Export Scenario, populate the objects and files to a destination system.

Source

Make the Central CMS as the Source CMS

Name:

User:

Password:

Authentication: Enterprise

Destination

File:

Password:

Confirm password:



Objects Step

Choose Full Promotion (all objects) or Selective Promotion

Central CMS: InfoSol02
Source: InfoSol02
Destination: test.lcmbar

Welcome > Scenario > **Objects** > Dependencies > Summary > Finish



Full content promotion

Copy all objects, instances, relationships, security definition from the source to the destination. Because all relationships are kept, dependencies will not be evaluated.



Selective content promotion

Copy the objects and instances that you select from the source to the destination. Dependencies will be calculated during the next step.

Options...

Apply Time Filter: From: October 26, 2012 9:39:49 AM To: October 26, 2017 9:39:49 AM

Title	Title	Date Modified
Access Levels		
▶ All Folders		
Applications		
▶ BusinessViews		
Calendars		
▶ Categories		
▶ Connections		
▶ Events		
▶ Favorite Folders		
▶ Inboxes		
Lumira Bookmarks		
▶ Personal Categories		
Profiles		
Projects		
QaaWS		
Remote Connections		
Replication Lists		
Server Groups		
Sets		
System resources		



Back Next Start Cancel



Objects Step

Choose Full Promotion (all objects) or Selective Promotion

Central CMS: InfoSol02
Source: InfoSol02
Destination: test.lcmbar

Welcome > Scenario > **Objects** > Dependencies > Summary > Finish



Full content promotion

Copy all objects, instances, relationships, security definition from the source to the destination. Because all relationships are kept, dependencies will not be evaluated.



Selective content promotion

Copy the objects and instances that you select from the source to the destination. Dependencies will be calculated during the next step.

Options...

Apply Time Filter: To: October 26, 2012 9:39:49 AM To: October 26, 2017 9:39:49 AM

<input type="checkbox"/>	Title	<input type="checkbox"/>	Title	Date Modified
<input type="checkbox"/>	Access Levels	<input type="checkbox"/>		
<input type="checkbox"/>	All Folders	<input type="checkbox"/>		
<input type="checkbox"/>	Applications	<input type="checkbox"/>		
<input type="checkbox"/>	BusinessViews	<input type="checkbox"/>		
<input type="checkbox"/>	Calendars	<input type="checkbox"/>		
<input type="checkbox"/>	Categories	<input type="checkbox"/>		
<input type="checkbox"/>	Connections	<input type="checkbox"/>		
<input type="checkbox"/>	Events	<input type="checkbox"/>		
<input type="checkbox"/>	Favorite Folders	<input type="checkbox"/>		
<input type="checkbox"/>	Inboxes	<input type="checkbox"/>		
<input type="checkbox"/>	Lumira Bookmarks	<input type="checkbox"/>		
<input type="checkbox"/>	Personal Categories	<input type="checkbox"/>		
<input type="checkbox"/>	Profiles	<input type="checkbox"/>		
<input type="checkbox"/>	Projects	<input type="checkbox"/>		
<input type="checkbox"/>	QaaWS	<input type="checkbox"/>		
<input type="checkbox"/>	Remote Connections	<input type="checkbox"/>		
<input type="checkbox"/>	Replication Lists	<input type="checkbox"/>		
<input type="checkbox"/>	Server Groups	<input type="checkbox"/>		
<input type="checkbox"/>	Sets	<input type="checkbox"/>		
<input type="checkbox"/>	System resources	<input type="checkbox"/>		

Promotion Management Wizard

Objects Step

Choose Full Promotion (all objects) or Selective Promotion

Central CMS: InfoSol02
Source: InfoSol02
Destination: test.lcmbar

Welcome > Scenario > **Obj**



Full content promotion

Copy all objects, including dependencies will not



Selective content promotion

Copy the objects and

Apply Time Filter: October 26

- Monitoring Report Sa
- Platform Search Sche
- Probes
- Report Conversion To
- Report Samples
- System Configuration
- Visual Difference
- Web Intelligence Sam
- West Coast Air
- Applications
- BusinessViews
- Calendars
- Categories
- Connections
- Events
- Favorite Folders
- Inboxes
- Lumira Bookmarks
- Personal Categories
- Profiles

Export Options

Object Instances

- Export all instances of an object when the object is selected
- Export only the recurring instances of an object when the object is selected
- Do not export object instances

Object Dependencies

- Include dependencies when selecting objects
- Exclude dependencies when selecting objects

Security

- Include Object Security
- Include User Security
- Include Top Level Security
- Include Application Security

Commentary

- Include Comments

Federation Jobs

- Include Federation Jobs relationship

Name Conflict Resolution

If the tool copies an object to a folder that already contains an object of the same name and type, the tool should:

- Rename the object to avoid name conflict

OK

Cancel

relationships are kept,

during the next step.

Options...

Date Modified	<input checked="" type="checkbox"/>
Feb 24, 2017	<input checked="" type="checkbox"/>
Feb 24, 2017	<input type="checkbox"/>
Feb 24, 2017	<input type="checkbox"/>
Feb 24, 2017	<input type="checkbox"/>
Feb 24, 2017	<input type="checkbox"/>
Feb 24, 2017	<input type="checkbox"/>

Back

Next

Start

Cancel

Dependencies Step

Choose the objects discovered as dependency

Central CMS: InfoSol02
Source: InfoSol02
Destination: test.lcmbiar

Welcome > Scenario > Objects > **Dependencies** > Summary > Finish

Expand all Collapse all

<input checked="" type="checkbox"/>	Title	Cuid	Date Modified
▲ <input checked="" type="checkbox"/>	West Coast Air Connection	AbuSqe3huF5NtnfkuUkFIYw	Feb 24, 2017
▲ <input type="checkbox"/>	Webi		
<input type="checkbox"/>	Exercise 2	AV2fpvCDB@ZKu9l1AmpP4a0	Feb 24, 2017
▲ <input checked="" type="checkbox"/>	West Coast Air Universe.unx	AfVLKeyLtPFJiZvt@l_YGtK	Feb 24, 2017
▲ <input type="checkbox"/>	Webi		
<input type="checkbox"/>	Exercise 2	AV2fpvCDB@ZKu9l1AmpP4a0	Feb 24, 2017

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X

Promotion Management Wizard

Summary Step

Review the content that will be copied

Central CMS: InfoSol02
Source: InfoSol02
Destination: test.lcmbiar

Welcome > Scenario > Objects > Dependencies > **Summary** > Finish

Expand all Collapse all

Title	Cuid	Date Modified
CCIS.DataConnection (1 objects)		
West Coast Air Connection	AbuSqe3huF5NtnfkuUKFIYw	Feb 24, 2017
DSL.MetaDataFile (1 objects)		
West Coast Air Universe.unx	AfVLKeyLtPFJiZvt8I_YGtK	Feb 24, 2017
Webi (1 objects)		
Exercise 2	AV2fpvCDB8ZKu9I1AmpP4a0	Feb 24, 2017

Minimum temporary space required: 223.39 KB



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Finish Step

Monitor the copy process and review the result once finished

Central CMS: InfoSol02
Source: InfoSol02
Destination: test.lcmbiar

Welcome > Scenario > Objects > Dependencies > Summary > Finish

Console Selective Export (10/26/17 9:49 AM)

No instances will be exported.
Scenario started at 10/26/17 9:57 AM ...
Source is InfoSol02.
Destination is C:\Users\MinithP\Desktop\test.lcmbiar.
Browser cleared
Added 1 resource(s)
No instances will be exported.
Computing dependencies ...
Dependencies computed
Added 2 resource(s)
No instances will be exported.
Setting options:
- Rename pattern is "%1 - Copy (%2)"
- Comments are OFF
- Federation job relationship is ON
- Object security is OFF
Saving job "Selective Export (10/26/17 9:49 AM)" ...
Job saved
Exporting resources from source "infosol02:6400" to file "test.lcmbiar" ...
Resources exported
Deleting job "Selective Export (10/26/17 9:49 AM)" ...
Job deleted
Browser cleared
[Finished. See result.](#)
Scenario took 4s.

Clear

Promotion Management Wizard

Scenario has already been run. Do you want to run it again ?

OK Cancel



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Key Points

- PAM = Code of Conduct
- Perform POC
- Know the changes and Its Impacts
- Download Correct Files
- Always have a check list for reference
- Sizing is Important
- Estimate effort required
- **Know how to Move contents** and what to Move (UMT and Promotion Management)
- Project Management is key to success



Questions ?

- The End
- おわり-owari
- समाप्त-samapt
- अंत-aant
- शेवटी-Shevati

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Thank You!

