



**Reduce 80% of your SAP
BusinessObjects migrations
timelines and budget**

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GB&SMITH



GB&SMITH

Administration Intelligence

Edge – 92K user deployments
1,000,000 administrated users

- > 30 countries
- > 98% renewal rate
- > 500 clients
- 50 people

Boston – London – Lille & Grenoble

Business Objects
co-founder
just joined
GB&Smith Board



GB&SMITH
Administration Intelligence



**Streamline and Extend
SAP BusinessObjects**



Secure your BO deployment



**Schedule & burst your BO
reports**



Ensure BO license compliance



**Backup, promote & version BO
content**



Explore & analyze BO metadata



**Automate report qualification
Non-regression testing**



XIR2

XI3

BI4

10 Steps How to Upgrade toward SAP BusinessObjects BI4.2?

1 Prepare

Document your source environment



3 Pinpoint

Duplicated or unused reports, unused universe objects...



5 Define the license pool

Analyze your session peaks



7 Compare

Highlight source and target differences. Follow evolution



9 Promote

Drag&drop and automatic bulk-promotion



2 Backup

Mitigate risks linked to backup, disaster recovery



4 Clean Up

Reports, universe objects, instances, inboxes...



6 Impact Analysis

Track calculation engine changes, modified objects



8 Qualify

Automated regression testing



10 Secure

Define access rights using our unique matrix



1M Users Since 2007



With SAP 6 Suite

GB SMITH
Administrative Intelligence

Step 1: Prepare / Assessment

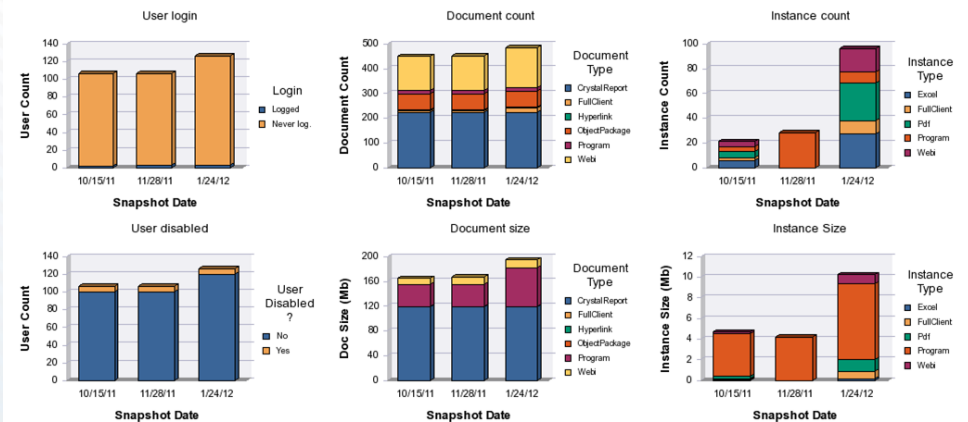
Document Volumetry

Document & Instance volumetry per folder type

Folder Group	Document Count	Instance Count	Document Size (Mb)	Instance Size (Mb)
/Root Folder/	464	437	142.32	76.13
/User Folders/	28	0	4.06	
Sum:	492	437	146.38	76.13

CMS Dashboard of @Lenny:6400

Follow your CMS statistics through time



Step 2 Backup: setup dynamic delta job

Administrator@BOR4:6400
Versioning Task

CMS: BOR4:6400

User Name: Administrator

Password: ●●●●●●

Authentication: Enterprise ▾

Task Title: Full Backup

Versioned Objects :

- Users (0)
- User Groups (1)
- Documents (0)
- Folders (1)
- Universes (0)
- Universe Folders (1)
- Connections (0)
- Connection Folders (1)
- Custom Access Levels (1)

External ▾ <http://localhost:8080/360R4/external/launchTask.js>

Events: ☐

Max of versions: 5

Include subfolders: ☒

Instances: ☒ Number of Instances: 20

Favorites: ☒

Dynamic backup (any root like root folder, root group...)

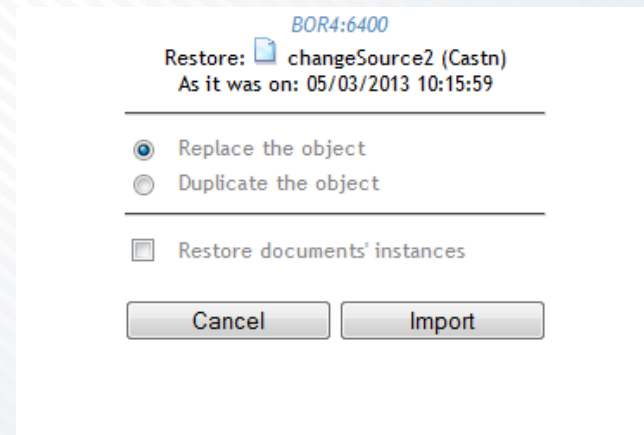
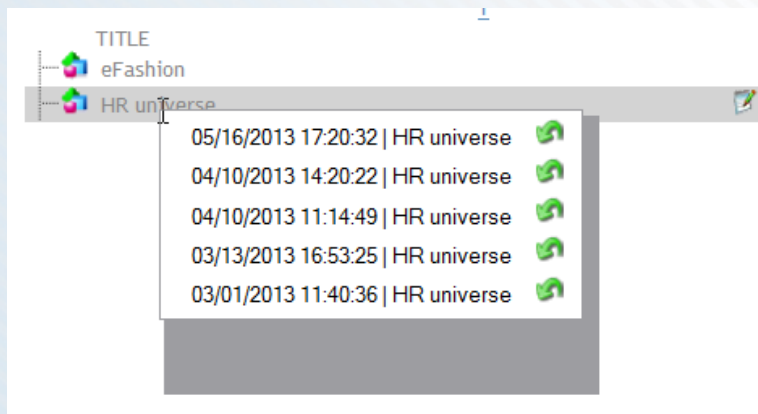
First run full backup, then delta / incremental nightly backups

You can keep 5 versions, backup or not instances

Step 2 Backup: rollback

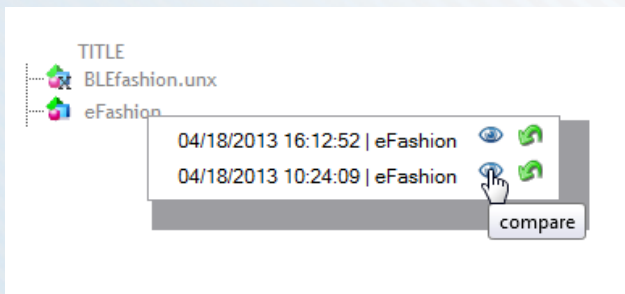
Restore any object one by one (universe, personal & corporate documents, users, CAL, instances, publications...).

Rollback/undo any action/object. 5 versions are available. Automatic cleaning.



Step 2 Backup: compare object versions

Prior restore,
highlight differences
or export them to
Excel:



BOR4:6400

Current version	Versionned on : 04/08/2013 12:10:07
< Root	< Root
> CitySS	> CitySS
> Country	> Country
> Customer	> Customer
> Invoice Line	> Invoice Line
> Region	> Region
> Region Sline	> Region Sline
> Reservation Line	> Reservation Line
> Reservations	> Reservations
> Resort	> Resort
> Sales	> Sales
> Age Group	> Age Group
> Sales Person	> Sales Person
> Service	> Service
> Service Line	> Service Line
< Copie de CitySS	< Copie de CitySS
City Id	City Id
City	City
Region Id	Region Id
Sales Person	Sales Person
Indicateur	Indicateur

Name : Sales Person
Description :
State : Active
Access : Confidential
Data type : date
Select Exp : C:\club.Sales_Person.sales_person
Where Exp :
Tables : Sales_Person

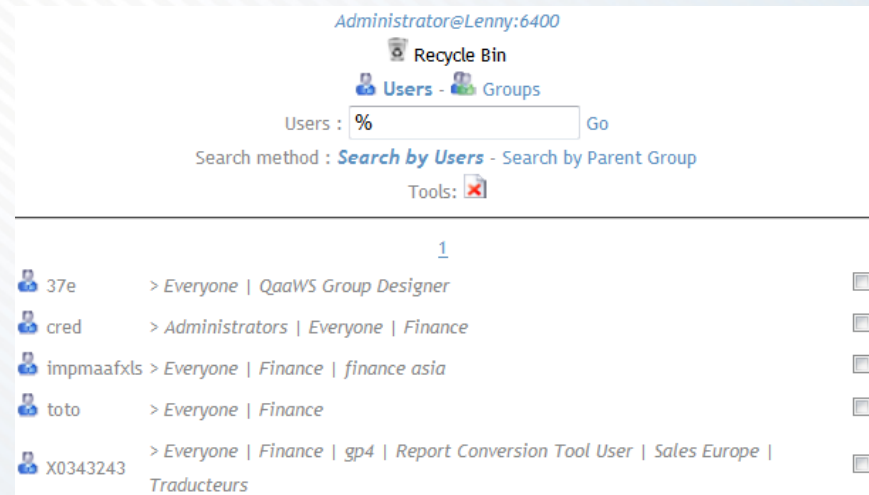
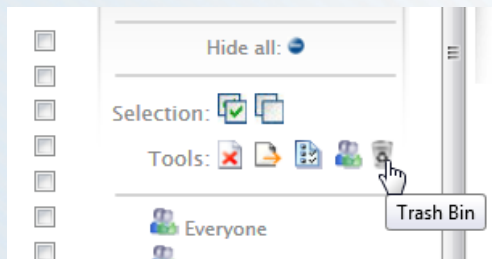
Legend

- The object exists in both versions but it has some different attributes.
- The object has been added in the current version.
- The object has been removed from the current version.

Step 2 Backup: recycle bin

Have you lost or accidentally removed objects/personal or corporate reports, universes or instances? Restore them using the Recycle Bin feature.


360Plus is a **'oops' strategy software**. Restore any lost object (same CUID, same security, personal document, instances...)



Step 2 Backup: disaster recovery

Full server backup schedule every Friday night (FRS+CMS)

To recover from a disaster, first restore the last full backup and then restore all the incremental backup between last Friday and today using 360Plus delta restore job:

Authentication:	Enterprise ▾
Task Title:	recovery after a disaster
Job type:	Restore Backup ▾
<i>To restore the latest backup between the date bounds of your saved objects.</i>	
Restore objects saved between :	00 ▾ 00 ▾ 2016/02/01
and:	00 ▾ 00 ▾ 2016/02/25
Restore Instances:	<input checked="" type="checkbox"/> 
Frequency ▾	Now ▾

Step 3: Clean up (most important)

Optimize the content to be migrated/before backup (step 10)!



Step 3: Clean up/unused content

Last documents use

List of document providing the last usage date (detect also never used documents)

Document Path	Document Name	Action Count	Last action date	Number of inactivity days
/Inboxes/Administrator/	CAST Revenue per city and per year2006	0	NO ACTION	NO ACTION
/Inboxes/Administrator/	reportinboxGhana20120103_154130	0	NO ACTION	NO ACTION
/Inboxes/Administrator/	reportinboxGhana20120103_155315FY20032000	0	NO ACTION	NO ACTION
/Inboxes/Administrator/	reportinboxGhana(yyyyMMdd_HH:mm:ss)FY20032000	0	NO ACTION	NO ACTION
/Inboxes/Administrator/	Revenue per city and per year20120103_160116	0	NO ACTION	NO ACTION
/Inboxes/Administrator/	Revenue per city and per year20120103_161606	0	NO ACTION	NO ACTION
/Root Folder/Marketing/	article	0	NO ACTION	NO ACTION
/Root Folder/Marketing/	custom SQL document efashion	0	NO ACTION	NO ACTION
/Root Folder/Marketing/	shop facts SQL only	0	NO ACTION	NO ACTION
/Root Folder/Marketing/	WebiExcel	0	NO ACTION	NO ACTION
/User Folders/Administrator/	huon	5	4/27/12	66
/Root Folder/Marketing/	Revenue per city and per year csv on behalf	28	5/4/12	59
/Root Folder/Marketing/	Revenue per city and per year macif	122	5/8/12	55
/Root Folder/Marketing/	Revenue per city and per year	147	6/28/12	4

Step 3: Clean up/duplicated reports

Track duplicated reports

Track reports with same DP/queries/objects, same variables

article (MD5: 0e374ce0408dde3dce30e6896ef8c231)

Document Path	Document Name	Document Type
/Root Folder/Marketing/	article	Webi
/User Folders/admin/personal folder admin/	360cast webi doc	Webi

CAST Revenue per city and per year2006 (MD5: 0e3b2d34dc825b25fbd6036b89a7f94c)

Document Path	Document Name	Document Type
/Inboxes/Administrator/	360Cast_CAST Revenue per city and per year	Webi
/Inboxes/Administrator/	360Cast_CAST Revenue per city and per year2006	Webi
/Inboxes/Administrator/	CAST Revenue per city and per year2006	Webi

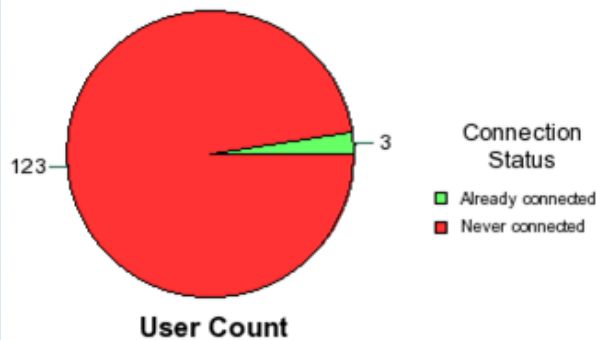
Step 3: Clean up/dormant users

Recycle BO Licences

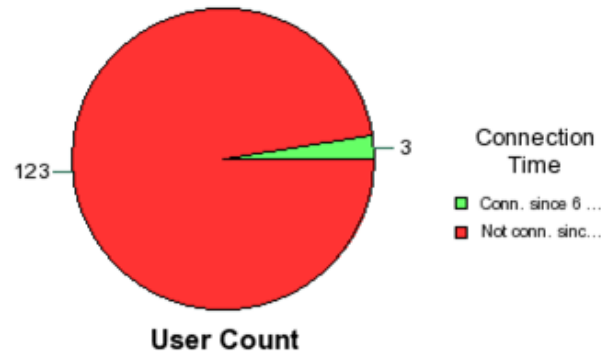
Smart view of your BO Licenses usage.

Snapshot 28, on system @Lenny:6400, at 1/24/12

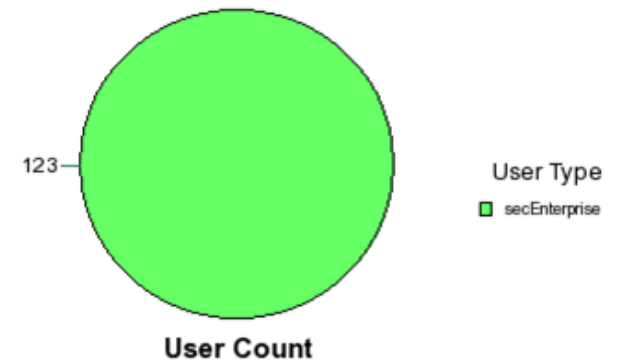
Never connected users



Not connected since 6 months



Never connected user: type



Step 3: Clean up/instances

Document Volumetry

Document & Instance volumetry per folder type

Folder Group	Document Count	Instance Count	Document Size (Mb)	Instance Size (Mb)
/Root Folder/	464	437	142.32	76.13
/User Folders/	28	0	4.06	
Sum:	492	437	146.38	76.13

Administrator@sapbi4.demo.gbs:6400
Delete Instances

Selected Objects: Documents (0)
Folders (3)

Include subfolders' instances: ☒

Instance Status: All

Delete recurring instances: No

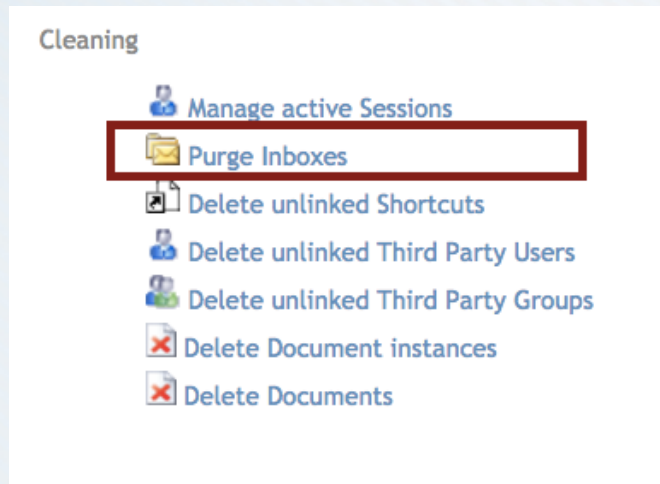
Updated between: 00:00 2015/09/26
and: 00:00 2015/10/26

<< < [Close] > >>
October 2015

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2 3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Cancel Next
Click next to check what will be deleted

Step 3: Clean up/inboxes



Delete ALL inbox documents older than days.

Based on Last Modification Date

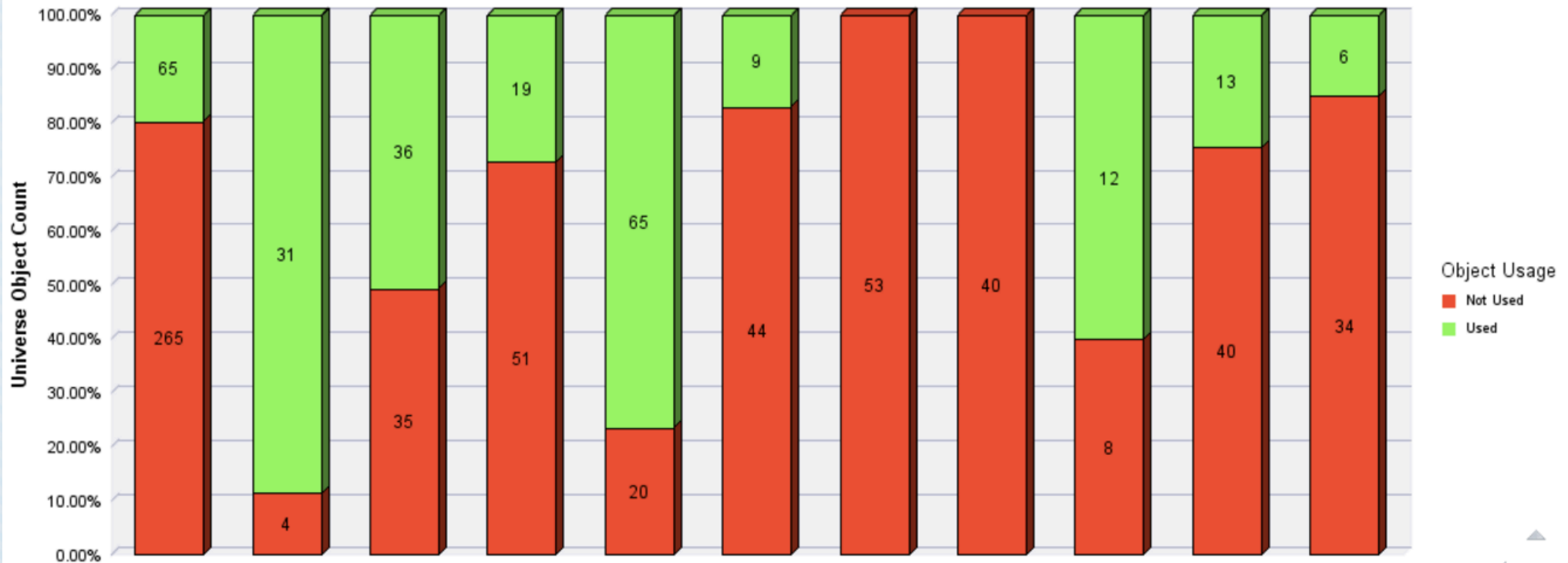
Cancel

Delete

Step 4: Optimize/universes

Universe dashboard

Universe dashboard: object usage



Step 4: Optimize/deskis

Document : /Root Folder/Search Program/360eyes CMS - 19 Compare Universe Security

Dataprovider Name	Result Class	Result Name	Used ?
CMS_1 on 360eyes_CMS	Eye Security Univers	Universe Principal	1
CMS_1 on 360eyes_CMS	Eye Security Univers	Universe Role	1
CMS_1 on 360eyes_CMS	Eye Snapshot	Snapshot Cms	1
CMS_1 on 360eyes_CMS	Eye Snapshot	Snapshot Date	1
CMS_1 on 360eyes_CMS	Eye Universe	Universe Id	0
CMS_1 on 360eyes_CMS	Eye Universe	Universe Name	2
CMS_2 on 360eyes_CMS	Eye Security Univers	Universe Principal	1
CMS_2 on 360eyes_CMS	Eye Security Univers	Universe Role	1
CMS_2 on 360eyes_CMS	Eye Snapshot	Snapshot Cms	1
CMS_2 on 360eyes_CMS	Eye Snapshot	Snapshot Date	1
CMS_2 on 360eyes_CMS	Eye Universe	Universe Id	0
CMS_2 on 360eyes_CMS	Eye Universe	Universe Name	1


Dataprovider Name	Condition Class	Condition Name	Operator	Operand
CMS_1 on 360eyes_CMS	Eye Snapshot	Snapshot Id	EQUAL	Choose a snapshot
CMS_1 on 360eyes_CMS	Universe Id	Universe Name	IN_LIST	Universes
CMS_2 on 360eyes_CMS	Eye Snapshot	Snapshot Id	EQUAL	Choose a snapshot
CMS_2 on 360eyes_CMS	Universe Id	Universe Name	IN_LIST	Universes

Variable Name	Variable Qualification	Variable Type	Used ?
-- Role1	MEASURE	TEXT	2
-- Role2	MEASURE	TEXT	2
-- Same security	MEASURE	NUMERIC	0

Step 4: Optimize/bulk repoint webis from unv to unx

- Import Folders
- Update Owners
- Update shortcuts' targets
- Update Webi Universes**
- Update Webi Variables
- Update XCelsius FlashVars
- Update Recurring Instances
- Update Crystals' Connections
- Add to category
- Flag Objects

Select Webi Universes to Update

Use this template to design your Excel sheet. 

No file chosen

☐ Refresh Documents before update

☐ Refresh Documents after update

Update all Webi Universes

Old Universe ID:

New Universe ID:

Folder ID(Descendant search):

Update top documents.

☐ Refresh Documents before update

☐ Refresh Documents after update

Update Webi DataProviders

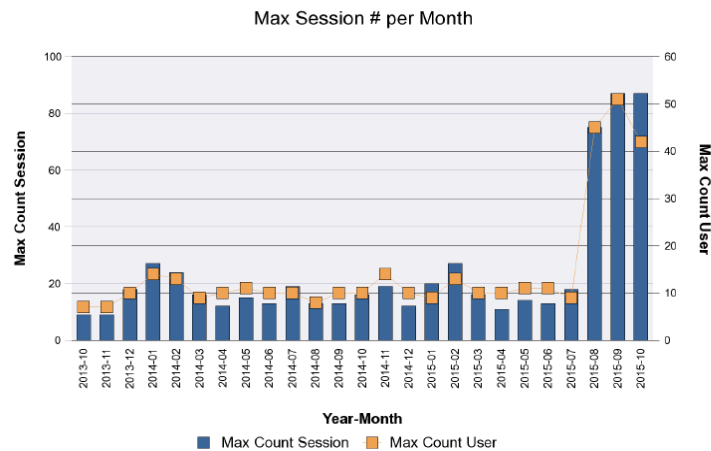
Export type: ☒ Unbound Documents ☐ Every Documents

Folder ID(Descendant search): (Leave blank for full search, this process may take time)

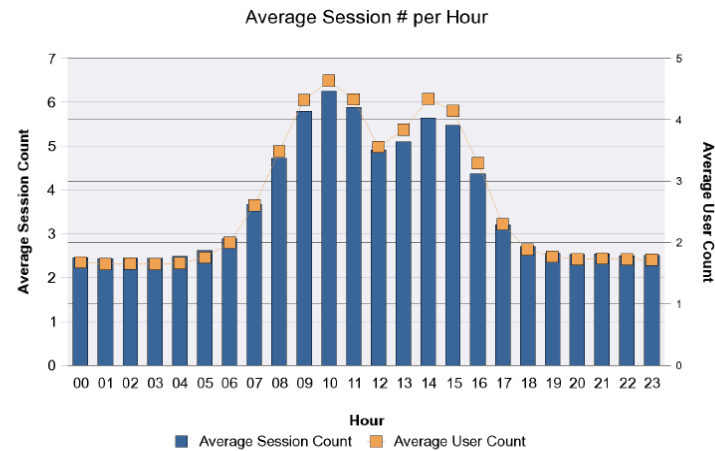
Step 5: Define license pool

Session analysis

Session Peak



3 biggest session peak		
Date	Session Count Per Hour	User Count Per Hour
9/14/15 2:00 PM	87	50
10/2/15 11:00 AM	87	42
10/2/15 12:00 PM	87	42



Max Count Session per Month

Year-Month	Max Session Count	Max User Count
2013-10	9	7
2013-11	9	7
2013-12	18	10
2014-01	27	14
2014-02	24	13
2014-03	16	9
2014-04	12	10

Step 6: Impact analysis/calculation engine change

Ex: Running Sum Calculation not reset

BEFORE 4.1 SP03

2004

State	Revenue	runningSum
California	\$1,704,211	1,704,211
Colorado	\$448,302	2,152,513
Texas	\$2,199,677	4,352,190

2005

State	Revenue	runningSum
California	\$2,782,680	2,782,680
Colorado	\$768,390	3,551,070
Texas	\$3,732,889	7,283,959



AFTER 4.1 SP03

2004

State	Sales revenue	runningSum
California	\$1,704,211	\$1,704,211
Colorado	\$448,302	\$2,152,513
Texas	\$2,199,677	\$4,352,190

2005

State	Sales revenue	runningSum
California	\$2,782,680	\$7,134,870
Colorado	\$768,390	\$7,903,260
Texas	\$3,732,889	\$11,636,149



<http://scn.sap.com/docs/DOC-39973>

Step 6: Impact analysis/query stripping

360eyes REPORT - 60 Last docur	0	-- Fixed date	Dimension	DateTime	=ToDate("01/01/1970";"dd/mm/yyyy")	0
360eyes REPORT - 60 Last docur	1	-- Action Count	Measure	Numeric	=Count([Action Eye Id])	0
360eyes REPORT - 60 Last docur	2	-- Last Action Date	Measure	DateTime	=If(IsNull(Max([Action Date]));[-- Fixed date];Max([Action Date]))	0
360eyes DASHBOARD - 04 Unive	0	Folder Group	Dimension	String	=Substr([Folder Name];1;Pos(Right([Folder Name];Length([Folder Name])-1);"/")+1)	0
360eyes DASHBOARD - 04 Unive	1	Object Qualification	Dimension	String	=If([Obj Qualification]="1";"Dimension";If([Obj Qualification]="2";"Information";If([Obj Qualification]="3";"Measure";"Filter")))	0
360eyes DASHBOARD - 04 Unive	2	Object Usage	Dimension	String	=If(IsNull([Object Name]);"Not Used";"Used")	0
360eyes DASHBOARD - 04 Unive	3	Universe Path + N	Dimension	String	=[UNIVERSE].[Universe Path]+"+[UNIVERSE].[Universe Name]	0
360eyes DASHBOARD - 04 Unive	4	Universe Object C	Measure	Numeric	=UseMerged(Count([UNIVERSE].[Object Eye Id]))	0
360eyes DASHBOARD - 03 Recy	0	Connection Status	Dimension	String	=If(IsNull([User Last Login]);"Never connected";"Already connected")	0
360eyes DASHBOARD - 03 Recy	1	Connection Time	Dimension	String	=If(IsNull([User Last Login]) Or MonthsBetween([User Last Login];[CMS].[Snapshot Date])>[-- Number of months];"Not conn. since "+[-- Number of months]+" mths";"Conn. since "+[-- Number of months]+" mths")	0
360eyes DASHBOARD - 03 Recy	2	-- Number of mont	Dimension	Numeric	=ToNumber(UserResponse([CMS];"Number of months (6 by default)"))	3
360eyes DASHBOARD - 03 Recy	3	User Disabled ?	Dimension	String	=If([User Disabled]="1";"Yes";"No")	0

<http://scn.sap.com/people/cgnodtke/blog/2014/04/17/how-to-find-the-documents-impacted-by-calculation-engine-changes>

Step 7: Compare source and target

Compare Folder Security

Compare folder security between snapshots

		Administrators	CMS1	CMS2	Everyone	GBS	Marketing	Marketing EU	Marketing
/Categories/	Snapshot 32	Advanced			Advanced				
	Snapshot 42	Advanced			Advanced				
/Root Folder/	Snapshot 32	Advanced	Full Control	Full Control	Advanced	Full Control			
	Snapshot 42	Advanced	Full Control	Full Control	Advanced	Full Control			
/Root Folder/360eyes jobs/	Snapshot 32		No Access				Schedule		
	Snapshot 42		No Access						
/Root Folder/360eyes reports	Snapshot 32		No Access				View On Demand		
	Snapshot 42		No Access						
/Root Folder/Administration	Snapshot 32			No Access			No Access		
	Snapshot 42			No Access					
/Root Folder/Auditor/	Snapshot 32			No Access			No Access		
	Snapshot 42			No Access					
/Root Folder/Feature Sample	Snapshot 32			No Access			No Access		
	Snapshot 42			No Access					
/Root Folder/HR/	Snapshot 32			No Access					
	Snapshot 42			No Access					
/Root Folder/Marketing/	Snapshot 32			No Access			Full Control		

Step 7: Compare source and target

Compare universes

Compare universes between snapshots

Universe: /eFashion

Summary

Difference	Obj Id	Class Full Name	Obj Name	Obj Description	Qualification	Obj Select	Obj Where	Obj Tables
CREATED	218	Store	Stateyver	State located.	Filter	@aggregate_aware(Agg_yr_qt_mn_st_ln_ca_srYr,		
CREATED	511	Store	Zip Code2	Zip code	Filter	Outlet_Lookup.Zip_code		
DELETED	218	#MULTIVALUE	Statematrix	State located.	Dim.	@aggregate_aware(Agg_yr_qt_mn_st_ln_ca_srYr,		
DELETED	378	#MULTIVALUE	Address	Address of store	Info.	Outlet_Lookup.Address_1		
MODIFIED	188	Time period	Year	Year 1999 - 2001.	Dim.	@aggregate_aware(Agg_yr_qt_mn_st_ln_ca_srYr,		

MODIFIED Objects before

Difference	Obj Id	Class Full Name	Obj Name	Obj Description	Qualification	Obj Select	Obj Where	Obj Tables
MODIFIED	188	Time period	Year	Year 1999 - 2001.	1	@aggregate_aware(Agg_yr_qt_mn_st_ln_ca_srYr, Agg_yr_qt_mt_mn_wk_rg_cy_sn_s Calendar_year_lookup.Yr)		

MODIFIED Objects after

Difference	Obj Id	Class Full Name	Obj Name	Obj Description	Qualification	Obj Select	Obj Where	Obj Tables
MODIFIED	188	Time period	Year	Year 1999 - 2001.	1	@aggregate_aware(Agg_year_qt_mn_st_ln_ca_srYr, Agg_yr_qt_mt_mn_wk_rg_cy_sn_s Calendar_year_lookup.Yr)		

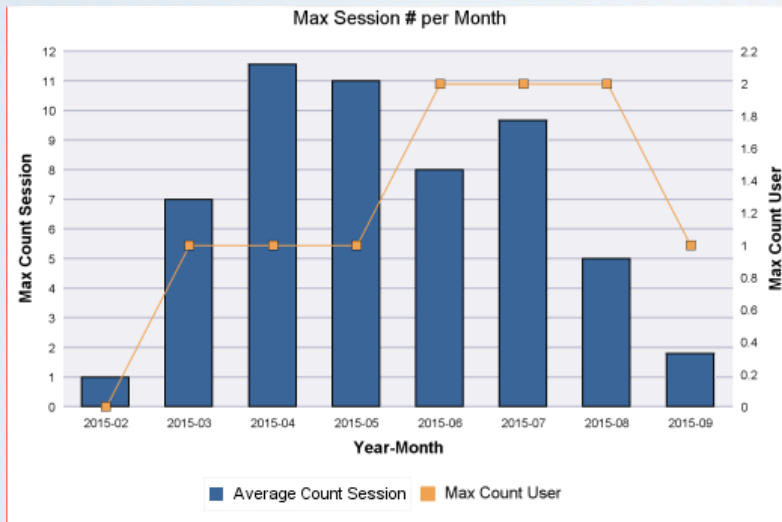
Step 8: Qualify (most important)/data

	Count	Count	Size (Mb)	Size (Mb)
Administrator/	1	0	0	0.11
iobind/360bind_01/	1	1	1	0.05
iobind/360bind_02/	1	1	1	0.07
iocast/	1	0	0	0.04
ioeyes jobs/	7	64	18.36	
ioeyes reports/	1	0	0	0.07
ioeyes reports/00 Dashboards/	4	0	0	0.27
ioeyes reports/01 CMS/0 - End User Reports/	4	0	0	0.15
ioeyes reports/01 CMS/1 - Technical Reports/	9	0	0	0.38
	2	0	0	0.18
ioeyes reports/02 Report/Comparison/	2	0	0	0.09
ioeyes reports/02 Report/Documentation/	4	0	0	0.26
ioeyes reports/02 Report/Impact Analysis/	4	0	0	0.34
ioeyes reports/02 Report/User activity/	4	0	0	0.15
ioeyes reports/03 Universe/	4	0	0	0.23
ioeyes reports/04 Compliance/	6	0	0	0.2
ioeyes reports (specifics)/	5	0	0	0.43
ioeyes reports/Training/	9	0	0	0.98

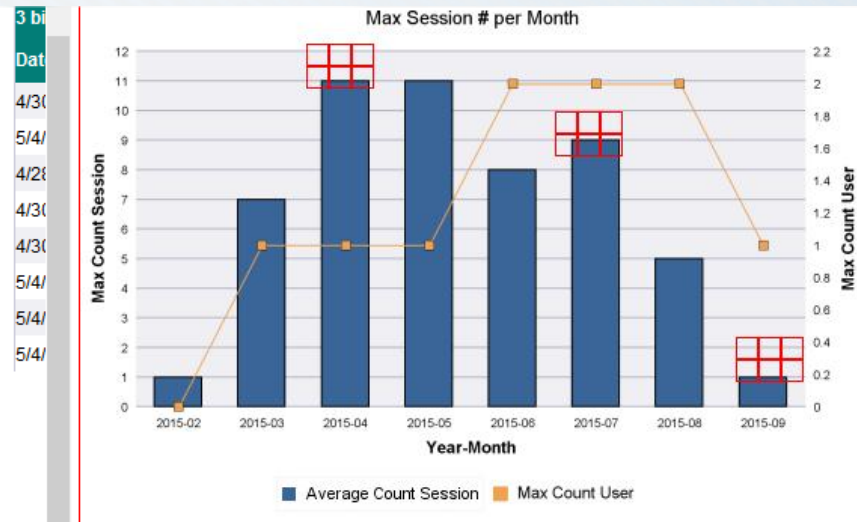
	Count	Count	Size (Mb)	Size (Mb)
Administrator/	1	0	0	0.11
iobind/360bind_01/	1	1	1	0.05
iobind/360bind_02/	1	1	1	0.07
iocast/	1	0	0	0.04
ioeyes jobs/	7	72	18.39	
ioeyes reports/	1	0	0	0.07
ioeyes reports/00 Dashboards/	4	0	0	0.27
ioeyes reports/01 CMS/0 - End User Reports/	4	0	0	0.15
ioeyes reports/01 CMS/1 - Technical Reports/	9	0	0	0.38
	2	0	0	0.19
ioeyes reports/02 Report/Comparison/	2	0	0	0.09
ioeyes reports/02 Report/Documentation/	4	0	0	0.26
ioeyes reports/02 Report/Impact Analysis/	4	0	0	0.34
ioeyes reports/02 Report/User activity/	4	0	0	0.15
ioeyes reports/03 Universe/	4	0	0	0.23
ioeyes reports/04 Compliance/	6	0	0	0.2
ioeyes reports (specifics)/	5	0	0	0.43
ioeyes reports/Training/	9	0	0	0.98

http://www.gbandsmith.com/mitigate_sap_bo_conformity_risks_whitepaper

Step 8: Qualify (most important)/pixel



Max Count Session per Month		
Year-Month	Average Session Count	Max User Count
2015-02	1.0	0
2015-03	7.0	1
2015-04	11.5	1
2015-05	11.0	1
2015-06	8.0	2
2015-07	9.6	2
2015-08	5.0	2
2015-09	1.9	1



Max Count Session per Month		
Year-Month	Average Session Count	Max User Count
2015-02	1	0
2015-03	7	1
2015-04	11	1
2015-05	11	1
2015-06	8	2
2015-07	9	2
2015-08	5	2
2015-09	1	1

Step 9: Promotion/drag&drop

Universe Folders and Universes Management

Manage All Universes

12 items - Search

Universes (4)

- 360eyes universes (5)
- bcge (0)
- dev (1)
- HR (2)
- level1 (1)
- LNA Customer Profitability (1)
- Migration (0)
- repo6 (5)
- Report Conversion Tool Universes (1)
- Repository (1)
- Sales (0)
- webi universes (1)

1

Administrator
Lenny:6400

QUICK ACCESS

SHORTCUTS

Hide all: [icon]

Selection: [icon] [icon]

Tools: [icon] [icon] [icon] [icon]

Flag Objects

Connections (25)

Restrictions

Universe Folders and Universes Management

Manage All Universes

Universes (7)

HR

8 items - Search

1

Administrator
BOR3:6400

QUICK ACCESS

Promote: **HR @ Lenny:6400**

To: **Universe Root Folder @ BOR3:6400**

☒ Import folder

☐ Import folder and subfolders

☒ Import contents

☐ Do not import contents

☒ Include security?

☒ Keep destination connection link in case of overwrite?

Cancel Import

Step 9: Promotion/schedule flagged content

Source type: CMS ▾

CMS Source: BOR4:6400

User Name: Administrator

Password: ●●●●●●

Authentication: Enterprise ▾

Source elements

- Users (0)
- User Groups (0)
- Documents (0)
- Folders (0)
- Universes (0)
- Universe Folders (0)
- Connections (0)
- Connection Folders (0)
- QaaWS (0)
- QaaWS Folders (0)
- Custom Access Levels (0)

Destination type: CMS ▾

CMS Destination: BOVT

User Name: Administrator

Password: ●●●●●●

Authentication: Enterprise ▾

Destination elements

- User Groups (0)
- Folders (0)
- Universe Folders (0)

Migrate with Flag: ☒

Migration Flag: #PromoteFromDevToUat

Keep destination connection link in case of universe overwrite: ☐

Frequency ▾ Now ▾

Frequency Calendar ☐

External ☒

Step 10: Secure BusinessObjects/setup

Security Management on: Folders - (Administrator@Lenny:6400)

The screenshot shows the Security Management console with two main panes. The left pane lists users and groups, and the right pane lists folders. Each item has a checkbox for permissions.

User/Group	Permissions	Folder	Permissions
admin local	<input type="checkbox"/>	Root Folder	<input checked="" type="checkbox"/>
Administrators	<input type="checkbox"/>	360eyes	<input type="checkbox"/>
delegate admin	<input type="checkbox"/>	360eyes jobs	<input type="checkbox"/>
Everyone	<input type="checkbox"/>	360eyes reports	<input type="checkbox"/>
Finance	<input type="checkbox"/>	360eyes reports (specifics)	<input type="checkbox"/>
gp1	<input type="checkbox"/>	Administration Tools	<input type="checkbox"/>
local admin	<input type="checkbox"/>	Auditor	<input type="checkbox"/>
Marketing group	<input checked="" type="checkbox"/>	Feature Samples	<input type="checkbox"/>
Marketing EUR group	<input checked="" type="checkbox"/>	FINANCES	<input type="checkbox"/>
marketing US group	<input checked="" type="checkbox"/>	HR	<input type="checkbox"/>
marketing NYC group	<input checked="" type="checkbox"/>	Marketing	<input checked="" type="checkbox"/>
QaaWS Group Designer	<input type="checkbox"/>	EUR	<input checked="" type="checkbox"/>
Report Conversion Tool Users	<input type="checkbox"/>	US	<input checked="" type="checkbox"/>
Traducteurs	<input type="checkbox"/>	Recycle bin	<input type="checkbox"/>
Universe Designer Users	<input type="checkbox"/>	Report Conversion Tool	<input type="checkbox"/>

Activate multiple select: ☐

	Marketing group	Marketing EUR group	marketing US group	marketing NYC group
Root Folder				
Marketing	View_D	View_D	View_D	View_D
EUR	View_D	View_D		
US	View_D		View_D	View_D

Step 10: Secure BusinessObjects/Excel export

Excel exports available:

- Security matrix
- User centric & Object centric

				Marketing			
					Marketing Asia	Marketing Europe	Marketing USA
Root Folder	Root Folder						
Root Folder > Marketing	Root Folder	Marketing		power user	(power user)	(power user)	(power user)
Root Folder > Marketing > Marketing Asia	Root Folder	Marketing	Marketing Asia	(power user)	(power user)	NA	NA
Root Folder > Marketing > Marketing Europe	Root Folder	Marketing	Marketing Europe	(power user)	NA	(power user)	NA
Root Folder > Marketing > Marketing USA	Root Folder	Marketing	Marketing USA	(power user)	NA	NA	(power user)

Step 10: Secure BOBJ/SOX, HIPAA, FISMA ...

Right details

Right selected: View objects

		230 5th	37e	a_103	a_103_Leitung
/Root Folder/360eyes/	snapshot				
/Root Folder/360eyes jobs/	360eyes_CMS				
/Root Folder/360eyes jobs/	360eyes_COMPLIANCE				
/Root Folder/360eyes jobs/	360eyes_CRYSTAL				
/Root Folder/360eyes jobs/	360eyes_DESKI				
/Root Folder/360eyes jobs/	360eyes_DESKI_INFOVIEW				
/Root Folder/360eyes jobs/	360eyes_REMOVE_SNAPSHOT				
/Root Folder/360eyes jobs/	360eyes_UNIVERSE				
/Root Folder/360eyes jobs/	360eyes_WEBI				
/Root Folder/360eyes reports/	360eyes - 00 Snapshot Summary	G			
/Root Folder/360eyes reports/00 Dashboards/	360eyes DASHBOARD - 01 CMS	G			
/Root Folder/360eyes reports/00 Dashboards/	360eyes DASHBOARD - 02 CMS through time	G			
/Root Folder/360eyes reports/00 Dashboards/	360eyes DASHBOARD - 03 Recycle Licenses	G			
/Root Folder/360eyes reports/00 Dashboards/	360eyes DASHBOARD - 04 Universes	G			
/Root Folder/360eyes reports/01 CMS/0 - End User	360eyes CMS - 05 Overloads summary	G			
/Root Folder/360eyes reports/01 CMS/0 - End User	360eyes CMS - 06 Connections detail	G			

Step 10: Secure BusinessObjects/follow evolution

Compare Folder Security

Compare folder security between snapshots

		Administrators	CMS1	CMS2	Everyone	GBS	Marketing	Marketing EU	Marketing
/Categories/	Snapshot 32	Advanced			Advanced				
	Snapshot 42	Advanced			Advanced				
/Root Folder/	Snapshot 32	Advanced	Full Control	Full Control	Advanced	Full Control			
	Snapshot 42	Advanced	Full Control	Full Control	Advanced	Full Control			
/Root Folder/360eyes jobs/	Snapshot 32		No Access				Schedule		
	Snapshot 42		No Access						
/Root Folder/360eyes reports	Snapshot 32		No Access				View On Demand		
	Snapshot 42		No Access						
/Root Folder/Administration	Snapshot 32			No Access			No Access		
	Snapshot 42			No Access					
/Root Folder/Auditor/	Snapshot 32			No Access			No Access		
	Snapshot 42			No Access					
/Root Folder/Feature Sample	Snapshot 32			No Access			No Access		
	Snapshot 42			No Access					
/Root Folder/HR/	Snapshot 32			No Access					
	Snapshot 42			No Access					
/Root Folder/Marketing/	Snapshot 32			No Access			Full Control		

Questions?

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Administration Intelligence

http://www.gbandsmith.com/optimize_migration_to_sap_bo_bi4

<http://tinyurl.com/optimizemigration>



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