

## Upgrade from ECC 5.0 to ECC 6.0 on AIX 5.3 with Oracle(non Unicode)

### System Details:

SID: RCT  
Nr: 00  
Host: fslnsx05  
IP: 192.168.205.139  
OS: AIX 5.3  
DB: Oracle, Non Unicode

Current: ECC 5.0  
Target: ECC 6.0

51031900\_2 - Master  
51031799\_1 - 16 - Export 1  
51031800\_1 - 6 - Language CDs  
51031807 - Java CD  
51031672\_1 - 8 - RDBMS CDs  
51031792\_1 - Kernel  
51031792\_2 - Upgrade Kernel

```
Archive /tmp/CDS/51031900_2/SAP_ERP_2005_SR1_Upgrade_Master/UMN_AIX_PPC64/DBINDE
P/UA700.SAR successfully unpacked to /usr/sap/put.

Extracting archive "/tmp/CDS/51031900_2/SAP_ERP_2005_SR1_Upgrade_Master/UMN_AIX
PPC64/DBINDEP/HTDOC.SAR" to "/usr/sap/put" ...

Archive /tmp/CDS/51031900_2/SAP_ERP_2005_SR1_Upgrade_Master/UMN_AIX_PPC64/DBINDE
P/HTDOC.SAR successfully unpacked to /usr/sap/put.

You can now exit S&Pup and start S&Pup via the Upgrade Assistant.
Please read the Upgrade guide for more information.
If you choose operation mode SERVER then you need to use the
Upgrade Assistant menu 'Connect UaServer to S&Pup' to connect
to S&Pup.

Select operation mode:

    - "EXIT"
    - "SERVER"
    - "SCROLL"

Enter one of these options [EXIT] := █
```

Component	Software C	Level	Support Package
SAP_BASIS	640	0011	SAPKB64011
SAP_ABA	640	0011	SAPKA64011
ST-PI	2005_1_640	0003	SAPKITLQH3
PI_BASIS	2004_1_640	0008	SAPKIPYI68
SAP_BW	350	0011	SAPKW35011
SAP_HR	500	0007	SAPKE50007
SAP_APPL	500	0007	SAPKH50007
EA-IPPE	300	0006	SAPKGPIC06
PI	2004_1_500	0007	SAPKIPZI67
EA-APPL	500	0007	SAPKGPAC07
EA-DFPS	500	0007	SAPKGPDC07
EA-FINSERV	500	0007	SAPKGPFC07
EA-GLTRADE	500	0007	SAPKGPGC07
EA-HR	500	0007	SAPKGPHC07
EA-PS	500	0007	SAPKGPPC07
EA-RETAIL	500	0007	SAPKGPRC07
LSOFE	300	0007	SAPK-30007INLSOFE
ST-A/PI	01G_ECC500	0000	-
BIZRIGHT	300	0000	-
VIRSA	400_640	0004	SAPK-V4E04INVIRSA





Backing up the T512W table

Execute report RPU12W0S in all clients.

000 client:

---

### Save/Reload a Backup Version of Table T512W



Save Version  
 Delete Version

Version number

Generic Key (Without Client)

Description

### Save/Reload a Backup Version of Table T512W

Save/Reload a Backup Version of Table T512W

---

25,862 Entries from T512W saved in T512B

100 client:

---

### Save/Reload a Backup Version of Table T512W



Save Version  
 Delete Version

Version number

Generic Key (Without Client)

Description

## Save/Reload a Backup Version of Table T512W

Save/Reload a Backup Version of Table T512W

28,774 Entries from T512W saved in T512B

## Database Performance: Tables and Indexes

### Database system

Database ORACLE Date/time of this analysis 10/03/2006 16:37:16  
Name RCT



Refresh



Checks



Space statistics

### Tablespaces

Total number 9

Current sizes

Total size/kb 525,801,472

Total free/kb 44,525,376 8 %



Space statistics

Minimum free/kb 21,120

Max. autoextensible/kb 1,637,261,312

Freespace statistics

### Tables and indexes

Tables

Indexes

Detailed analysis

Total number 45,334 54,187

Total size/kb 295,340,480 179,195,904

Missing indexes

More than 1 extent 3,749 4,699

Missing in database 0 0

Space critical objects

Missing in R/3 DDIC 126 0

Space-critical objects 0 0



Space statistics

10/03/2006 16:39:33 RCT fs1nsx05  
Tablespace status

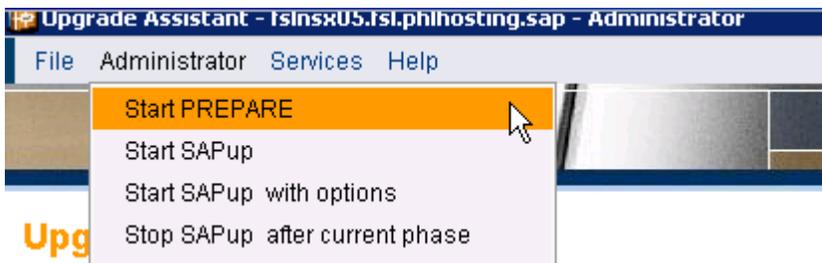
Date/time of this analysis: 10/03/2006 16:37:16

Tablespace	Size (kb)	Free (kb)	Used (%)	Tab/ind	Extents	AutoExt (kb)	Used (%)	Status
PSAPRCT	415,313,920	247,040	99	96,421	183,628	1,372,672,00	30	ONLINE
PSAPRCT64	409,600	409,536	0	0	0	10,240,000	0	ONLINE
PSAPRCT640	32,782,336	872,832	97	689	10,188	144,408,576	22	ONLINE
PSAPRCT700	36,700,160	28,644,288	21	317	2,571	0ff	21	ONLINE
PSAPRCTUSR	25,327,616	1,057,600	95	912	4,553	52,248,576	46	ONLINE
PSAPTEMP	8,192,000	8,192,000	0	0	0	0ff	0	ONLINE
PSAPUNDO	5,857,280	4,686,528	19	17	791	10,240,000	11	ONLINE
SYSAUX	512,000	394,432	22	924	1,746	0ff	22	ONLINE
SYSTEM	706,560	21,120	97	1,242	2,512	10,240,000	7	ONLINE
<b>Total</b>	<b>525,801,472</b>	<b>44,525,376</b>	<b>91</b>	<b>100,522</b>	<b>205,989</b>			

## Starting Upgrade assistant Server

```
/usr/java14/jre/bin/java -cp /usr/sap/put/ua/ua.jar UaServer
```

```
fs1nsx05:rctadm 2> /usr/java14/jre/bin/java -cp /usr/sap/put/ua/ua.jar UaServer
UaServer> Stable storage file '/usr/sap/put/ua/UaState' read
UaServer> Temporary directory is '/usr/sap/put/ua'
UaServer> Property file '/usr/sap/put/ua/UaServer.properties' read
UaServer> Configuring HTTP server
UaServer> Using HTTP index file name: index.html
UaServer> Starting HTTP server
UaServer> HTTP server started
UaServer> Ready
```



Password: abc123

Please enter up to 24 mount points for CDs.  
Enter at least the mount point for the CD titled "Upgrade Master CD/DVD"

MOUNT POINT 01 = /tmp/CDS/51031900\_2  
MOUNT POINT 02 =  
MOUNT POINT 03 =

There are either some mount points which can't be accessed or the currently mounted set of Data Carriers does not satisfy a mount request.

Do you want to correct mount points?

yes  
 no



Give path till the folder inside

Welcome to the SAP upgrade control program.

Important information for this upgrade is included in the upgrade Note and further Notes mentioned therein. Refer to the upgrade manual for the number of this note.

It is advisable to obtain this Note before starting any process since it also contains important information about preparing the upgrade.

It is essential that you get a current version of this Note before starting the upgrade with SAPup. It contains a keyword which is necessary to start the upgrade procedure.

Please look into the SAP Service Marketplace or, if not available, use the form in your packet to request the upgrade Note.

Continue  
 Cancel

SAP UPGRADE CONTROL PROGRAM

=====

This is SAPup version 7.00/2 upgrade to release

600 of EA-APPL  
600 of EA-DFPS  
600 of EA-FINSERV  
600 of EA-GLTRADE  
600 of EA-HR  
400 of EA-IPPE  
600 of EA-PS  
600 of EA-RETAIL  
600 of ECC-DIMP  
600 of ERECRUIT  
600 of FI-CA  
600 of FI-CAX  
600 of FINBASIS  
600 of INSURANCE  
600 of IS-CWM  
600 of IS-H  
600 of IS-M  
600 of IS-OIL  
600 of IS-PS-CA  
600 of IS-UT  
600 of LSOFE  
2005\_1\_700 of PI\_BASIS  
700 of SAP\_ABA  
700 of SAP\_AP  
600 of SAP\_APPL  
700 of SAP\_BW  
600 of SAP\_HR  
600 of SEM-BW  
2005\_1\_700 of ST-PI

Target SAP system is RCT, ORACLE database  
SAPup started in PREPARE mode.

- Continue  
 Cancel

The following options are available:

select: Display screen for selecting PREPARE modules  
status: Display the statuses of the PREPARE modules  
exit: Exit PREPARE  
help: Getting help about PREPARE

- select  
 status  
 exit

## Upgrade Assistant



Selection	Name	Status	Mandatory
<input checked="" type="checkbox"/>	Parameter input	initial	yes
<input checked="" type="checkbox"/>	Initialization	initial	yes
<input checked="" type="checkbox"/>	Import	initial	yes
<input checked="" type="checkbox"/>	Extension	initial	yes
<input checked="" type="checkbox"/>	Integration	initial	yes
<input checked="" type="checkbox"/>	Installation	initial	yes
<input checked="" type="checkbox"/>	General checks	initial	yes
<input checked="" type="checkbox"/>	Activation checks	initial	yes
<input checked="" type="checkbox"/>	Necessary checks for conversions...	initial	yes
<input checked="" type="checkbox"/>	Optional checks for conversions	initial	no
<input checked="" type="checkbox"/>	Modification support	initial	no
<input checked="" type="checkbox"/>	Pre-processing	initial	no

You selected the following PREPARE modules:

Parameter input  
Initialization  
Import  
Extension  
Integration  
Installation  
General checks  
Activation checks  
Necessary checks for conversions  
Optional checks for conversions  
Modification support  
Pre-processing

execute: Execute the selected PREPARE modules.  
Make sure that you have carried out the actions described in  
/usr/sap/put/log/CHECKS.LOG before continuing.  
(Note: The contents of file CHECKS.LOG are saved  
in /usr/sap/put/log/CHECKS.SAV)

select: Display screen for selecting PREPARE modules.  
exit: Exit PREPARE.  
help: Getting help about PREPARE modules.

- execute
- select
- exit

### Upgrade Correction Package

The upgrade correction package FIX\_ERP2005SR1.UPG for this upgrade could not be found in directory /usr/sap/put

Please check note 813658 on SAPNet for more details.

retry  
 exit

### Main note:

**SAP** [Note 913971 - Add. info. on upgrading to SAP ERP Central Component 6.0 SR1](#)  
Note Language: English  Version: 13 Validity: valid since 15.09.2006  
[Print Layout](#) [Download Corrections](#) [Compare Versions](#) [SSCR](#) [Go to SAP Note: 913971](#) [Display](#)  
Content: [Summary](#) | [Header Data](#) | [Releases](#) | [Related Notes](#) | [Action Log](#)

Enter the SAPup keyword of note 913971

SAPup keyword =

Please enter up to 24 mount points for DVDs.  
Enter at least the mount point for the DVD titled "SAP Kernel DVD"

MOUNT POINT 01 =

MOUNT POINT 02 =

Supply the following information:

Confirm the name of your SAP system:

SAP SYSTEM ID =

The hostname of your central SAP server:

SAP SYSTEM HOST =

Enter the SAP instance number:

INSTANCE NUMBER =

The path to the SAP kernel:

KERNEL PATH =

The system identifier of your database:

DATABASE ID =

The hostname of your database server:

DATABASE HOST =

Enter the following passwords:

The password for ORACLE user "SYSTEM":  
(may be MANAGER)

SYSTEM PASSWORD =

Verification of the password for ORACLE user "SYS"

SYSTEM PASSWORD =

## Brguest2

Supply the following information:

The password for SAP user DDIC in client 000  
(may be 19920706):

DDIC PASSWORD =

Verify password for SAP user DDIC:

DDIC PASSWORD =

The hostname of your batch server:

BATCH HOST =

Supply the following information:

The maximum number of parallel processes during uptime:

MAXIMUM UPTIME PROCESSES =

The number of parallel import processes:

R3TRANS PROCESSES =

The maximum profile value of "bufreftime":

MAXIMUM SYNC TIME =

The path to the EPS root directory:  
(EPS inbox is in <EPS\_ROOT>/in)

EPS ROOT =

Enter the path to the SAP start procedure [/usr/sap/RCT/SYS/exe/run]:

STARTSAP PATH =

Is there more than one system running in this database?  
(MCOB: Multiple components in one database)

no  
 yes



The SAP Solution Manager Key is required for the upgrade.  
Further informations can be found in the upgrade guide,  
the SAP Service Marketplace and SAP note 805390!

Continue  
 Cancel

SAP Solution Manager Key =

```
'Modification support'  
  depends on 'Integration' status: initial  
    indirectly depends on 'Extension' status: initial  
      indirectly depends on 'Import' status: initial  
        indirectly depends on 'Initialization' status: initial  
          indirectly depends on 'Parameter input' status: failed  
  
'Pre-processing'  
  depends on 'Integration' status: initial  
    indirectly depends on 'Extension' status: initial  
      indirectly depends on 'Import' status: initial  
        indirectly depends on 'Initialization' status: initial  
          indirectly depends on 'Parameter input' status: failed
```

Please see file /usr/sap/put/log/CHECKS.LOG  
for the actions which have to be performed.

- Continue  
 Cancel

### New TP and R3trans placed in put/exe

The following options are available:  
select: Display screen for selecting PREPARE modules  
status: Display the statuses of the PREPARE modules  
exit: Exit PREPARE  
help: Getting help about PREPARE

- select  
 status  
 exit

You selected the following PREPARE modules:

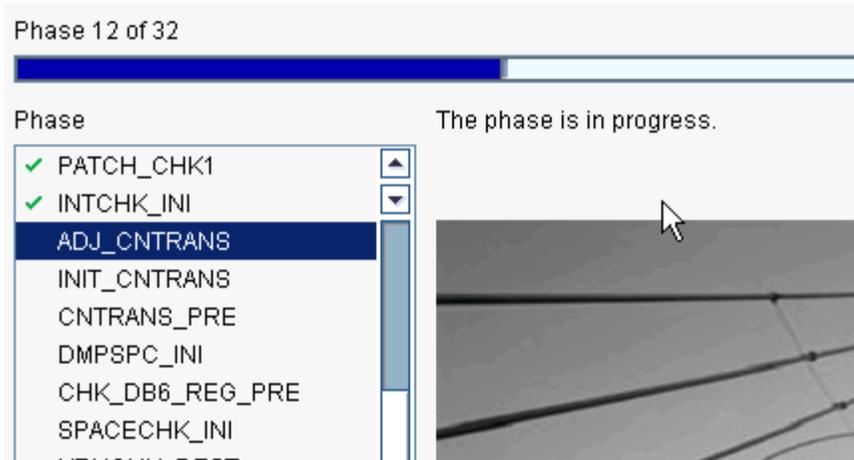
#### Parameter input

execute: Execute the selected PREPARE modules.  
Make sure that you have carried out the actions described in  
/usr/sap/put/log/CHECKS.LOG before continuing.  
(Note: The contents of file CHECKS.LOG are saved  
in /usr/sap/put/log/CHECKS.SAV)  
select: Display screen for selecting PREPARE modules.  
exit: Exit PREPARE.  
help: Getting help about PREPARE modules.

- execute  
 select  
 exit  
 display CHECKS.LOG



Current phase : ADJ\_CNTRANS



The PREPARE module Import will be started now.

During this module programs, structures, and table entries required by PREPARE are imported (the so-called "tool import").

Note: This can cause a loss of performance in R/3

In rare cases, a concurrent transport via the transport directory may disturb the tool import. Please avoid any concurrent import during this PREPARE module.

- Continue  
 Cancel

The requested Data Carrier is not mounted on any of the mount points you entered.

Please enter up to 24 mount points for DVDs.  
Enter at least the mount point for the DVD titled "Upgrade Export DVD (1/3)"

MOUNT POINT 01 =

MOUNT POINT 02 =

MOUNT POINT 03 =

MOUNT POINT 04 =

MOUNT POINT 05 =

MOUNT POINT 06 =

The requested Data Carrier is not mounted on any of the mount points you entered.

Please enter up to 24 mount points for DVDs.  
Enter at least the mount point for the DVD titled "Upgrade Export DVD (1/3)"

MOUNT POINT 07 = /tmp/CDS/51031799\_4/DVD\_SAP\_ERP\_2005\_SR1\_Upgrade\_Export

MOUNT POINT 08 = /tmp/CDS/51031799\_5/DVD\_SAP\_ERP\_2005\_SR1\_Upgrade\_Export

MOUNT POINT 09 = /tmp/CDS/51031799\_6/DVD\_SAP\_ERP\_2005\_SR1\_Upgrade\_Export

MOUNT POINT 10 = /tmp/CDS/51031799\_7/DVD\_SAP\_ERP\_2005\_SR1\_Upgrade\_Export

MOUNT POINT 11 = /tmp/CDS/51031799\_8/DVD\_SAP\_ERP\_2005\_SR1\_Upgrade\_Export

MOUNT POINT 12 = /tmp/CDS/51031799\_9/DVD\_SAP\_ERP\_2005\_SR1\_Upgrade\_Export

The requested Data Carrier is not mounted on any of the mount points you entered.

Please enter up to 24 mount points for DVDs.  
Enter at least the mount point for the DVD titled "Upgrade Export DVD (1/3)"

MOUNT POINT 13 = /tmp/CDS/51031799\_10/DVD\_SAP\_ERP\_2005\_SR1\_Upgrade\_Export

MOUNT POINT 14 = /tmp/CDS/51031799\_11/DVD\_SAP\_ERP\_2005\_SR1\_Upgrade\_Export

MOUNT POINT 15 = /tmp/CDS/51031799\_12/DVD\_SAP\_ERP\_2005\_SR1\_Upgrade\_Export

MOUNT POINT 16 = /tmp/CDS/51031799\_13/DVD\_SAP\_ERP\_2005\_SR1\_Upgrade\_Export

MOUNT POINT 17 = /tmp/CDS/51031799\_14/DVD\_SAP\_ERP\_2005\_SR1\_Upgrade\_Export

MOUNT POINT 18 = /tmp/CDS/51031799\_15/DVD\_SAP\_ERP\_2005\_SR1\_Upgrade\_Export

The following mount point(s) can't be accessed:  
/tmp/CDS/51031799\_13/DVD\_SAP\_ERP\_2005\_SR1\_Upgrade\_Export  
/tmp/CDS/51031799\_14/DVD\_SAP\_ERP\_2005\_SR1\_Upgrade\_Export  
/tmp/CDS/51031799\_15/DVD\_SAP\_ERP\_2005\_SR1\_Upgrade\_Export  
/tmp/CDS/51031799\_16/DVD\_SAP\_ERP\_2005\_SR1\_Upgrade\_Export

Please enter up to 24 mount points for DVDs.  
Enter at least the mount point for the DVD titled "Upgrade Export DVD (1/3)"

MOUNT POINT 13 =	/tmp/CDS/51031799_13/SAP_ERP_2005_SR1_Upgrade_Export
MOUNT POINT 14 =	/tmp/CDS/51031799_14/SAP_ERP_2005_SR1_Upgrade_Export
MOUNT POINT 15 =	/tmp/CDS/51031799_15/SAP_ERP_2005_SR1_Upgrade_Export
MOUNT POINT 16 =	/tmp/CDS/51031799_16/SAP_ERP_2005_SR1_Upgrade_Export
MOUNT POINT 17 =	
MOUNT POINT 18 =	

Current phase : ALTER\_TO

Phase 20 of 53

Phase

The phase is in progress.

- ✓ READDATA
- ✓ READDATA\_EXT
- ✓ TOOLFIX\_CHK
- ✓ CPYFIL0\_CBU
- ✓ EXEC\_CPYFIL1\_CBU
- ✓ FRP\_CHK
- ✓ UNICODELIB\_CHK1
- ✓ CNV\_CHK\_IMP
- ✓ ICNVCHK\_IMP
- ✓ SCRIPT\_CHK\_TOOL3
- ✓ SCRIPT\_CHK\_TOOL4
- ✓ SCRIPT2\_TST\_RESTART
- ✓ TRBATCH\_CHK\_IMP
- ✓ CLNT\_CHK\_IMP
- ✓ INTCHK\_IMP
- ✓ SPACECHK\_IMP
- ✓ PATCH\_CHK2
- ✓ NTHISTCRE
- ALTER\_TO**
- TOOLIMP01



Current phase : TOOLIMPI

Phase 26 of 53

Phase The phase is in progress.

- ✓ ICNVCHK\_IMP
- ✓ SCRIPT\_CHK\_TOOL3
- ✓ SCRIPT\_CHK\_TOOL4
- ✓ SCRIPT2\_TST\_RESTART
- ✓ TRBATCHK\_IMP
- ✓ CLNT\_CHK\_IMP
- ✓ INTCHK\_IMP
- ✓ SPACECHK\_IMP
- ✓ PATCH\_CHK2
- ✓ NTHISTCRE
- ✓ ALTER\_TO
- ✓ TOOLIMPD1
- ✓ TOOLIMPD2
- ✓ TOOLIMPD3
- ✓ TOOLIMPD4
- ✓ MVNTAB\_TOOL
- TOOLIMPI**
- TOOLIMPM
- TOOLIMP4\_FIX
- TOOLIMP6\_FIX



As per customer message 562435 2004 – HE Lang CD problem

Hebrew language Check note 756291, 18601 topic 3

## Upgrade Assistant

Please enter up to 24 mount points for DVDs.  
Enter at least the mount point for the DVD titled "Languages DVD"

MOUNT POINT 19 =

MOUNT POINT 20 =

MOUNT POINT 21 =

MOUNT POINT 22 =

MOUNT POINT 23 =

MOUNT POINT 24 =

Upgrade Assistant - fslnsx05.fsl.phlhosting.sap - Administrator

File Administrator Services Help

## Upgrade Assistant

Selection	Name	Status	Mandatory
<input type="checkbox"/>	Parameter input	succeeded	yes
<input type="checkbox"/>	Initialization	succeeded	yes
<input type="checkbox"/>	Import	succeeded	yes
<input checked="" type="checkbox"/>	Extension	anceled	yes
<input checked="" type="checkbox"/>	Integration	initial	yes
<input checked="" type="checkbox"/>	Installation	initial	yes
<input checked="" type="checkbox"/>	General checks	initial	yes
<input checked="" type="checkbox"/>	Activation checks	initial	yes
<input checked="" type="checkbox"/>	Necessary checks for convers...	initial	yes
<input type="checkbox"/>	Optional checks for conversions	initial	no
<input type="checkbox"/>	Modification support	initial	no
<input type="checkbox"/>	Pre-processing	initial	no

## Upgrade Assistant

You selected the following PREPARE modules:

Extension  
Integration  
Installation  
General checks  
Activation checks  
Necessary checks for conversions

execute: Execute the selected PREPARE modules.  
Make sure that you have carried out the actions described in  
/usr/sap/put/log/CHECKS.LOG before continuing.  
(Note: The contents of file CHECKS.LOG are saved  
in /usr/sap/put/log/CHECKS.SAV)  
select: Display screen for selecting PREPARE modules.  
exit: Exit PREPARE.  
help: Getting help about PREPARE modules.

- execute
- select
- exit

## Upgrade Assistant

Please enter up to 24 mount points for DVDs.  
Enter at least the mount point for the DVD titled "Languages DVD"

MOUNT POINT 13 = /tmp/CDS/51031799\_13/SAP\_ERP\_2005\_SR1\_Upgrade\_Export

MOUNT POINT 14 = /tmp/CDS/51031799\_14/SAP\_ERP\_2005\_SR1\_Upgrade\_Export

MOUNT POINT 15 = /tmp/CDS/51031799\_15/SAP\_ERP\_2005\_SR1\_Upgrade\_Export

MOUNT POINT 16 = /tmp/CDS/51031799\_16/SAP\_ERP\_2005\_SR1\_Upgrade\_Export

MOUNT POINT 17 = /tmp/CDS/51031800\_1/DVD\_SAP\_ERP\_2005\_SR1\_Languages

MOUNT POINT 18 = /var/lang/51031800\_2/DVD\_SAP\_ERP\_2005\_SR1\_Languages

## Upgrade Assistant

Please enter up to 24 mount points for DVDs.  
Enter at least the mount point for the DVD titled "Languages DVD"

MOUNT POINT 19 =	<input type="text" value="/tmp/CDS/51031800_3/DVD_SAP_ERP_2005_SR1_Languages"/>
MOUNT POINT 20 =	<input type="text" value="/tmp/lang/51031800_4/SAP_ERP_2005_SR1_Languages"/>
MOUNT POINT 21 =	<input type="text" value="/var/lang/51031800_5/DVD_SAP_ERP_2005_SR1_Languages"/>
MOUNT POINT 22 =	<input type="text" value="/var/lang/51031800_6/DVD_SAP_ERP_2005_SR1_Languages"/>
MOUNT POINT 23 =	<input type="text"/>
MOUNT POINT 24 =	<input type="text"/>

## Upgrade Assistant

Current phase : LANG\_SELECT

```
> MOUNT POINT 10 = /tmp/CDS/51031799_10/DVD_SAP_ERP_2005_SR1_Upgrade_Export
> MOUNT POINT 11 = /tmp/CDS/51031799_11/DVD_SAP_ERP_2005_SR1_Upgrade_Export
> MOUNT POINT 15 = /tmp/CDS/51031799_15/SAP_ERP_2005_SR1_Upgrade_Export
> MOUNT POINT 04 = /tmp/CDS/51031799_4/DVD_SAP_ERP_2005_SR1_Upgrade_Export
> MOUNT POINT 13 = /tmp/CDS/51031799_13/SAP_ERP_2005_SR1_Upgrade_Export
> MOUNT POINT 12 = /tmp/CDS/51031799_12/DVD_SAP_ERP_2005_SR1_Upgrade_Export
> MOUNT POINT 22 = /var/lang/51031800_6/DVD_SAP_ERP_2005_SR1_Languages
> MOUNT POINT 19 = /tmp/CDS/51031800_3/DVD_SAP_ERP_2005_SR1_Languages
> MOUNT POINT 01 = /tmp/CDS/51031799_1/DVD_SAP_ERP_2005_SR1_Upgrade_Export
> MOUNT POINT 03 = /tmp/CDS/51031799_3/DVD_SAP_ERP_2005_SR1_Upgrade_Export
> MOUNT POINT 23 =
> MOUNT POINT 05 = /tmp/CDS/51031799_5/DVD_SAP_ERP_2005_SR1_Upgrade_Export
working on /tmp/CDS/51031800_1/DVD_SAP_ERP_2005_SR1_Languages/LANG1 ...
working on /var/lang/51031800_2/DVD_SAP_ERP_2005_SR1_Languages/LANG2 ...
working on /tmp/CDS/51031800_3/DVD_SAP_ERP_2005_SR1_Languages/LANG3 ...
working on /tmp/lang/51031800_4/SAP_ERP_2005_SR1_Languages/LANG4 ...
working on /var/lang/51031800_5/DVD_SAP_ERP_2005_SR1_Languages/LANG5 ...
working on /var/lang/51031800_6/DVD_SAP_ERP_2005_SR1_Languages/LANG6 ...
```

## Upgrade Assistant

The following language(s) could not be updated yet:

- Malaysian for component EA-APPL
- Malaysian for component EA-DFPS
- Malaysian for component EA-FINSERV
- Malaysian for component EA-GLTRADE
- Malaysian for component EA-HR
- Malaysian for component EA-IPPE
- Malaysian for component EA-PS
- Malaysian for component EA-RETAIL
- Malaysian for component ECC-DIMP
- Malaysian for component ERECRUIT
- Malaysian for component FI-CA
- Malaysian for component FI-CAX
- Malaysian for component FINBASIS
- Malaysian for component INSURANCE
- Malaysian for component IS-CWM
- Malaysian for component IS-H
- Malaysian for component IS-M
- Malaysian for component IS-OIL
- Malaysian for component IS-PS-CA
- Malaysian for component IS-UT
  
- Malaysian for component LSOFE
- Malaysian for component PI\_BASIS
- Malaysian for component SAP\_ABA
- Malaysian for component SAP\_AP
- Malaysian for component SAP\_APPL
- Malaysian for component SAP\_BASIS
- Malaysian for component SAP\_BW
- Malaysian for component SAP\_HR
- Malaysian for component SEM-BW
- Malaysian for component ST-PI
  
- Hebrew for component EA-APPL
- Hebrew for component EA-DFPS
- Hebrew for component EA-FINSERV
- Hebrew for component EA-GLTRADE
- Hebrew for component EA-HR
- Hebrew for component EA-IPPE
- Hebrew for component EA-PS
- Hebrew for component EA-RETAIL
- Hebrew for component ECC-DIMP
- Hebrew for component ERECRUIT

- Hebrew for component FI-CA
- Hebrew for component FI-CAX
- Hebrew for component FINBASIS
- Hebrew for component INSURANCE
- Hebrew for component IS-CWM
- Hebrew for component IS-H
- Hebrew for component IS-M
- Hebrew for component IS-OIL
- Hebrew for component IS-PS-CA
- Hebrew for component IS-UT
- Hebrew for component LSOFE
- Hebrew for component PI\_BASIS
- Hebrew for component SAP\_ABA
- Hebrew for component SAP\_AP
- Hebrew for component SAP\_APPL
- Hebrew for component SAP\_BASIS
- Hebrew for component SAP\_BW
- Hebrew for component SAP\_HR
- Hebrew for component SEM-BW
- Hebrew for component ST-PI

Please mount another Language Disk for these language(s).  
If you do not have further Language Disk(s), you may  
continue, but the languages mentioned above will be lost  
after the upgrade. A full language import has to be  
performed after the upgrade to reinstall the language(s).

Continue

Cancel

Hebrew language note # 756291, 18601 topic 3  
Malaysian language note # 920085, css # 586214 2006  
Add-on BIZRIGHT 300, Note # 838903,  
Add-on Virsa SAP CC, css message # 646447, 398670

## Upgrade Assistant

Statuses of the PREPARE modules:

```
Parameter input           : succeeded
Initialization            : succeeded
Import                    : succeeded
Extension                  : canceled
Integration                : initial
Installation               : initial
General checks            : initial
Activation checks         : initial
Necessary checks for conversions : initial
Optional checks for conversions : initial
Modification support      : initial
Pre-processing            : initial
```

Continue  
 Cancel

The following options are available:

```
select: Display screen for selecting PREPARE modules
status: Display the statuses of the PREPARE modules
exit:   Exit PREPARE
help:   Getting help about PREPARE
```

select  
 status  
 exit

## Upgrade Assistant

Selection	Name	Status	Mandatory
<input type="checkbox"/>	Parameter input	succeeded	yes
<input type="checkbox"/>	Initialization	succeeded	yes
<input type="checkbox"/>	Import	succeeded	yes
<input checked="" type="checkbox"/>	Extension	canceled	yes
<input checked="" type="checkbox"/>	Integration	initial	yes
<input checked="" type="checkbox"/>	Installation	initial	yes
<input checked="" type="checkbox"/>	General checks	initial	yes
<input checked="" type="checkbox"/>	Activation checks	initial	yes
<input checked="" type="checkbox"/>	Necessary checks for conversions...	initial	yes
<input type="checkbox"/>	Optional checks for conversions	initial	no
<input type="checkbox"/>	Modification support	initial	no
<input type="checkbox"/>	Pre-processing	initial	no

You selected the following PREPARE modules:

Extension  
Integration  
Installation  
General checks  
Activation checks  
Necessary checks for conversions

execute: Execute the selected PREPARE modules.  
Make sure that you have carried out the actions described in  
/usr/sap/put/log/CHECKS.LOG before continuing.  
(Note: The contents of file CHECKS.LOG are saved  
in /usr/sap/put/log/CHECKS.SAV)  
select: Display screen for selecting PREPARE modules.  
exit: Exit PREPARE.  
help: Getting help about PREPARE modules.

execute  
 select  
 exit

## Upgrade Assistant

Current phase : LANG\_SELECT

```
Starting of TODIR-CLEAN in batch (job RSTODIRM)
working ...
>> 21:34:20 PREPARE: END OF PHASE RUN_RSTODIRM_CLEAN
>> 21:34:20 PREPARE: START OF PHASE MULTSPC_UC
>> 21:34:20 PREPARE: END OF PHASE MULTSPC_UC
>> 21:34:20 PREPARE: START OF PHASE ADDSPAREQ_0
>> 21:34:20 PREPARE: END OF PHASE ADDSPAREQ_0
>> 21:34:20 PREPARE: START OF PHASE EXECLANG
>> 21:34:33 PREPARE: END OF PHASE EXECLANG
>> 21:34:33 PREPARE: START OF PHASE LANG_CHK
>> 21:34:33 PREPARE: END OF PHASE LANG_CHK
>> 21:34:33 PREPARE: START OF PHASE LANG_SELECT
working on /tmp/CDS/51031800_1/DVD_SAP_ERP_2005_SR1_Languages/LANG1 ...
working on /tmp/CDS/51031800_2/DVD_SAP_ERP_2005_SR1_Languages/LANG2 ...
working on /tmp/CDS/51031800_3/DVD_SAP_ERP_2005_SR1_Languages/LANG3 ...
working on /tmp/CDS/51031800_4/SAP_ERP_2005_SR1_Languages/LANG4 ...
working on /tmp/CDS/51031800_5/DVD_SAP_ERP_2005_SR1_Languages/LANG5 ...
working on /tmp/CDS/51031800_6/DVD_SAP_ERP_2005_SR1_Languages/LANG6 ...
```

## Upgrade Assistant

The following language(s) could not be updated yet:

- Malaysian for component EA-APPL
- Malaysian for component EA-DFPS
- Malaysian for component EA-FINSERV
- Malaysian for component EA-GLTRADE
- Malaysian for component EA-HR
- Malaysian for component EA-IPPE
- Malaysian for component EA-PS
- Malaysian for component EA-RETAIL
- Malaysian for component ECC-DIMP
- Malaysian for component ERECRUIT
- Malaysian for component FI-CA
- Malaysian for component FI-CAX
- Malaysian for component FINBASIS
- Malaysian for component INSURANCE
- Malaysian for component IS-CWM
- Malaysian for component IS-H
- Malaysian for component IS-M
- Malaysian for component IS-OIL
- Malaysian for component IS-PS-CA
- Malaysian for component IS-UT
- Malaysian for component LSOFE
- Malaysian for component PI\_BASIS
- Malaysian for component SAP\_ABA
- Malaysian for component SAP\_AP
- Malaysian for component SAP\_APPL
- Malaysian for component SAP\_BASIS
- Malaysian for component SAP\_BW
- Malaysian for component SAP\_HR
- Malaysian for component SEM-BW
- Malaysian for component ST-PI
- Hebrew for component EA-APPL
- Hebrew for component EA-DFPS
- Hebrew for component EA-FINSERV
- Hebrew for component EA-GLTRADE
- Hebrew for component EA-HR
- Hebrew for component EA-IPPE
- Hebrew for component EA-PS
- Hebrew for component EA-RETAIL
- Hebrew for component ECC-DIMP
- Hebrew for component ERECRUIT

- Hebrew for component FI-CA
- Hebrew for component FI-CAX
- Hebrew for component FINBASIS
- Hebrew for component INSURANCE
- Hebrew for component IS-CWM
- Hebrew for component IS-H
- Hebrew for component IS-M
- Hebrew for component IS-OIL
- Hebrew for component IS-PS-CA
- Hebrew for component IS-UT
- Hebrew for component LSOFE
- Hebrew for component PI\_BASIS
- Hebrew for component SAP\_ABA
- Hebrew for component SAP\_AP
- Hebrew for component SAP\_APPL
- Hebrew for component SAP\_BASIS
- Hebrew for component SAP\_BW
- Hebrew for component SAP\_HR
- Hebrew for component SEM-BW
- Hebrew for component ST-PI

Please mount another Language Disk for these language(s).  
If you do not have further Language Disk(s), you may  
continue, but the languages mentioned above will be lost  
after the upgrade. A full language import has to be  
performed after the upgrade to reinstall the language(s).

- Continue
- Cancel

## Upgrade Assistant

Do you want to mount another Language Disk, or do you want  
lose the languages mentioned on the previous page?

- Mount CD
- Remove Languages

## Upgrade Assistant

Confirm that all selected languages have to be updated.  
Remove the flag to exclude a language from import,  
but be aware that it will n o t be possible to work  
in this language after the upgrade is finished.

- Chinese
- French
- Italian
- Japanese
- Chinese trad.
- Portuguese
- Spanish

## Upgrade Assistant

If you intend to include Add-on Upgrades or Support Packages  
into the upgrade, you can now make available the needed CDs  
and packages.  
All fitting CDs and packages will then be chosen as default  
selection in the phase IS\_SELECT for the Add-on Packages and CDs  
and in the phase BIND\_PATCH for the Support Packages

Do you want to add (further) Add-on CDs?

- Yes
- No



Do you want to search for new packages in directory "/usr/sap/trans/EPS/in"?

- Search
- Skip



## Upgrade Assistant

Product update and media decision overview:  
Decide about update type and the Add On media kind.

Selection	Add-On ID	Source Release	Destination Release	Status	Note
<input type="checkbox"/>	EA-IPPE	300	400	INST/UPG WITH S...	632429
<input type="checkbox"/>	PI-BASIS	2004_1_640	2005_1_700	INST/UPG WITH S...	570810
<input type="checkbox"/>	ST-PI	2005_1_640	2005_1_700	INST/UPG WITH S...	769519
<input checked="" type="checkbox"/>	BIZRIGHT	300	?	UNDECIDED	632429
<input checked="" type="checkbox"/>	ST-A/PI	016_ECC500	?	UNDECIDED	69455
<input checked="" type="checkbox"/>	VIRSA	400_640	?	UNDECIDED	632429

## Upgrade Assistant

Decision about Add-on BIZRIGHT  
=====

Select the operation to be performed:

Operation

- Upgrade with Add-on CD
- Upgrade with SAINT package
- Keep (with vendor key)
- Delete with CD
- Delete
- no decision yet

Vendor Key (for KEEP decision only):

KEY =

## Upgrade Assistant

Decision about Add-on ST-A/PI  
=====

Select the operation to be performed:

Operation

- Upgrade with Add-on CD
- Upgrade with SAINT package
- Keep (with vendor key)
- Delete with CD
- Delete
- no decision yet

Vendor Key (for KEEP decision only):

KEY=

No matching SAINT package for 'ST-A/PI' found.  
Do you want to add (further) Add-on CDs?

- Yes
- No

Do you want to search for new packages in directory "/usr/sap/trans/EPS/in"?

- Search
- Skip

During system upgrade the addon ST-A/PI gets lost just like standard coding ("passive deletion"). No restrictions on upgrade target releases or similar. Choose "Passive deletion" whenever the upgrade asks you about ST-A/PI. You do not need the files of ST-A/PI for the target release during the upgrade. You do not need to update an old ST-A/PI prior to an upgrade.

After upgrade you may find messages like 'Table /SSF/.. exists without DDIC reference' concerning service tool tables in the CHK\_POSTUP phase or in DB02. These are harmless and most easily solved by implementing ST-A/PI on the new release. Then run report RTCCTOOL and follow the recommendation 'Procedure after upgrade' (takes 2 clicks from inside the tool).

## Upgrade Assistant

Decision about Add-on ST-A/PI  
=====

Select the operation to be performed:

Operation

- Upgrade with Add-on CD
- Upgrade with SAINT package
- Keep (with vendor key)
- Delete with CD
- Delete
- no decision yet

Vendor Key (for KEEP decision only):

KEY=

## Upgrade Assistant

Decision about Add-on VIRSA  
=====

Select the operation to be performed:

Operation

- Upgrade with Add-on CD
- Upgrade with SAINT package
- Keep (with vendor key)
- Delete with CD
- Delete
- no decision yet

Vendor Key (for KEEP decision only):

KEY =

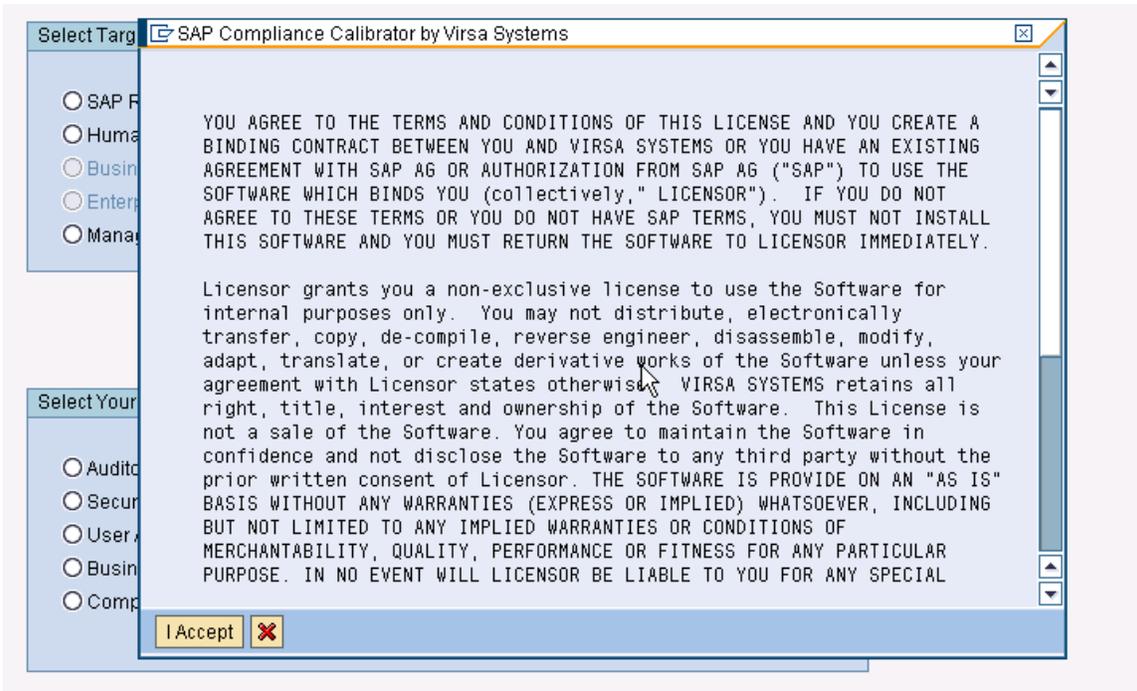
## Upgrade Assistant

Product update and media decision overview:  
Decide about update type and the Add On media kind.

Selection	Add-On ID	Source Release	Destination Release	Status	Note
<input type="checkbox"/>	EA-IPPE	300	400	INST/UPG WITH S...	632429
<input type="checkbox"/>	PI-BASIS	2004_1_640	2005_1_700	INST/UPG WITH S...	570810
<input type="checkbox"/>	ST-PI	2005_1_640	2005_1_700	INST/UPG WITH S...	769519
<input type="checkbox"/>	BIZRIGHT	300	-	DELETE	632429
<input type="checkbox"/>	ST-A/PI	016_ECC500	-	DELETE	69455
<input checked="" type="checkbox"/>	VIRSA	400_640	?	UNDECIDED	632429

Virsa addon backup.....

Go to transaction /n/virsa/zvrat



## SAP Compliance Calibrator by Virsa Systems



### Select Target System for Risk Assessment

- SAP R/3 System
- Human Resources(HR)
- Business Information Warehouse(BIW)
- Enterprise Portal(EP)
- Management of Internal Controls(MIC)

### Select Your Role

- Auditor
- Security Administrator
- User Administrator
- Business Process Owner
- Compliance Calibrator Administrator

# SAP Compliance Calibrator by Virsa Systems - SODs / Risk Analysis

Simulate Rule Architect Mitigation Alerts Management Reports

**Analysis Type**

User Based

User  to

User Group  to

Role/Profile Based

Roles  to

Profiles  to

Combined analysis

**SOD Risk Level**

Critical  High  Medium  Low  All

**Report Type**

SOD at Transaction Code Level  SOD at Authorization Object Level

Critical Transactions  Critical Roles/Profiles

Mitigating Controls

Risk  to

Organizational Rule  to

**Report Format**

Exec Summary Report  Summary Report  Detail Report  Business View

**User Type**

Dialog  Communication  System  Service  Reference  All

## Rule Architect

The screenshot shows the SAP Rule Architect interface. On the left is a navigation tree with the following items:

- Rule Library
- Business Processes
- Functions
- Risks
- Rules
- Critical Transaction
- Critical Role
- Critical Profile
- Rule Matrix
- Organizational Rules
- Utilities
- Rule Transport

On the right, there are two summary tables:

### General Information

Total Number of Rules	15249	Number of Rules
Number of Active Rules	15217	Number of Active Rules
Number of Critical Rules	22	Number of Critical Rules

### Rules by Business Process

Business Process	Total Number of Rules
APO	0
Basis	1080
CRM	0
EBP and SRM	509
Financial Accounting	1745
Fixed Assets	413
HR and Payroll	991
Materials Management	2195
Procure-to-Pay	8316
Sales and Distribution	0

The screenshot shows the 'Enter Transport Request' dialog box. It contains the following fields and buttons:

- Request: RCTK900562 (with a 'Customizing request' icon)
- Short Text: Virsa Backup During upgrade.
- Buttons: A green checkmark icon, a document icon, 'Own Requests', and a red 'X' icon.

RCTK900562

## SAP Compliance Calibrator by Virsa Systems - SODs / Risk Analysis

The screenshot shows the SAP Compliance Calibrator interface. The toolbar contains the following buttons:

- Simulate
- Rule Architect
- Mitigation
- Alerts
- Management Reports
- Help

Below the toolbar, the 'Analysis Type' field is visible.

# Mitigating Control

Mitigating Control Library

- Define Monitors and Approve
- Business Units
- Mitigating Control
- Associated Risks
- Mitigation Monitors
- Mitigated Users
- Mitigated Roles
- Mitigated Profiles
- Mitigated HR Objects
- Reports
- Utilities
  - Upload
  - Download
  - Mitigation Transport

General Information

- Total Number of Mitigati
- Number of Expired Cont
- Number of Mitigated Us
- Number of Mitigated Rol
- Number of Mitigated Prc

Mitigating Control by Ri

Business Process

Enter Transport Request

Request: RCTK900562 Customizing request

Short Text: Virsa Backup During upgrade.

Own Requests

Decision about Add-on VIRSA  
 =====

Select the operation to be performed:

Operation

- Upgrade with Add-on CD
- Upgrade with SAINT package
- Keep (with vendor key)
- Delete with CD
- Delete
- no decision yet

Vendor Key (for KEEP decision only):

KEY=

Product update and media decision overview:  
 Decide about update type and the Add On media kind.

Selection	Add-On ID	Source Release	Destination Release	Status	Note
<input type="checkbox"/>	EA-IPPE	300	400	INST/UPG ...	632429
<input type="checkbox"/>	PI_BASIS	2004_1_640	2005_1_700	INST/UPG ...	570810
<input type="checkbox"/>	ST-PI	2005_1_640	2005_1_700	INST/UPG ...	769519
<input type="checkbox"/>	BIZRIGHT	300	-	DELETE	632429
<input type="checkbox"/>	ST-A/PI	016_ECC500	-	DELETE	69455
<input type="checkbox"/>	VIRSA	400_640	-	DELETE	632429

You can include Support Packages of the target release in the upgrade.  
 You need this if the current package level can only be retained  
 with equivalent Support Packages of the target release.

Do you want to include (further) Support Packages of the target release ?

- Yes
- No

Do you want to search for new packages in directory  
"/usr/sap/trans/EP6/in" first?

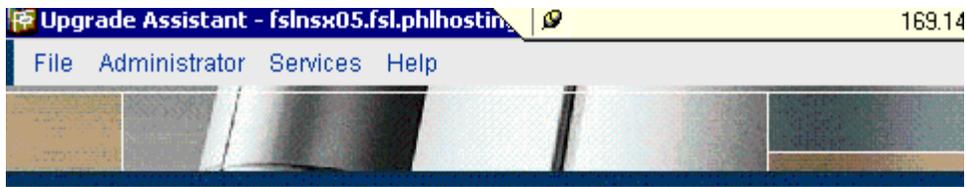
This scan may run for some minutes. You can skip the inbox scan,  
if the package descriptions have been uploaded already to this system.

- Search
- Skip

According to the uploaded packages the queue calculator  
could generate a valid support package queue.

Do you want to take over the calculated package levels  
as default selection?

- Yes
- No
- Show Selection



## Upgrade Assistant

Component	Package Lev
SAP_ABA	0009
SAP_BASIS	0009
PI_BASIS	0009
ST-PI	0002
SAP_BW	0009
SAP_AP	0006
SAP_HR	0008
SAP_APPL	0006
EA-IPPE	0006
EA-FINSERV	0006
EA-GLTRADE	0006
EA-HR	0008
EA-PS	0006
EA-RETAIL	0006
EA-DFPS	0005
EA-APPL	0006
FINBASIS	0005
ECC-DIMP	0006
ERECRUIT	0006
FI-CA	0006
FI-CAX	0006
INSURANCE	0006
IS-CWM	0005
IS-H	0006
IS-M	0006
IS-OIL	0006
IS-PS-CA	0006
IS-UT	0005
SEM-BW	0005
LSOFE	0006

Continue

Cancel

According to the uploaded packages the queue calculator could generate a valid support package queue.

Do you want to take over the calculated package levels as default selection?

- Yes
- No
- Show Selection

### Upgrade Assistant

Please select the Support Packages to include:

Component	Minimum Level	Equivalent Level	Current Level	Selection
SAP_ABA	<none>	<none>	0006	9
SAP_BASIS	<none>	<none>	0006	9
PI_BASIS	<none>	<none>	0006	9
ST-PI	<none>	<none>	0001	2
SAP_BW	<none>	<none>	0006	9
SAP_AP	<none>	<none>	0003	6
SAP_HR	<none>	<none>	0003	8
SAP_APPL	<none>	<none>	0003	6
EA-IPPE	<none>	<none>	0003	6
EA-FINSERV	<none>	<none>	0003	6
EA-GLTRADE	<none>	<none>	0003	6
EA-HR	<none>	<none>	0003	8
EA-PS	<none>	<none>	0003	6
EA-RETAIL	<none>	<none>	0003	6
EA-DFPS	<none>	<none>	0003	5
EA-APPL	<none>	<none>	0003	6
FINBASIS	<none>	<none>	0003	5
ERECRUIT	<none>	<none>	0003	6
SEM-BW	<none>	<none>	0003	5
LSOFE	<none>	<none>	0003	6

Help OK

-----

-----



Do you want to include a SPAM Update for release 700?  
(We recommend to include the newest available SPAM Update.)

- Yes  
 No



No valid SPAM Update for release 700 found in the system.

Do you want to search for new packages in directory "/usr/sap/trans/EPS/in"?

- Search  
 Skip inclusion



The following SPAM Update package has been found:

Request: SAPKD70021  
Version: 0021  
Text: SPAM/SAINT Update - Version 700/0021

You can

- include this SPAM Update
- search for a newer SPAM Update (in directory "/usr/sap/trans/EPS/in")
- skip the inclusion

- Include  
 Search  
 Skip



Do you want to include a Single Change Request?

- No  
 Yes

The following packages will be included:

Component SAP\_ABA Support Package (SAP\_ABA) 7 - 9  
Component SAP\_BASIS Support Package (SAP\_BASIS) 7 - 9  
Component PI\_BASIS Support Package (PI\_BASIS) 7 - 9  
Component ST-PI Support Package (ST-PI) 2  
Component SAP\_BW Support Package (SAP\_BW) 7 - 9  
Component SAP\_AP Support Package (SAP\_AP) 4 - 6  
Component SAP\_HR Support Package (SAP\_HR) 4 - 8  
Component SAP\_APPL Support Package (SAP\_APPL) 4 - 6  
Component EA-IPPE Support Package (EA-IPPE) 4 - 6  
Component EA-FINSERV Support Package (EA-FINSERV) 4 - 6  
Component EA-GLTRADE Support Package (EA-GLTRADE) 4 - 6  
Component EA-HR Support Package (EA-HR) 4 - 8  
Component EA-PS Support Package (EA-PS) 4 - 6  
Component EA-RETAIL Support Package (EA-RETAIL) 4 - 6  
Component EA-DFPS Support Package (EA-DFPS) 4 - 5  
Component EA-APPL Support Package (EA-APPL) 4 - 6  
Component FINBASIS Support Package (FINBASIS) 4 - 5  
Component ECC-DIMP Support Package (ECC-DIMP) 4 - 6  
Component ERECRUIT Support Package (ERECRUIT) 4 - 6  
Component FI-CA Support Package (FI-CA) 4 - 6  
Component FI-CAX Support Package (FI-CAX) 4 - 6  
Component INSURANCE Support Package (INSURANCE) 4 - 6  
Component IS-CWM Support Package (IS-CWM) 4 - 5  
Component IS-H Support Package (IS-H) 4 - 6  
Component IS-M Support Package (IS-M) 4 - 6  
Component IS-OIL Support Package (IS-OIL) 4 - 6  
Component IS-PS-CA Support Package (IS-PS-CA) 4 - 6  
Component IS-UT Support Package (IS-UT) 4 - 5  
Component SEM-BW Support Package (SEM-BW) 4 - 5  
Component LSOFE Support Package (LSOFE) 4 - 6

The following SPAM Update for release 700 will be included:

SAPKD70021

The total size of all data files is 1285484 KBytes.

The total size of all data files is 1285484 KBytes.

Confirm

Change Selection

For automatically maintaining your modifications in your system during the upgrade transport requests from earlier upgrades are searched in file umodauto.lst in directory /usr/sap/trans/bin. The file could not be read. There are several reasons why this may be correct, e.g. "this is your first upgrade" or "your system is not modified".

Did you expect a list of transports being found?

- no  
 yes

INFO: During the upgrade a temporary instance is installed to perform the modification adjustment and activation. For the installation of the shadow system instance, you have to supply unused instance numbers and free port numbers.

- Continue  
 Cancel

Supply the following information:

Enter an unused instance number for the shadow system:

INSTANCE NUMBER = 02

3602 commented in /etc/services

## Upgrade Assistant

Please enter the following port numbers:

Enter a free port number for the send daemon talk port:

SEND DAEMON TALK PORT =

Enter a free port number for the send daemon listen port:

SEND DAEMON LISTEN PORT =

Enter a free port number for the collect daemon listen port:

COLLECT DAEMON LISTEN PORT =

Enter a free port number for the collect daemon talk port:

COLLECT DAEMON TALK PORT =

1302,1202,3902,4002 (tcp/ip, udp) are commented in /etc/services

For the upgrade strategy -Downtime-minimized- there is the option to run the so-called shadow instance on an additional application server of your system landscape. Are you planning to apply this possibility?

no  
 yes

You have the alternative to use the profiles from a test upgrade with identical environment for the so-called shadow instance. If you choose this alternative the profiles will be taken from the subdirectory <save>. Please also refer to the upgrade manual for more details! Do you want to take the profiles?

no  
 yes

## Upgrade Assistant

Execution of the selected PREPARE modules finished with the statuses as follows:

```
'Extension' status: succeeded
'Integration' status: succeeded
'Installation' status: failed
'General checks' status: failed
'Activation checks' status: succeeded
'Necessary checks for conversions' status: succeeded
```

Please see file /usr/sap/put/log/CHECKS.LOG for the actions which have to be performed.

- Continue  
 Cancel

## Upgrade Assistant

Selection	Name	Status	Mandatory
<input type="checkbox"/>	Parameter input	succeeded	yes
<input type="checkbox"/>	Initialization	succeeded	yes
<input type="checkbox"/>	Import	succeeded	yes
<input type="checkbox"/>	Extension	succeeded	yes
<input type="checkbox"/>	Integration	succeeded	yes
<input checked="" type="checkbox"/>	Installation	failed	yes
<input checked="" type="checkbox"/>	General checks	failed	yes
<input type="checkbox"/>	Activation checks	succeeded	yes
<input type="checkbox"/>	Necessary checks for conversions...	succeeded	yes
<input type="checkbox"/>	Optional checks for conversions	initial	no
<input type="checkbox"/>	Modification support	initial	no
<input type="checkbox"/>	Pre-processing	initial	no

## Upgrade Assistant

You selected the following PREPARE modules:

Installation  
General checks

execute: Execute the selected PREPARE modules.  
Make sure that you have carried out the actions described in  
/usr/sap/put/log/CHECKS.LOG before continuing.  
(Note: The contents of file CHECKS.LOG are saved  
in /usr/sap/put/log/CHECKS.SAV)  
select: Display screen for selecting PREPARE modules.  
exit: Exit PREPARE.  
help: Getting help about PREPARE modules.

- execute
- select
- exit
- display CHECKS.LOG

INFO: During the upgrade a temporary instance is installed  
to perform the modification adjustment and activation.  
For the installation of the shadow system instance,  
you have to supply unused instance numbers and free  
port numbers.

- Continue
- Cancel

As 3602 is already in use changed the Instance Nr to 03

## Upgrade Assistant

Supply the following information:

Enter an unused instance number for the shadow system:

INSTANCE NUMBER =

## Upgrade Assistant

Please enter the following port numbers:

Enter a free port number for the send daemon talk port:

SEND DAEMON TALK PORT =

Enter a free port number for the send daemon listen port:

SEND DAEMON LISTEN PORT =

Enter a free port number for the collect daemon listen port:

COLLECT DAEMON LISTEN PORT =

Enter a free port number for the collect daemon talk port:

COLLECT DAEMON TALK PORT =

Execution of the selected PREPARE modules finished with the statuses as follows:

'Installation' status: failed  
'General checks' status: failed

Please see file /usr/sap/put/log/CHECKS.LOG for the actions which have to be performed.

Continue  
 Cancel

## Errors in CHECKS.LOG

```
#=====#  
# Requests and information for module Installation #  
#=====#  
  
ERROR> You have to login as root and enter:  
the shadow instance message server sapmsSHDRCT in /etc/services:  
  
ERROR> You have to login as root and enter  
the shadow gateway instance sapgw03 in /etc/services with number 3303:  
  
ERROR> You have to login as root and enter:  
the shadow dispatcher instance sapdp03 in /etc/services with number 3203:  
  
#=====#  
# PREPARE module Installation finished with status failed #  
#=====#
```

Sol: Enter the following entries in the /etc/services

```
sapmsSHDRCT 3603/tcp  
sapgw03 3303/tcp  
sapdp03 3203/tcp
```

```
#=====#
# Requests and information for module General checks #
#=====#

-----

INFO> The following values may be preliminary because of
free space consumption during productive operation and
additional free space requests derived in a later stage.
Conversions of modified tables can require additional space.

Please use the largest free space request printed,
which are the values at the very end of this file.

ERROR> Insufficient free space in the database as follows:

Create TABLESPACE PSAPRCT700          with 32754 MB
```

Sol: Create table space PSAPRCT700 with 32754 MB

35GB PSAPRCT700 is created.

```
ERROR> No write permission for file /usr/sap/RCT/SYS/exe/run/icmbnd
ERROR> No write permission for file /usr/sap/RCT/SYS/exe/run/brrestore
ERROR> No write permission for file /usr/sap/RCT/SYS/exe/run/backint
ERROR> No write permission for file /usr/sap/RCT/SYS/exe/run/saposcol.old
ERROR> No write permission for file /usr/sap/RCT/SYS/exe/run/saposcol
ERROR: Change the permission of these executables
```

Sol: Change permissions for the above described files to 775

```
fslnsx05:root> chmod 775 brrestore
```

```
fslnsx05:root> chmod 775 backint
```

```
fslnsx05:root> chmod 775 icmbnd
```

```
fslnsx05:root> chmod 775 saposcol
```

```
fslnsx05:root> chmod 775 saposcol.old
```

```
WARNING: Locked SAP-objects were found in open repairs
and/or transport requests. If these requests are not released,
you will not be able to adjust these objects.
Release these repairs and transport requests to ensure that the
objects can be adjusted!!!
For a list of the transport orders and repairs see below:

Transport Request      User      Date      Repair
Date
RCTK900558            R9403Z 20060710
RCTK900558            R9403Z 20060710      RCTK900559      R
0060710
--> Release these 2 open transport requests and repairs.
```

Sol: Release the transports

```
Execution of the selected PREPARE modules finished
with the statuses as follows:

'Installation' status: failed
'General checks' status: failed

Please see file /usr/sap/put/log/CHECKS.LOG
for the actions which have to be performed.

 Continue
 Cancel
```

```
The following options are available:
select: Display screen for selecting PREPARE modules
status: Display the statuses of the PREPARE modules
exit: Exit PREPARE
help: Getting help about PREPARE

 select
 status
 exit
```

Statuses of the PREPARE modules:

```
Parameter input      : succeeded
Initialization       : succeeded
Import               : succeeded
Extension            : succeeded
Integration          : succeeded
Installation         : failed
General checks       : failed
Activation checks    : succeeded
Necessary checks for conversions : succeeded
Optional checks for conversions : initial
Modification support : initial
Pre-processing       : initial
```

- Continue  
 Cancel

The following options are available:

```
select: Display screen for selecting PREPARE modules
status: Display the statuses of the PREPARE modules
exit:   Exit PREPARE
help:   Getting help about PREPARE
```

- select  
 status  
 exit

## Upgrade Assistant

Selection	Name	Status	Mandatory
<input type="checkbox"/>	Parameter input	succeeded	yes
<input type="checkbox"/>	Initialization	succeeded	yes
<input type="checkbox"/>	Import	succeeded	yes
<input type="checkbox"/>	Extension	succeeded	yes
<input type="checkbox"/>	Integration	succeeded	yes
<input checked="" type="checkbox"/>	Installation	failed	yes
<input checked="" type="checkbox"/>	General checks	failed	yes
<input type="checkbox"/>	Activation checks	succeeded	yes
<input type="checkbox"/>	Necessary checks for conversions...	succeeded	yes
<input type="checkbox"/>	Optional checks for conversions	initial	no
<input type="checkbox"/>	Modification support	initial	no
<input type="checkbox"/>	Pre-processing	initial	no

You selected the following PREPARE modules:

Installation  
General checks

execute: Execute the selected PREPARE modules.  
Make sure that you have carried out the actions described in  
/usr/sap/put/log/CHECKS.LOG before continuing.  
(Note: The contents of file CHECKS.LOG are saved  
in /usr/sap/put/log/CHECKS.SAV)

select: Display screen for selecting PREPARE modules.  
exit: Exit PREPARE.  
help: Getting help about PREPARE modules.

- execute
- select
- exit
- display CHECKS.LOG

Supply the following information:

Enter an unused instance number for the shadow system:

INSTANCE NUMBER =

Please enter the following port numbers:

Enter a free port number for the send daemon talk port:

SEND DAEMON TALK PORT =

Enter a free port number for the send daemon listen port:

SEND DAEMON LISTEN PORT =

Enter a free port number for the collect daemon listen port:

COLLECT DAEMON LISTEN PORT =

Enter a free port number for the collect daemon talk port:

COLLECT DAEMON TALK PORT =

Execution of the selected PREPARE modules finished  
with the statuses as follows:

'Installation' status: succeeded  
'General checks' status: succeeded

Please see file /usr/sap/put/log/CHECKS.LOG  
for the actions which have to be performed.

- Continue  
 Cancel

```
Date
      RCTK900558      R9403Z 20060710
      RCTK900558      R9403Z 20060710      RCTK900559      R9403Z
```

RCTK900558 needs to be released.

```
WARNING> Errors occurred during CHECK OF UPDATE TASK
          (batch job RSVBCHCK)
          The contents of the summary error log file is as follows.
          Details can be seen in the log file of the batch job: RSVBCHCK.RCT
          The following messages can be ignored in certain circumstances.
          Please see the extended error message(s) below.

~~~~~
CHECK OF UPDATE TASK Errors and RETURN CODE in RSVBCHCK.RCT
~~~~~
A2EEMCEX 151 Entries for application "02" still exist in the extraction queue -
Long text:

Cause
  Changing extraction structure &V#& for application &V#& is forbidden,
  because there are entries that have not yet been processed into an
  extraction queue for application &V#& for at least one client.
  If an extraction structure is changed to the entries that are still
  open in an extraction queue, then these are no longer able to be read
  and can cause terminations with the collective update.

What to do
  Start the collective update using the function "Job Control" in the
  <DS:TRAN.LBWE>Logistics Extraction Structures Customizing Cockpit</>.
  To get an overview of the logistics extraction queues, see the
  <DS:TRAN.LBWQ>Logistics Queue Overview</>.
```

## Upgrade Assistant

Execution of the selected PREPARE modules finished with the statuses as follows:

'Installation' status: succeeded  
'General checks' status: succeeded

Please see file /usr/sap/put/log/CHECKS.LOG for the actions which have to be performed.

- Continue  
 Cancel

The following options are available:

select: Display screen for selecting PREPARE modules  
status: Display the statuses of the PREPARE modules  
exit: Exit PREPARE  
help: Getting help about PREPARE

- select  
 status  
 exit

Statuses of the PREPARE modules:

Parameter input	: succeeded
Initialization	: succeeded
Import	: succeeded
Extension	: succeeded
Integration	: succeeded
Installation	: succeeded
General checks	: succeeded
Activation checks	: succeeded
Necessary checks for conversions	: succeeded
Optional checks for conversions	: initial
Modification support	: initial
Pre-processing	: initial

- Continue  
 Cancel

The following options are available:

select: Display screen for selecting PREPARE modules  
status: Display the statuses of the PREPARE modules  
exit: Exit PREPARE  
help: Getting help about PREPARE

- select  
 status  
 exit

## Upgrade Assistant

Selection	Name	Status	Mandatory
<input type="checkbox"/>	Parameter input	succeeded	yes
<input type="checkbox"/>	Initialization	succeeded	yes
<input type="checkbox"/>	Import	succeeded	yes
<input type="checkbox"/>	Extension	succeeded	yes
<input type="checkbox"/>	Integration	succeeded	yes
<input type="checkbox"/>	Installation	succeeded	yes
<input type="checkbox"/>	General checks	succeeded	yes
<input type="checkbox"/>	Activation checks	succeeded	yes
<input type="checkbox"/>	Necessary checks for conversions...	succeeded	yes
<input checked="" type="checkbox"/>	Optional checks for conversions	initial	no
<input checked="" type="checkbox"/>	Modification support	initial	no
<input checked="" type="checkbox"/>	Pre-processing	initial	no

You selected the following PREPARE modules:

Optional checks for conversions  
Modification support  
Pre-processing

execute: Execute the selected PREPARE modules.  
Make sure that you have carried out the actions described in  
/usr/sap/put/log/CHECKS.LOG before continuing.  
(Note: The contents of file CHECKS.LOG are saved  
in /usr/sap/put/log/CHECKS.SAV)

select: Display screen for selecting PREPARE modules.  
exit: Exit PREPARE.  
help: Getting help about PREPARE modules.

- execute
- select
- exit
- display CHECKS.LOG

```
>> 04:16:39 PREPARE: START OF PHASE ADJUSTCHK_PRE
Starting check of modified objects in batch
Starting of analysing modifications in batch (job RSUMOD01)
working ...
CAUTION: DDIC adjustments are necessary (see logfile ADJUSTMT.INF)
INFO: No transport request was found for SPDD that could be used
instead of manually maintaining your repository
modifications in phase ACT_700.
Be prepared for a halt of the upgrade
to let you run transaction SPDD in phase ACT_700.
CAUTION: Repository adjustments are necessary (see logfile ADJUSTMT.INF)
INFO: No transport request was found for SPAU that could be used
instead of manually maintaining your development
modifications in release700.
Be prepared to run transaction SPAU after the upgrade.

INFO: The complete process of your decision is logged to the file
/usr/sap/put/log/DECIUMOD.LOG
>> 04:18:40 PREPARE: END OF PHASE ADJUSTCHK_PRE
>> 04:18:40 PREPARE: START OF PHASE CHECKGROUP_END8
Execution of PREPARE module Modification support ends at 20060928041840
```

```
fslnsx05:root> more ADJUSTMT.INF
```

```
CAUTION: During the upgrade 85 ABAP Dictionary objects will be imported
in your RCT system which have been modified there.
You can have a look at these modifications in detail
by running transaction SPDD in your RCT system now.
```

```
CAUTION: During the upgrade 396 ABAP development objects will be imported
in your RCT system which have been modified there.
You can have a look at these modifications in detail
by running transaction SPAU in your RCT system now.
```

## Upgrade Assistant

The next phase runs a report which saves and restores variants from your system. Please read note 712297 carefully.

Do you want to run the phases JOB\_RASUVAR1(2)?

- no  
 yes

```
#=====#
# Requests and information for module Modification support #
#=====#
```

CAUTION: During the upgrade 85 ABAP Dictionary objects will be imported in your RCT system which have been modified there.  
You can have a look at these modifications in detail by running transaction SPDD in your RCT system now.

CAUTION: During the upgrade 396 ABAP development objects will be imported in your RCT system which have been modified there.  
You can have a look at these modifications in detail by running transaction SPAU in your RCT system now.

INFO> SAPup will stop for repository adjustments.

```
#=====#
# PREPARE module Modification support finished with status succeeded #
#=====#
```

```
#=====#
# Requests and information for module Pre-processing #
#=====#
```

```
#=====#
# PREPARE module Pre-processing finished with status succeeded #
#=====#
```

```
#=====#
# Execution of all selected PREPARE modules finished.
#=====#
```

Execution of the selected PREPARE modules finished with the statuses as follows:

```
'Optional checks for conversions' status: succeeded
'Modification support' status: succeeded
'Pre-processing' status: succeeded
```

Please see file /usr/sap/put/log/CHECKS.LOG for the actions which have to be performed.

Continue  
 Cancel

Statuses of the PREPARE modules:

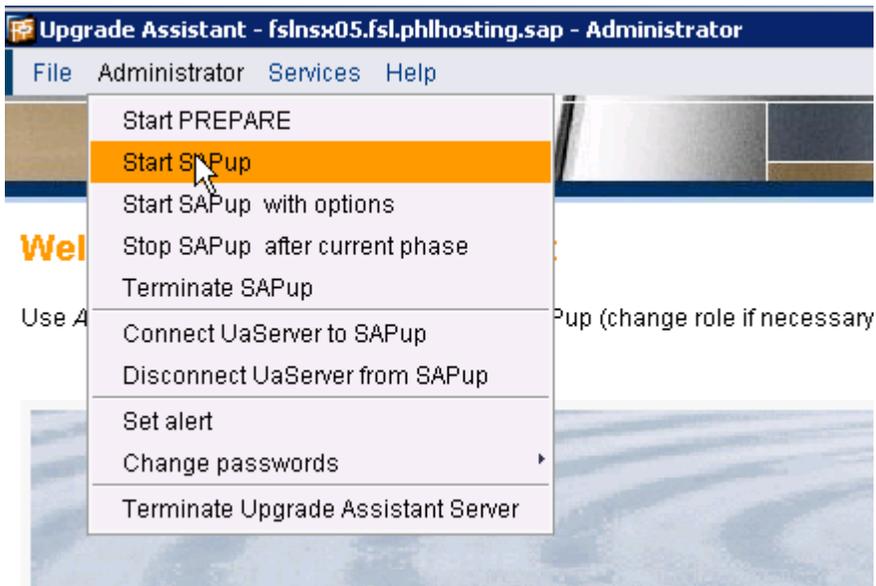
Parameter input	: succeeded
Initialization	: succeeded
Import	: succeeded
Extension	: succeeded
Integration	: succeeded
Installation	: succeeded
General checks	: succeeded
Activation checks	: succeeded
Necessary checks for conversions	: succeeded
Optional checks for conversions	: succeeded
Modification support	: succeeded
Pre-processing	: succeeded

Continue  
 Cancel



Checks.log Checks.sav

## UPGRADE



SAP UPGRADE CONTROL PROGRAM

=====

This is SAPup version 7.00/2 upgrade to release

600 of EA-APPL  
600 of EA-DFPS  
600 of EA-FINSERV  
600 of EA-GLTRADE  
600 of EA-HR  
400 of EA-IPPE  
600 of EA-PS  
600 of EA-RETAIL  
600 of ECC-DIMP  
600 of ERECRUIT  
600 of FI-CA  
600 of FI-CAX  
600 of FINBASIS  
600 of INSURANCE  
600 of IS-CWM  
600 of IS-H  
600 of IS-M  
600 of IS-OIL  
600 of IS-PS-CA  
600 of IS-UT  
600 of LSOFE  
2005\_1\_700 of PI\_BASIS  
700 of SAP\_ABA  
700 of SAP\_AP  
700 of SAP\_AP  
600 of SAP\_APPL  
700 of SAP\_BASIS  
700 of SAP\_BW  
600 of SAP\_HR  
600 of SEM-BW  
2005\_1\_700 of ST-PI

Target SAP system is RCT, ORACLE database

- Continue  
 Cancel

Do you have to change any parameter of the upgrade ?

Note: this can be done here or later (with the option "set stdpar"  
including a restart of SAPup).

- No  
 Yes



Select an upgrade strategy (read the upgrade manual !!!):

- Downtime-minimized : Parallel to the production instance, an instance on the target system will be established to minimize downtime
- Resource-minimized : There is only one system alive, either the instance on the start or on the target release to minimize the resources needed

Select the upgrade strategy (current selection is Downtime-minimized):

- Downtime-minimized
- Resource-minimized



You selected upgrade strategy Downtime-minimized, where the import of the mass data in the EU\_IMPORT phases should be slowed down to avoid performance drawbacks during production operation.

Please enter the time that this import shall take minus 20% as security distance.

The time for mass-import (EU\_IMPORT-phases) in hours:

IMPORT TIME =

Select an upgrade phase for disabling the archive mode (read the upgrade manual!):

If the archive mode is disabled, all productive operations have to be stopped.

Current selection is:

- No disabling of the archive mode during the whole upgrade

Archiving on

MODPROF\_TRANS

Enter maximum number of batch processes during the upgrade [3]

BATCH PROCESSES =

Note: The front end software could be updated at any time before or during the upgrade. It must be updated before the start of the shadow instance in phase START\_SHDI\_FIRST.  
Refer to the upgrade manual if you do not know how to perform the update procedure.

- continue  
 exit

BATCHJOB RSVBCHCK FAILED  
ERROR: errors found in logfile (accumulated in file PSVBCHCK.ELG)

- Continue  
 Cancel

```
fslnsx05:rctadm 7> cat PSVBCHCK.ELG |more
```

```
~~~~~  
CHECK OF UPDATE TASK Errors and RETURN CODE in RSVBCHCK.RCT  
~~~~~
```

```
A2EEMCEX 151 Entries for application "02" still exist in the extraction queue ->
```

Long text:

Cause

Changing extraction structure <V#> for application <V#> is forbidden, because there are entries that have not yet been processed into an extraction queue for application <V#> for at least one client.  
If an extraction structure is changed to the entries that are still open in an extraction queue, then these are no longer able to be read and can cause terminations with the collective update.

What to do

Start the collective update using the function "Job Control" in the <DS:TRAN.LBWE>Logistics Extraction Structures Customizing Cockpit</>.  
To get an overview of the logistics extraction queues, see the <DS:TRAN.LBWQ>Logistics Queue Overview</>.





You must now include your repository modifications in the new SAP import.  
85 modified objects are found to be adjusted and 0 objects are automatically maintained by import of an adjustment transport bound to this upgrade.  
CAUTION: It is impossible to keep these modifications after you have confirmed this query.  
Do you want to make adjustments to ABAP dictionary objects ?

- make adjustments  
 no adjustments



Adjust your repository now !  
!!! ATTENTION !!!  
Please proceed as follows:  
- Logon to the shadow instance as user DDIC in client 000.  
  Server: fslnsx05 Instance: 03  
- Set the System Change option with transaction SE06.  
- Create users for modification adjustment by copying user DDIC with transaction SU01.  
- Logon to the shadow instance as ordinary user and make adjustments with transaction SPDD.  
Refer to the upgrade manual for further information.

Repository adjustment processed ?

- Repository ok  
 exit



SPDD list.html

SPDD adjustment done

RESTART: upgrade stopped in phase ACT\_700

- Continue  
 Cancel

The following START modes are available:

- Repeat phase ACT\_700 to continue the upgrade at the point it stopped.
- Initialize phase ACT\_700 to restart this phase from the beginning.
- Initialize and run another upgrade phase (caution, refer to your installation guide).
- Exit this program.

- repeat
- init
- jump
- exit

INFO: Phase ACT\_700 not completely initialized yet.

- continue
- exit

You must now include your repository modifications in the new SAP import.

85 modified objects are found to be adjusted and 0 objects are automatically maintained by import of an adjustment transport bound to this upgrade.

CAUTION: It is impossible to keep these modifications after you have confirmed this query.

Do you want to make adjustments to ABAP dictionary objects ?

- make adjustments
- no adjustments

Modifications and Enhancements

Category	Object Name	Object Type	Created By	Created Date	Created Time
With Modification Assistant	Data Elements				
	MEREP_DES_VENDOR_NAME	R55150	RCDK949729	18.11.2005	
	MEREP_VENDOR_NAME	R55150	RCDK949729	18.11.2005	
	NO_PP_EB	R55150_A	RCDK935558	09.10.2003	
	QISRDFIELDINDEX	R1064Z	RCDK947266	24.08.2005	
	TB_DUPDAT	R50445	RCDK937718	01.04.2004	
TB_TUPTIM	R50445	RCDK937718	01.04.2004		
Without Modification Assistant	Structures				
	PTRV_EPK		Transfer Travel -> FI/CO: Structure of LIS wi		
	Structure Fields	TESTUSER		09.10.2006	<unknown>

Adjust your repository now !  
!!! ATTENTION !!!  
Please proceed as follows:  
- Logon to the shadow instance as user DDIC in client 000.  
Server: fslnsx05 Instance: 03  
- Set the System Change option with transaction SE06.  
- Create users for modification adjustment by copying  
user DDIC with transaction SU01.  
- Logon to the shadow instance as ordinary user and  
make adjustments with transaction SPDD.  
Refer to the upgrade manual for further information.

Repository adjustment processed ?

- Repository ok  
 exit

## The Upgrade is Running ...

Current phase : ACT\_700

Phase 219 of 485



Phase The phase is in progress.

✓ DB6_ACTIONS_ALL	▲
<b>ACT_700</b>	▼
RUN_RSPTBFIL_DEST	
JOB_RDDPRHS	
JOB_RUTTTYPSET	
JOB_DESTORBA	



ERROR: 96 errors detected during ACT\_700.  
Analyze summary error logfile ACTUPG.ELG  
and remove all error conditions in the way  
it is described in the upgrade manual. Repeat  
this phase until it is error free.  
Additional hints may be given in logfiles  
SLOG700 and /usr/sap/put/log/SAPup.ECO

- Continue  
 Cancel

**CAUTION:** When the next query is confirmed, all productive activities have to be closed, and all users have to be logged out, because the central application server is shutdown. Refer to the upgrade manual how to isolate the central SAP instance.

Do you want to continue ?

- yes  
 exit

**Backup of put taken in as below**

```
sapmnt/RCT/put_bkup
```

**Note:** "Database log mode" should be set to "No Archive Mode" now. Make sure that database can be restored. Check your database log mode with  
sqlplus '/ as sysdba'  
and "archive log list".  
Do not mix up "Database log mode" with "Automatic archival".

Database log mode disabled ?

- no  
 yes

**IMPORTANT:** Backup the upgrade root directory "/usr/sap/put" now. If you later on have to recover the database back to the current status, this directory must be restored also, to be able to restart the upgrade from this point.

- Backup done  
 exit

## Upgrade Assistant

```
ERROR: tp terminated with error status -1
       See logfiles with extension .ECO for details.
ERROR: 2 errors detected during XPRAS_UPG.
ERROR: 1 activities have been aborted in XPRAS_UPG.
ERROR: Operation(s) not completely processed.
       Remaining change requests found in buffer RCT.
       Ignoring aborted import steps will cause severe inconsistencies
       and will likely require a full repeat of the whole upgrade.
       !!! Do not manipulate the import buffer !!!
       Analyze summary error logfile XPRASUPG.ELG
       and remove all error conditions in the way
       it is described in the upgrade manual. Repeat
       this phase until it is error free.
       Additional hints may be given in logfiles
       SLOG700 and /usr/sap/put/log/SAPup.ECO
```

- Continue  
 Cancel

```
CHECKS AFTER UPGRADE PHASE XPRAS_UPG WERE NEGATIVE !!!
It is recommended that you repeat phase XPRAS_UPG
You can exit and restart the phase after the errors
have been corrected. Alternatively, if you know that
the error is not of concern, you may ignore it
and continue with phase RUN_XPRA_ACT
```

You are urged to repeat phase XPRAS\_UPG !

- repeat  
 init  
 exit  
 ignore



Xprasupg.elg



Xprasupg.sav

## Error

### Job Log Entries for RDDEXECL / 14043803

Date	Time	Message text	Message class	Message no.	Message type
10/10/2006	14:04:38	Job started	00	516	S
10/10/2006	14:04:38	Step 001 started (program RDDEXECL, variant , user ID DDIC)	00	550	S
10/10/2006	14:04:38	All DB buffers of application server fs1nsx05 were synchronized	PU	170	S
10/10/2006	14:11:46	ABAP/4 processor: SYNTAX_ERROR	00	671	A
10/10/2006	14:11:47	Job cancelled	00	518	A

Runtime Errors	SYNTAX_ERROR
Date and Time	10/10/2006 16:11:00
<b>Short text</b>	
Syntax error in program "SAPLSNR3 ".	
<b>What happened?</b>	
Error in the ABAP Application Program	
The current ABAP program "SAPLSBAL_TOOLBOX" had to be terminated because it has come across a statement that unfortunately cannot be executed.	
The following syntax error occurred in program "SAPLSNR3 " in include "LSNR3U01 " in line 40: "The type "BADI_NUMBER_GET_NEXT" is unknown." " " " " " "	
The include has been created and last changed by: Created by: "SAP " Last changed by: "SAP "	

Note # 980194, 963288

css # 963534 2006, 652465 2006, 914167 2006, 916001 2006

#### Solution

To solve the problem, call transaction SE80 and, in the SZN package under enhancements, generate the enhancement spot 'BADI\_NUMBER\_GET\_NEXT' (Menu: Enhancement Spot - Activate)

To prevent the problem, proceed in accordance with the general recommendations contained in the upgrade supplementary note 905029 to only use the most recent version of SAPup in combination with the most recent version of the fix buffer. Also note Notes 821032 und 813658. The problems has been fixed in the most recent versions and should therefore no longer occur.

Unlock the system

```
fslnsx05:rctadm 3> pwd  
/usr/sap/put/bin
```

```
fslnsx05:rctadm 4> tp unlocksys RCT pf=./TPPARAM
```

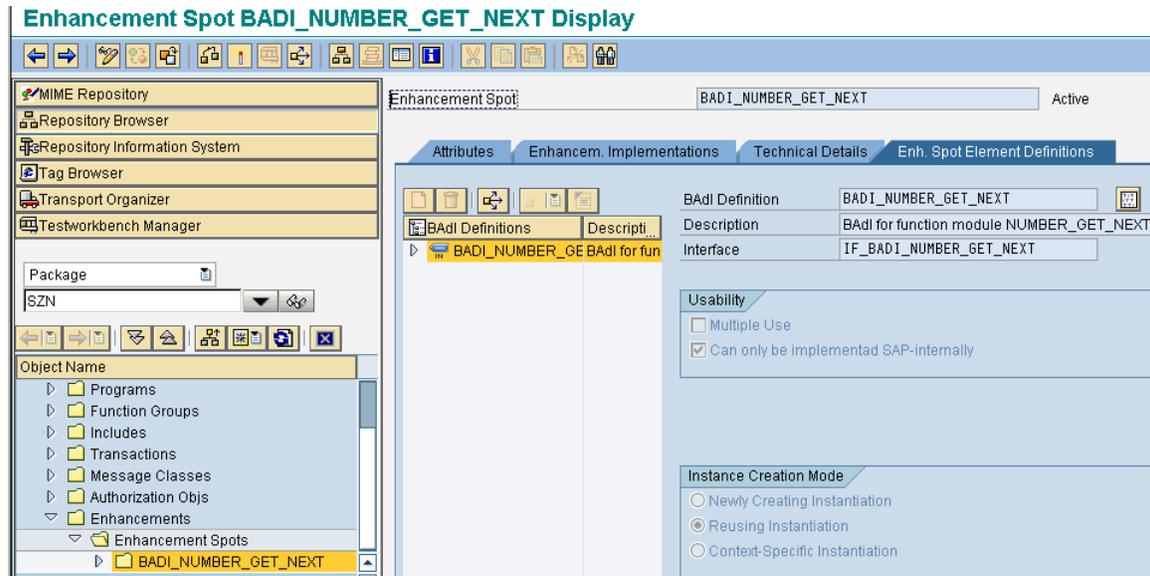
```
fslnsx05:rctadm 4> tp unlocksys RCT pf=./TPPARAM  
This is tp version 370.00.09 (release 700)  
Warning: Parameter INTERRUPT is no longer used.  
Warning: Parameter DAYLIGHT_SHUTDOWN is no longer used.  
Warning: Parameter WITH_TACOB is no longer used.  
Warning: Parameter IMPDP_BY_EVENT is no longer used.  
Warning: Parameter INTERRUPT is no longer used.  
Warning: Parameter DAYLIGHT_SHUTDOWN is no longer used.  
Warning: Parameter WITH_TACOB is no longer used.  
Warning: Parameter IMPDP_BY_EVENT is no longer used.  
Warning: Parameter DBNAME is no longer used.  
Warning: Parameter DBHOST is no longer used.  
Warning: Parameter DBCONFPATH is no longer used.  
Warning: Parameter STARTDB is no longer used.  
Warning: Parameter STOPDB is no longer used.  
tp finished with return code: 0  
meaning:  
  Everything OK  
fslnsx05:rctadm 5>
```

```
fslnsx05:rctadm 5> tp unlock_EU RCT pf=./TPPARAM
```

```
fslnsx05:rctadm 5> tp unlock_EU RCT pf=./TPPARAM  
This is tp version 370.00.09 (release 700)  
Warning: Parameter INTERRUPT is no longer used.  
Warning: Parameter DAYLIGHT_SHUTDOWN is no longer used.  
Warning: Parameter WITH_TACOB is no longer used.  
Warning: Parameter IMPDP_BY_EVENT is no longer used.  
Warning: Parameter INTERRUPT is no longer used.  
Warning: Parameter DAYLIGHT_SHUTDOWN is no longer used.  
Warning: Parameter WITH_TACOB is no longer used.  
Warning: Parameter IMPDP_BY_EVENT is no longer used.  
Warning: Parameter DBNAME is no longer used.  
Warning: Parameter DBHOST is no longer used.  
Warning: Parameter DBCONFPATH is no longer used.  
Warning: Parameter STARTDB is no longer used.  
Warning: Parameter STOPDB is no longer used.  
tp finished with return code: 0  
meaning:  
  Everything OK  
fslnsx05:rctadm 6>
```

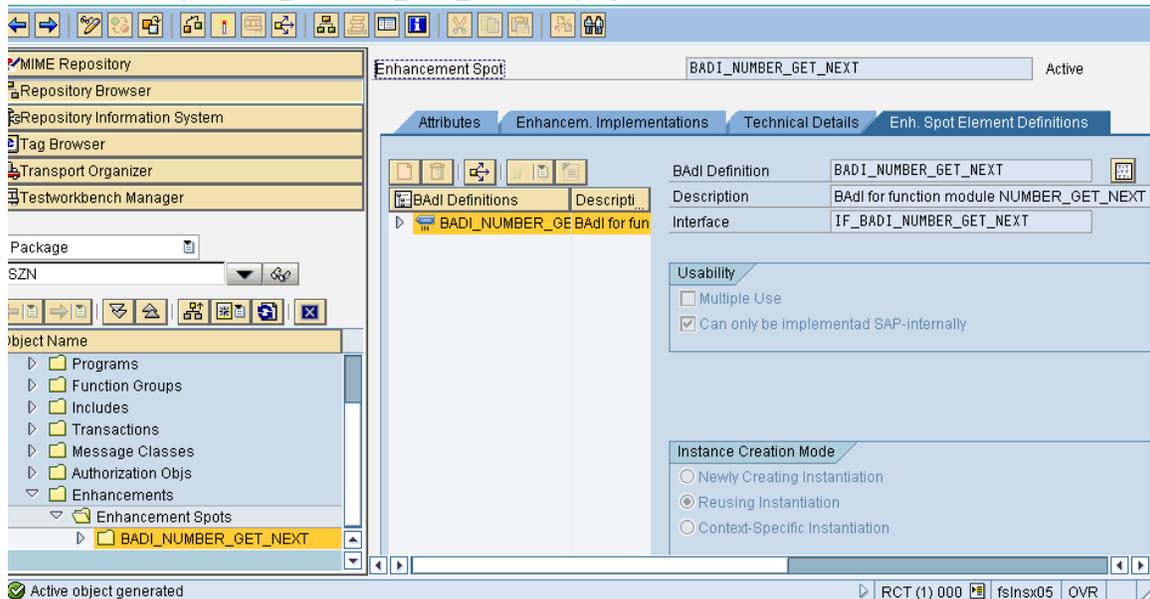
After unlock login to system other than DDIC and SE80.

Go to SE80, package SZN, enhancements -> Enhancementspot  
'BADI\_NUMBER\_GET\_NEXT' -> generate it.



Activate 

Enhancement Spot BADI\_NUMBER\_GET\_NEXT Display



```
ERROR: tp terminated with error status -1
      See logfiles with extension .ECO for details.
ERROR: 2 errors detected during XPRAS_UPG.
ERROR: 1 activities have been aborted in XPRAS_UPG.
ERROR: Operation(s) not completely processed.
      Remaining change requests found in buffer RCT.
      Ignoring aborted import steps will cause severe inconsistencies
      and will likely require a full repeat of the whole upgrade.
      !!! Do not manipulate the import buffer !!!
      Analyze summary error logfile XPRASUPG.ELG
      and remove all error conditions in the way
      it is described in the upgrade manual. Repeat
      this phase until it is error free.
      Additional hints may be given in logfiles
      SLOG700 and /usr/sap/put/log/SAPup.ECO
```

- Continue  
 Cancel

```
CHECKS AFTER UPGRADE PHASE XPRAS_UPG WERE NEGATIVE !!!
It is recommended that you repeat phase XPRAS_UPG
You can exit and restart the phase after the errors
have been corrected. Alternatively, if you know that
the error is not of concern, you may ignore it
and continue with phase RUN_XPRA_ACT
```

You are urged to repeat phase XPRAS\_UPG !

- repeat  
 init  
 exit  
 ignore

```
Note: For upgrade strategy Downtime-minimized the database log mode
      should be enabled now. Make a full backup
      of your database after archiving is enabled again.
      Check your database log mode with
      "sqlplus '/ as sysdba'" and "archive log list".
      Do not mix up "Database log mode" with
      "Automatic archival".
```

Database log mode enabled ?

- no  
 yes

Switch the Database mode to Archive enabled

```
SQL> archive log list
Database log mode           Archive Mode
Automatic archival         Enabled
Archive destination        /oracle/RCT/oraarch/RCTarch
Oldest online log sequence 10427
Next log sequence to archive 10430
Current log sequence        10430
SQL>
```

Note: For upgrade strategy Downtime-minimized the database log mode should be enabled now. Make a full backup of your database after archiving is enabled again. Check your database log mode with "sqlplus '/ as sysdba'" and "archive log list". Do not mix up "Database log mode" with "Automatic archival".

Database log mode enabled ?

- no
- yes

Note: All secondary application servers of SAP system RCT can be restarted now.

- continue
- exit

The upgrade descheduled all batch jobs when your upgrade began downtime. The right time to reschedule these batch jobs depends on your requirements. For this reason, the jobs are not automatically rescheduled by SAPup.

You can now reschedule the system's periodic batch jobs for the first time. To do this, start the report

```
*****  
* BTCTRS2 *  
*****
```

as user DDIC in Transaction SE38.

Continue  
 Cancel

Login to the system and execute BTCTRS2

### Transport: Release jobs with status "Descheduled due to upgrade"

Transport: Release jobs with status "Descheduled due to upgrade"

Jobs suspended due to upgrade were rescheduled

The upgrade descheduled all batch jobs when your upgrade began downtime. The right time to reschedule these batch jobs depends on your requirements. For this reason, the jobs are not automatically rescheduled by SAPup.

You can now reschedule the system's periodic batch jobs for the first time. To do this, start the report

```
*****  
* BTCTRS2 *  
*****
```

as user DDIC in Transaction SE38.

Continue  
 Cancel

INFO: Please refer to OSS note 823941 on how to use `installsapinit.sh` to setup automatic start of the SAP start service (`sapstartsrv`) during Operating system startup.

Continue  
 Cancel

Your SAP system contains only a few ABAP/4 loads at this time. It is recommended that you generate the most relevant ABAP/4 loads now.

Start transaction SGEN and select the load generation after an upgrade. Generation of the ABAP/4 loads is being done with help of a background job (for details press the INFO buttons in transaction SGEN).

Depending on the number of objects to be generated, the background job might run several hours. For this reason, it is very helpful to restrict the generation list to the components majorly used in your system. This select option of SGEN is activated by default.

If you plan to generate the ABAP/4 loads of all components, you have to consider the additional DB free space required to hold the loads. On database type ORACLE, the load tables are located in tablespace PSAPEL<rel>D and PSAPEL<rel>I. On database type INFORMIX, the equivalent DBspace is psapel<rel>. Typical space requirements are values of several 100 MBytes, an entire system generation needs approximately 2 GBytes free space.

Continue  
 Cancel

## SGEN needs to be scheduled

With the new release it is possible to use special security options for the message server. Details can be found in note 821875!

Continue  
 Cancel

Errors occurred during the upgrade that require revision:

It is strongly recommended to solve those problems before starting the productive operation of your SAP system !!  
Please consult the following file for detailed information:  
/usr/sap/put/log/LONGPOST.LOG

You might find it helpful to use the message class and the message number as a search index for obtaining relevant notes from the SAP Service Marketplace (e.g. search for keyword 'T6123').

phase names and number of problems that occurred in this phase:

XPRAS_UPG	40
JOB_RDDNTPUR	56

- Continue  
 Cancel

Long post log file →

\*\*\* WARNING \*\*\*

The user environment has been adapted to the new release. All processes with the old environment may not work anymore. Close all windows and stop all processes of user rctadm before you continue with the upgrade (this includes the restart of the Upgrade Assistant Server). If you are uncertain, please shutdown and restart the operating system. All profile templates and a backup of the old user profiles can be found in /usr/sap/put/exe/INSTALL. Did you restart all processes ?

- no  
 yes



\*\*\* WARNING \*\*\*

The user environment has been adapted to the new release. All processes with the old environment may not work anymore. Close all windows and stop all processes of user rctadm before you continue with the upgrade (this includes the restart of the Upgrade Assistant Server). If you are uncertain, please shutdown and restart the operating system. All profile templates and a backup of the old user profiles can be found in /usr/sap/put/exe/INSTALL. Did you restart all processes ?

- no  
 yes

### Restarted system r/3 and database



The following START modes are available:

- Repeat phase CHK\_POSTUP to continue the upgrade at the point it stopped.
- Initialize phase CHK\_POSTUP to restart this phase from the beginning.
- Initialize and run another upgrade phase (caution, refer to your installation guide).
- Exit this program.

- repeat  
 init  
 jump  
 exit

Errors occurred during the upgrade that require revision:

It is strongly recommended to solve those problems before starting the productive operation of your SAP system !!  
Please consult the following file for detailed information:  
/usr/sap/put/log/LONGPOST.LOG

You might find it helpful to use the message class and the message number as a search index for obtaining relevant notes from the SAP Service Marketplace (e.g. search for keyword 'T6123').

Phase names and number of problems that occurred in this phase:

XPRAS_UPG	40
JOB_RDDNTPUR	56

Continue  
 Cancel

Please choose 'exit' to leave SAPup in order to analyze the problems that are reported in file /usr/sap/put/log/LONGPOST.LOG

Or choose 'revision completed' to confirm that you already finished your checks and eliminated all problems.

NOTE: The upgrade can't be finished completely before you confirm the solution of the problems with the first option.

revision completed  
 exit

INFO concerning SPAU  
There are 785 development objects that have been imported by the upgrade, that you have also modified previously in your system RCT.  
Please continue with <CR> for further instruction.

Continue  
 Cancel

RESTART: upgrade stopped in phase SPAUINFO

- Continue  
 Cancel

The following START modes are available:

- Repeat phase SPAUINFO to continue the upgrade at the point it stopped.
- Initialize phase SPAUINFO to restart this phase from the beginning.
- Initialize and run another upgrade phase (caution, refer to your installation guide).
- Exit this program.

- repeat  
 init  
 jump  
 exit

INFO concerning SPAU

There are 785 development objects that have been imported by the upgrade, that you have also modified previously in your system RCT.

Please continue with <CR> for further instruction.

- Continue  
 Cancel

As SPAU modifications are adjusted by the customer go with “adjustments completed”

Besides the adjustments in transaction SPAU your upgrade is completed now and productive operation is possible. All SPAU activities can be performed without SSCR for a period of 14 days after you first entered this phase. Do not continue with SAPup if you plan to use the result of the adjustments for any subsequent SAP system. Exit now and restart SAPup, after SPAU has been finished.

- adjustments completed
- continue
- exit

Please decide which log files will be saved now!  
There are three possibilities each needing a different amount of disk space where the logs will be written

MODE	description	space requirement
all	all logs (recommended)	4486303 KBytes
normal	important logs only	198667 KBytes
none	no logs	0 KBytes
Free space:		1988360 KBytes
Archive Directory: /usr/sap/trans/upgrade/RCT/700		

- all
- normal
- none

ATTENTION: free space on archive disk too small!  
Not all files can be archived!  
If you want to insist on your decision either increase the size of the file system or do not worry about the error messages you'll get.

- normal
- none
- all

Note: Post-upgrade activities have to be performed. Please refer to the upgrade manual for the subsequent processing.

Examples for these activities are:

- Script saproot.sh
- Distributing the new kernel
- Report generation
- Checking the database mode
- Database backup

Continue  
 Cancel

1. Execute the following commands:

```
su - root
cd <upgrade directory>/exe
./saproot.sh <SAPSID>
exit
```

```
fslnsx05:root> pwd
/usr/sap/put/exe
fslnsx05:root> ./saproot.sh RCT

Preparing /usr/sap/RCT/SYS/exe/run/brbackup ...
Preparing /usr/sap/RCT/SYS/exe/run/brarchive ...
Preparing /usr/sap/RCT/SYS/exe/run/brconnect ...
Preparing /usr/sap/RCT/SYS/exe/run/brtools ...

Preparing saposcol ...

Preparing icmbnd ...

done
fslnsx05:root> █
```

Note: Post-upgrade activities have to be performed. Please refer to the upgrade manual for the subsequent processing.

Examples for these activities are:

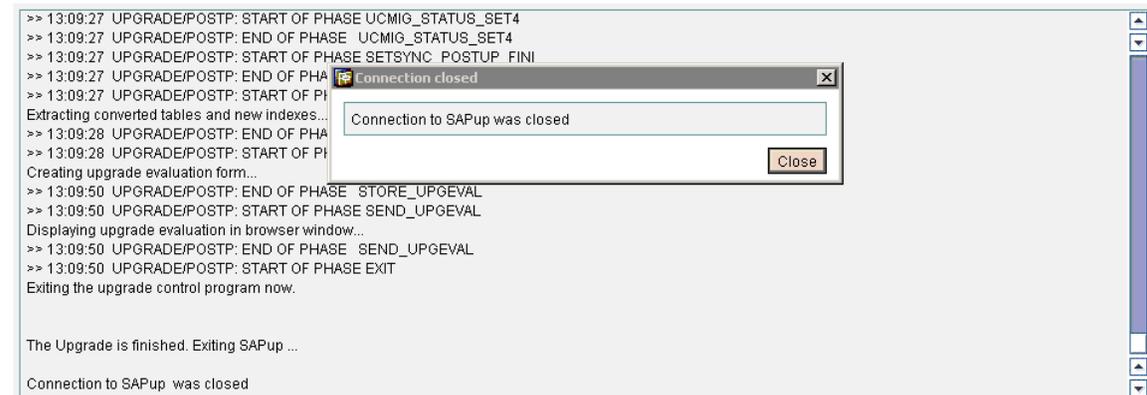
- Script saproot.sh
- Distributing the new kernel
- Report generation
- Checking the database mode
- Database backup

Continue  
 Cancel



## Upgrade Assistant

Current phase : EXIT



## Post up grade activities

```
fslnsx05:oract 10> pwd
/oracle/RCT/102_64/dbs
fslnsx05:oract 11> cp /sapmnt/RCT/exe/sapdba_role.sql .
fslnsx05:oract 12>
```

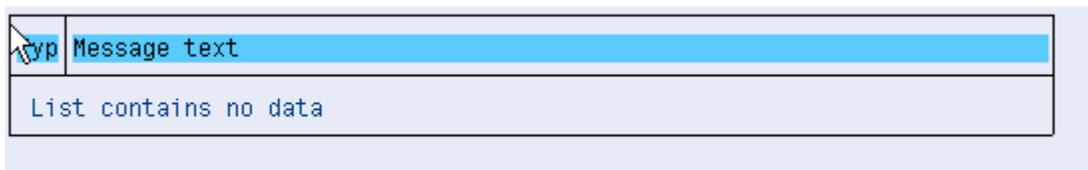
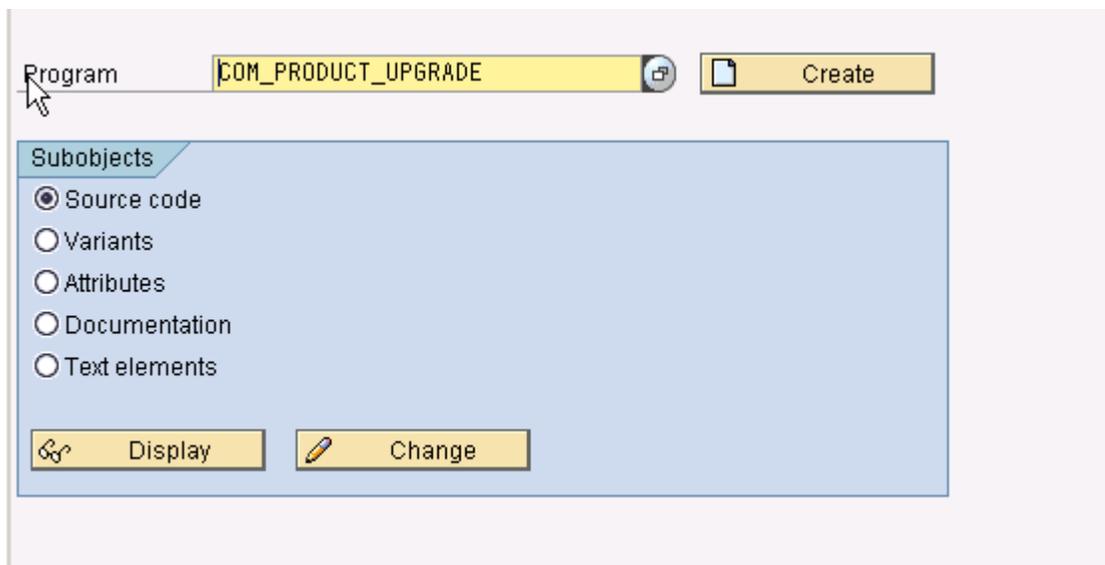
**sqlplus "/as sysdba" @sapdba\_role <SID> UNIX**

```
fslnsx05:oract 17> sqlplus "/as sysdba" @sapdba_role RCT UNIX
```

### Procedure

1. Make sure that all active servers (SAP instances) are started.
2. Make sure that you have the authorization S\_RZL\_ADM in the SAP system.
3. Call transaction RZ10.
4. Choose *Utilities* → *Import profiles* → *Of active servers*.
5. Choose *Utilities* → *Check all profiles* → *Of active servers*.  
If parameters are set incorrectly, a warning appears.
6. Check the parameters whose values differ from the default.  
You can use transaction RZ10 to display the parameters with their current settings and their default value.
  - a) On the initial screen of the transaction, choose *Goto* → *Profile values* → *Of a server*.
  - b) Double-click a server to display its settings.

### Run report COM\_PRODUCT\_UPGRADE



## 6.25 Rescheduling Background Jobs

1. Log on in client 000 as user DDIC.
2. Execute report BTCTRNS2.

transport: Release jobs with status "Descheduled due to upgrade"

There are no jobs suspended due to upgrade

Execute SMLT and post upgrade activities of the language import will be started automatically.