

Confidential Document

APPLIES TO:

Support Package Deployment

SUMMARY

This article explains how to apply the support package in the SAP System and in the Landscape.

AUTHOR:

K.VENKATA RAMU.

COMPANY:

WILLSYS INFOSYSTEMS Pvt. Ltd.,

CREATED ON:

1st November 2011.





SUPPORT PACKAGES (SPAM)

Support Packages are applied to the system for the following reasons

- 1. When ever there is a bug/security issue SAP releases a note (or) a patch (or) package (or) support stacks.
- 2. Note /patch is a small correction to the programs without any keys (Capable of modifying programs) which is applied through Transaction Code "SNOTE".
- 3. Notes/Patches are grouped as packages and packages are grouped as support stack.
- 4. Patches can be applied during an OS/DB/R3 Upgrade .They can also be applied for maintaining the systems as per SAP maintenance schedule.

PRE-REQUISITES:

The following pre-requisites needs to be checked before applying support packages gin to (000' client with 1.1

•		Login to '000' client with user like DDIC
	SAP	
	New password	
	Client	000
	User	sapuser
	Password	
	Language	
•		Download the composite note from SAP Market Place
	(www.service	e.sap.com/notes) with search criteria "Known problems related to support

packages" version 620/640/700/710/720 (822379). Navigate to the URL <u>www.service.sap.com/notes</u>



Confidential Document

In search term 'known problems related to support packages' \rightarrow click on search

🔇 🖂 C 🗙 🏠 🔤 sap-ag.de	https://websmp104.sap-ag.de/notes				z	🗘 👻 💽 🖉 MyStar	t Search
Cading	<u>e</u>						
	Welcome, K Manjulatha					Search	📀 Advar
	my Profile my Inbox my Favorites					Quick Links Sitemap	Glossary FAQs A
HOME Help & Support Software Downloads	Keys & Requests Data Administration	Maintenance & Services	SAP Solution Manager	Release & Upgrade Info	Knowledge Exchange		
SAP xSearch Search for SAP Notes Report	a Product Error Connect to SAP SAP	BusinessObjects Support	Look up Support Center	Addresses			
	Search for SAP Notes and SAP K	nowledge Base Articles					Add t
 Search for SAP Notes and SAP Knowledge Base Articles 							
SAP HotNews - Priority 1 SAP Notes	SAP NOTES SEARCH						🔽 What
 SAP Security Notes 	-						
 SAP Legal Change Notes 	SAP BusinessObjects Notes ar	e now SAP Knowledge Ba	se Articles.				1. m. t
 SAP TopNotes 	These SAP Knowledge Base Articles	s cover both SAP and SAP Bu	sinessObjects products. :	5AP Knowledge Base Article	s are marked with an ast	erisk (*) in your search	results. Find out more.
 SAP BusinessObjects Notifications 							
 Side-Effects of SAP Notes 						N	umber
Media Library	Count actions						
 Note Assistant 	Jean Tamplata	no template used				I oad Templ	ate
Learning Map	l	no cempiace used				Loud rempt	occ
 Support Enabling Sessions 	Language	🔍 German 🤨	English 🔍 Japanese				
	Search Term	Known problems r	elated to support packag	ges		Search	
Quick Link Information	Search Method 🚺	All Terms (AND)				•	
Access this topic directly at http://service.com/potes	Search Range 📴	All				-	
	Search behavior	Linguistic sear	ch C Exact search				

Select the '822379' note and click on download

<u>Ranking</u>	Application Area	Number	Short text	<u>Released On</u>
1. 0.440	BC-UPG-OCS	400280	OCS: Known problems with Support Pkgs in Basis Release 6.10	19.05.2006
2. 0.440	SRM-EBP	437284	SAPKU30005: Support Package 5 for EBP 3.0/CRM 3.0	18.12.2001
3. 0.410	BC-UPG-OCS	822379	Known problems with Support Packages in SAP NW 7.0x AS ABAP	14.09.2011
4. 0.400	IS-HT-SW	170144	IS-SW Rel 2.0 and R/3 4.5B Add On Support Packages	10.06.2005
5. 0.400	BC-UPG-OCS	954792	Known problems with Support Packages in SAP NW 7.1 AS ABAP	06.01.2011
6. 0.400	BC-UPG-OCS	782140	OCS: Known problems with Support Packages in Basis Rel. 6.20	06.01.2011
7. 0.400	BC-UPG-OCS	672651	OCS: Known problems with Support Packages in Basis Rel.6.40	06.01.2011
8. 0.390	IS-M	125513	CRTs for IS-Media (IS-M)	01.09.2006
9. 0.380	SCM-TEC	448518	APO Support Package 17 for APO Release 3.0A	05.07.2002
10. 0.380	BC-CTS-CCO	35415	CC-TOPIC: Memory space analysis / Test run	20.05.2005
	1	2 3	4 5 6 7 8 9 10 ▶ ▶	

•

Ensure that we have enough space in the database

Execute "DB02" check the size of each table space and ensure that each one below 90%

(or) Using BRTOOLS \rightarrow 2 \rightarrow 7 \rightarrow 1 \rightarrow c \rightarrow c \rightarrow c

Memory Managen	Mentory Management. Tablespaces									
🔇 Tab/Ind 😽 History of 1	tablesp. Storage manageme	ent 🔍 Freespac	e analysis 🛛 🗆	ata files / Tem	np files Criti	cal tables/ind.				
1 11 2011 14-42-28 DEV willsvsdev										
Tablespace status										
vate/time of this analysis: 01.11.2011 07:30:44										
, i i i i i i i i i i i i i i i i i i i				_						
Tablespace	Size (kb)	Free (kb)	Used (%)	Tab/ind	Extents	AutoExt (kb)	Used (%)	Status	Backup	
PSAPSR3	40,960,000	11.357.376	72	151.132	170.421	204.800.000	14	ONLINE	NOT ACT	
PSAPSR3700	38.891.520	15.616	99	860	8.638	163.840.000	24	ONLINE	NOT ACT	
PSAPSR3USR	20.480	18.496	9	30	30	10.240.000	0	ONLINE	NOT AC	
PSAPTEMP	2.048.000	2.048.000	0	0	0	10.240.000	0	ONLINE	NOT ACT	
PSAPUNDO	5.120.000	5.049.024	1	10	81	10.240.000	1	ONLINE	NOT ACT	
SYSAUX	204.800	16.512	91	801	1.501	10.240.000	2	ONLINE	NOT ACT	
SYSTEM	819.200	10.752	98	1.204	2.682	10.240.000	8	ONLINE	NOT ACT	
Total	88.064.000	18.515.776	78	154.037	183.353					

Page 3 of 39.

WILLSYS INFOSYSTEMS Pvt. Ltd.,



Run	? 🗙
	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	BRTOOLS
	OK Cancel <u>B</u> rowse

Confidential Document



Standard keys: c - cont, b - back, s - stop, r - refr, h - help BR0662I Enter your choice:
2
BR0280I BRT00LS time stamp: 2011-11-01 14.44.29
BR06663I Your choice: '2'
BR0280I BRT00LS time stamp: 2011-11-01 14.44.29
BR0656I Choice menu 5 - please make a selection Database space management
1 = Extend tablespace
2 - Create tablespace
3 - Drop tablespace
4 - Alter tablespace
5 - Alter data file
7 - Additional space functions
8 - Reset program status
Standard keys: c - cont, b - back, s - stop, r - refr, h - help
BR0662I Enter your choice:



Confidential Document

elect D:\usr\sap\DEV\SYS\exe\uc\NTI386\BRTOOLS.exe _ 🗆 × Additional space functions Reset program status 8 – Standard keys: c - cont, b - back, s - stop, r - refr, h - help BR0662I Enter your choice: . BR0280I BRTOOLS time stamp: 2011-11-01 14.44.44 BR0663I Your choice: '7' BR0280I BRTOOLS time stamp: 2011-11-01 14.44.44 BR0656I Choice menu 6 - please make a selection Additional database space functions Show tablespaces
 Show data files
 Show redolog files
 Show control files
 Show disk volumes Standard keys: c - cont, b - back, s - stop, r - refr, h - help BR0662I Enter your choice: Select D:\usr\sap\DE¥\SYS\exe\uc\NTI386\BRTOOLS.exe BRSPACE profile (profile) Database user/password (user) .. Database instance (instance) ... Database parameter (parameter). Database tablespace (tablespace) Database tile (file) Database index (index) Create log file (log) Create log file (log) Extended output (output) Scrolling line count (scroll) ... BRSPACE command line (command) [initDEV.sap] [/] 123456789 # # #### 10 [no] [yes] Ħ [no] [20] [E] 13 [-p initDEV.sap -s 20 -l E -f dbshow -c 15 tsinfol Standard keys: c – cont, b – back, s – stop, r – refr, h – help <u>B</u>R0662I Enter your choice: Select D:\usr\sap\DEV\SYS\exe\uc\NTI386\BRTOOL5.exe _ 🗆 🗡 Create log file (log)
Confirmation mode (confirm)
Extended output (output)
Scrolling line count (scroll)
Message language (language)
BRSPACE command line (command) 10* no l [yes] 12 [no] [20] [E] 13 $\frac{14}{15}$ [-p initDEV.sap -s 20 -1 E -f dbshow -c tsinfol \$tandard keys: c - cont, b - back, s - stop, r - refr, h - help BR0662I Enter your choice: BR0280I BRTOOLS time stamp: 2011-11-01 14.45.06 BR0663I Your choice: 'c' BR0259I Program execution will be continued... BR0291I BRSPACE will be started with options '-p initDEV.sap -s 20 -l E -f dbsho -c tsinfo BR0280I BRTOOLS time stamp: 2011-11-01 14.45.06 BR0670I Enter 'c[ont]' to continue, 'b[ack]' to go back, 's[top]' to abort:

Page 5 of 39.

WILLSYS INFOSYSTEMS Pvt. Ltd.,



Confidential Document

Select D:\usr\sap\DE¥\SYS\	exe\uc\NTI386	BRTOOLS.exe					
							_
1 – PSAPSR3	DATA	ONLINE	LOCAL	AUTO	NO	20/20	
40960000	/2.28	11354816	20480	10000	87961600	12	819
2000+:8192000+:819	2000+:81	92000+:819	2000+		МО	10110	
2 - PSHPSR3700 29912000			LUCHL 1699/		NU 97961600	TPLTP	700
30712000	27.77 27.900±.78	27 27 27 280 TTT20	10304	10000	07301000	o	100
3 - PSAPSR3USR	DATA		1000	AUTO	NO	1/1	
20480	9.69	18496	1024	.0000	10219520	1	1021
9520+:18496:0:0:0							
4 – PSAPTEMP	TEMP	ONLINE	LOCAL	MANUAL	NO	1/1	
2048000	0.00	2048000	1024	0000	8192000	Ø	819
2000+:0:0:0:0							
5 - PSAPUNDO	UNDO	ONLINE	LOCAL	MANUAL	NO	1/1	E10
		5119936	1024	10000	5120000	121	512
	0704:2897 DOTO			ουτο	МО	1 / 1	
206800	02 50		LUCHL 102/	- HUTU :0000	10035200	1/1 ¹	1003
5200+-15360-0-0	22.00	10000	1024	10000	10000200	–	1000
7 - SYSTEM	DATA	ONI TNE	LOCAL	MANHAI	NO	1/1	
819200	98.69	10752	1024	0000	9420800	2	942
0800+:10176:576:0:	0						
Standard keys: c -	cont, b	– back, s	- stop,	r – refr	, h - help		
BR0662T Enter your	selecti	on:					

Increase all the Tablespaces which are above 90%.

Execute brools $\rightarrow 2 \rightarrow 1 \rightarrow 3$ (Specify Tablespace Name) $\rightarrow c \rightarrow c \rightarrow c$

Run ? X						
Type the name of a program, folder, document, or Internet resource, and Windows will open it for you. Open: Image: Cancel Browse						
🔤 Select D:\usr\sap\DEV\SYS\exe\uc\NTI386\BRTOOLS.exe						
BR0651I BRTOOLS 7.00 (51)						
BR0280I BRTOOLS time stamp: 2011-11-01 23.36.26 BR0656I Choice menu 1 - please make a selection						
BR*Tools main menu						
1 = Instance management 2 - Space management 3 - Segment management 4 - Backup and database copy 5 - Restore and recovery 6 - Check and verification 7 - Database statistics 8 - Additional functions 9 - Exit program						
Standard keys: c - cont, b - back, s - stop, r - refr, h - help						
BR0662I Enter your choice: 2_						



PPORT PACKAGE DEPLOYMENT	Confidential Document
CX Select D:\usr\sap\DEV\SYS\exe\uc\NTI386\BRTOOLS.exe	
2 BR0280I BRTOOLS time stamp: 2011-11-01 23.36. BR0663I Your choice: '2'	45
BR0280I BRTOOLS time stamp: 2011-11-01 23.36. BR0656I Choice menu 5 - please make a selecti	45 on
Database space management	
<pre>1 = Extend tablespace 2 - Create tablespace 3 - Drop tablespace 4 - Alter tablespace 5 - Alter data file 6 - Move data file 7 - Additional space functions 8 - Reset program status</pre>	
	r - refr, h - help
BR06621 Enter your choice: 1_	
Select D:\usr\sap\DEY\SYS\exe\uc\NTI386\BRTOOLS.exe	
8 - Reset program status	
Standard keys: c - cont, b - back, s - stop, r -	- refr, h - help
BR0662I Enter your choice: 1	
BR0280I BRTOOLS time stamp: 2011-11-01 14.47.03 BR0663I Your choice: '1'	
BR0280I BRTOOLS time stamp: 2011-11-01 14.47.03 BR0657I Input menu 81 - please enter/check input	values
BRSPACE options for tablespace extension	
<pre>1 - BRSPACE profile (profile) [initDEV.s 2 - Database user/password (user) [/] 3 ~ Tablespace name (tablespace) [] 4 - Confirmation mode (confirm) [yes] 5 - Scrolling line count (scroll) [20] 6 - Message language (language) [E] 7 - BRSPACE command line (command) . [-p initDE</pre>	sap] EV.sap -s 20 -1 E -f tsextend]
Standard keys: c - cont, b - back, s - stop, r -	- refr, h - help
BR0662I Enter your choice:	
3 BR0280I BRTOOLS time stamp: 2011-11-01 14.47.16	
BR06631 Your choice: '3' BR0681I Enter string value for "tablespace" []: SYSTEM_	- I



Confidential Document

Select D:\usr\sap\DEV\SYS\exe\uc\NTI386\BRTOOLS.exe _ 🗆 🗡 BR0683I New value for "tablespace": SYSTEM • BR0280I BRTOOLS time stamp: 2011-11-01 14.47.29 BR0657I Input menu 81 - please enter/check input values BRSPACE options for tablespace extension BRSPACE profile (profile)
 Database user/password (user) ...
 Tablespace name (tablespace) ...
 Confirmation mode (confirm)
 Scrolling line count (scroll) ...
 Message language (language)
 BRSPACE command line (command) [initDEV.sap] [/] [SYSTEM] 123. [yes] [20] [E] [-p initDEV.sap -s 20 -1 E -f tsextend -t SŸSTEMÏ Standard keys: c - cont, b - back, s - stop, r - refr, h - help BR0662I Enter your choice: BR0280I BRTOOLS time stamp: 2011-11-01 14.47.36 BR0663I Your choice: 'c' BR0259I Program execution will be continued... BR0291I BRSPACE will be started with options '-p initDEV.sap -s 20 -1 E -f tsext end -t SYSTEM' BR0280I BRTOOLS time stamp: 2011-11-01 14.47.36 BR0670I Enter 'c[ont]' to continue, 'b[ack]' to go back, 's[top]' to abort: Select D:\usr\sap\DEV\SYS\exe\uc\NTI386\BRTOOLS.exe _ 🗆 🗙 * 5 [800]



Confidential Document

_ 🗆 🗵

 Select D:\usr\sap\DEV\SYS\exe.uc/\MT1306\URTOOLS.exe

 BR06662I Enter your choice:

 c

 BR0280I BRSPACE time stamp: 2011-11-01 14.47.57

 BR0259I Program execution will be continued...

 BR1049W Not enough free space in D:\oracle\DEV\sapdata1 for total maximum size o

 f all database files of tablespace PSAPSR3 located on this disk volume, missing

 at least 74976.476 MB

 BR1049W Not enough free space in D:\oracle\DEV\sapdata1 for total maximum size o

 f all database files of tablespace PSAPSR3 located on this disk volume, missing

 at least 74976.476 MB

 BR0668I Warnings or errors occurred - you can continue to ignore them or go back

 to repeat the last action

 BR0280I BRSPACE time stamp: 2011-11-01 14.47.58

 BR0280I BRSPACE time stamp: 2011-11-01 14.48.03

 BR0257I Your reply: c'

 BR0259I Program execution will be continued...

 BR1091I Next data file can be specified now

 BR0675I Do you want to perform this action?

 BR0675I Do you want to perform the action, 'n[o]/c[ont]' to skip it, 's[top]' to abort:

 c

 BR02801 BRSPACE time stamp: 2011-11-01 14.48.03

 BR0257I Vour reply: c'

 BR0280I BRSPACE time stamp: 2011-11-01 14.48.03

 BR0259I Program execution will be continued...

 BR0

Select D:\usr\sap\DEV\SY5\exe\uc\NTI386\BRTOOLS.exe

BR0280I BRSPACE time stamp: 2011-11-01 14.48.14 BR0319I Control file copy created: D:\oracle\DEV\sapreorg\sehcwili\CNTRLDEV.OLD 12664832 BR0280I BRSPACE time stamp: 2011-11-01 14.48.14 BR0370I Directory D:\oracle\DEV\sapdata1\system_2 created BR0280I BRSPACE time stamp: 2011-11-01 14.48.14 BR1088I Extending tablespace SYSTEM... BR0280I BRSPACE time stamp: 2011-11-01 14.48.27 BR1016I SQL statement '/* BRSPACE */ alter tablespace SYSTEM add datafile 'D:\or acle\DEV\sapdata1\system_2\system.data2' size 800M autoextend on next 20M maxsiz e 10000M' executed successfully BR105II Tablespace SYSTEM extended successfully with file: D:\oracle\DEV\sapdata I\system_2\system.data2 800M BR0280I BRSPACE time stamp: 2011-11-01 14.48.27 BR0340I Switching to next online redo log file for database instance DEV ... BR0321I Switch to next online redo log file for database instance DEV successful BR0280I BRSPACE time stamp: 2011-11-01 14.48.30 BR0280I BRSPACE time stamp: 2011-11-01 14.48.30 BR0280I BRSPACE time stamp: 2011-11-01 14.48.30 BR0319I Control file copy created: D:\oracle\DEV\sapreorg\sehcwili\CNTRLDEV.NEW 12664832 BR0280I BRSPACE time stamp: 2011-11-01 14.48.30 BR0280I BRSPACE time s

Like that increase the size to all the tables which are more than 90%



Confidential Document

D:\usr\sap\DE¥\SY5\exe\uc\NTI386\BRTOOLS.exe			
Pos. Tablespace Type Status ExtMan.	SegMan. Backup	Files/AuExt.	
Total[KB] Used[%] Free[KB] MaxSize	ExtSize[KB] ExtSize[KB]] FreeExt.	Lar
gest[KB]			
		00.000	
I = PSHPSKJ DHTH UNLINE LUUHL	HUTU NU 1000 70017000	20/20	010
40700000 72.20 11334010 204000 2000+.0102000+.0102000+.0102000+.0102000+	1000 72514000	12	019
2 - DSODSD3700 - 0132000+.0132000+.0132000+		18/18	
51589120 75 /1 12688128 18/320	IAAA 7231688A	10/10	788
4800+:7884800+:7884800+:7884800+:7864320+	12014000	12	100
3 - PSAPSR3USR DATA ONLINE LOCAL	AUTO NO	1/1	
20480 9.69 18496 10240	000 10219520	1	1021
9520+:18496:0:0:0			
4 – PSAPTEMP TEMP ONLINE LOCAL	Manual No	1/1	
2048000 0.00 2048000 10240	1000 8192000	0	819
2000+:0:0:0:0			
5 - PSAPUNDO UNDO ONLINE LOCAL	MANUAL NO	1/1	EIO
	1000 5120000	121	512
		<u> </u>	
0 - 3Y3HUA DHTH UNLINE LUCHL 2050000 0/1 2062206 20000	HUTU INU 1000 10007000	212	1000
		Z	TOO2
7 - SVSTEM DATA ONITNE LOCAL		2/2	
1638600 69.35 829888 20680	18861600	272	962
0800+:9420800+:819136:10176:576	10041000	0	74C
Standard keys: c - cont, b - back, s - stop, r	- refr, h - hel	р	
BR06621 Enter your selection:			_
			_

Memory Management: Tablespaces

🕄 Tab/ind 🗑 History of tablesp. Storage management 🕄 Freespace analysis Data files / Temp files Critical tables/ind.

01.11.2011 15:00:20 DEV willsysdev Tablespace status

Date/time of this analysis: 01.11.2011 15:00:03									
Tablespace	Size (kb)	Free (kb)	Used (%)	Tab/ind	Extents	AutoExt (kb)	Used (%)	Status	Backup
PSAPSR3 PSAPSR3700 PSAPSR3USR PSAPTEMP PSAPUNDO SYSAUX SYSTEM	40.960.000 51.589.120 20.480 2.048.000 5.120.000 2.252.800 1.638.400	11.354.816 12.688.128 18.496 2.048.000 5.022.400 2.063.296 829.888	72 75 9 0 1 8 49	151.132 860 30 0 10 801 1.204	170.431 8.668 30 0 107 1.519 2.682	204.800.000 184.320.000 10.240.000 10.240.000 10.240.000 20.480.000 20.480.000	14 21 0 1 1 1 4	ONLINE ONLINE ONLINE ONLINE ONLINE ONLINE ONLINE	NOT ACT NOT ACT NOT ACT NOT ACT NOT ACT NOT ACT NOT ACT
Total	103.628.800	34.025.024	67	154.037	183.437				



Confidential Document



Ensure that SPAM/SAINT Tool is updated.

(Below is the procedure to update the SPAM/SAINT Tool)

Copy the .SAR file into trans Directory



Uncar the SAR file by using command SAPCAR -xvf <filename.SAR>

Run	? ×
	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	
	OK Cancel <u>B</u> rowse



Confidential Document



🗁 D:\usr\sap\trans\EPS\in					×
<u>Eile E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> o	ols <u>H</u> elp			4	7
🔇 Back 👻 🕥 👻 🏂 🔎 Search	n 🜔 Folders 🛛 🔯 🍞 🗙 🎙	9			
Address 🛅 D:\usr\sap\trans\EPS\in	I			💌 🔁 G	0
Name 🔺	Size Type	Date Modified	Attributes		
C5N0120061532_0049363.PAT	5,084 KB PAT File	2/10/2011 8:16 PM	А		
1					



Confidential Document

Execute Transaction Cod	le SPAM"→			
Menu Edit Favorites Extras System He	ilp			SAP
	60 🚳 巨 🕅 🛤 20 .	¹℃₊℃≴℃∣∭ ≥∣@		
	🗸 🔺 🚺 🚱 Create role	Assign users	& Documentation	
Favorites				
▼ SAP menu ▷ Office ▷ Cross-Application Components ▷ Cogistics ▷ Accounting ▷ Human Resources		K		
 ▷ ☐ Information Systems ▷ ☐ Tools 				
			A Constant of Cons	
Check the patch level of	the present SE	ΛΜ/ςΛΙΝΤ	tool is 21	- V/.
	the present SI		1001 15 21	
Support Package Edit Goto Extras Utiliti	es(M) Environment System	m <u>H</u> elp Marine Marine I. (6)		
			Ø 48	
	rersion 7.00/0021			
Queue	🌮 Display/define			
Directory New Support Packages	Status			
O Aborted Support Packages O Imported Support Packages O All Support Packages	No queue has been define SPAM status: CC	ed Do		
🞸 Display	🖧 Package level			
				4

Page 13 of 39.

WILLSYS INFOSYSTEMS Pvt. Ltd.,



Confidential Document

Navigate to support Packages \rightarrow Load packages \rightarrow From Application Server	•
Support Package Edit Goto Extras Utilities/M) Environment System Help	SAP
C Load packages From Front End	
Import SPAM/SAINT Update From Application Server	
Import gueue Shift+F7	
Confirm Shift+F6	
Exit Shift+F3	
Queue 🦅 Display/define	
Directory Status	
New Support Packages	
O Aboned Support Packages No queue has been defined	
ශ්ය Display ශ්ය Package level	
	4 //
Start 🛛 💯 🧶 🗍 🔚 Support Package Man 🔤 D:\usr\sap\DEV\SYS\exe 🔤 spsspam).doc - Microsoft	🔄 📆 💭 😏 3:04 PM
🔄 SPAM: Confirm upload 🛛 🛛 🗹	
Path of EPS inbox: \\willsvsdev\sapmnf\trans\EPS\in	
Do you want to upload OCS Packages from the EPS inbox?	
Yes No	

Click on "Yes" \rightarrow



UPPORT PACKAGE DEPLOYMENT	Confidential Document
z List Edit Goto Settings System Help	
	Sec. 1
PAM: Uploading Packages from the File System	
CS File Name Package Result RC Message Text SN0120061532_0049363.PAT SAPKD70042 CO 0000 Uploaded successfully	
	٩ //

Click on "Back" button \rightarrow



Confidential Document

Click on load packages-	\rightarrow Import SPAM/SAINT Update \rightarrow	
© Support Package Edit Goto Extras Utilit	ies(M) Environment System <u>H</u> elp	
C Load packages	2 😵 🗅	
S Import SPAM/SAINT Update	Version 7.00/0021	
Confirm Shift+F6		
Exit Shift+F3		
Queue	Display/define	
Directory /	Status	
New Support Packages		
O Aborted Support Packages	No queue has been defined	
O All Support Packages		
Co. Diselas		
ogr Display	00. Lankade level	
		٩ <i>///.</i>
🛃 Start 📙 🚱 🥭 🚽 👫 Support Package 1	Man 🔤 D:\usr\sap\DEV\SYS\exe 📃 🔤 spsspam).doc - Microsoft	🅞 🔂 🥵 🖓 🚱 3:06 PM
🖻 SPAM: Import: SPAM up	date	⊠ ∕
The SPAM/SAINT u	ndate SAPKD70042 is being imported	
	sales of the to being imported.	
To avoid known p	roblems, read SAP Note <mark>8</mark> 22379 "Know	n problems with
Support Packages	in SAP NW 2004s AS ABAP".	
✓ Gr Note 🗶		

Before Click on ok button Read the Note (822379) and click on "ok" Button \rightarrow



|--|

Confidential Document

Support Package Edit Goto Extras Utiliti Support Package Manager - \	es(M) Environment System Help	
Queue	🌮 Display/define	
Directory New Support Packages O Aborted Support Packages O Imported Support Packages O All Support Packages <u> </u>	Status SPAM/SAINT update is being processed SPAM status: CO Current action: SPAM update import	
EXECUTION OF REPORTS AFTER PUT		DEV (1) 000 🖻 willsysdev OVR

Note:-If you get any error in "EPILOGUE" phase again import by using support packages \rightarrow import SPAM/SAINT update \rightarrow



Click on "ok" Button \rightarrow



Confidential Document

Again execute transacti	on code SPAM \rightarrow		
Menu Edit Favorites Extr <u>a</u> s System	Help		SAP
SPAM 🗈 🖣 🔛	<u>2</u> 2 2 2 4 4 6 4 4 1 8 9 2 4	🐹 🖉 🕲 📲	
SAP Easy Access			
🔄 🔄 🏹 🚠 Other menu	🦉 🔽 🔺 🔓 Create role 👘 🚳 As	sign users 🛃 Documentation	
Favorites Favorites Favorites Grace Cross-Application Components Cogistics Accounting Human Resources Office Tools			
	044 044	Billion and States and	
		DEV	(1) 000 🖻 willsysdev OVR 🛛 🎢
Support Package Edit Goto Extras U	lilties(M) Environment System Help 译 @ @ ! 그 讲 많 ! & 化 化 &		
Support Package Manager	Version 7.00/0042		
Queue	🌮 Display/define		
Directory New Support Packages Aborted Support Packages Imported Support Packages All Support Packages	Status No queue has been defined SPAM status:		
୍ୟି Display			
		DEV	(1) 000 🖭 willsysdev OVR 🛛 🦯

SPAM/SAINT Tool is updated successfully to patch level 42



1 / 7 2

Confidential Document

Ensure that tp (Transport Protocol), SAPCAR and R3trans are

<ernel information<="" th=""><th></th><th>Database information</th><th></th></ernel>		Database information	
Kernel release	700	DB client lib.	OCI_10201_SHARE
Compilation	NT 5.0 2195 Serv…	DB releases	ORACLE 10.1.0.*
Sup.Pkg IvI.	291	DBSL version	700.08
ABAP Load	1563	DBSL Patch Level	290
CUA load	30		
Mode	opt		
Rsyn file		System information	
		IP address	192.168.100.151
		SAP versions	700
		Operating System	Windows NT 5.0, …
		OP release	5.2
		OP release	5.2

Kernel is upgraded successfully

•

- Patch should be applied in the sequence of numbers $(1, 2, 3, 4, \ldots)$.
- No jumping between patches is allowed.
 - Patches should be applied in the sequence of support packages
- SAP_BASIS, SAP_ABAP, SAP_BW, SAP_AP, SAP_APPL, SAP_HR.

	Before importing any support package check the pre-requisites
and dependencies.	

and dependence	es.		
Package Edit Goto Extras Vie	w System Help		
	·□···································	🕱 🔁 😰 📑	
OCS Package Directory	/: All Packages		
	Rackage Attributes I Link III Legend	1	
OCS packages available for this system	Description	Stat Import Status	
🗢 🗃 SAP_ABA	Cross-Application Component		·
SAPKA70001	ABA Support Package 01 for 7.00	COC Imported on 19.05.2005 at 13:46:0	8 🔻
SAPKA70002	ABA Support Package 02 for 7.00	CCC Imported on 15.06.2005 at 15:57:4	5
SAPKA70003	ABA Support Package 03 for 7.00	COD Imported on 07.07.2005 at 15:57:4	5
D SAPKA70004	ABA Support Package 04 for 7.00	CCB Imported on 08.02.2006 at 10:06:0	0
D SAPKA70005	ABA Support Package 05 for 7.00	CCC Imported on 08.02.2006 at 10:06:0	1 📃
APKA70006	ABA Support Package 06 for 7.00	CCB Imported on 08.02.2006 at 10:06:0	2
D SAPKA70007	ABA Support Package 07 for 7.00	CCC Imported on 03.07.2006 at 11:25:5	6
APKA70008	ABA Support Package 08 for 7.00	CCB Imported on 03.07.2006 at 11:25:5	7
🗢 🍘 SAPKA70009	ABA Support Package 09 for 7.00	CCC Imported on 12.09.2006 at 12:23:5	1
Prerequisite set 01			
SAP_ABA,700		×	
SAPKA70008		✓	
SAPK870009		✓	
SAP_BASIS	SAP Basis Component		
SAPKB70001	Basis Support Package 01 for 7.00	CCC Imported on 19.05.2005 at 11:40:4	6
SAPKB70002	Basis Support Package 02 for 7.00	CCC Imported on 15.06.2005 at 15:48:0	4
SAPKB70003	Basis Support Package 03 for 7.00	CCC Imported on 07.07.2005 at 15:48:0	4
SAPKB70004	Basis Support Package 04 for 7.00	CCB Imported on 08.02.2006 at 09:25:5	8
APKB70005	Basis Support Package 05 for 7.00	CCB Imported on 08.02.2006 at 09:25:5	9
SAPKB70006	Basis Support Package 06 for 7.00	CCB Imported on 08.02.2006 at 09:26:0	0
APKB70007	Basis Support Package 07 for 7.00	CCC Imported on 03.07.2006 at 11:08:2	3
APKB70008	Basis Support Package 08 for 7.00	CCB Imported on 03.07.2006 at 11:08:2	4
V 🌍 SAPKB70009	Basis Support Package 09 for 7.00	CCC Imported on 12.09.2006 at 11:53:5	7
🗢 🛄 Prerequisite set 01			
BAP_BASIS,700		×.	
SAPKB70008		✓	
V # PI_BASIS	PI_BASIS 2005_1_700		
SAPKIPYJ71	PI_BASIS 2005_1_700: patch 0001	CCC Imported on 20.05.2005 at 16:19:1	4
SAPKIPYJ72	PI_BASIS 2005_1_700: patch 0002	CCC Imported on 07.07.2005 at 17:21:0	6
			EV (1) 000 🛅 WIIISYSdev OVR



Confidential Document

- Based on the support package size apply through front end (Below 10MB) (or) application server (>10MB).
- Take a valid backup before applying support packages use DB13 (or) BRTools.
- Ensure that atleast two Background work process are available to apply the patches (SAPMMC or SM50).They are used to run SAP Transport Programs.

Execute Transaction Code "SM50"→



Check the number of background Work Process if it is less than 2 Background work process increase the work process

E	roce	ss P <u>r</u>	ogram/Ses:	sion <u>E</u> dit	Goto	List	Settin	gs	System H	lelp					SAP
Ø				1	181	C 0	8		的的日	819.	🗘 🎝 I 🔀	2 (🕜 🖪		
P	00	ess	Overvi	ew											
-	A	5								B 7					
			9 28 0												
	No	Type	PID	Status	Reasn	Start	Err	Se	CPU	Time	Report	CI.	User Names	Action	Table
	0	DIA	3568	Running		Yes					SAPLTHFB	000	SAPUSER		
	1	DIA	1376	Waiting		Yes									
	2	DIA	2280	Waiting		Yes									
	3	DIA	3308	Waiting		Yes									
	4	DIA	1952	Waiting		Yes									
	5	DIA	2868	Waiting		Yes									
	6	UPD	3712	Waiting		Yes									
	7	ENQ	1892	Waiting		Yes									
	8	BGD	824	Waiting		Yes									
	9	BGD	3364	Waiting		Yes									
	10	BGD	2804	Waiting		Yes									
	11	SPO	2408	Waiting		Yes									
	12	UP2	2992	Waiting		Yes									
						_					- ·	<i>.</i>			
•						E	ารน	re	that S	TM	S is con	fig	ured in t	he system.	
_					_							0		5	
Ex	cec	ute	Trans	action	Co	de "	ST	MS	5"→						
Ē							-								
Ľ							_								
	Mer	าน	Edit <u>F</u> a	avorites	Ext	r <u>a</u> s	Sys	tem	n <u>H</u> elp)					
0	b	сты	cl				<u>a 1</u>		1.00.0			ло	1 00 00		
W		SIM	기					B	I 🖙 🤘				ା ଅ ଅ	U VI 🛞 🕅 I I	W 🗳
-															
S	Ał	' E	asy /	Acce	SS										
		31	S I									<u> </u>		and the state of t	De sur antati
			2 6	Dthe	er mei	าน	d.				<u></u>	Cre	eate role	🞯 Assign users	By Documentation
		Fave	orites										and the second	a statistical second	



Confidential Document



Ensure that "RDDIMPDP" and "RDDNEWPP" Background jobs are scheduled in '000' client to apply the support packages. This job initiates the tp. RDDIMPDP recognizes that there is work to-do in the table 'TRBAT' and 'TRJOB'

Execute SA38 \rightarrow Specify the job name and execute the jobs





PPORT PACKAGE DEPLOYMENT	Confidential Document
ABAP: Program Execution	
🕒 🕀 With variant 📴 Overview of variants Background	
Program RDD1MPDP Ø	
At present there is no header entry in table TRBAT	DEV (1) 000 🖻 willsysdev OVR
Menu Edit Favorites Extras System Help	
🎯 SA38 💿 🔄 🕒 🚱 🚱 🕒 🖨 🔂 🏝 🎝 🔛 📰 🖉 🖷	
SAP Easy Access	
💽 🖃 🗞 Other menu 😹 🗟 🥢 💌 🔺 🕼 Create role 🚳 Assign users 🕞 Documen	tation
Favorites	
Program Edit Goto Utilities(M) System Help	SAP
ABAP: Program Execution	
🕲 🕀 With variant 📴 Overview of variants Background	
Program KUUTAPUP C	



Confidential Document

C RDDIMPDP Background Scheduling	⊠
Do you want to schedule the	
background job as normal or with	Normal
high priority?	
	High Priority
If you schedule with high priority,	
transports will have priority over	🗙 Cancel
other background jobs.	

Click on "Normal" \rightarrow

ビ Program Edit Goto Utilities(M) System Help	
I A B I C C R B B B B B B B B B B B B B B B B B	
ABAP: Program Execution	
🚯 🚱 With variant 📴 Overview of variants Background	
Program RDDNEWPP 🕜	
Seckground job RDDIMPDP successfully scheduled in client 000 (job class C)	V (1) 000 🖻 willsysdev OVR 🛛 🦯
• Check the present support pack levels by lo	gin to
SAPGUI \rightarrow system \rightarrow status \rightarrow click on magnifier \rightarrow	



Confidential Document

🖻 System: Compo	nent informati	on		×
Software Compon_	Release	Level	Highest Support	Short Description of Software Compon 🛅
SAP_BASIS	700	0009	SAPKB70009	SAP Basis Component
SAP_ABA	700	0009	SAPKA70009	Cross-Application Component
PI_BASIS	2005_1_700	0009	SAPKIPYJ79	PI_BASIS 2005_1_700
ST-PI	2005_1_700	0002	SAPKITLQI2	SAP Solution Tools Plug-In
SAP_BW	700	0009	SAPKW70009	SAP NetWeaver BI 7.0
SAP_AP	700	0006	SAPKNA7006	SAP Application Platform
SAP_HR	600	0007	SAPKE60007	Human Resources 💽
SAP_APPL	600	0006	SAPKH60006	Logistics and Accounting 📃
🖌 🗙 🗋				

• While applying support packages related to functional areas like 'APPL' and 'HR' ensure that functional consultants are available to adopt the modifications.

- Apply support package in the sequence of Landscape.
 - Support Packages are Hot Packages and applied when the system

is up and running.

Ensure that router is configured to open the system for SAP Remote support in case if the patches are choked/aborted Patches cannot be reverted (Only SAOP can do remote consulting) to undo the patches

- Ensure that there are no aborted packages in the system.
- Ensure that the objects are locked, unconfirmed/modified state in SE01 (i.e., change request need to be released).
 - Ensure that SPDD/SPAU is run to adopt the modifications related to Data Dictionary Objects and Repository Objects.

Note: - SPAM/SAINT patches can be applied in any sequence

PROCESS:-

Download the packages from Market place using <u>www.service.sap.com/patches</u>

Navigate according to the below screen and click on My company Software \rightarrow

K C X 🏠 🗋 sap-ag.d	https://websmp201.sap-ag.de/swdc	☆ 👻 MyStart Search
SAP Support Portal - Software Downl	*	
		Search 🚫 Adva
	my Profile my Inbox my Favorites	Quick Links Sitemap Glossary FAQs
HOME Help & Support Software Downloads	Keys & Requests Data Administration Maintenance & Services SAP Solution Manager Release & Upgrade Info Knowledge Exchan	ge
Software Download Center Support Package	and Patches Installations and Upgrades BusinessObjects Downloads Database Patches Download Basket Additional Download	Info
	My Company's Software	
 Support Packages and Patches 		
My Company's Application Components	MY COMPANY'S APPLICATION COMPONENTS	<u>ie software you are looking for?</u>
A - Z Index		
 Browse our Download Catalog 		
 Database Patches (from other vendors) 		
 Search for Support Packages and Patches 		
 SAP Support Packages in Detail 	My Company's Software Complimentary Software	
 SAP Support Package Stacks 		
 Archive for Support Packages and Patches 		



Confidential Document



Confidential Document

Click on SAP ERP \rightarrow



My Company's Software

- SAP Support Package Stacks
- Archive for Support Packages and Patches

my DOWNLOAD BASKET

Quick Link Information Access this topic directly at http://service.sap.com/patches

- <u>SAP ERP 2004</u> mySAP ERP 2004
 <u>SAP ERP 6.0</u> SAP ERP 6.0
- SAP ERP ENHANCE PACKAGE
 SAP enhancement package for SAP ERP

Click on Entry by Component \rightarrow SAP ECC Server \rightarrow



Page 26 of 39. WILLSYS INFOSYSTEMS Pvt. Ltd.,



Confidential Document

Select the package and click on add to download basket.

	HOME Help & Support Softwar	re Downloads	Keys & Requests	Data Administration	Maintenance & Services	SAP Solution Manager	Release & Upgrade Info	Knowledge Exchange	
	Software Download Center Supp	port Packages	and Patches Ins	stallations and Upgrades	BusinessObjects Dowr	nloads Database Patch	es Download Basket	Additional Download Info	
İ		4 5	AP ECC Server						
	 Support Packages and Patche 	5	ECC-DIM	P 600					
	My Company's Application C	omponents	ERECRUI	<u>T 600</u>					
	 A - Z Index 		FI-CA 60	0					
	 Browse our Download Catalog 		FI-CAX 6	<u>00</u>					
	 Database Patches (from other version) 	endors)	FINBASIS	<u>5 600</u>					
	 Search for Support Packages and 	d Patches	INSURAN	<u>CE 600</u>					
	 SAP Support Packages in Detail 		IS-CWM	<u>600</u>					
	 SAP Support Package Stacks 		IS-H 600						
	 Archive for Support Packages and 	d Patches	IS-M 600	L					
J			IS-OIL 60	<u>)0</u>					
		SKET	IS-PS-CA	600					
			IS-UT 60	<u>0</u>					
	Quick Link Information		LSOFE 60	0 (FRONT END)					
	Access this topic directly at		PI BASIS	<u>5 2005 1 700</u>					
	http://service.sap.com/patches		PI BASIS	<u>5 2006 1 700</u>					
			SAP ABA	7.00					
	Terms of Use Copyright Privacy	Imprint	SAP AP 7	.00					
			SAP APPL	<u>L 6.00</u>					
			SAP BASI	<u>IS 7.00</u>					
			SAP BW 1	7.00					
			SAP HR 6	<u>.00</u>					
			SAP IGS	7.00					

Copy the packages into trans directory ensure that they have permissions for <sid>adm and

🗁 D:\usr\sap\trans					
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> o	ools <u>H</u> elp				
🔇 Back 👻 🕥 👻 🏂 🔎 Searc	h 🜔 Folders 🏼 🛚 🛛	🛊 🌛 🗙	≌-		
Address 🛅 D:\usr\sap\trans					💌 🄁 Go
Name 🔺	Size	Туре	Date Modified	Attributes	
🛅 bin		File Folder	10/30/2011 2:40 PM		
🗀 buffer		File Folder	11/1/2011 8:51 AM		
Cofiles		File Folder	11/1/2011 3:07 PM		
🗀 data		File Folder	11/1/2011 3:07 PM		
EPS		File Folder	10/23/2011 8:35 PM		
etc		File Folder	10/23/2011 8:35 PM		
log		File Folder	11/1/2011 3:13 PM		
🔁 sapnames		File Folder	11/1/2011 3:07 PM		
🔁 tmp		File Folder	11/1/2011 3:14 PM		
KB70010.CAR	50,431 KB	CAR File	3/25/2008 3:16 PM	А	

specify the permissions by using chmod –R 775/777

Navigate to the trans Directory and Uncar the Patches using command SAPCAR –xvf <filename.CAR/.SAR>



Run	? 🗙
	Type the name of a program, folder, document, or Internet resource, and Windows will open it for you.
Open:	
	OK Cancel <u>B</u> rowse

Confidential Document



IC:\WINDOW5\system32\CMD.exe	
Microsoft Windows [Version 5.2.3790] (C) Copyright 1985-2003 Microsoft Corp.	<u> </u>
C:\Documents and Settings\devadm>D:	
D:\>CD /USR/SAP/TRANS	
D:\usr\sap\trans>sapcar -xvf KB70010.CAR processing archive KB70010.CAR x EPS/in/CSR0120031469_0025021.ATT x EPS/in/CSR0120031469_0025021.PAT	
D:\usr\sap\trans>_	
	-

Page 28 of 39. WILLSYS INFOSYSTEMS Pvt. Ltd.,



Confidential Document

It will generate '.ATT' and '.PAT' files in the EPS/in Directory (If executed on trans directory it will generate files in to EPS/in directory)

🗁 D:\usr\sap\trans\EPS\in					
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> o	ools <u>H</u> elp				
🔇 Back 👻 🕤 👻 🏂 Search	h 🌔 Folders 🛛	🗟 🕑 🗙 🍤 🛄	,		
Address 🛅 D:\usr\sap\trans\EPS\ir	ו				💌 🔁 Go
Name 🔺	Size	Туре	Date Modified	Attributes	
CSR0120031469_0025021.ATT	1 KB	ATT File	11/16/2006 2:05 PM	A	
CSR0120031469_0025021.PAT	52,069 KB	PAT File	11/16/2006 2:04 PM	А	

It is on any other drive or directory then it will create EPS/in directory and generate files .ATT and .PAT files in that directory.

EPS-Electronic Parcel Service is used to host the packages, add-ons, languages, etc

Execute Transaction Code "SPAM" and use option load packages from Application server





Current Beakage Edit Cate Estree Litilities/ML Environment	Custom Hole	
Load packages From Front End		
Import SPAM/SAINT Update From Application Server		
Import queue Shift+F7		
Confirm Shift+F6		
Exit Shift+F3		
Queue Displav/d	efine	
Directory		
New Sunnort Packages		
O Aborted Support Packages No queue has be	en defined	
O Imported Support Packages SPAM status:	000	
O All Support Packages		
ିନ୍ତ Display ନିନ୍ଦ Package le	evel	
		DEV (1) 000 🛅 willsysdev OVR ////
🔄 SPAM: Confirm upload		\bowtie
Path of EPS inbox: \\willsysdev\sa	omnť\trans\EPS\in	
Do you want to unload OCC Basks	and from the EDC inhov?	
Du you want to upload OCS Facka	iges irom the EFS inpox?	
Vec No		
165 110		

Click on Yes \rightarrow

The support package is now available in the SAP database and ready for deployment

Confidential Document



	CKAGE I	DEPL	OYMENT		Confidential	Document
로 List Edit Goto Se	ttings System Hi	elp				
Ø		C 😧 🔇	I 🖵 🛗 🖧 I 🏝 🛱 🖨 🕻 🕯) 💥 🔊 😗 📭		
SPAM: Upload	ing Package	s from t	he File System			
<u> </u>						
OCS File Name	Package	Result R	C Message Text			
CSR0120031469_00250	21.PAT SAPKB7001	0 000 000	00 Uploaded successfully			
					DEV (1) 000	🖻 willsysdev OVR
lick on "ba	ck" buttor	1→			DEV (1) 000	🖻 willsysdev OVR
Click on "ba	ck" buttor		oct Now suppo	rt package	DEV(1)000	🖻 willsysdev OVR
Click on "ba Click the pr	ck" buttor e-requisite	ı→ es (sele	ect New suppo	rt package→	ک] DEV(1) 000 Click on display)	🖻 willsysdev OVR
Click on "ba Check the pr	ck" buttor e-requisito	1→ es (sele	ect New suppo	rt package→	DEV(1)000 Click on display)	I willsysdev OVR
Click on "ba Check the pr Support Package E	ck" buttor e-requisite	ı→ es (sele utittes∭ C @ @	ect New suppo Environment System 2日日日日日	rt package→ telp th &t ★ @ @	Click on display)	• willsysdev OVR
Click on "ba Check the pr Support Package E Support Package	ck" buttor e-requisite dit <u>Goto</u> Extras	1→ es (sel Utilities∭ I © @ 0	ect New suppo Environment System 会日 田 田 田 田 Sion 7.00/0042	rt package→ ⊫elp ℃ & I 🛒 🔊 🖗 🖡	DEV(1)000 click on display)	🖻 willsysdev OVR
Click on "ba Check the pr Support Package E Support Package Support Package	ck" buttor e-requisito dit <u>Goto</u> Extras age Manago	1→ es (sele uninesœ I © @ ar - Vers	ect New suppo Environment System 2日日日日日 Sion 7.00/0042	rt package→ ≝® ≌ ≌ । ⊯ 厘 । @ ।	DEV(1) 000 Click on display)	🖻 willsysdev OVR
Click on "ba Check the pr Support Package E Support Packa Support Pack	ck" buttor e-requisito dit <u>Goto</u> Extras age Manago	1→ es (selo Unites∭ I © @ er - Vers	ect New suppo Environment System 2 日 田 岡 田 智 哲 sion 7.00/0042	rt package→ telp S & I I I I I I I I I I I I I I I I I I	DEV (1) 000 Click on display)	willsysdev OVR

Directory	Status
New Support Packages	
O Aborted Support Packages	No queue has been defined
O Imported Support Packages	SPAM status: COO
O All Support Packages	
ି ଏକ Display	🖧 Package level



Confidential Document

년 Package Edit Goto Extras Vi	ew System Help					
Ø ■ 4 B C G Q L B H H B B B B R B B Q B						
OCS Package Director	y: New Packages					
🗸 🖁 🔁 🔀 🕅 🔛 Queue	🔒 Package Attributes 🕼 Link 📔 Le	gend				
OCS packages available for this system	n Description	Stat Import Status				
V 🔀 SAP_BASIS	SAP Basis Component					
SAPKB70010	Basis Support Package 10 for 7.00	ODO Not imported				
🗢 🗋 Prerequisite set 01						
SAP_BASIS,700		✓				
SAPKB70009		✓				
			DEV (1) 000 🖭 willsysdev OVR			

Define the queue Select one (or) more packages \rightarrow display & define

œ٥	Component Selection						
Cho	Choose the software component for which you want to import Support Packages						
a 1	1						
	CompID	Release	Short Description of Component	Support Package type			
	<u>SAP ABA</u>	700	Cross-Application Component	Appl. Interface SP			
	SAP BASIS	700	SAP Basis Component	Basis Support Pkg.	-		
	PL BASIS	2005_1_700	PI_BASIS 2005_1_700	Add-on Support Pkg.			
	<u>ST-PI</u>	2005_1_700	SAP Solution Tools Plug-In	Add-on Support Pkg.			
	<u>SAP_BW</u>	700	SAP NetWeaver BI 7.0 Add-on Support Pkg.				
	<u>SAP AP</u>	700	3AP Application Platform Add-on Support Pkg.				
	<u>SAP APPL</u>	600	Logistics and Accounting	APPL Support Package			
	<u>sap hr</u>	600	Human Resources	HR Support Package			
	<u>EA-IPPE</u>	400	SAP IPPE	Add-on Support Pkg.			
	EA-APPL	600	SAP Enterprise Extension PLM, SCM, F	Add-on Support Pkg.			
	<u>EA-DFPS</u>	600	SAP Enterprise Extension Defense For	Add-on Support Pkg.			
	EA-FINSERV	600	SAP Enterprise Extension Financial Sei	Add-on Support Pkg.			
	EA-GLTRADE	600	SAP Enterprise Extension Global Trade	Add-on Support Pkg.			
	<u>EA-HR</u>	600	SAP Enterprise Extension HR	Add-on Support Pkg.	-		
All Components 🖾 🔟 🛠							



PORT PACKAGE DEPLOYMENT Confidential Document						
🔄 Define Queue for the Co	Define Queue for the Component SAP_BASIS rel. 700					
Choose the highest Su	upport Packa	age you wan	t or confirm the queue			
Package ID	CompID	Release	Short Description			
SAPKB70010	SAP_BASIS	700	Basis Support Package 10 for 7.00			
✓ 6 € 8 8 ×						
Select the package and	click on "c	ok"→	- 4			
Add Modification Adjus	tment Transp	oorts to the Qu	ieue 🗵			
Do you want to ad the queue now?	d Modificatior	n Adjustment '	Transports to			
Yes	Yes No Info					
Click on "No"→ Schedule the package i	n the backg	ground mod	<u>е</u>			
🕞 SPAM: Import: Queue		, ouna moa		×		
The queue SAPKB Standard.	70010 will	now be imp	orted according to scenario			
To avoid known problems, first read SAP Note 822379 "Known problems with Support Packages in SAP NW 7.0x AS ABAP".						
The queue will now be imported with the following start options for the individual modules:						
Preparation: Import 1: Import 2: Continue in dialog Clean Up: → Continue in dialog						
Clean Up:	14	Continue in Continue in	n dialog n dialog			

Click on "start Options" \rightarrow



SUPPORT PACKAGE D	EPLOYMENT
-------------------	-----------

Confidential Document

🖻 SPAM: Start options for the queue 🛛 🖂 🦯					
Chosen start options for the import modules					
Preparation: 🔊 Start in background					
Import 1: Continue in background					
Import 2: 🔿 Continue in background					
Clean Up: 🔿 Continue in background					
Preparation Import 1 Import 2 Clean Up					
Preparation Import 1 Import 2 Clean Up Start options O Start in dialog immediately Import 2 Clean Up Start options O Start in background immediately O Start in background later Planned start Import 2 No start after Import 2					

Select the option "start in background immediately" \rightarrow Click on "ok" Button \rightarrow

The support pack will be applied and finally it will ask to confirm the queue click on confirm queue button \rightarrow

Support Package Edit Goto Extras Utilities	(M) Environment System Help	
	ا ت ت ت ت ت ت ت ت ت ت ت ت ت ت ت ت ت ت ت	
Support Package Manager - Ve	ersion 7.00/0042	
Confirm queue (Shift+F6)		
Queue SAPKB70010	🎾 Display/define	
New Support Packages	Queue imported for the	
O Aborted Support Packages	Software Component: SAP_BASIS	
O Imported Support Packages	SPAM status: 040	
O All Support Packages	Next action: Confirm queue	
<mark>ଝିନ Display</mark>	Sc Package level	
		DEV (1) 000 🗃 willsysdev OVR
Start 2 A		🗣 😭 门 과 4:24 PM

Page 34 of 39.

WILLSYS INFOSYSTEMS Pvt. Ltd.,



Confidential Document

Support Package Edit Goto	Extras Utilities(M)	Environment	System Help	
	4 🛛 I 😋 🙆 🔇	1846	5 E C C C E 🛒 🖉 G	
Support Package Ma	anager - Versi	on 7.00/	0042	
📮 🔍 🖻 🖉 🏏 📘				
Queue	°V	Display/d	efine	
Directory	Ctate	10		
New Support Packages	Statu	15		
O Aborted Support Packages	No c	queue has be	en defined	
O Imported Support Packages	SPA	M status:	000	
○ All Support Packages				
ି ତେ ଅବସ୍ଥା ସେହୁ ସେହୁ ଅବସ୍ଥାରେ ଅବସ୍ଥ	66	Package le	wel	
				DEV (1) 000 🖻 willsysdev OVR
Support Package	Deployed S	Succes	sfully.	
Do this procedure	e for all the	packa	ges	
Check the system	\rightarrow status to	chock	whathar the sum	ort nackage level is increased or not
	nont informat	ion	witcher uie sup	
e aystem. Compo	nentinionnat	ION		
Software Compon	Release	Level	Highest Support	Short Description of Software Compon
SAP ABA	700	0009	SAPKA70009	Cross-Application Component

Software Compon	Release	Level	Highest Support	Short Description of Software Compon 🛄
SAP_ABA	700	0009	SAPKA70009	Cross-Application Component
SAP_BASIS	700	0010	SAPKB70010	SAP Basis Component
PI_BASIS	2005_1_700	0009	SAPKIPYJ79	PI_BASIS 2005_1_700
ST-PI	2005_1_700	0002	SAPKITLQI2	SAP Solution Tools Plug-In
SAP_BW	700	0009	SAPKW70009	SAP NetWeaver BI 7.0
SAP_AP	700	0006	SAPKNA7006	SAP Application Platform
SAP_APPL	600	0006	SAPKH60006	Logistics and Accounting
SAP_HR	600	0007	SAPKE60007	Human Resources 🔹
	< >			 •
🖌 🗙 🕒				



After Successfully deploying the support packages execute SPDD and SPAU for any Modifications

- **SPDD**: It is initiated whenever a Data Dictionary changes comes through a support packages.
- **SPAU:** It is initiated whenever a Repository changes comes through a support packages.

Execute Tcode SPDD \rightarrow



Selections Edit Goto System Help

 Image: Second structure

 gents

Last changed by

Last Transport Request

Package

Request/task

Modifications Adjustment Filter Display Options Options	
Modified Objects and Enhancements Image: With Modification Assistant Image: Without Modification Assistant	

Page 36 of 39.

WILLSYS INFOSYSTEMS Pvt. Ltd.,



Confidential Document

×

*

٠

Ŧ

Click on execute

🖻 Information

Information on Modification Adjustment (Transaction SPAU) and Modification Browser (Transaction SE95)

The information text is not displayed the next time you call SPAU. You can, however, still find the text in the "Utilities" menu. You can also print it using the context menu or CTRL-P.

Documentation

For a list of FAQs, follow this link to the SAP Service Marketplace: http://service.sap.com/spau

The online documentation provides you with detailed information about the tools of the Modification Assistant.

New Features in this Version

o The selection screen now contains a "Processor" field. This includes the user who last changed an object. The user can add other

V

Click on ok to adopt the changes for the data dictionary objects **SPAU:**





SUPPORT PACKAGE DEPLOYMENT	Confidential Document
🕼	
	H 1 2 2 4 4 5 4 1 🛒 🛃 1 🕲 📑
Modification Adjustment: Object	Selection
Execute (F8)	
Agents	⇒
Last changed by	
Last Transport Request	⇒
Package	\$
Request/task	→
Modifications Reset Objects Adjustment Fil	ter 🔹 Display O 👔 💶 🔚
Modified Objects and Enhancements	
☑ Corrections in SAP Note	
☑ With Modification Assistant	
☑ Without Modification Assistant	
□ Translations	
□ Migration Object	
□ Other objects	

Click on execute to adjust the modifications to the repository objects



Confidential Document

Related Content:

www.help.sap.com

www.sdn.sap.com/irj/sdn/index.

Disclaimer and Liability Notice:

WILLSYS will not be held liable for any damages caused by using or misusing the information, code or methods suggested in this document, and anyone using these methods does so at his/her own risk.

WILLSYS offers no guarantees and assumes no responsibility or liability of any type with respect to the content of this technical article or code sample, including any liability resulting from incompatibility between the content within this document and the materials and services offered by WILLSYS. You agree that you will not hold, or seek to hold, WILLSYS responsible or liable with respect to the content of this document.