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### **APPLIES TO:**

System Copy using Export-Import Method.

### SUMMARY

This article explains how to Perform the System Copy using Export-Import Method.

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### COMPANY:

WILLSYS INFOSYSTEMS Pvt. Ltd.,

### CREATED ON:

10<sup>th</sup> December 2011.





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### SYSTEM COPY BY USING EXPORT-IMPORT METHOD

#### SOURCE SYSTEM

🖻 D:\ECC6-32BIT\IM_WINDOW5_1386						
Eile Edit View Favorites Tools Help						
🗿 Back 🔹 🕤 🗸 🏂 Search 🍋 Folders 🛛 😥 🎯 🗙 🆃 📖 🗸						
Address C:\ECC6-32BIT\IM_WI	VDOWS_I386				💌 ラ Go	
Name 🔶	Size	Туре	Date Modified	Attributes		
		File Folder	5/3/2011 4:01 AM	Α		
CRM05		File Folder	5/3/2011 4:00 AM	A		
CRM52		File Folder	5/3/2011 4:00 AM	A		
ERP05		File Folder	5/3/2011 4:00 AM	A		
🗀 JAR		File Folder	5/3/2011 4:00 AM	A		
C NTPATCH		File Folder	5/3/2011 4:00 AM	A		
DW045		File Folder	5/3/2011 4:00 AM	A		
CM05		File Folder	5/3/2011 4:00 AM	A		
COLMAN40		File Folder	5/3/2011 4:00 AM	A		
C SRM05		File Folder	5/3/2011 4:00 AM	A		
C 5RM60		File Folder	5/3/2011 4:00 AM	A		
C TRANS		File Folder	5/3/2011 4:00 AM	A		
📼 catalog.dtd	3 KB	DTD File	6/8/2006 11:06 PM	A		
I LABEL.ASC	1 KB	ASC File	9/11/2006 10:40 PM	A		
🖬 messages.dtd	2 KB	DTD File	6/8/2006 11:06 PM	A		
🕋 messages.×ml	684 KB	XML Document	10/4/2006 1:39 PM	A		
I I NTCLUST.SAR	1,654 KB	SAR File	9/11/2006 6:55 PM	A		
🖬 product.catalog	3,190 KB	CATALOG File	11/5/2006 1:56 PM	A		
resourcepool.xml	534 KB	XML Document	9/11/2006 10:01 AM	A		
🖬 resources.dtd	2 KB	DTD File	6/8/2006 11:06 PM	A		
📝 sapinst.exe	16,016 KB	Application	10/5/2006 2:20 PM	A		
🔊 sapinstevents.dll	456 KB	Application Extension	9/11/2006 10:48 AM	А		
👅 startinstgui.bat	8 KB	Windows Batch File	7/18/2006 10:40 AM	A		
SCM05 SOLMAN40 SRM65 RAM5 Catalog.dtd Catalog.dtd Catalog.dtd Catalog.dtd Catalog.dtd Catalog.dtd Catalog.dtd Messages.dtd messages.xml NTCLUST.SAR product.catalog resourcepool.xml spinst.exe sapinst.exe sapinst.exe sapinst.exe	3 KB 1 KB 2 KB 684 KB 1,654 KB 3,190 KB 534 KB 16,016 KB 456 KB 8 KB	File Folder File Folder File Folder File Folder DTD File ASC File DTD File XML Document SAR File CATALOG File XML Document DTD File Application Application Windows Batch File	5/3/2011 4:00 AM 5/3/2011 4:00 AM 5/3/2011 4:00 AM 5/3/2011 4:00 AM 5/3/2011 4:00 AM 6/8/2006 11:06 PM 6/8/2006 10:40 PM 10/4/2006 10:40 PM 10/4/2006 10:56 PM 9/11/2006 10:56 PM 9/11/2006 10:01 AM 6/8/2006 11:06 PM 10/5/2006 2:20 PM 9/11/2006 10:48 AM 7/18/2006 10:40 AM	A A A A A A A A A A A A A A A A A A A		

#### Run the sapinst.exe executable from installation master

SAPinst w45adm@willsys45				X
1 Choose Service	2 Define Parameters	3 Check Parameters	4 Execute Service	5 Completed
Welcome to SAP Installation M	aster			
Before you start the installation, make sure that y	ou have identified the required scenario as	described in the Master Guide		
Select the service that you want to install				
SAP Installation Master         ▶       SAP CRM 5.0 Support Release 2         ▶       SAP CRM 5.0 Support Release 2         ▶       SAP ERP 2005 Support Release 2         ▶       Rapid Configuration         >       Additional Configuration Tasks         ▶       Additional Preparation Tasks         ▶       Additional Server         >       Database Tools         >       Java Add-In for ABAP         >       System Copy         >       IEM DB2 for Linux, UNIX, and         >       IEM DB2 for JUNX, UNIX, and         >       IEM DB2 for JUNX         >       IEM DB2 for JUNX         >       Based on AS ABAI         >       Based on AS ABA	Windows P and AS Java b tion Preparation ance Export m		You do not database and import	A alory step of a system copy procedure. This be performed on the database instance host. Ing steps will be performed: realing the export directory structure with label es and source system information (if required) reating database structure files (".STR) painting database statistics (depending on the tabase platform and the selected dialog stion) ac calculation for the target database (".EXT, BSJZE MU, sporting the ABAP database content need to perform this step i/vo use specific backup / restore methods for export
Next				

Navigate to the above screen and Click on "Next" $\rightarrow$ 

### Page 2 of 27.

WILLSYS INFOSYSTEMS Pvt. Ltd.,



File Help	n@willsys45: :	SAP ERP 2005 Suppor	t Release 2 > Additional !	Software Life-Cycle Tasks	s > System Copy X		
Choose whether y	vice Do Mode > C rou want to run	2 efine Parameters Default Setting n the SAPinst in a typic	3 Check Parameters 35 cal or a custom mode	4 Execute Service	5 Completed		
Choose whether you want to run the SAPinst in a typical or a custom mode							
▲ Back Next	Þ						

Select "Typical" and Click on "Next"→



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<b>File <u>H</u>elp</b>	n@willsys45: SAP ERP	2005 Support Release	2 > Additional Soft	ware Life-Cycle Tasks > 9	System Copy 💶 🗙
· 1	2		3	4	5
Choose Ser	vice Define Par	ameters Check F	Parameters I	Execute Service	Completed
SAP System	n > General Pa	arameters			
Enter the profile d	irectory of the SAP syst	em			
SAP System Par	ameters				
<u>P</u> rofile Directory	D:\usr\sap\W45\S\	S\profile			Browse
Additional Inform	n <b>ation</b> existing parameters fr	om the SAP system pro	file directory. Locati	on of your SAP system pro	file directory:
<ul> <li>Window</li> <li>UNIX: /</li> <li>OS/400</li> </ul>	vs:\\ <sapglobalhos <sap mount<br="" system="">:\\<sapglobalhost></sapglobalhost></sap></sapglobalhos 	[>\sapmnt\ <sapsid>' Directory&gt;/<sapsic \sapmnt\<sapsid>\S</sapsid></sapsic </sapsid>	\SYS\profile >>/profile YS\profile		
<mark>◀ <u>B</u>ack <u>N</u>ext</mark>	Þ				

Specify the profile directory i.e., /usr/sap/<SID>/SYS/profile and Click on "Next"→



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File Help	s45: SAP ERP 2005 Suppor	t Release 2 > Additiona	l Software Life-Cycle Task	s > System Copy 💶 🗙
Choose Service	2 Define Parameters	3 Check Parameters	4 Execute Service	5 Completed
SAP System > O	S User Password	ls		
Enter the passwords of the	operating system users			
SAP System Administrate	Dr			
Account: willsys45\w45adr	n			
Password of SAP System	Administrator			
Back Next				

Enter the password and Click on "Next"→

Create the "NewFolder" and click on Next  $\!$ 



🆘 D:\						
<u>File Edit View Favorites Tools Help</u>						
🔇 Back 🔹 🕘 🗸 🏂 🔎 Search 🌔 Folders 🛛 🕼 🎯 🗙 🏹 🛄 🗸						
Address 🍛 D:\						💌 🔁 Go
Name 🔺	Size Type		Date Modified	Attributes		
ECC6-32BIT	File F	older	6/30/2011 10:45 PM			
Coracle	File F	older	7/25/2011 12:57 PM			
i 🗋 usr	File F	older	7/25/2011 1:17 PM			
C New Folder	File F	older	7/1/2011 6:32 PM			
J						



◆ D:\							
<u>File Edit View Favorites T</u> ools <u>H</u> elp							
🚱 Back 🔹 🕥 🖌 🏂 Search 🌔 Folders 🛛 😥 汝 🗙 🎾 🔛 🗸							
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Name 🔺	Size	Туре	Date Modified	Attributes			
ECC6-32BIT		File Folder	6/30/2011 10:45 PM				
Coracle		File Folder	7/25/2011 12:57 PM				
i i i i i i i i i i i i i i i i i i i		File Folder	7/25/2011 1:17 PM				
EXPORT		File Folder	7/1/2011 6:32 PM				
<u></u>							



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SAPinst w45adm@w	illsys45: SAP ERP 2005 Suppor	t Release 2 > Additional !	Software Life-Cycle Tasks	> System Copy 💶 🗙
Choose Service	2 Define Parameters	3 Check Parameters	4 Execute Service	5 Completed
SAP System >	Database Export			
Enter the directory for t	he export location			
Database Export				
Export Location	D: \EXPORT			Browse
<u>S</u> top running system				
Additional Informatio You will be prompted If you select <i>Stop rum</i>	<b>n</b> again for the <i>Export Location</i> d <i>ning system</i> and your system is	uring the installation of the running, you will be prom	e target system. pted to manually stop the s	system.
🔸 <u>B</u> ack Next 🕨				

### Specify the Export location and Click on "Next"→



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File Help	ys45: SAP ERP 2005 Suppor	t Release 2 > Additional	Software Life-Cycle Tasks	s > System Copy 💶 🛛 🗙
Choose Service	2 Define Parameters	3 Check Parameters	4 Execute Service	Completed
Parameter Sum	mary			
Choose 'Start' to start with	n the values shown or select	the parameters you want	t to change and choose 'Re	evise'
🔄 Extract table	es with size more than limit			
Table Size Limit (M 300 V Split packag	B) ges with size more than limit			
Package Size Limi 1000	i (MB) ined tables			
Table Input File				
SAP System > Data	abase Export			
Target Hardware P	latform			
Little-Endia	an 🗈			
Number of Parallel	Jobs			
Parallel Exp	ort and Import			
🔲 Define Pack	age Unload Order			
🔲 Advanced C	onfiguration			
ABAP System > Up	odate Database Statistics			
Database Statistic:	S			
Update stati	stics before the expo	rt starts 🖺		▲ ▼
Revise Start				
Continue proces	ssing.			

#### Select the database statistics and click on "Revise" $\rightarrow$



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SAPinst w45adm@v	willsys45: SAP ERP 2005 Suppo	rt Release 2 > Additional 9	Software Life-Cycle Tasks	s > System Copy 💶 🗙
Choose Service	2 Define Parameters	3 Check Parameters	4 Execute Service	Completed
ABAP System	1 > Opdate Database	statistics		
Specity whether you v	vant the statistics to be updated	automatically before the e	kport starts	
Before Export Start				
Database Statistics	O Update statistics before the Skip statistics update	e export starts		
<u>P</u> rogram Call	brconnect.exe -u / -c -	o summary -f stats -o	SAPSR3 -t all -m +I	-s P10 -f allsel,co
Additional Information	on nat you update database statisti	cs before the export starts t	o determine the correct da	atabase size.
📕 <u>B</u> ack <u>N</u> ext 🕨				

#### Select the radio button "Skip statistics update" and Click on "Next" $\rightarrow$







### **Confidential Document**

SAPinst w45adm@willsys45: SAP ERP 2005 Support File Help  1  Choose Service Define Parameters  Task Progress  The Task has been completed successfully	Release 2 > Additional	Software Life-Cycle Tasks	5 > System Copy ×
All phases completed Phase List       O tabase Instance Export      Update system DLLs      Update database statistics      Export ABAP      Delete database statistics	Execution of Service Software Life-Cycle Central System > Ba been completed suc	SAP ERP 2005 Support R Tasks > System Copy > Or ased on AS ABAP > Databa ccessfully	elease 2 > Additional acle > Source System > se Instance Export has
Execution of Service has been completed successfully			

Click on  $Ok \rightarrow$ 

Export has been completed successfully in the Source System. Copy his Export into the Target System.



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#### TARGET SYSTEM



Navigate to the above screen and Click on "Next" $\rightarrow$ 



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File Help	willsys123: SAP ERP 2005 !	Support Release 2 > Ad	ditional Software Life-Cycle	a Tasks > Syste 💶 🗙
Tue Teh				
Choose Service	2 Define Parameters	3 Check Parameters	4 Execute Service	5 Completed
Parameter Mode	> Default Setting	IS		
Choose whether you want t	to run the SAPinst in a typic	al or a custom mode		
<b>Default Settings</b> If you choose the typical se number of prompts. Howe	etting, SAPinst runs mostly ver, you can still change ar	with automatic default s ny of the default settings	ettings. You only have to res on a parameter summary s	pond to a minimum creen.
Parameter Mode (@ <u>Typi</u> O <u>C</u> us	cal : tom			
▲ Back Next ▶				
	CADingt Administry	ata 🔲 New Wordpad F	)ocument	

Select "Typical" and Click on "Next"→



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SAPinst Administrator@wills;	ys123: SAP ERP 2005 9	Support Release 2 > Additi	ional Software Life-Cycle	Tasks > Syste 💶 🗙
Choose Service D	2 efine Parameters	3 Check Parameters	4 Execute Service	5 Completed
SAP System > Gene	eral Parameter	rs		
Enter the system ID and installa	ation drive			
SAP System Parameters				
SAP System ID (SAPSID)	TST			
Installation Drive	D: 🔳			
Unicode System (recommende	ed) 🔽			
Additional Information The SAP System ID is an iden The system will be installed ur	tifier for your SAP syste nder < Installation	em. It must be unique throu Dr i ve> : \usr \sap \ <saps< td=""><td>ghout your system landso ;ID&gt;\</td><td>:ape.</td></saps<>	ghout your system landso ;ID>\	:ape.
▲ Back Next ▶				
		to 🗐 New Wordpad Doc	ument	

Specify the SAPSID (TST) and Click on "Next"→



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😿 SAPinst Administrator@willsys123: SAP ERP 2005 Support Release 2 > Additional Software Life-Cycle Tasks > Syste	
1     2     3     4     5       Choose Service     Define Parameters     Check Parameters     Execute Service     Completed       SAP System > Master Password     Enter the master password all users     Enter the master password all users     Enter the master password all users	-
Master Password         The password will be used for all accounts SAPinst creates and for the secure store key phrase. The length has to be 8-14 characters. Depending on your installation scenario there might be more restrictions.         Password for all users of this SAP system       ********         Confirm       *******	
Additional Information You can choose a different value for each <i>Password</i> by choosing to edit the regarding parameter section in summary screen. It set already some password to a different value and change the <i>Master Password</i> in this dialog afterwards, the individually set passwords are NOT overwritten with the new master password.	ſyou
▲ Back Next ▶	

Specify the Master Password and Click on "Next"  $\rightarrow$ 



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File Help	123: SAP ERP 2005	Support Release 2 > Addi	itional Software Life-Cyclo	e Tasks > Syste 📃 🗙
Choose Service Def	2 īne Parameters	3 Check Parameters	4 Execute Service	5 Completed
SAP System > Datab	ase			
Select the database installation r	nethod			
Database Installation				
Installation Method	Standard System O Homogeneous	em Copy / Migration (load-t s System Copy (Backup/Re	pased) estore)	
Start Migration Monitor manually				
Additional Information				
To use an existing database ba	ckup for building up	a new system choose <i>Hor</i>	nogeneous System Copy	(Backup/Restore).
Back Next 🕨				

### Select the option "standard System Copy" and Click on "Next" $\rightarrow$



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SAPinst Administrator@willsys123: SAP ERP 2005 Support Release 2 > Additional Software Life-Cycle Tasks > Syste 📕 🔲 💌 <u>F</u> ile <u>H</u> elp
1     2     3     4     5       Choose Service     Define Parameters     Check Parameters     Execute Service     Completed
Enter the database parameters
Database Parameters
Database ID (DBSID) TST
D <u>a</u> tabase Host willsys123
Additional Information If you want to use an existing database with a valid database release for this installation, enter the database ID of the existing database.
▲ Back Next ▶

### Specify the Database SID and Click on "Next" $\rightarrow$



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SAPinst Administrator@willsys123	3: SAP ERP 2005 Support Release 2 > Add	litional Software Life-Cycle T	asks > Syste
Choose Service Define	2 3 Parameters Check Parameters vare Package Check	4 Execute Service	Completed
Enter the location of the required sof	ware packages		
Media Name Migration Export	Package Location	Check Location	Copy Package To
< <			
Additional Information SAPinst will detect the required soft required software packages. If you do not want to check the locati If you want to copy the media to your	ware packages on the media and check th on now, deselect the <i>Check Location</i> flag r local disk, enter the target location in the	ne package identification file <i>L</i> and SAPinst will ask you aga <i>Copy Package To</i> column.	ABEL.ASC of the in later.
Canc <u>e</u> l <u>OK</u>			

Specify the Export path that we have copied from the source system and Click on "Next"→



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File Help	willsys123: SAP ERP 2005 9	5upport Release 2 > Add	litional Software Life-Cycle	Tasks > Syste 💶 🗙
Choose Service	2 Define Parameters DIC Users	3 Check Parameters	4 Execute Service	Completed
	01			
DDIC Users in SAP Syste	em Clients			
Account. DD/C, client oot	/			
Password of DDIC in cli	ent ooo in the source system			
Additional Information SAPinst needs to create : A SAP System Client is a data is SAP System Clien	an RFC connection to the sy self-contained unit in an SA nt-specific.	stem that you are installi P system with separate r	ng. master records and its own	set of tables. ABAP user
▲ Back Next ▶				

Specify the Password of 'DDIC' in client 000 in the source system and Click on "Next"→



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SAPinst Administrator@wills <u>File H</u> elp	995123: SAP ERP 2005	Support Release 2 > Add	litional Software Life-Cycl	e Tasks > Syste
Choose Service	2 Define Parameters Oftware Packages ed software packages	3 Check Parameters ge Request	4 Execute Service	Completed
Software Package(s)				
Media Name UC Kernel NW2004sSR2 Oracle Client	Package Location D:\DUMP\Kernel\ D:\DUMP\client\	KU_WINDOWS_I386\LABE LABEL.ASC	EL . ASC Browse Browse D:\DUMP\Kernel\KU_	Copy Package To WINDOWS_I386\LABEL.ASC
Additional Information SAPinst will detect the require <i>LABEL.ASC</i> . If you want to copy the media to Cancel	d software packages o o your local disk, enter	in the media and check th the target location in the	ie corresponding package Copy Package To column	identification files

Specify the Kernel path and oracle Client path and Click on "Next"  $\rightarrow$ 



File Help	willsys123: SAP ERP 2005	Support Release 2 > Add	itional Software Life-Cycle	e Tasks > Syste
Choose Service	2 Define Parameters	3 Check Parameters	4 Execute Service	Completed
Parameter Summ	nary			
Choose 'Start' to start with t	he values shown or selec	t the parameters you want	to change and choose 'Re	vvise'
Parameter List				
Parameter Mode > D Parameter Mode Typical 🗈	efault Settings			
SAP System > Gener SAP System ID (SAP TST Installation Drive D: Unicode System	r <b>al Parameters</b> SID) em (recommended)			
SAP System > Master Password for all use	er Password rs of this SAP system			
SAP System > Winda Domain Model Local install Windows Domain	ows Domain ation 🔳			
Revise Start				

Click on "Next"→



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File Help	villsys123: SAP ERP 2005	Support Release 2 > Addit	ional Software Life-Cycle 1	Tasks > Syste <mark>_□</mark> X
Choose Service	2 Define Parameters	Check Parameters	4 Execute Service	Completed
SAP System > SA	AP Solution Mana	ager		
Enter the SAP Solution Man	ager key			
SAP Solution Manager	05C1C5120B			
Solution Manager Key	0201031338			
Additional Information The <i>Solution Manager Key</i> SAP Service Marketplace, a	ris required for the installa and SAP Note 805390.	tion or upgrade. Further inf	ormation can be found in th	ne installation guide, the
SAP System ID (SAPSID)	TST			
C <u>e</u> ntral Instance Host	willsys123		]	
Ce <u>n</u> tral Instance Number	00			
Continue				

Specify the Solman Key and Click on "Next"→







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File Help	05 Support Release 2 > Ado	ditional Software Life-Cycl	e Tasks > Syste
Choose Service Define Parameters Task Progress The Task has been completed successfully	3 Check Parameters	4 Execute Service	5 Completed
All phases completed Phase List Create database Create/Check tablespaces Check Oracle NLS_CHARACTERSET Create database schema Check Oracle patch Install DBA tools Import ABAP Post load activities Perform post-load activities Create database statistics Create database statistics Install central instance Start central services instan Start instance ABAP post installation activities Check DDIC password Run ABAP Reports	tance	≥ SAP ERP 2005 Support R Tasks > System Copy > Or ased on AS ABAP > Centra ccessfully	elease 2 > Additional acle > Target System > I System Installation has
○K           Execution of Service has been completed successf	ully		

Target system installation has been completed successfully.

System Copy is Done Successfully using Export-Import Method.







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# Related Content:

www.help.sap.com

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

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