

APPLIES TO:

Client Copies

SUMMARY

This article explains how to perform the Various Client Copy Methods in the SAP System.

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CLIENT COPIES

There are Three Types of Client Copies

1. Local Client Copy Method
2. Remote Client Copy Method
3. Export and Import Method

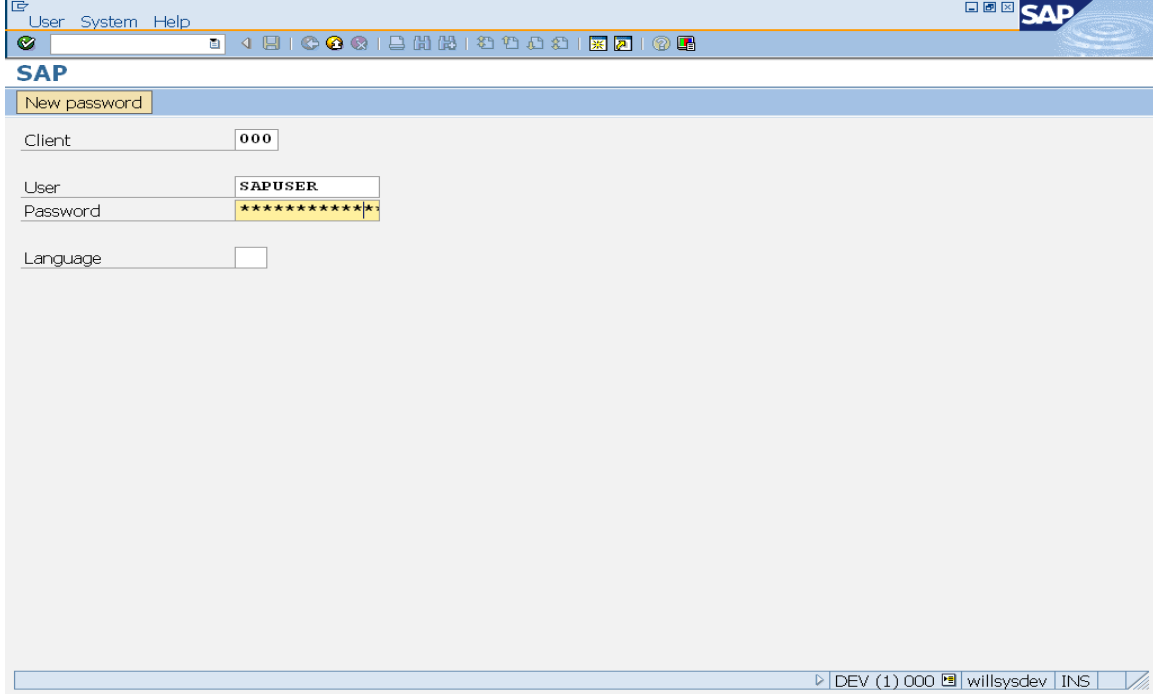
PRE-REQUISITES OF CLIENT COPY:

1. Ensure that we have enough space in database to perform client copy (DB02 /BRTOOLS)
2. The size of the client is determined by using report RSTABLESIZE (or) use RSSPACECHECK which is used to determine the size of the tables in the client (SA38)
3. Ensure that you have at least two background work process in the system(SM50, SM66, DPMON, SAPMMC)
4. Perform client copy from the target client only.
5. Choose the profile to determine what data to copy during client copy(by default we choose SAP_CUST)
6. Establish RFC connection with necessary authorizations during a remote client copy
7. Ensure that you have enough space in /usr/sap/trans directory during client export/import
8. Perform a test client copy always in the background mode (so that it will check the resources that are required for client copy)
9. Schedule client copy always in the background mode (so that it will run when the screen is closed)
10. Client copy logs are available in transaction code “SCC3” and monitor the progress using SM37, SM50, SM66
11. While performing remote client copy and client export and import ensure that the system has same version and release

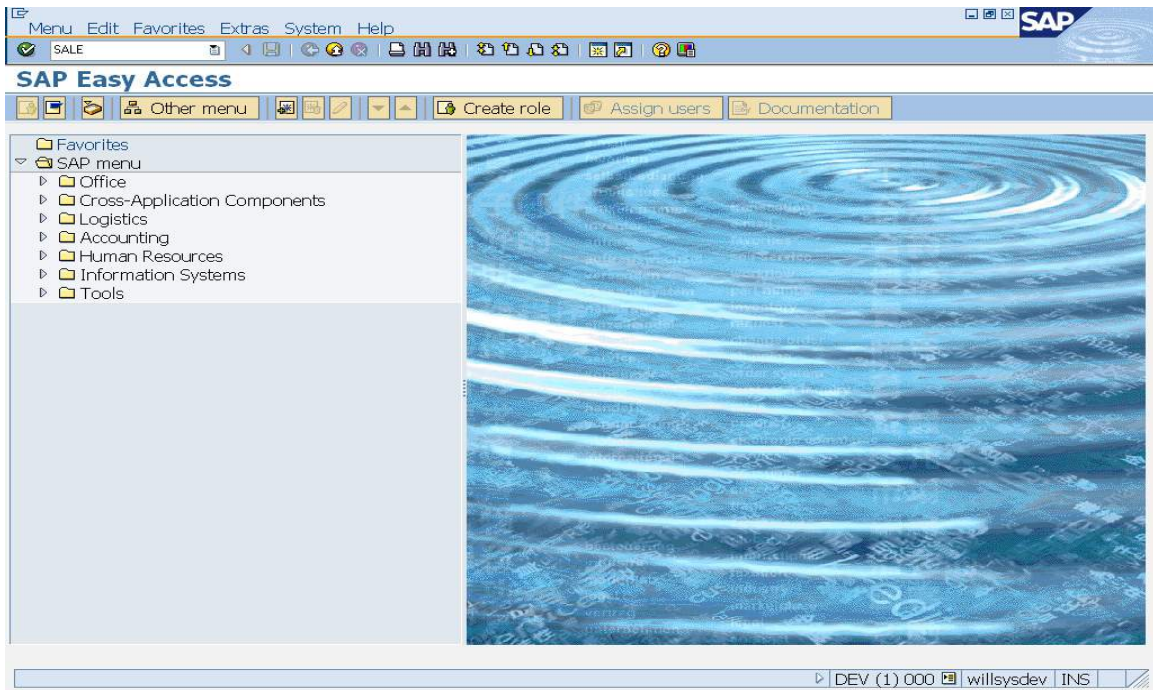
Note:-client copies always overwrites the existing data

LOCAL CLIENT COPY (SCCL)

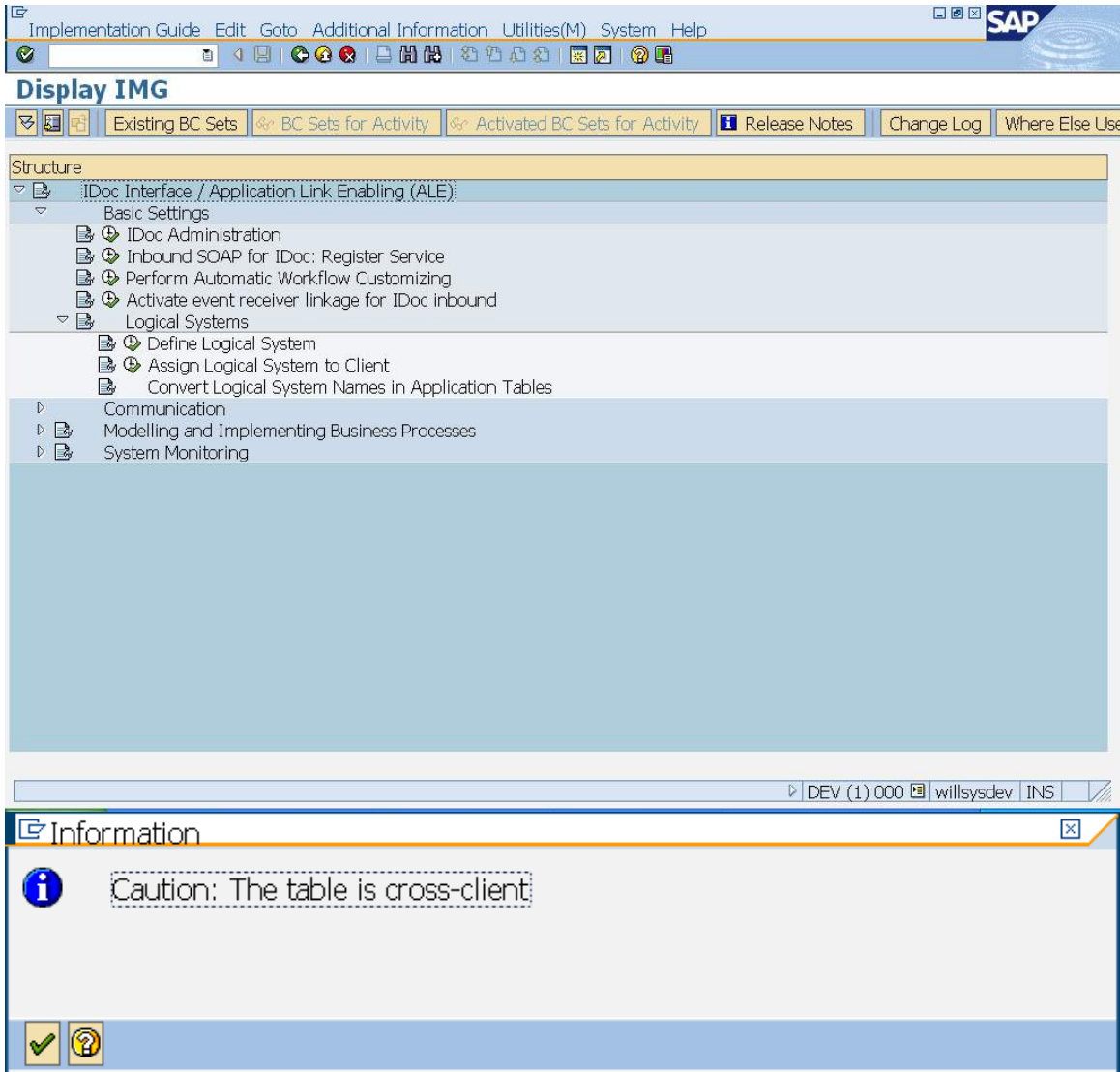
Log in to '000' client with user like 'DDIC'→



Execute Transaction Code "SALE"→



Navigate to Basic Settings→Logical Systems→Define Logical System→



The screenshot shows the SAP Display IMG (Implementation Guide) interface. The title bar reads "Display IMG". The menu bar includes "Implementation Guide", "Edit", "Goto", "Additional Information", "Utilities(M)", "System", and "Help". The SAP logo is visible in the top right corner. Below the menu bar, there are several tabs: "Existing BC Sets", "BC Sets for Activity", "Activated BC Sets for Activity", "Release Notes", "Change Log", and "Where Else Use". The main content area is titled "Structure" and shows a tree view for "IDoc Interface / Application Link Enabling (ALE)". The tree includes "Basic Settings" (with sub-items: IDoc Administration, Inbound SOAP for IDoc: Register Service, Perform Automatic Workflow Customizing, Activate event receiver linkage for IDoc inbound) and "Logical Systems" (with sub-items: Define Logical System, Assign Logical System to Client, Convert Logical System Names in Application Tables). Other categories like "Communication", "Modelling and Implementing Business Processes", and "System Monitoring" are also visible. At the bottom of the main area, the system context is shown as "DEV (1) 000 | willsysdev | INS". An "Information" dialog box is open, displaying a warning icon and the text "Caution: The table is cross-client". The dialog has a green checkmark icon and a question mark icon at the bottom left.

Click on “ok”→

CLIENT COPIES

Log_System	Name
DEVCLNT150	LOGICAL CLIENT FOR 150 CLIENT

Position... Entry 1 of 1

One entry chosen

DEV (1) 000 | willsysdev | INS

Click on “save” Button→

Execute Transaction Code “SCC4”→

Menu Edit Favorites Extras System Help

SCC4

SAP Easy Access

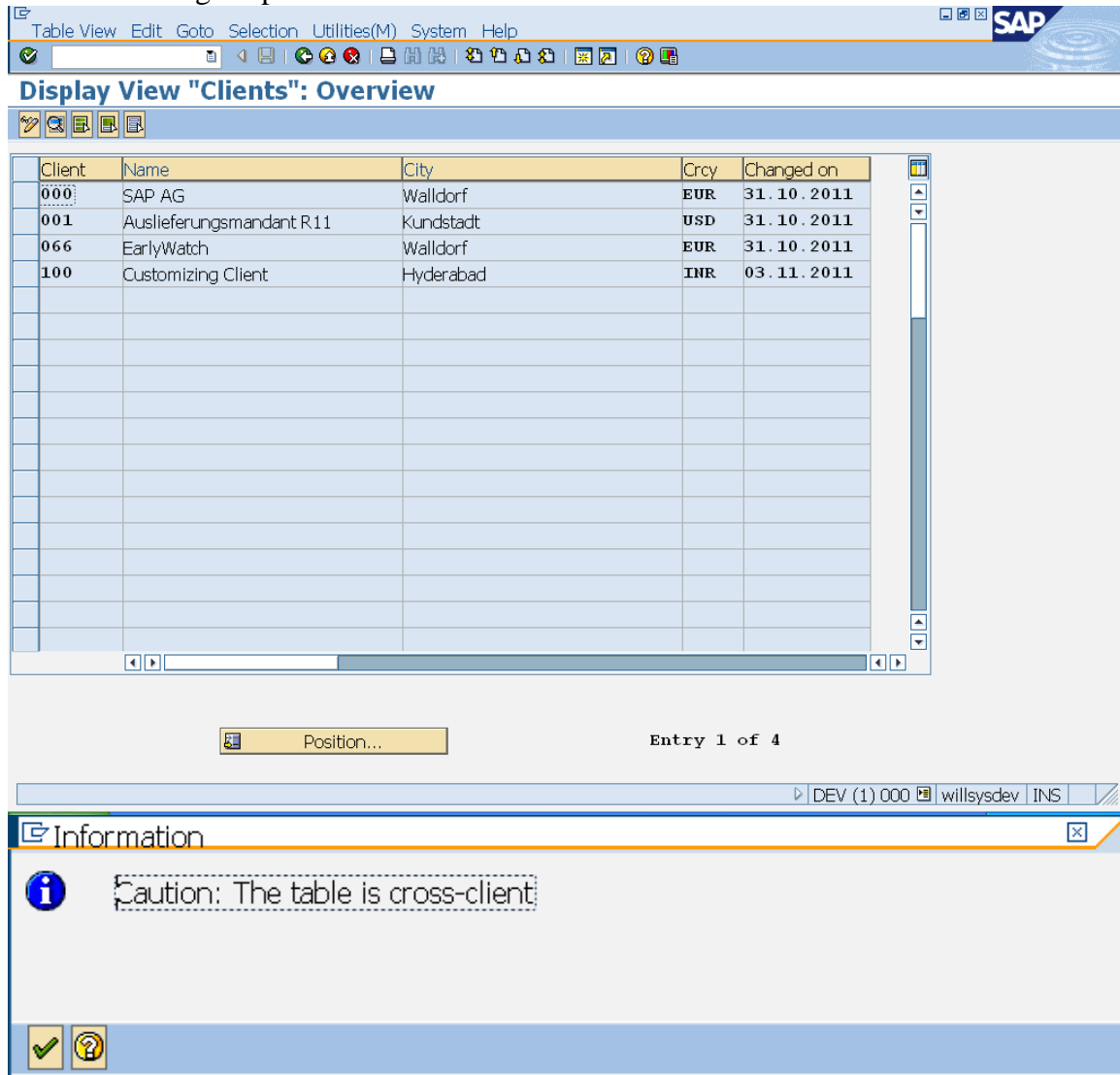
Other menu Create role Assign users Documentation

- Favorites
- SAP menu
 - Office
 - Cross-Application Components
 - Logistics
 - Accounting
 - Human Resources
 - Information Systems
 - Tools

DEV (1) 000 | willsysdev | INS

CLIENT COPIES

Click on “change” option→



The screenshot shows the SAP Display View 'Clients': Overview. The table contains the following data:

Client	Name	City	Crcy	Changed on
000	SAP AG	Walldorf	EUR	31.10.2011
001	Auslieferungsmandant R.11	Kundstadt	USD	31.10.2011
066	EarlyWatch	Walldorf	EUR	31.10.2011
100	Customizing Client	Hyderabad	INR	03.11.2011

Below the table, there is a 'Position...' button and the text 'Entry 1 of 4'. At the bottom, there is an 'Information' window with a message: 'Caution: The table is cross-client:'. The window also contains a checkmark icon and a question mark icon.

Click on “ok”→

Click on “New Entries”→

Table View Edit Goto Selection Utilities(M) System Help

Change View "Clients": Overview

New Entries

Client	Name	City	Crcy	Changed on
000	SAP AG	Walldorf	EUR	31.10.2011
001	Auslieferungsmandant R.11	Kundstadt	USD	31.10.2011
066	EarlyWatch	Walldorf	EUR	31.10.2011
100	Customizing Client	Hyderabad	INR	03.11.2011

Position... Entry 1 of 4

DEV (1) 000 | willsys | 2 of 24 - Clipboard Item collected.

Specify the client Number, Description, City, Logical System, Standard Currency and client Role→

Table View Edit Goto Selection Utilities(M) System Help

New Entries: Details of Added Entries

Client: []

City: [] Last Changed By: []

Logical system: [] Date: []

Std currency: []

Client role: []

Changes and Transports for Client-Specific Objects

- Changes without automatic recording
- Automatic recording of changes
- No changes allowed
- Changes w/o automatic recording, no transports allowed

Cross-Client Object Changes

Changes to Repository and cross-client Customizing allowed

Protection: Client Copier and Comparison Tool

Protection level 0: No restriction

CATT and eCATT Restrictions

DEV (1) 000 | willsysdev | INS

CLIENT COPIES

Table View Edit Goto Selection Utilities(M) System Help

Client: 150 DEVELOPMENT CLIENT

City: HYDERABAD Last Changed By: []

Logical system: DEVCLNT150 Date: []

Std currency: INR

Client role: Customizing

Changes and Transports for Client-Specific Objects

- Changes without automatic recording
- Automatic recording of changes
- No changes allowed
- Changes w/o automatic recording, no transports allowed

Cross-Client Object Changes

Changes to Repository and cross-client Customizing allowed

Protection: Client Copier and Comparison Tool

Protection level 0: No restriction

CATT and eCATT Restrictions

DEV (1) 000 | willsysdev | INS

Table View Edit Goto Selection Utilities(M) System Help

Changes and Transports for Client-Specific Objects

- Changes without automatic recording
- Automatic recording of changes
- No changes allowed
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Cross-Client Object Changes

Changes to Repository and cross-client Customizing allowed

Protection: Client Copier and Comparison Tool

Protection level 0: No restriction

CATT and eCATT Restrictions

eCATT and CATT Not Allowed

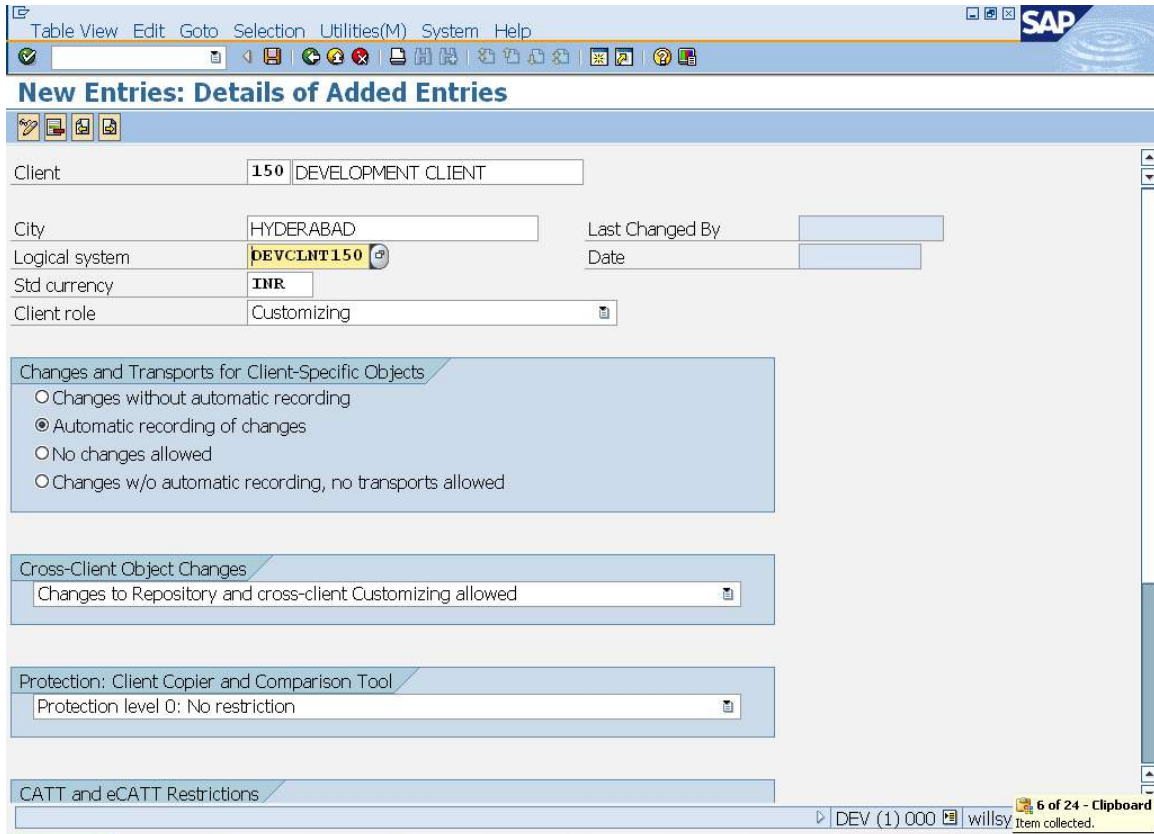
Restrictions

- Locked due to client copy
- Protection against SAP upgrade

DEV (1) 000 | willsysdev | INS

Click on “save”→

CLIENT COPIES



Client: 150 DEVELOPMENT CLIENT

City: HYDERABAD

Logical system: DEVCLNT150

Std currency: INR

Client role: Customizing

Changes and Transports for Client-Specific Objects

- Changes without automatic recording
- Automatic recording of changes
- No changes allowed
- Changes w/o automatic recording, no transports allowed

Cross-Client Object Changes

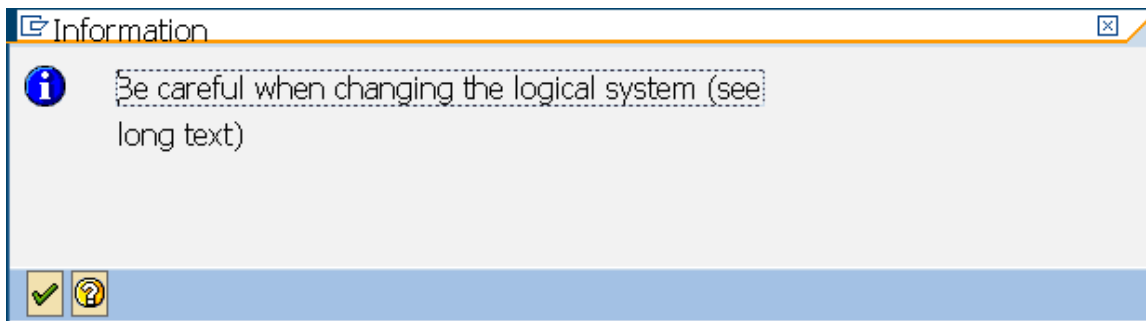
Changes to Repository and cross-client Customizing allowed

Protection: Client Copier and Comparison Tool

Protection level 0: No restriction

CATT and eCATT Restrictions

DEV (1) 000 | willsys | 6 of 24 - Clipboard
Item collected.



Information

Be careful when changing the logical system (see long text)

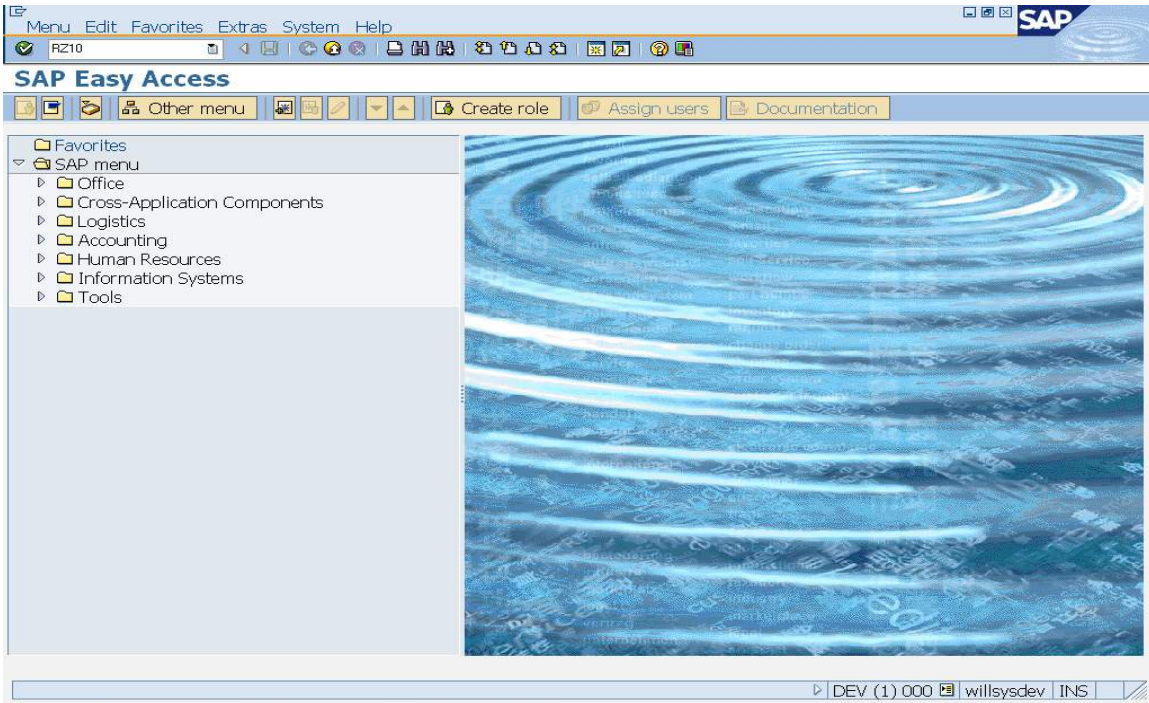
OK Help

Click on “ok”→

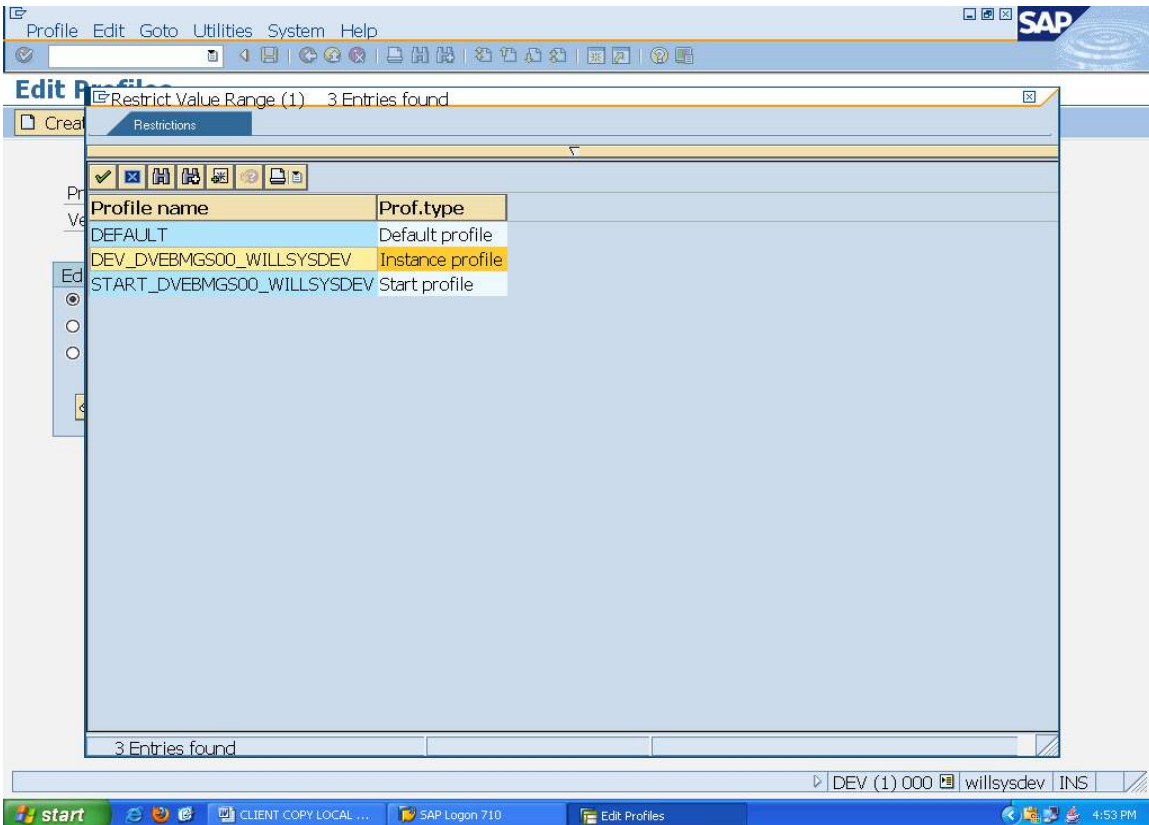
Now we have created a new client (150) but if you want to login to the New Client with Userid: ‘SAP*’ and password: ‘pass’ we need to configure a parameter in “RZ10”

Instance Profile

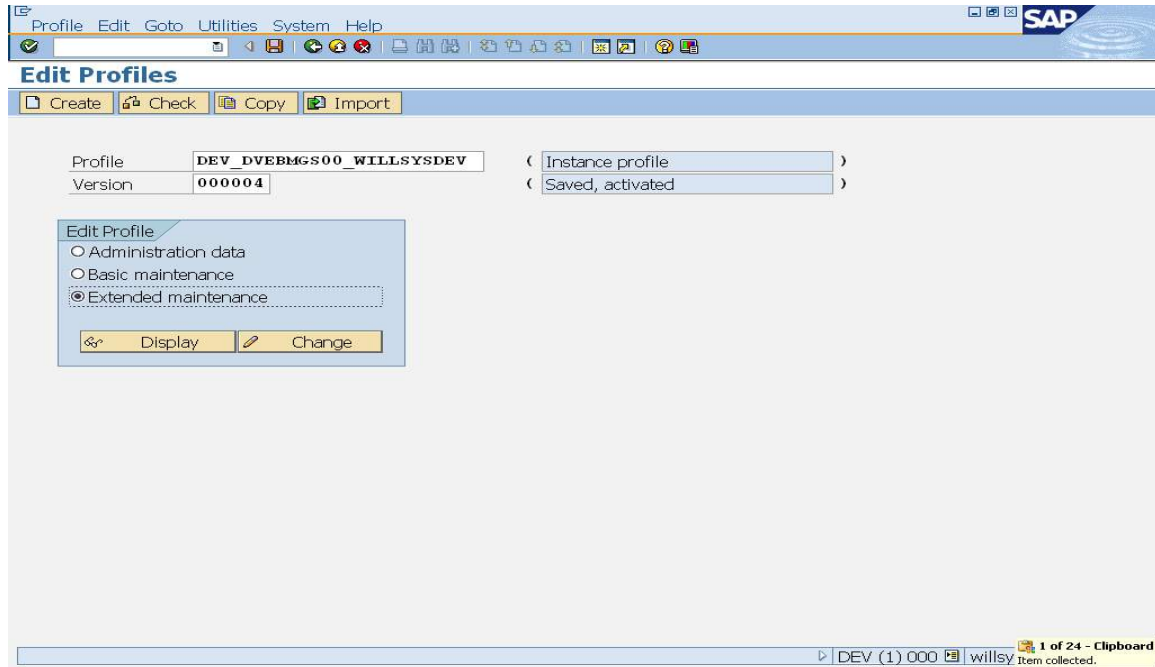
Execute Transaction Code “RZ10”→



Select the Instance Profile →

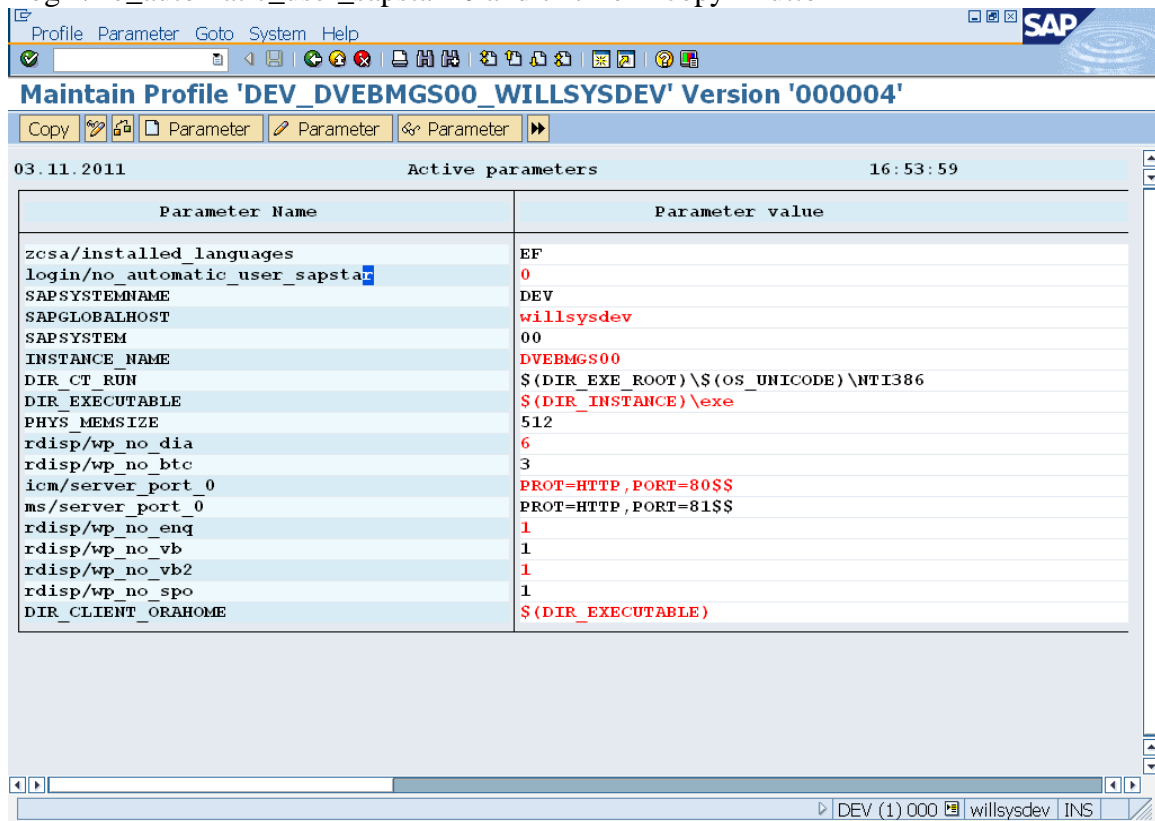


Select the “Extended Maintenance” and Click on “change” Button →



The screenshot shows the 'Edit Profiles' window in SAP. The 'Profile' field is set to 'DEV_DVEBMGS00_WILLSYSDEV' and the 'Version' is '000004'. There are two dropdown menus: 'Instance profile' (set to 'Saved, activated') and another dropdown. Below this, there is an 'Edit Profile' dialog box with three radio buttons: 'Administration data', 'Basic maintenance', and 'Extended maintenance' (which is selected). There are 'Display' and 'Change' buttons at the bottom of the dialog. The SAP status bar at the bottom shows 'DEV (1) 000' and 'willsys'.

Click on Create Parameter and specify the parameter as Login/no_automatic_user_sapstar=0 and click on “copy” Button→



The screenshot shows the 'Maintain Profile' window for 'DEV_DVEBMGS00_WILLSYSDEV' Version '000004'. The window title is 'Maintain Profile 'DEV_DVEBMGS00_WILLSYSDEV' Version '000004''. The date is '03.11.2011' and the time is '16:53:59'. The window contains a table of active parameters.

Parameter Name	Parameter value
zcsa/installed_languages	EF
login/no_automatic_user_sapstar	0
SAPSYSTEMNAME	DEV
SAPGLOBALHOST	willsysdev
SAPSYSTEM	00
INSTANCE_NAME	DVEBMGS00
DIR_CT_RUN	\$(DIR_EXE_ROOT)\\$(OS_UNICODE)\NTI386
DIR_EXECUTABLE	\$(DIR_INSTANCE)\exe
PHYS_MEMSIZE	512
rdisp/wp_no_dia	6
rdisp/wp_no_btc	3
icm/server_port_0	PROT=HTTP,PORT=80\$\$
ms/server_port_0	PROT=HTTP,PORT=81\$\$
rdisp/wp_no_enq	1
rdisp/wp_no_vb	1
rdisp/wp_no_vb2	1
rdisp/wp_no_spo	1
DIR_CLIENT_ORAHOME	\$(DIR_EXECUTABLE)

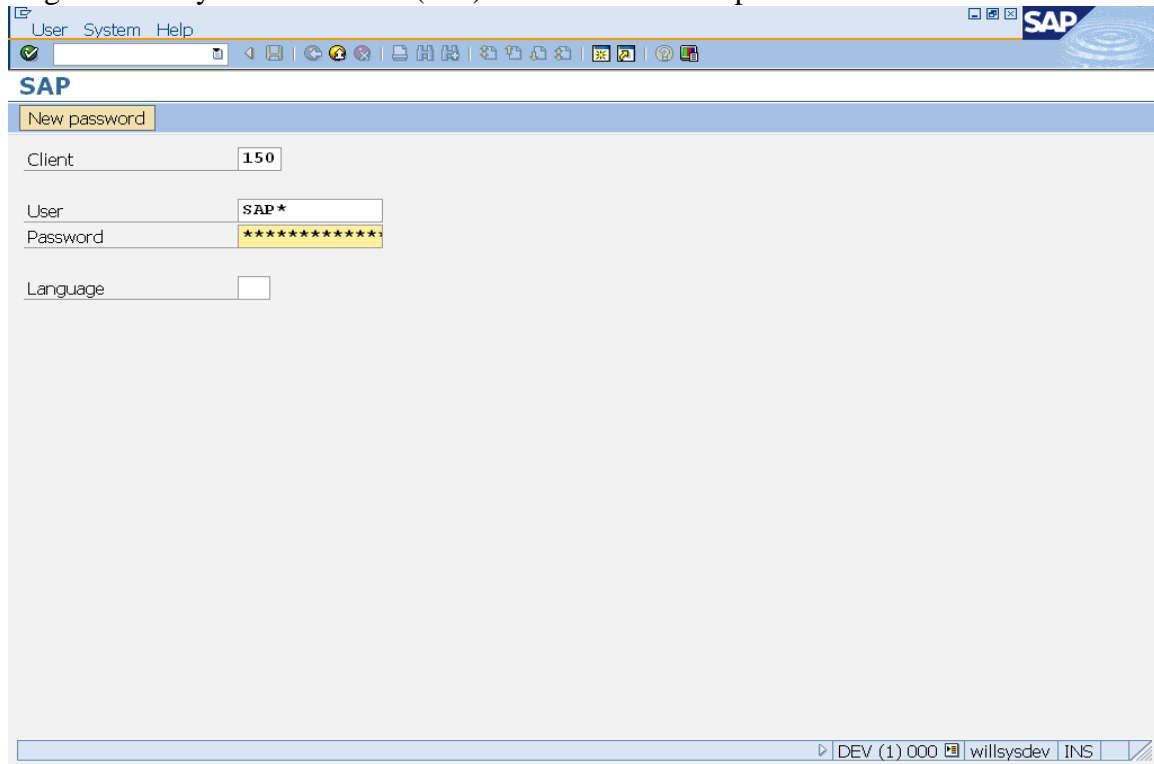
The SAP status bar at the bottom shows 'DEV (1) 000' and 'willsysdev INS'.

After this restart the SAP System

CLIENT COPIES

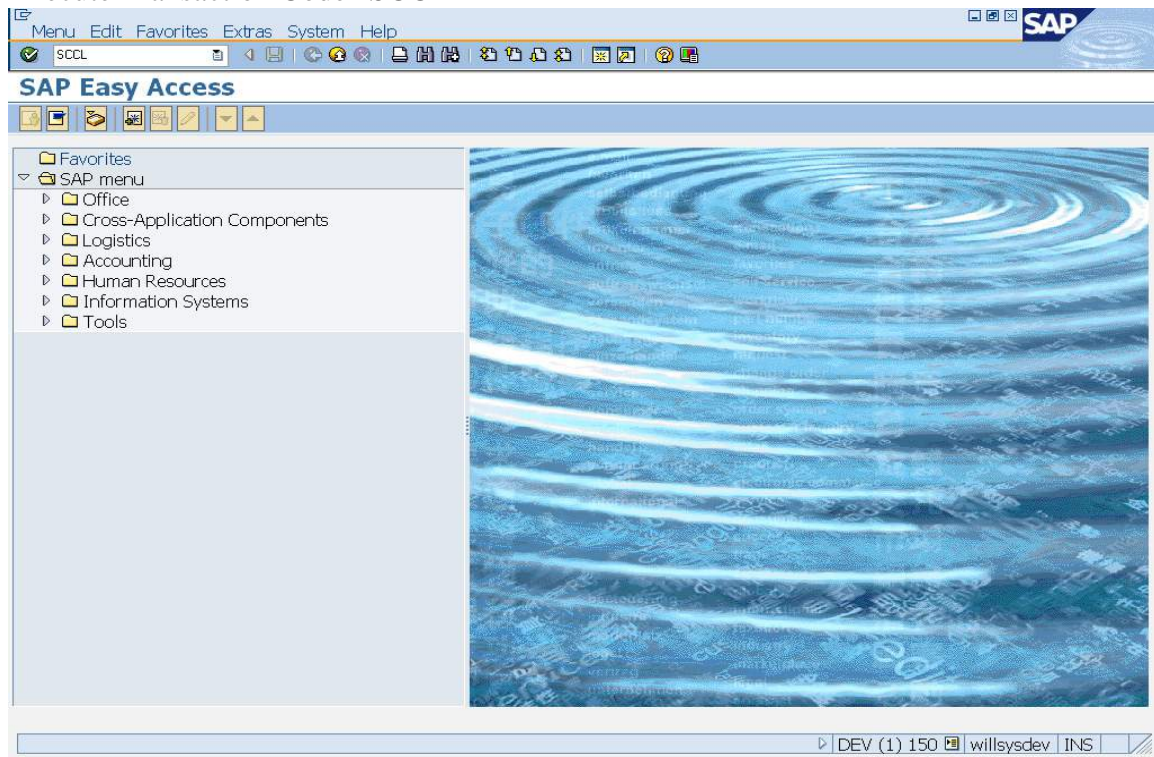
Confidential Document

Login to Newly Created Client (150) with “SAP*” and “pass”→



The screenshot shows the SAP login interface. At the top, there is a menu bar with 'User', 'System', and 'Help'. Below it is a toolbar with various icons. The main area is titled 'SAP' and contains a 'New password' section. The 'Client' field is set to '150'. The 'User' field is set to 'SAP*'. The 'Password' field is filled with asterisks. The 'Language' field is empty. At the bottom right, the status bar shows 'DEV (1) 000 | willsysdev | INS'.

Execute Transaction Code “SCCL”→



The screenshot shows the SAP Easy Access screen. At the top, there is a menu bar with 'Menu', 'Edit', 'Favorites', 'Extras', 'System', and 'Help'. Below it is a toolbar with various icons. The main area is titled 'SAP Easy Access' and contains a 'Favorites' section. The 'SAP menu' is expanded, showing a list of folders: 'Office', 'Cross-Application Components', 'Logistics', 'Accounting', 'Human Resources', 'Information Systems', and 'Tools'. The right side of the screen displays a blue background with a circular ripple effect. At the bottom right, the status bar shows 'DEV (1) 150 | willsysdev | INS'.

Client Copy Edit Goto Profile System Help

SAP

Client Copy - Copy a Client

Schedule as Background Job Start Immediately

Target Client: 150 DEVELOPMENT CLIENT
 Selected Profile: SAP_USER
 Description: User Master Records and Authorization Profiles
 Source Client: 000 P A6

Test Run

DEV (1) 150 willsysdev INS

Profiles: Selection

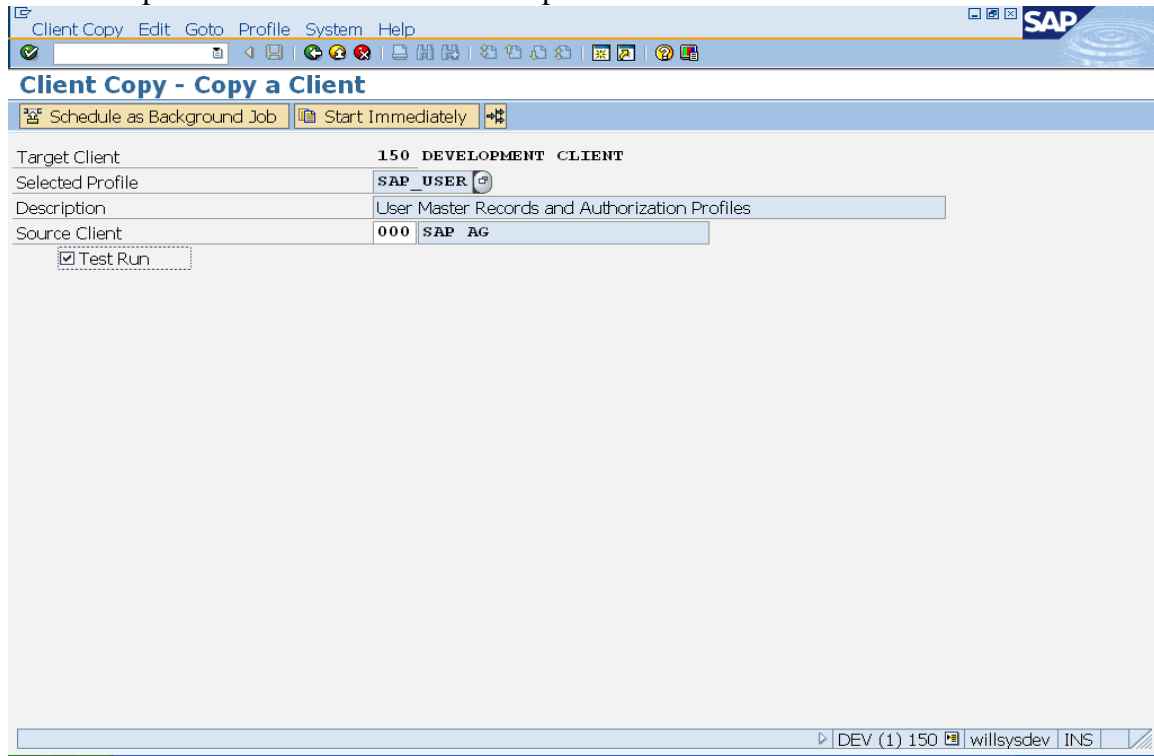
Copy Tables from a Client 1

Profiles	Meaning	Value
SAP_ALL	All Client-Specific Data w/o Change Documents	➔
SAP_APPL	Customizing and Application Data w/o Change Docs	➔
SAP_APPX	SAP_APPL w/o Authorization Profiles and Roles	
SAP_CUST	Customizing	
SAP_CUSV	Customizing and User Variants	➔
SAP_CUSX	Customizing w/o Authorization Profiles and Roles	
SAP_PROF	Only Authorization Profiles and Roles	
SAP_UCSV	Customizing, User Master Records and User Variants	➔
SAP_UCUS	Customizing and User Master Records	➔
SAP_UONL	User Without Authorization Profiles and Roles	
SAP_USER	User Master Records and Authorization Profiles	➔

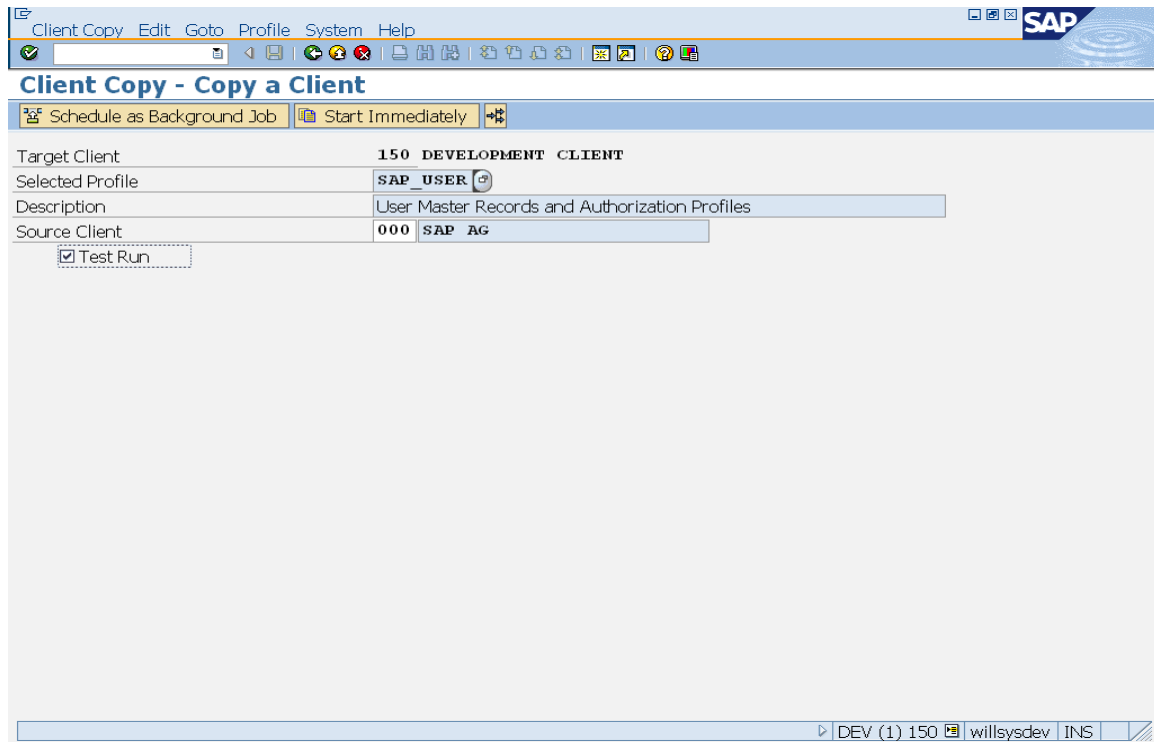
Choose

CLIENT COPIES

Select the profile and click on “choose” option→



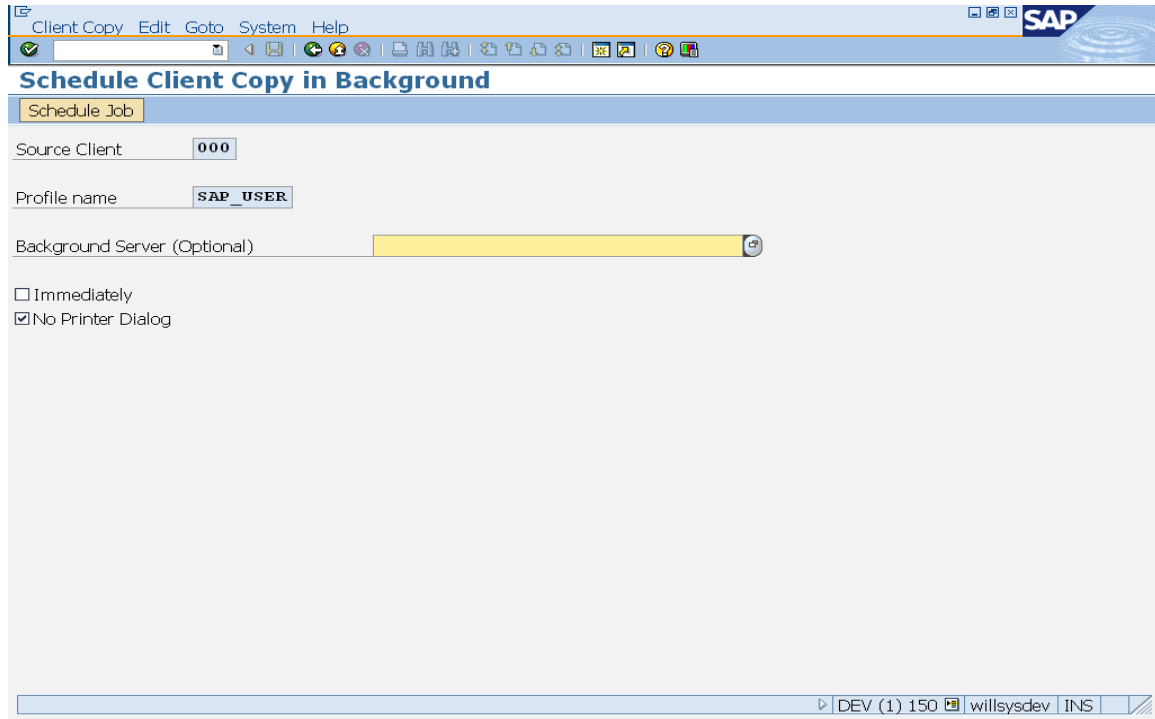
The screenshot shows the SAP 'Client Copy - Copy a Client' dialog box. The 'Target Client' is '150 DEVELOPMENT CLIENT'. The 'Selected Profile' is 'SAP_USER', with a 'choose' button next to it. The 'Description' is 'User Master Records and Authorization Profiles'. The 'Source Client' is '000 SAP AG'. The 'Test Run' checkbox is checked. The status bar at the bottom shows 'DEV (1) 150 | willsysdev | INS'.



This is a duplicate of the screenshot above, showing the same SAP 'Client Copy - Copy a Client' dialog box with the 'Test Run' checkbox checked.

We need to select the “Test Run” so that it will check all the tables and Resources→

CLIENT COPIES



Client Copy Edit Goto System Help

Schedule Client Copy in Background

Schedule Job

Source Client: 000

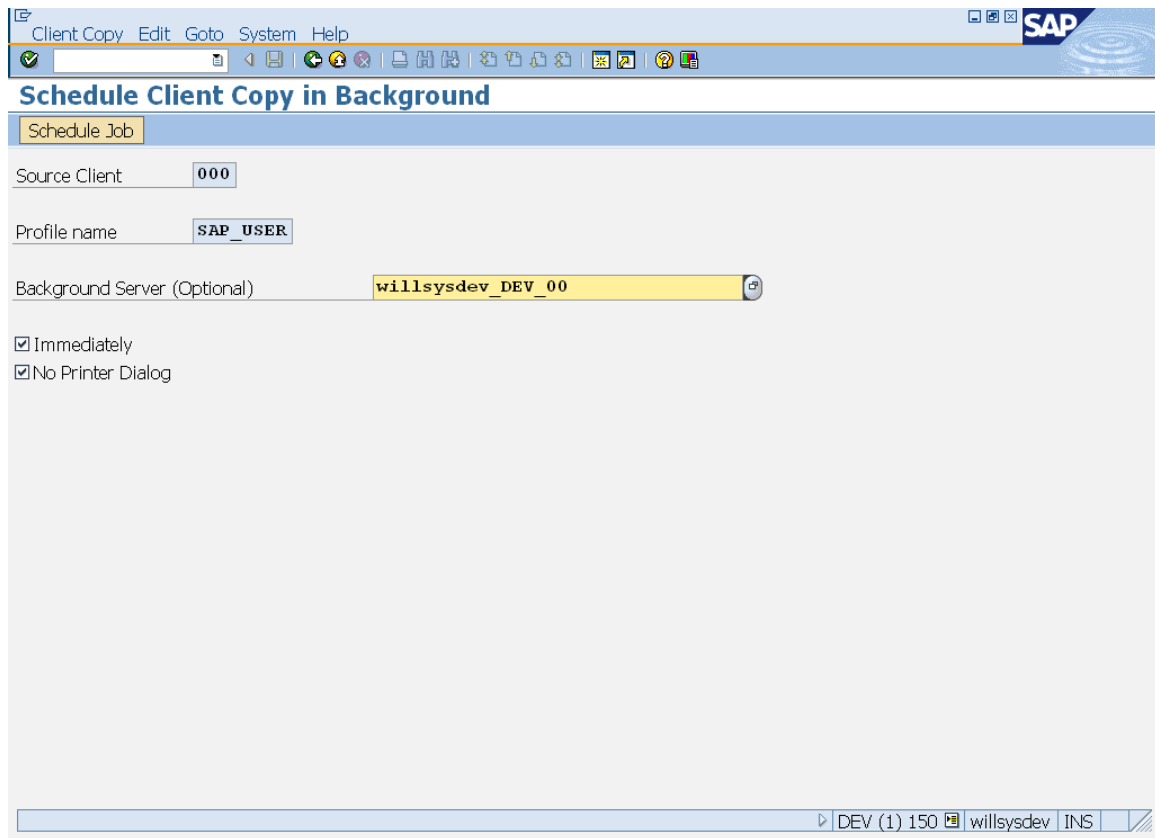
Profile name: SAP_USER

Background Server (Optional):

Immediately

No Printer Dialog

DEV (1) 150 | willsysdev | INS



Client Copy Edit Goto System Help

Schedule Client Copy in Background

Schedule Job

Source Client: 000

Profile name: SAP_USER

Background Server (Optional): willsysdev_DEV_00

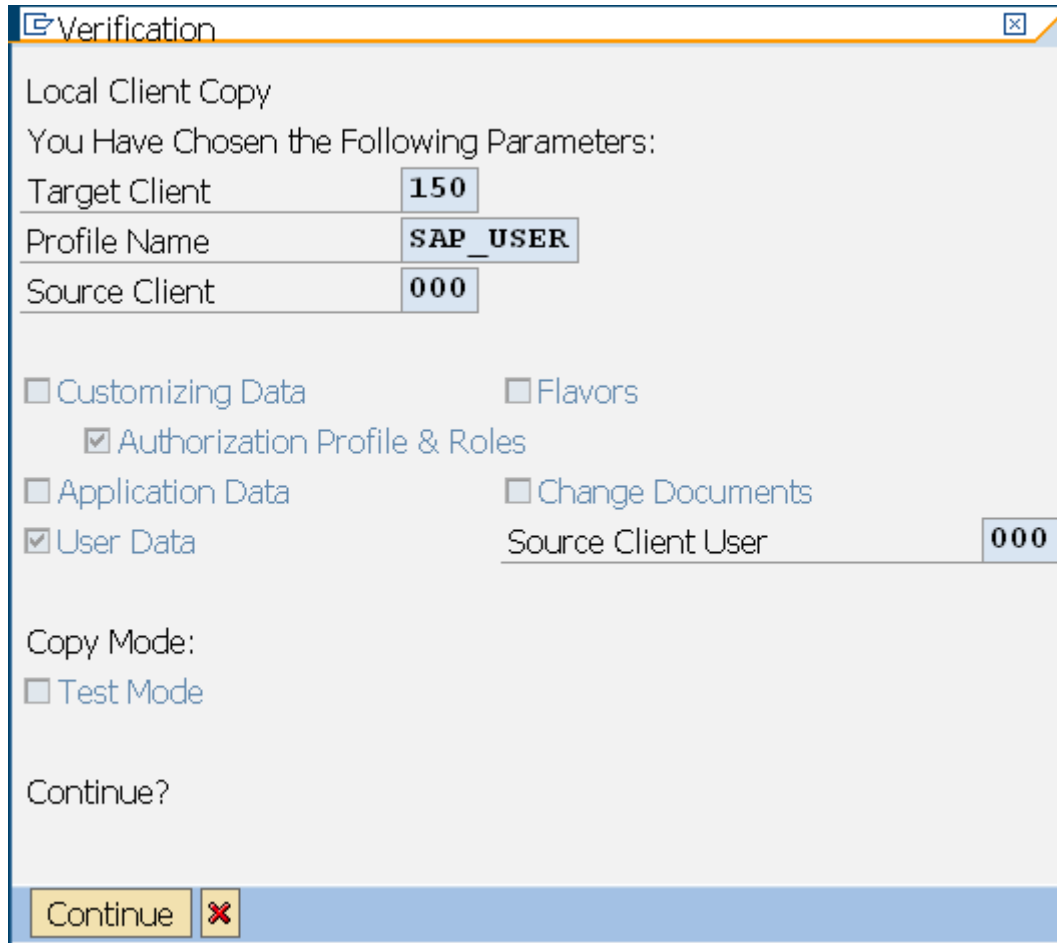
Immediately

No Printer Dialog

DEV (1) 150 | willsysdev | INS

Specify the “Background Server” and Click on “Schedule Job”→

Page 16 of 57.



Verification

Local Client Copy
You Have Chosen the Following Parameters:


Target Client	150
Profile Name	SAP_USER
Source Client	000

Customizing Data Flavors
 Authorization Profile & Roles

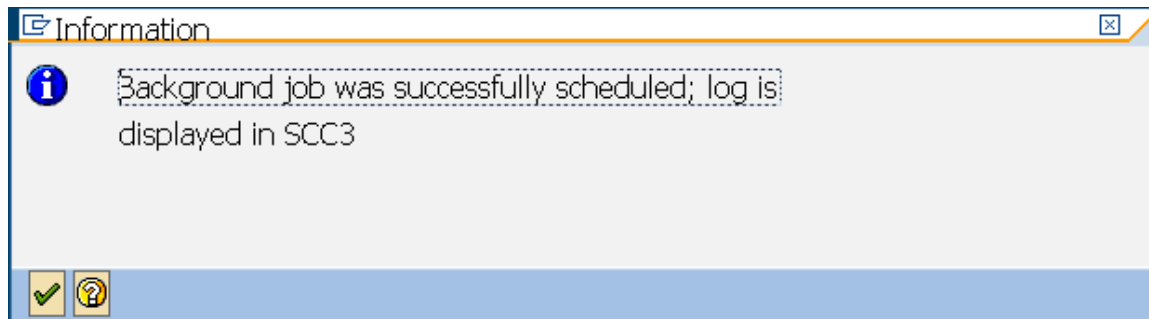
Application Data Change Documents
 User Data Source Client User

Copy Mode:
 Test Mode


Continue?



Continue 

Click on “continue”→



Information

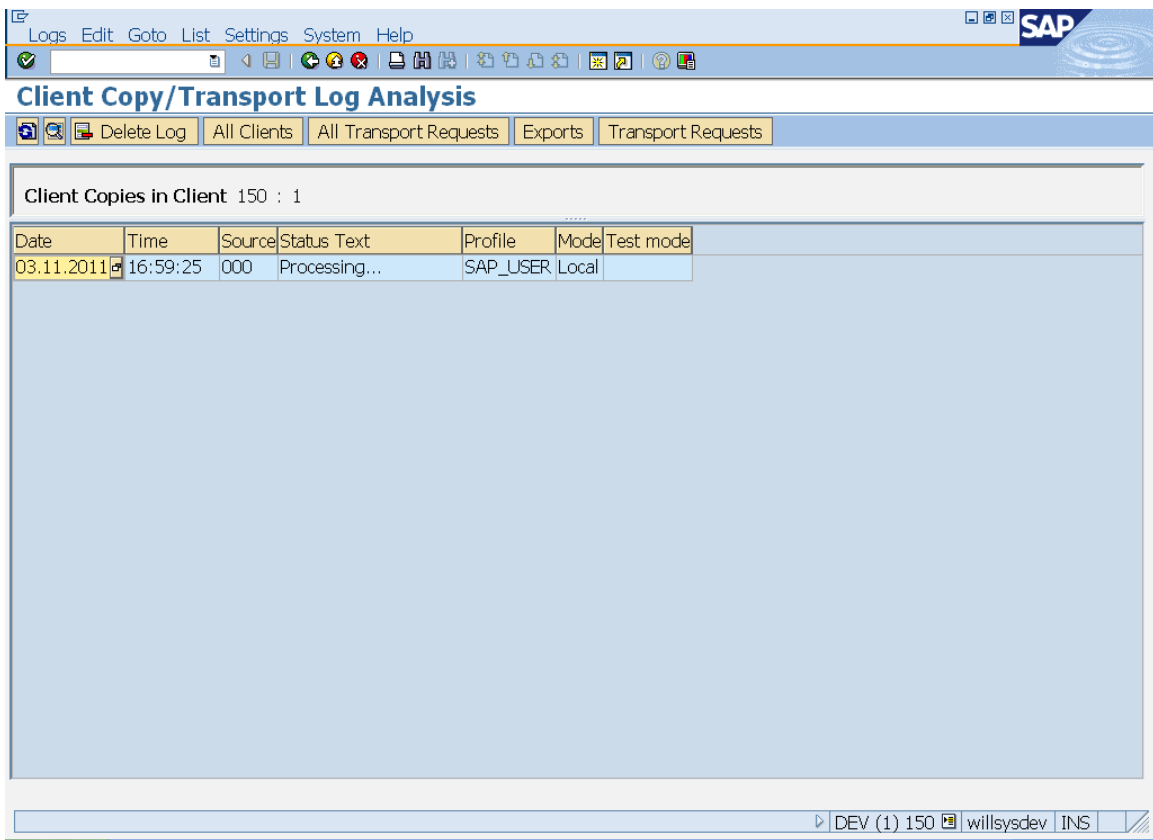
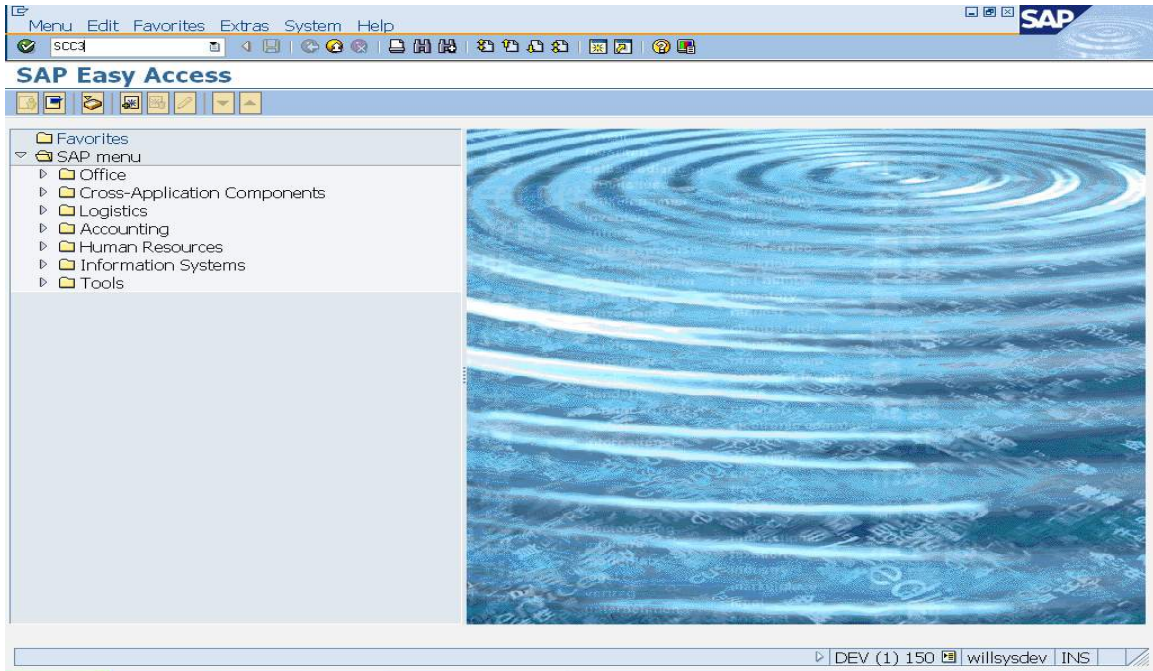
 Background job was successfully scheduled; log is displayed in SCC3

Click on “ok” the scheduling of Local client copy is done

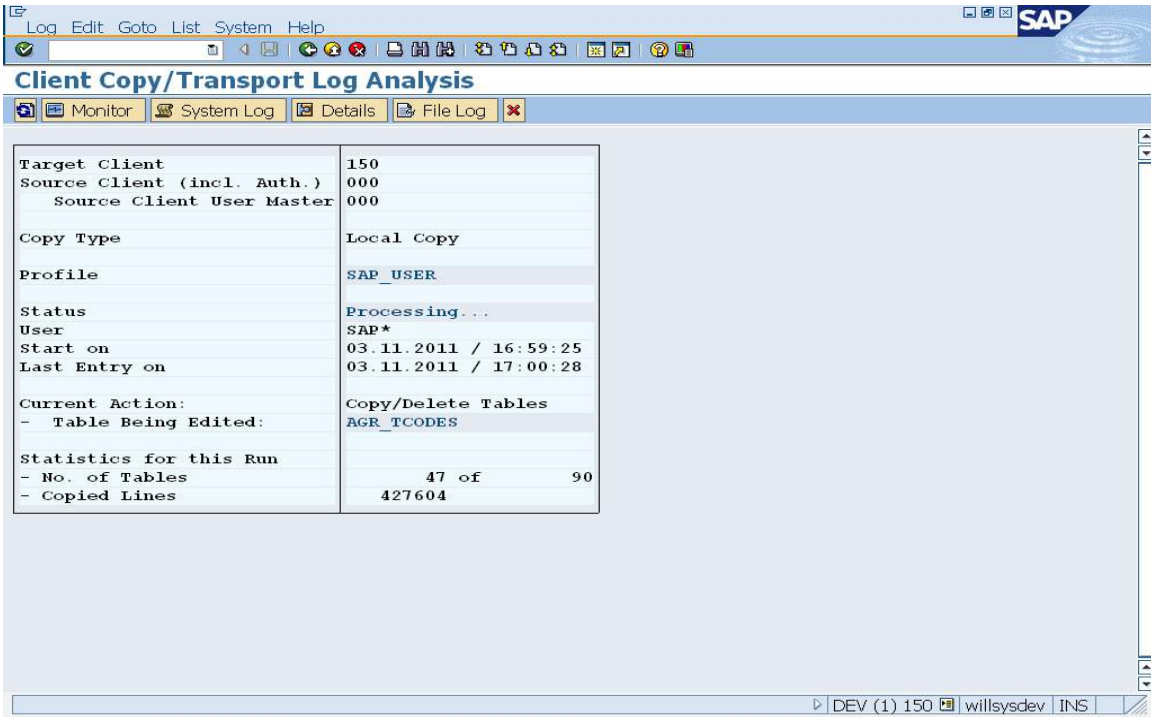
MONITORING: SCC3

Execute Transaction Code “SCC3”→



Double Click on the task →

CLIENT COPIES



Log Edit Goto List System Help

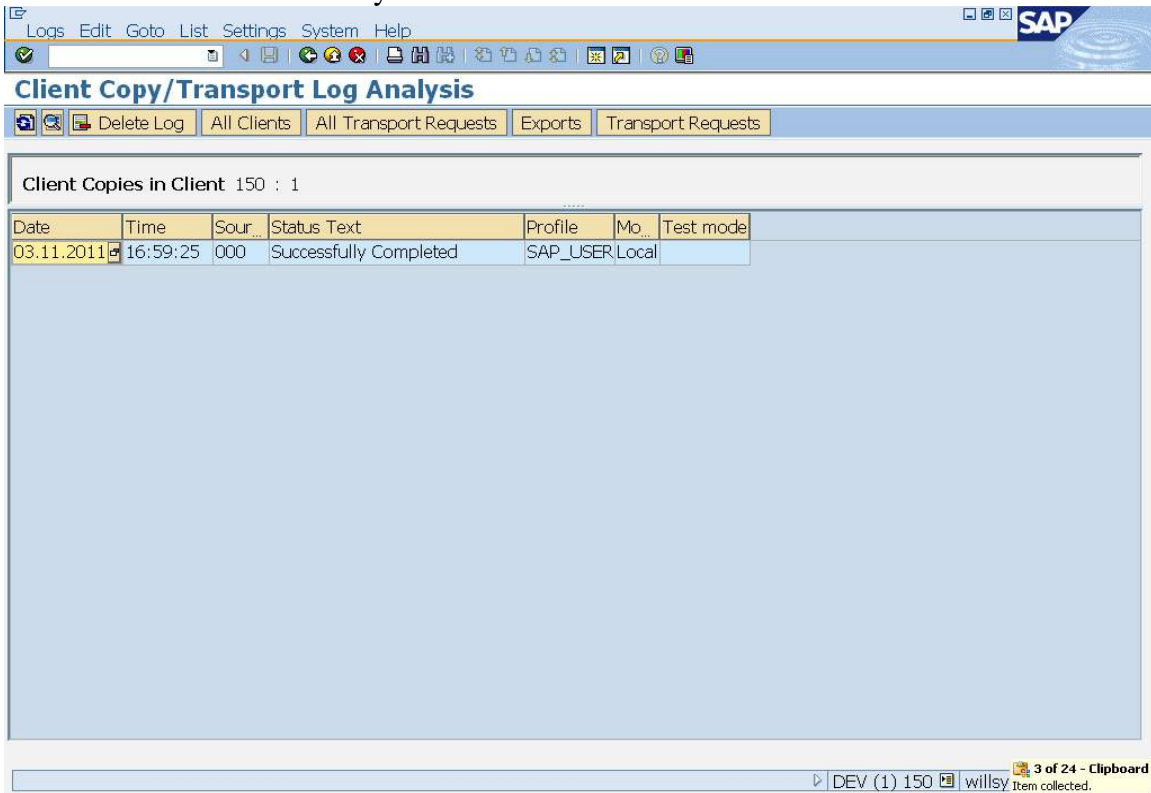
Client Copy/Transport Log Analysis

Monitor System Log Details File Log

Target Client	150
Source Client (incl. Auth.)	000
Source Client User Master	000
Copy Type	Local Copy
Profile	SAP_USER
Status	Processing...
User	SAP*
Start on	03.11.2011 / 16:59:25
Last Entry on	03.11.2011 / 17:00:28
Current Action:	Copy/Delete Tables
- Table Being Edited:	AGR_TCODES
Statistics for this Run	
- No. of Tables	47 of 90
- Copied Lines	427604

DEV (1) 150 | willsysdev | INS

Here we can check how many tables are there



Logs Edit Goto List Settings System Help

Client Copy/Transport Log Analysis

Delete Log All Clients All Transport Requests Exports Transport Requests

Client Copies in Client 150 : 1

Date	Time	Sour...	Status Text	Profile	Mo...	Test mode
03.11.2011	16:59:25	000	Successfully Completed	SAP_USER	Local	

DEV (1) 150 | willsys | 3 of 24 - Clipboard Item collected.

We need to check the status text with successfully completed.

Local Client Copy is done successfully.

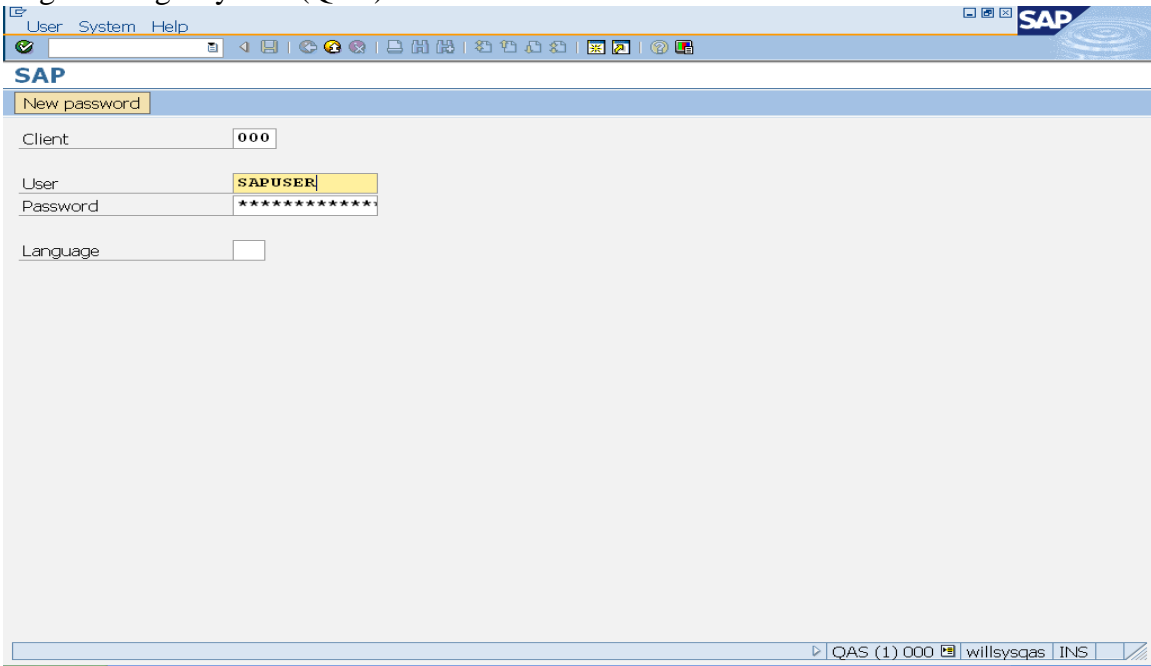
Page 19 of 57.

REMOTE CLIENT COPY (SCC9)

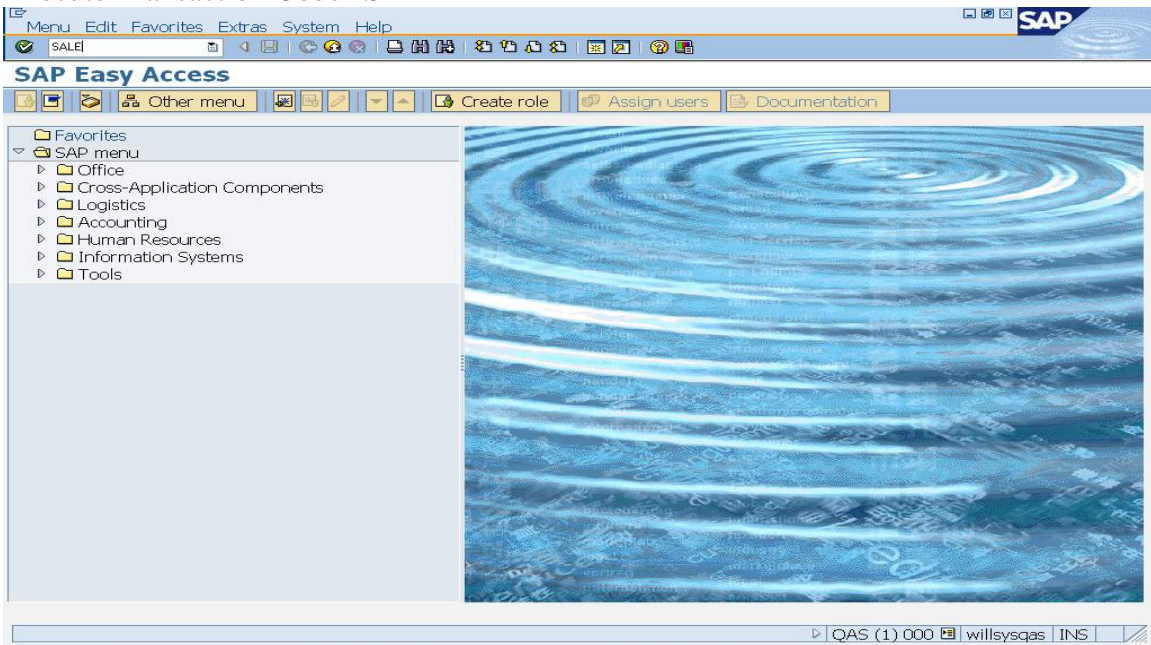
DEV→SOURCE (000)

QAS→TARGET (200)

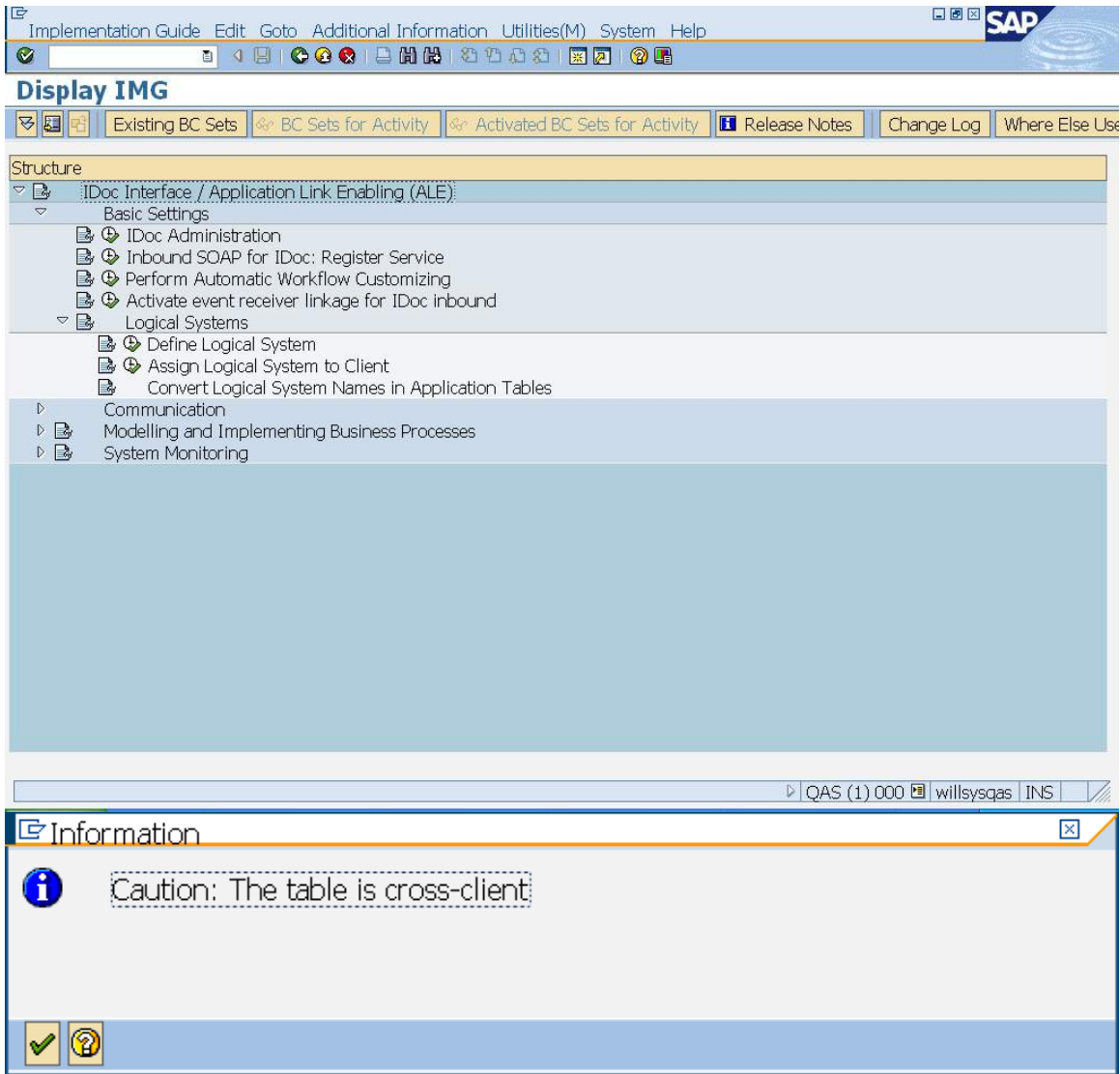
Login to target system (QAS) with '000' client with user like DDIC→



Execute Transaction Code "SALE"→



Navigate to Basic Settings→Logical Systems→Define Logical System→

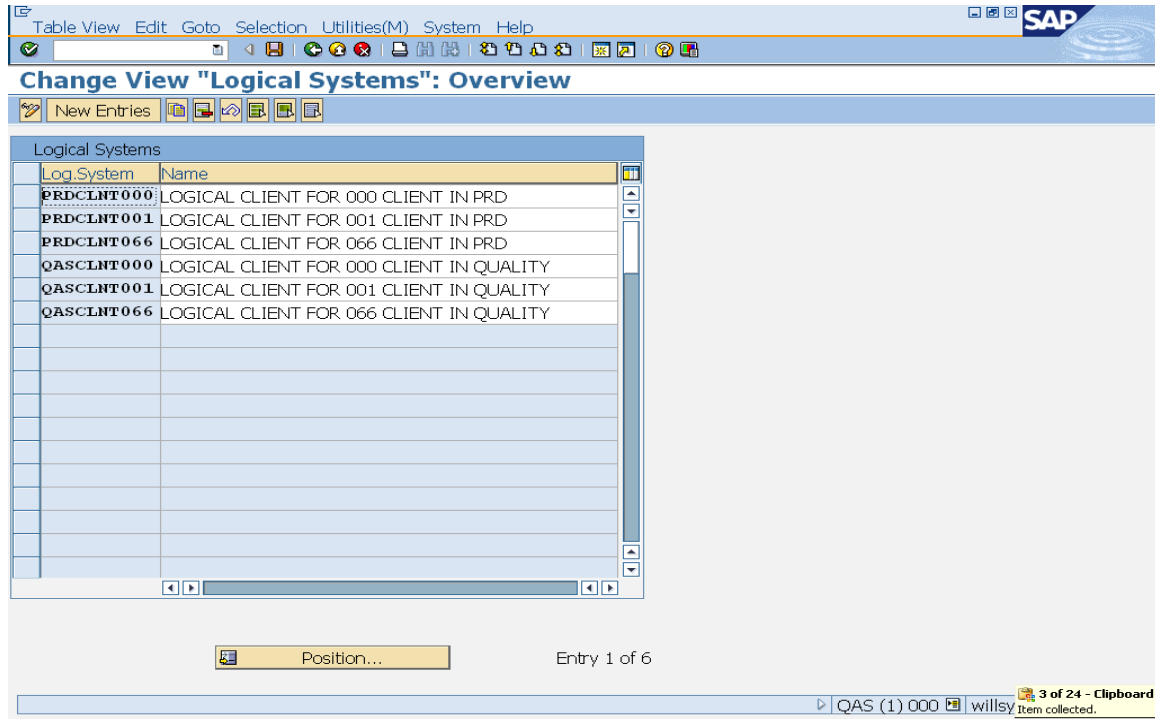


The screenshot shows the SAP Implementation Guide (IMG) interface. The main window displays the 'Structure' of the 'IDoc Interface / Application Link Enabling (ALE)' project. The tree view includes 'Basic Settings' (with sub-items: IDoc Administration, Inbound SOAP for IDoc: Register Service, Perform Automatic Workflow Customizing, Activate event receiver linkage for IDoc inbound) and 'Logical Systems' (with sub-items: Define Logical System, Assign Logical System to Client, Convert Logical System Names in Application Tables). Other categories like 'Communication', 'Modelling and Implementing Business Processes', and 'System Monitoring' are also visible.

An 'Information' dialog box is open at the bottom, displaying a warning icon and the text: 'Caution: The table is cross-client:'. The dialog has a blue header with the title 'Information' and a close button. At the bottom of the dialog are a green checkmark icon and a yellow question mark icon.

Click on “ok”→

CLIENT COPIES



SAP Table View | Edit | Goto | Selection | Utilities(M) | System | Help

Change View "Logical Systems": Overview

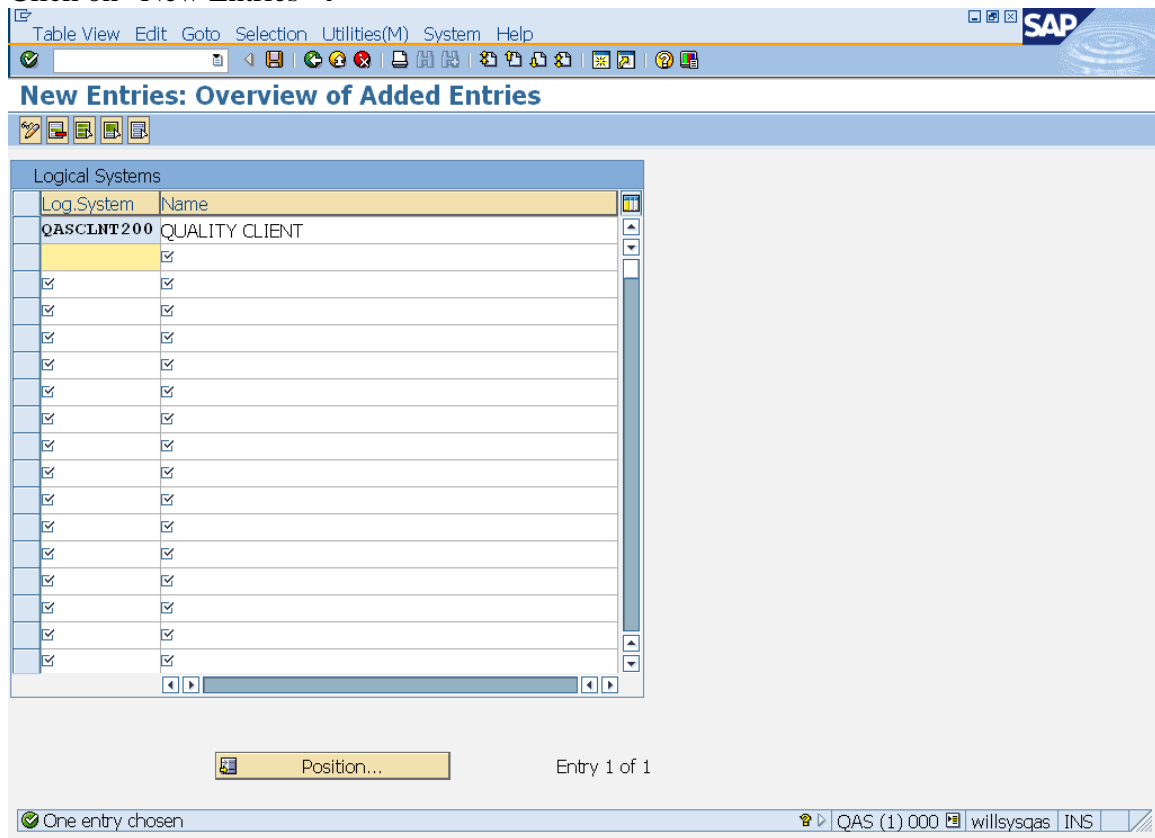
New Entries

Log_System	Name
PRDCLNT000	LOGICAL CLIENT FOR 000 CLIENT IN PRD
PRDCLNT001	LOGICAL CLIENT FOR 001 CLIENT IN PRD
PRDCLNT066	LOGICAL CLIENT FOR 066 CLIENT IN PRD
QASCLNT000	LOGICAL CLIENT FOR 000 CLIENT IN QUALITY
QASCLNT001	LOGICAL CLIENT FOR 001 CLIENT IN QUALITY
QASCLNT066	LOGICAL CLIENT FOR 066 CLIENT IN QUALITY

Position... Entry 1 of 6

QAS (1) 000 | willsys | 3 of 24 - Clipboard
Item collected.

Click on "New Entries"→



SAP Table View | Edit | Goto | Selection | Utilities(M) | System | Help

New Entries: Overview of Added Entries

Log_System	Name
QASCLNT200	QUALITY CLIENT
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Position... Entry 1 of 1

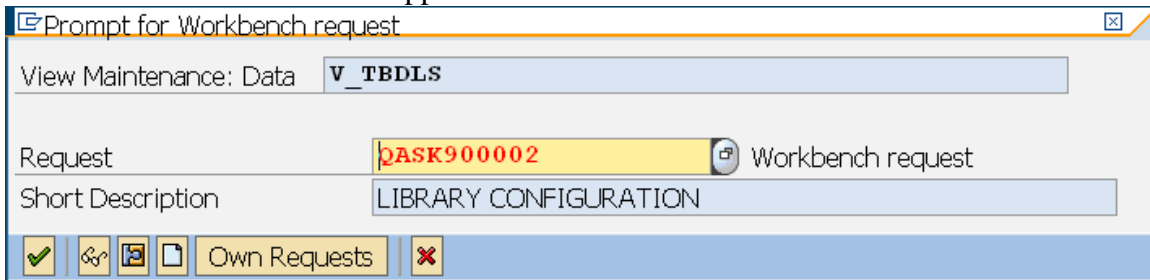
One entry chosen | QAS (1) 000 | willsysqas | INS

Specify the Logical system and click on 'save'→

CLIENT COPIES

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So that the below wizard will appear→



Prompt for Workbench request

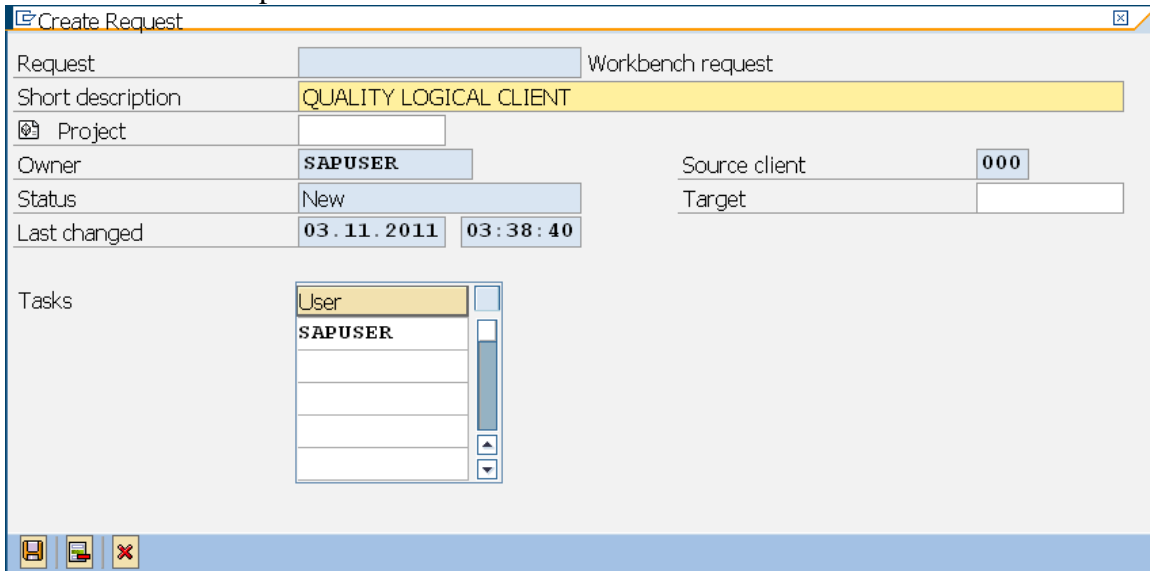
View Maintenance: Data **V_TBDLS**

Request **QASK900002** Workbench request

Short Description **LIBRARY CONFIGURATION**

Own Requests

Click on “Create” option→



Create Request

Request Workbench request

Short description **QUALITY LOGICAL CLIENT**

Project

Owner **SAPUSER** Source client **000**

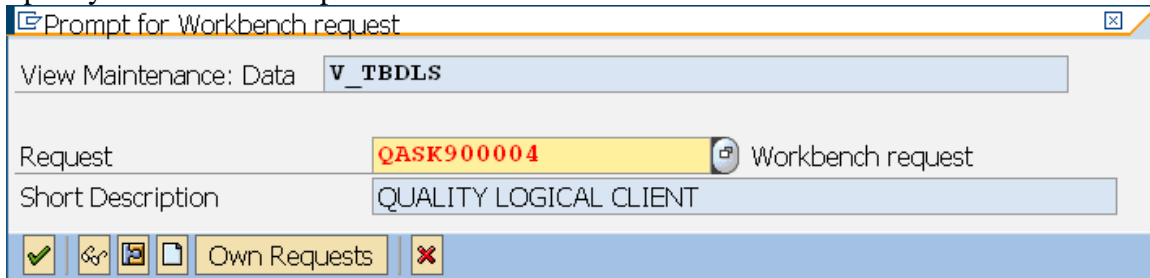
Status **New** Target

Last changed **03.11.2011 03:38:40**

Tasks

User
SAPUSER

Specify the Short Description and click on “save” button→



Prompt for Workbench request

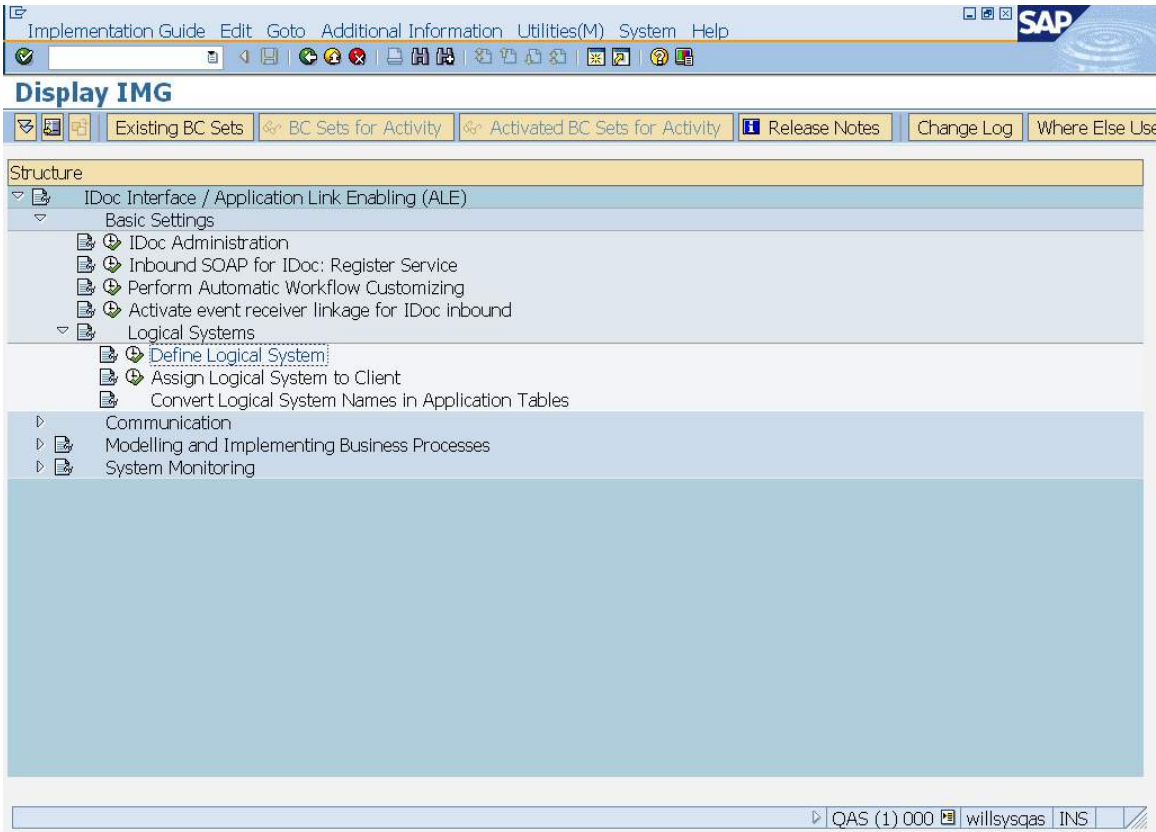
View Maintenance: Data **V_TBDLS**

Request **QASK900004** Workbench request

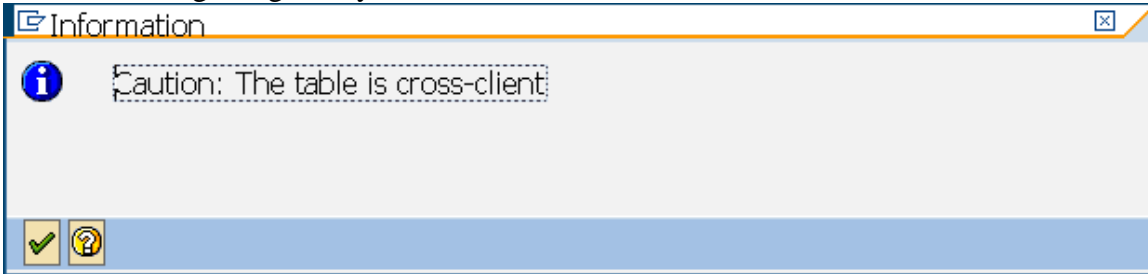
Short Description **QUALITY LOGICAL CLIENT**

Own Requests

Click on “ok”→



Click on “Assign Logical Systems to Client”→



Click on “ok”→

CLIENT COPIES

Table View Edit Goto Selection Utilities(M) System Help

New Entries: Details of Added Entries

Client: []

City: [] Last Changed By: []

Logical system: [] Date: []

Std currency: []

Client role: []

Changes and Transports for Client-Specific Objects

- Changes without automatic recording
- Automatic recording of changes
- No changes allowed
- Changes w/o automatic recording, no transports allowed

Cross-Client Object Changes

Changes to Repository and cross-client Customizing allowed

Protection: Client Copier and Comparison Tool

Protection level 0: No restriction

CATT and eCATT Restrictions

QAS (1) 000 | willsysqas | INS

Specify the Client Number, Description, city, logical system, standard currency, client role and click on “save”→

Table View Edit Goto Selection Utilities(M) System Help

New Entries: Details of Added Entries

Client: 200 | QUALITY CLIENT

City: HYDERABAD Last Changed By: []

Logical system: QASCLNT200 Date: []

Std currency: INR

Client role: Test

Changes and Transports for Client-Specific Objects

- Changes without automatic recording
- Automatic recording of changes
- No changes allowed
- Changes w/o automatic recording, no transports allowed

Cross-Client Object Changes

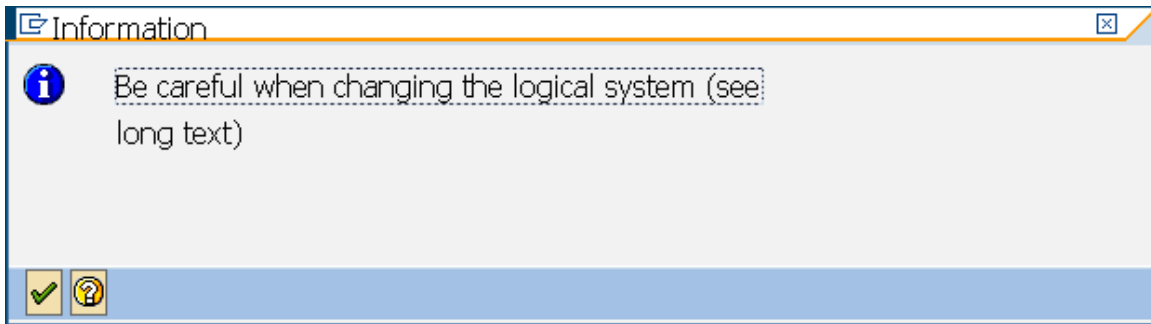
Changes to Repository and cross-client Customizing allowed

Protection: Client Copier and Comparison Tool

Protection level 0: No restriction

CATT and eCATT Restrictions

QAS (1) 000 | willsysqas | INS

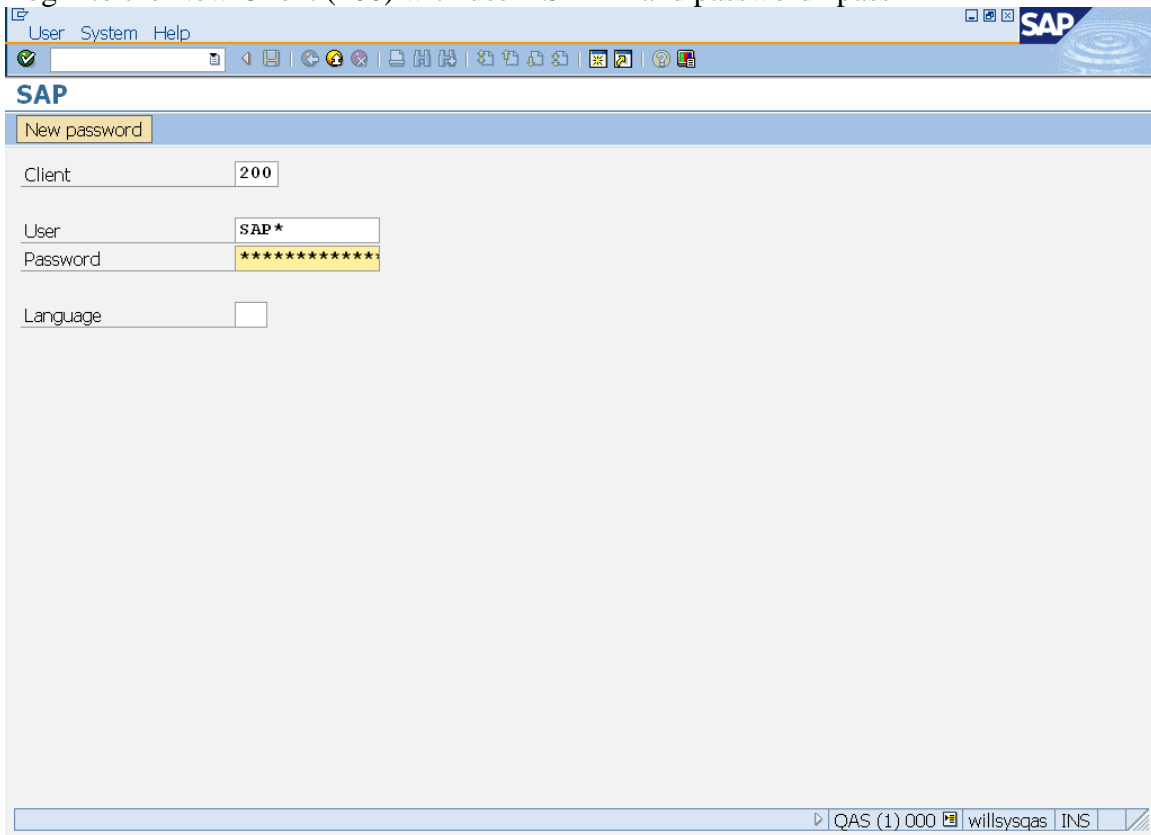


Click on “ok”→

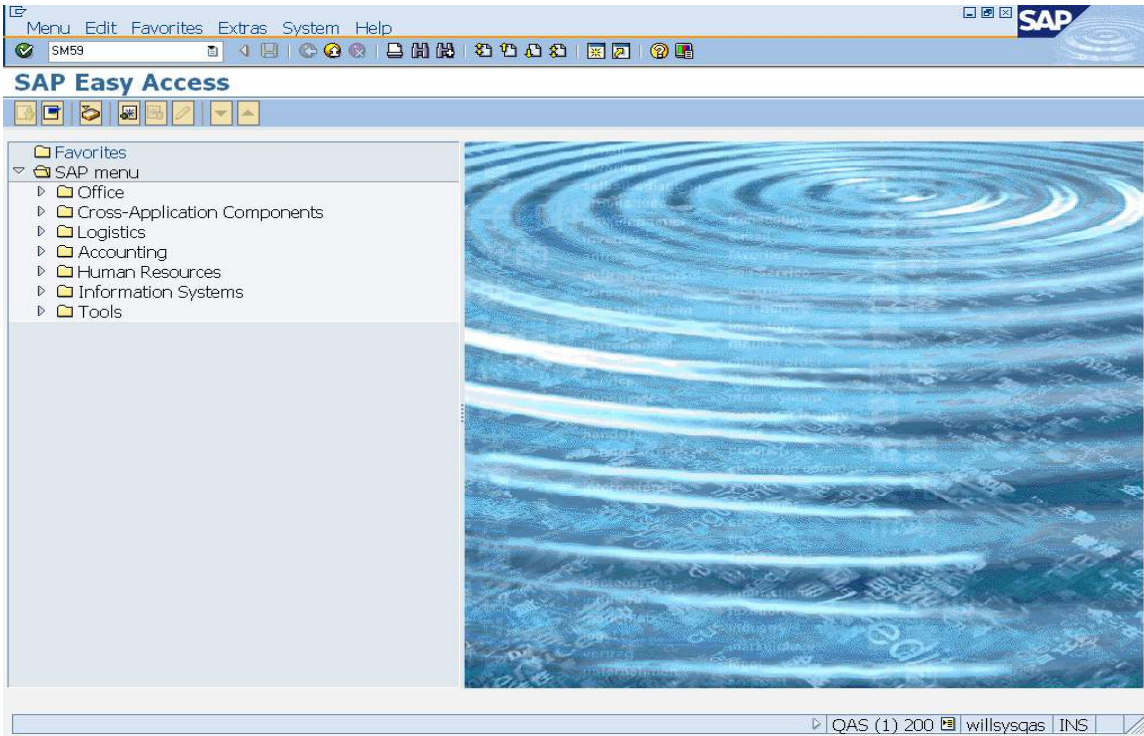
If we want to login to the newly created client we need to maintain some parameters in Instance Profile

Execute Transaction Code RZ10→select the Instance Profile→specify the parameter login/no_automatic_user_sapstar=0

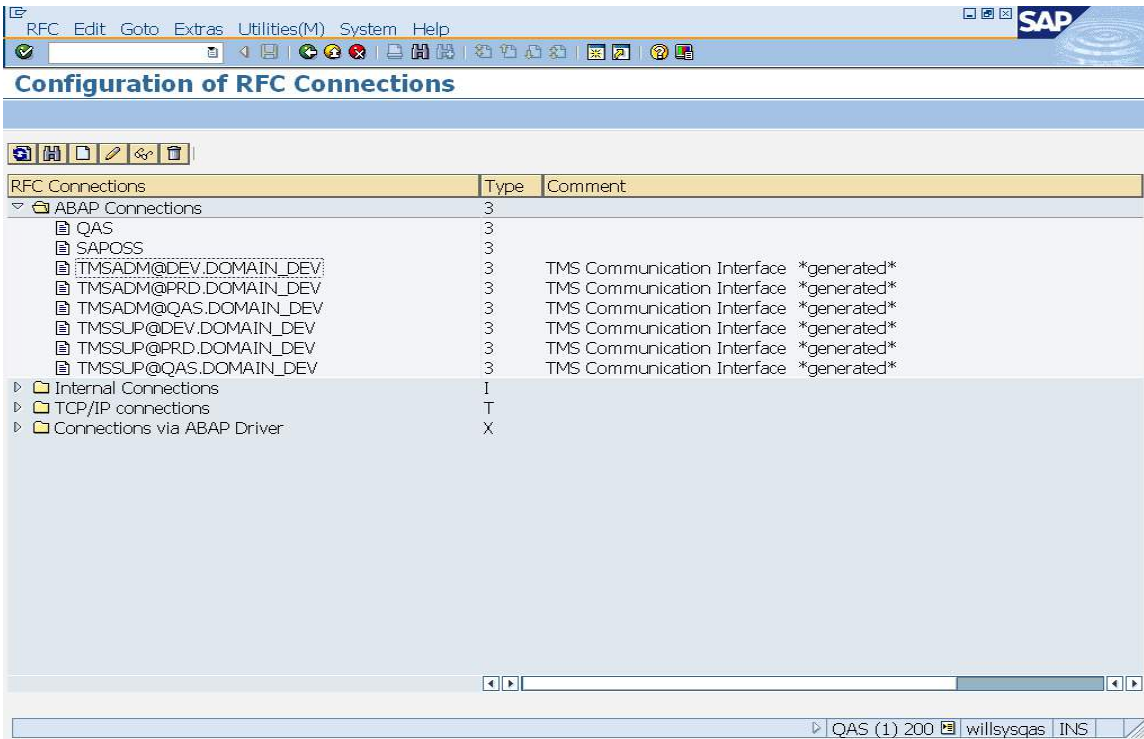
Login to the New Client (200) with user “SAP*” and password “pass” →



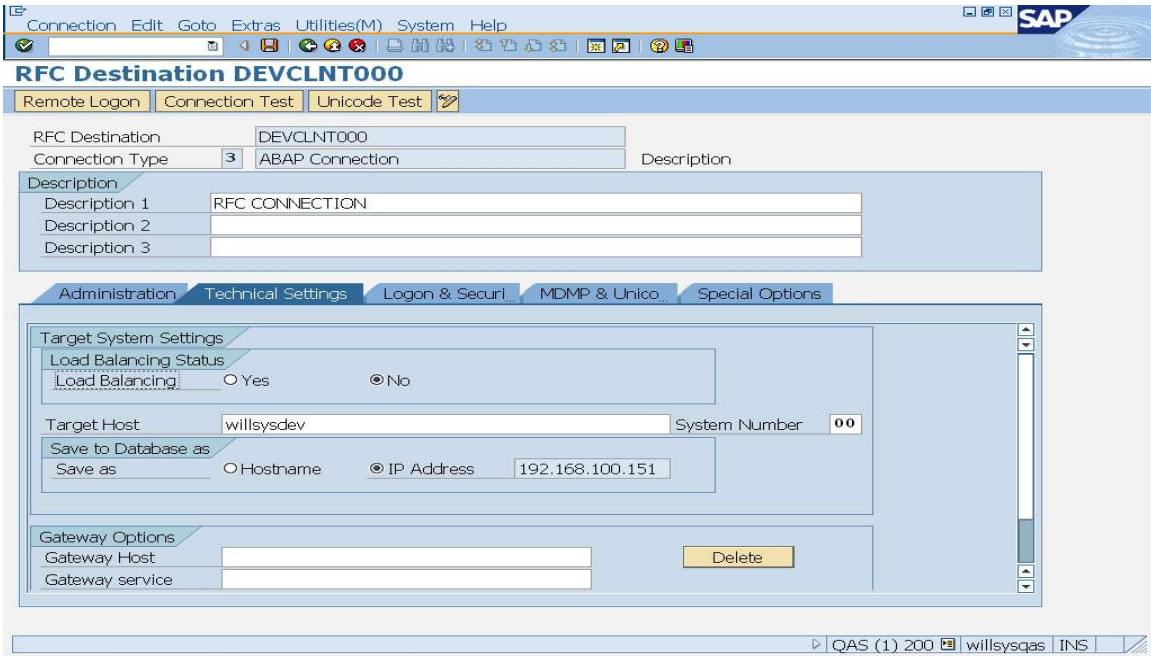
Execute the Transaction Code “SM59”→



Select the “ABAP Connection” and click on “create”→



Specify the RFC Destination, connection Type, and Description
Specify the Target Host, and client Number



Connection Edit Goto Extras Utilities(M) System Help

RFC Destination DEVCLNT000

Remote Logon Connection Test Unicode Test

RFC Destination: DEVCLNT000
 Connection Type: 3 ABAP Connection
 Description: RFC CONNECTION

Administration Technical Settings Logon & Security MDMP & Unico... Special Options

Target System Settings

Load Balancing Status
 Load Balancing: Yes No

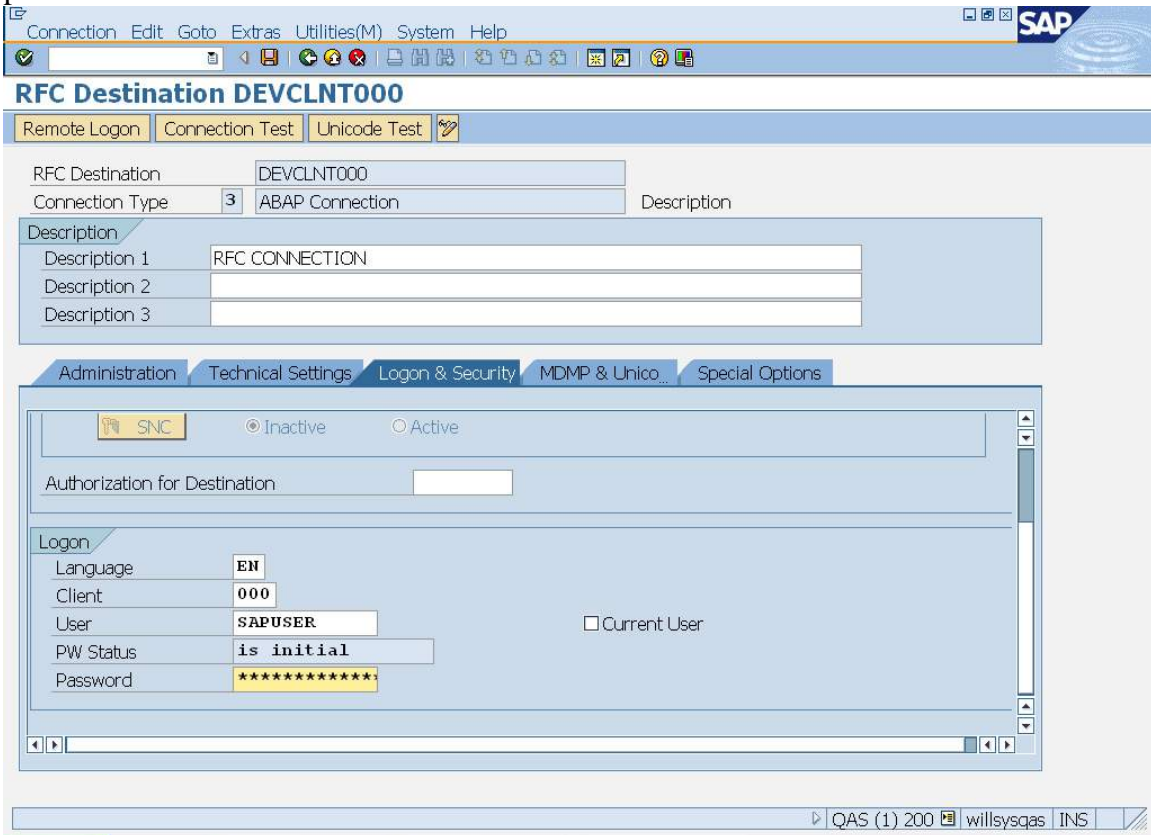
Target Host: willsysdev System Number: 00

Save to Database as
 Save as: Hostname IP Address: 192.168.100.151

Gateway Options
 Gateway Host: [] Gateway service: [] [Delete]

QAS (1) 200 | willsysqas | INS

Navigate to the tab “Logon & Security” and specify the language, client, user, and password and Click on “save”→



Connection Edit Goto Extras Utilities(M) System Help

RFC Destination DEVCLNT000

Remote Logon Connection Test Unicode Test

RFC Destination: DEVCLNT000
 Connection Type: 3 ABAP Connection
 Description: RFC CONNECTION

Administration Technical Settings Logon & Security MDMP & Unico... Special Options

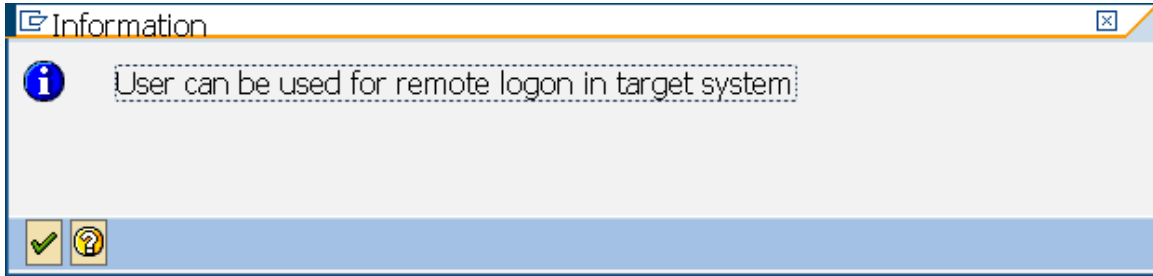
SNC Inactive Active

Authorization for Destination: []

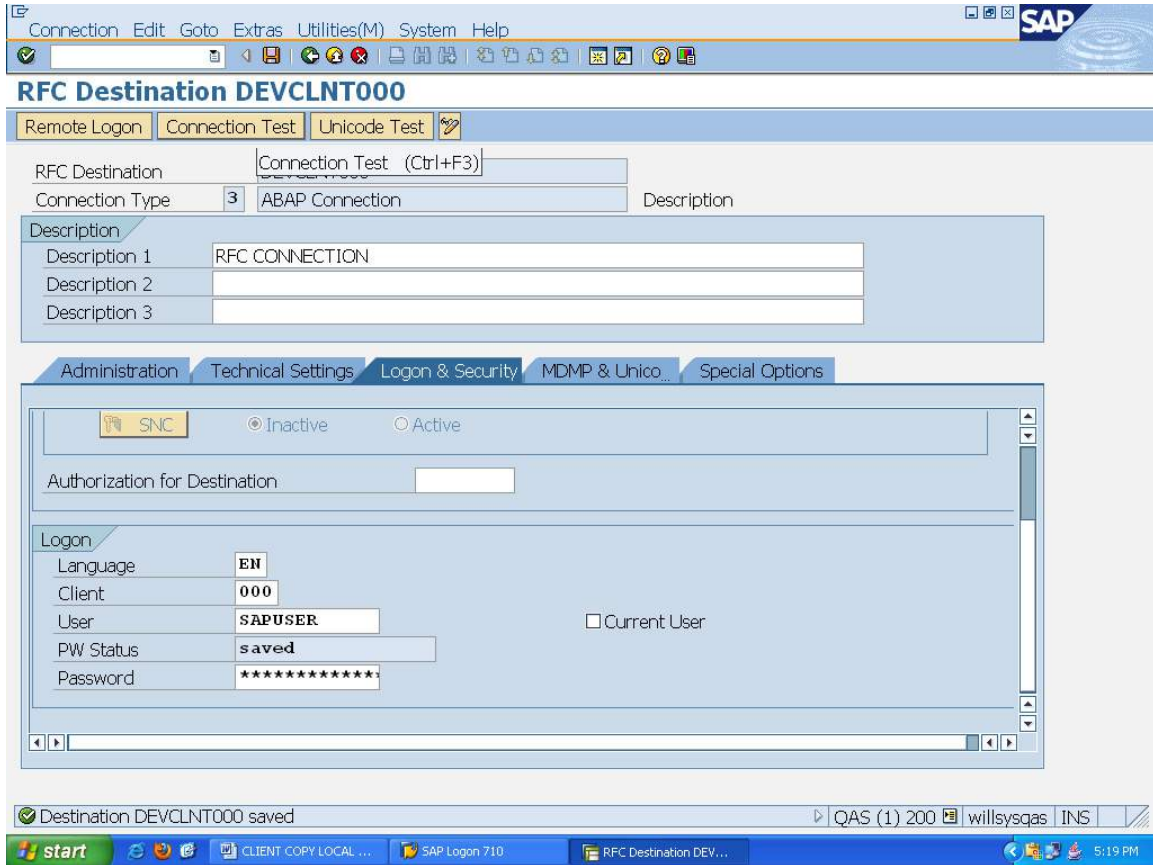
Logon

Language: EN
 Client: 000
 User: SAPUSER Current User
 PW Status: is initial
 Password: [*****]

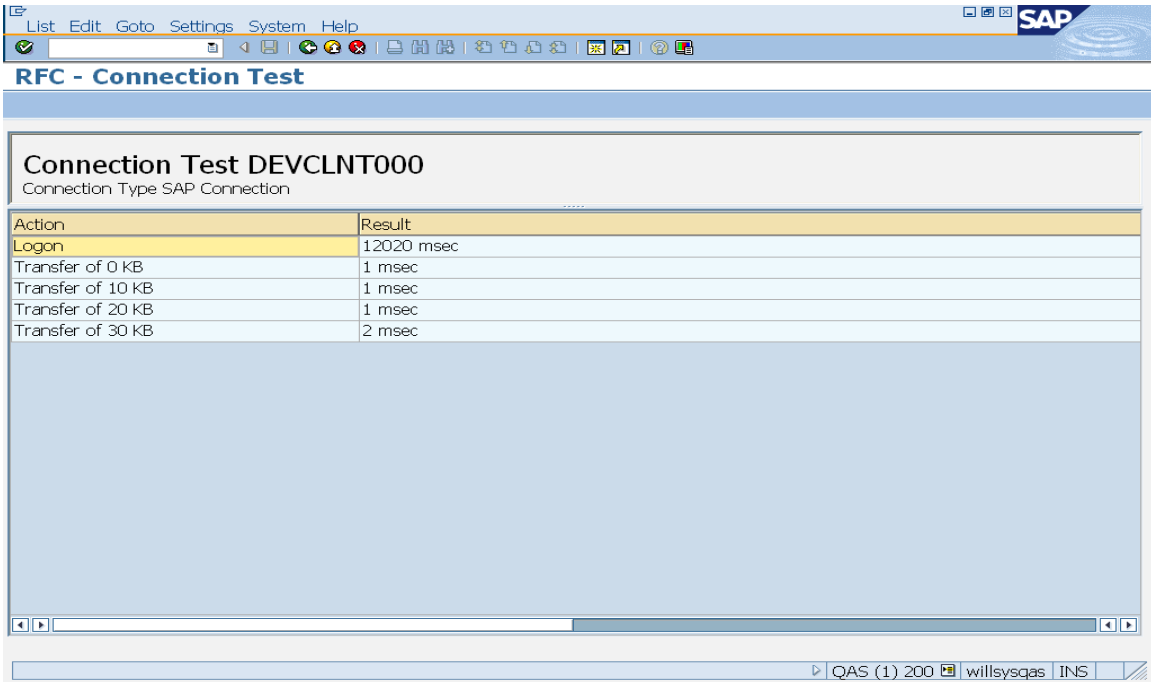
QAS (1) 200 | willsysqas | INS



Click ok "ok" →



Click on "connection test" → so that the below wizard will appear →



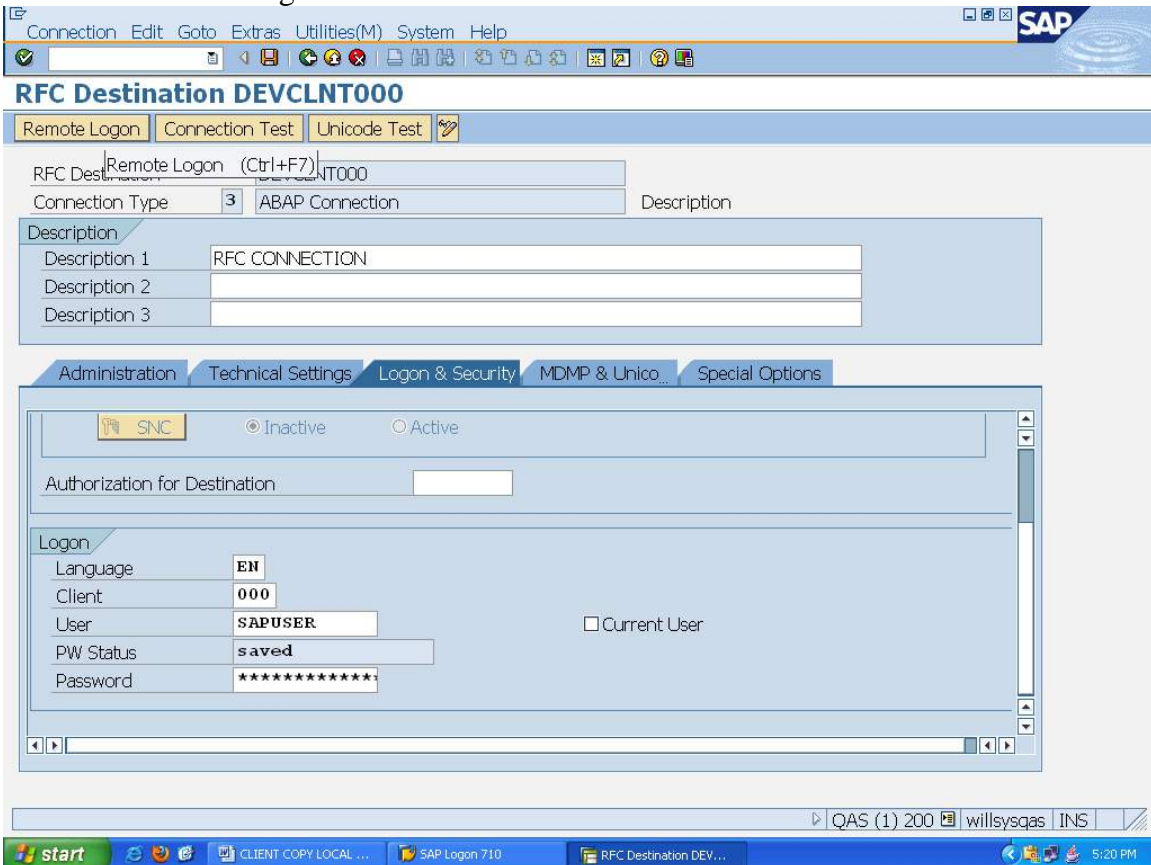
RFC - Connection Test

Connection Test DEVCLNT000
Connection Type SAP Connection

Action	Result
Logon	12020 msec
Transfer of 0 KB	1 msec
Transfer of 10 KB	1 msec
Transfer of 20 KB	1 msec
Transfer of 30 KB	2 msec

QAS (1) 200 | willsysqas | INS

Click on "Remote Logon" →



RFC Destination DEVCLNT000

Remote Logon (Ctrl+F7) | Connection Test | Unicode Test

RFC Dest: Remote Logon (Ctrl+F7) | NT000

Connection Type: 3 | ABAP Connection | Description

Description 1: RFC CONNECTION

Administration | Technical Settings | Logon & Security | MDMP & Unico... | Special Options

SNC | Inactive | Active

Authorization for Destination: []

Logon

Language: EN

Client: 000

User: SAPUSER | Current User

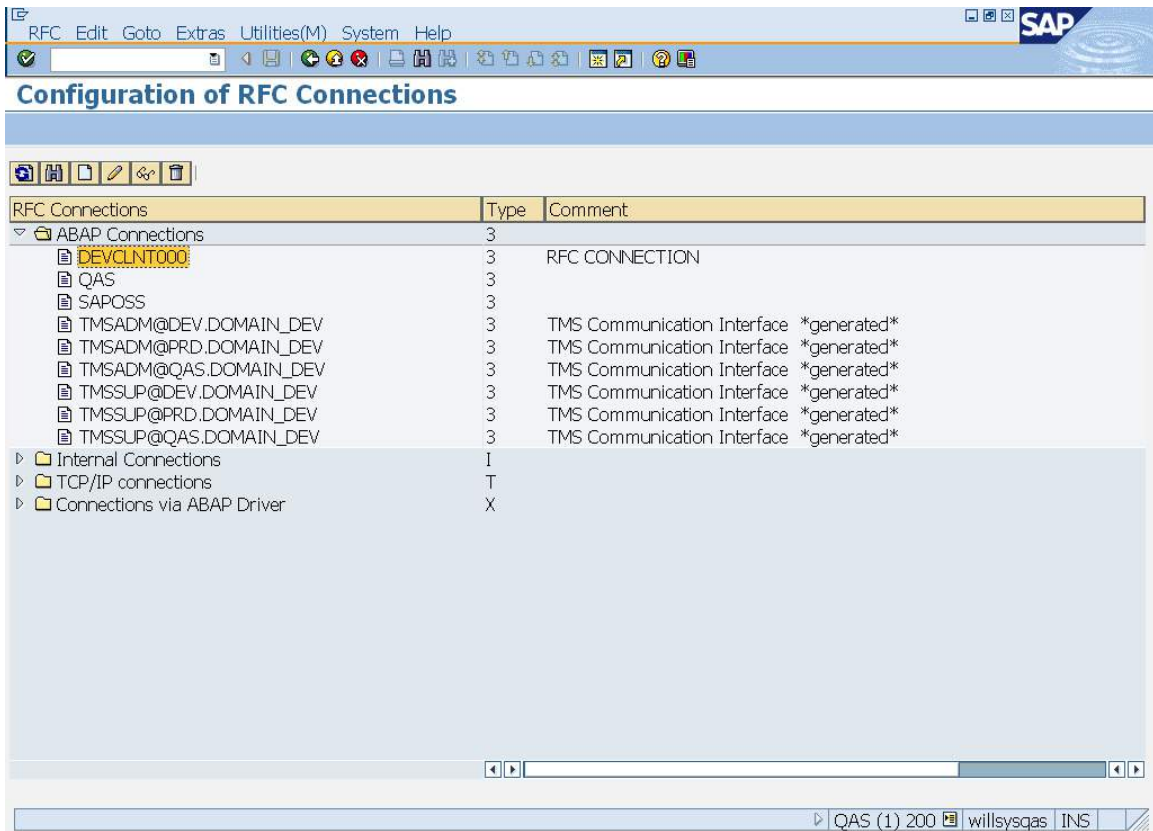
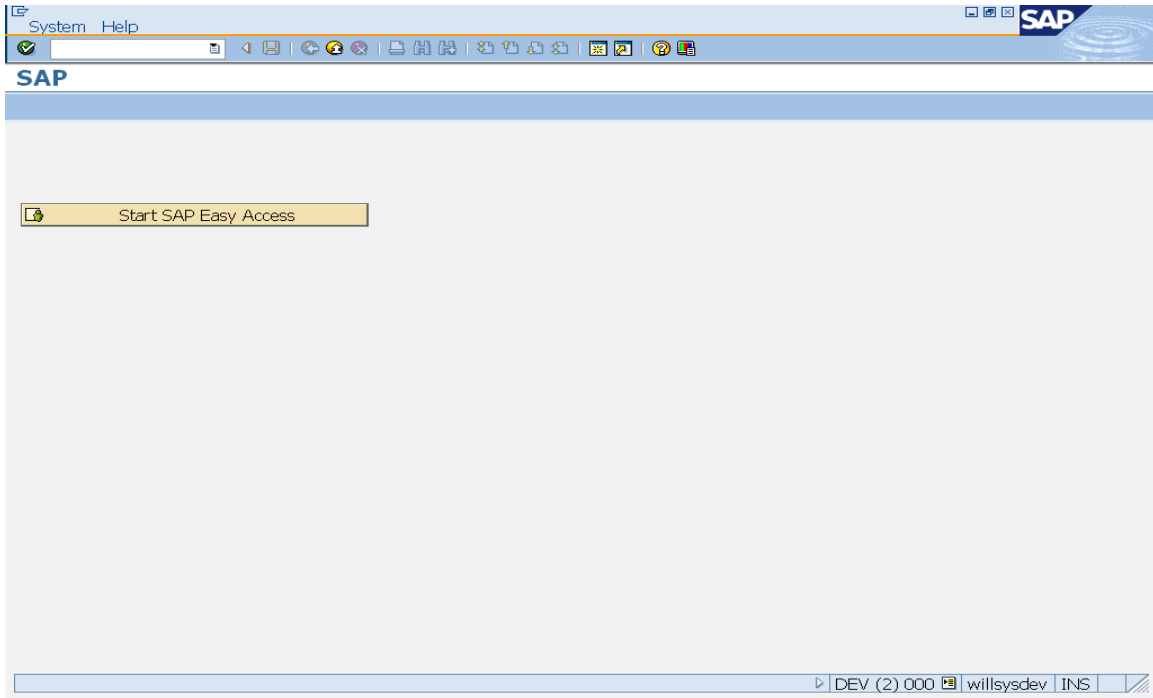
PW Status: saved

Password: []

QAS (1) 200 | willsysqas | INS

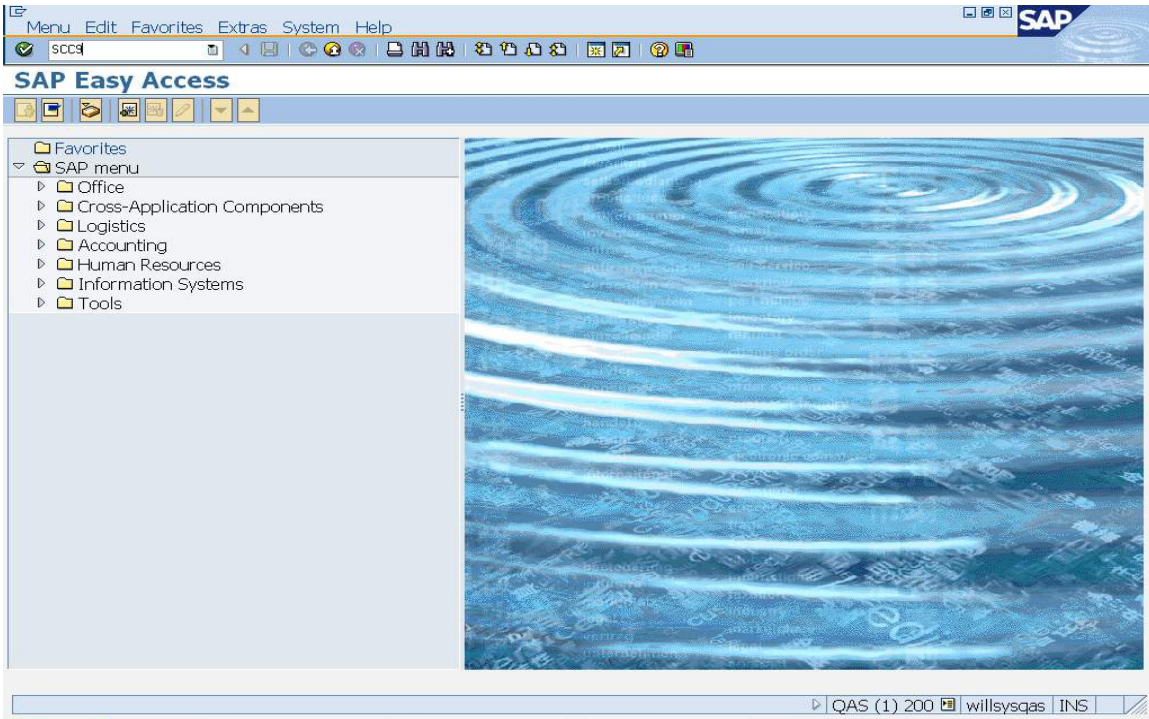
start | CLIENT COPY LOCAL ... | SAP Logon 710 | RFC Destination DEV ... | 5:20 PM

It should login to the source system →

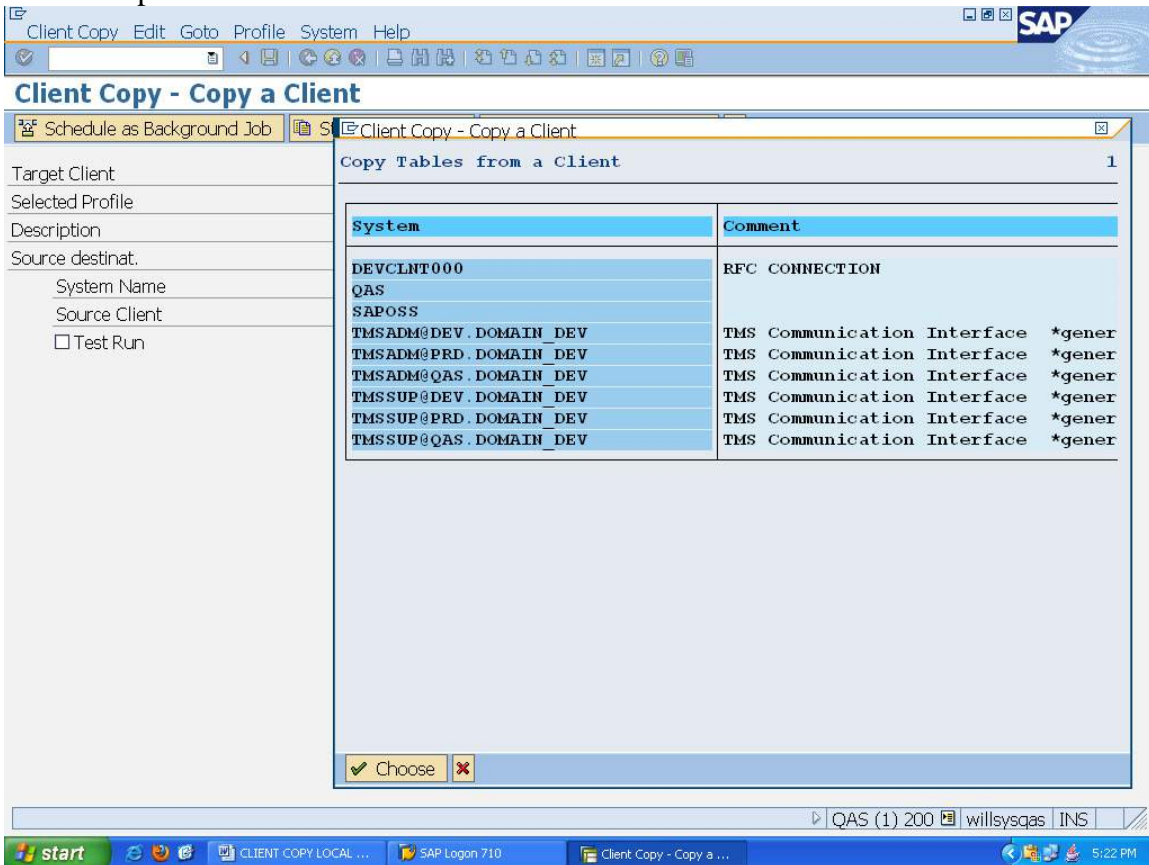


Execute Transaction Code "SCC9" →

CLIENT COPIES



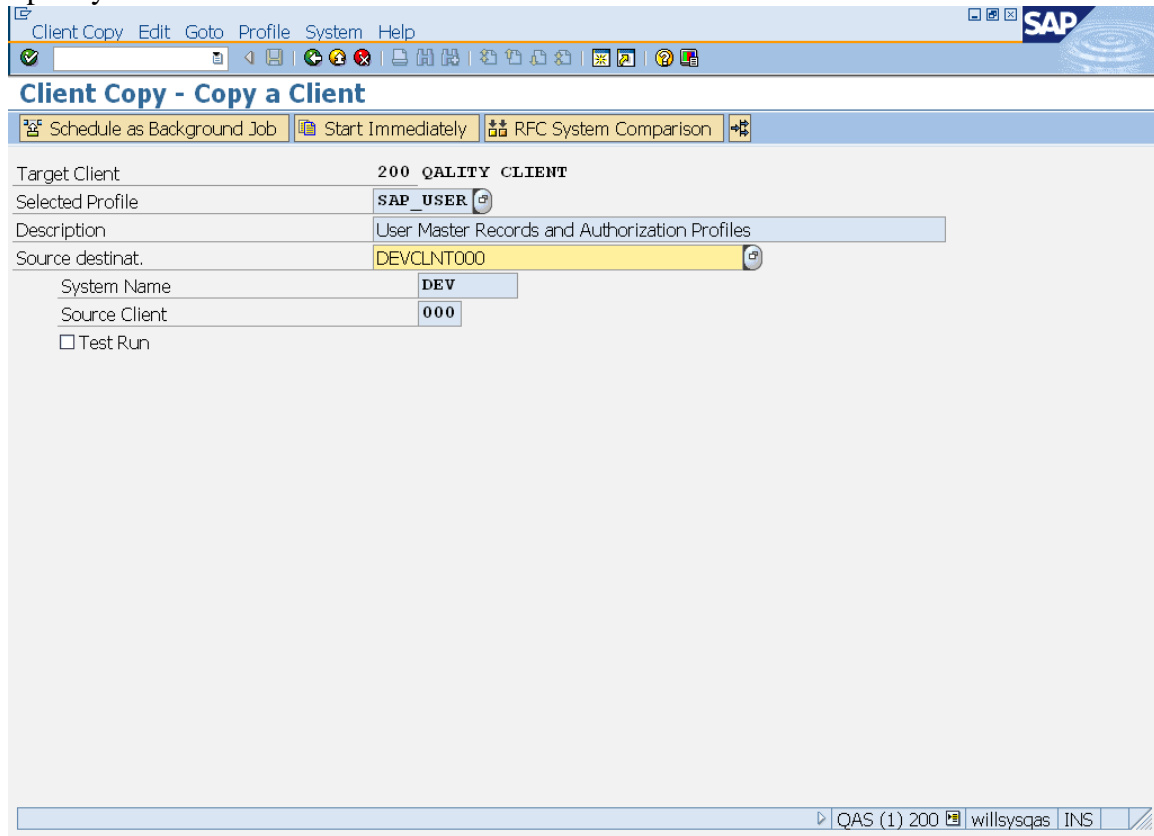
Select the profile and click on “choose”→



CLIENT COPIES

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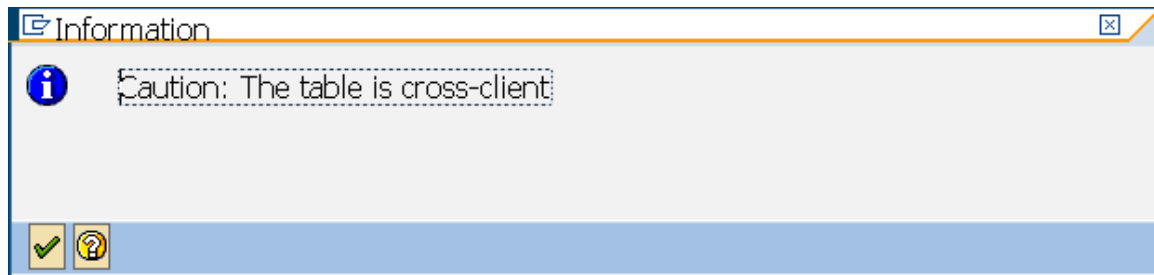
Specify the source destination→



The screenshot shows the SAP 'Client Copy - Copy a Client' dialog box. The title bar includes 'Client Copy Edit Goto Profile System Help' and the SAP logo. The main area contains the following fields and options:

Target Client	200 QUALITY CLIENT
Selected Profile	SAP_USER
Description	User Master Records and Authorization Profiles
Source destinat.	DEVCLNT000
System Name	DEV
Source Client	000

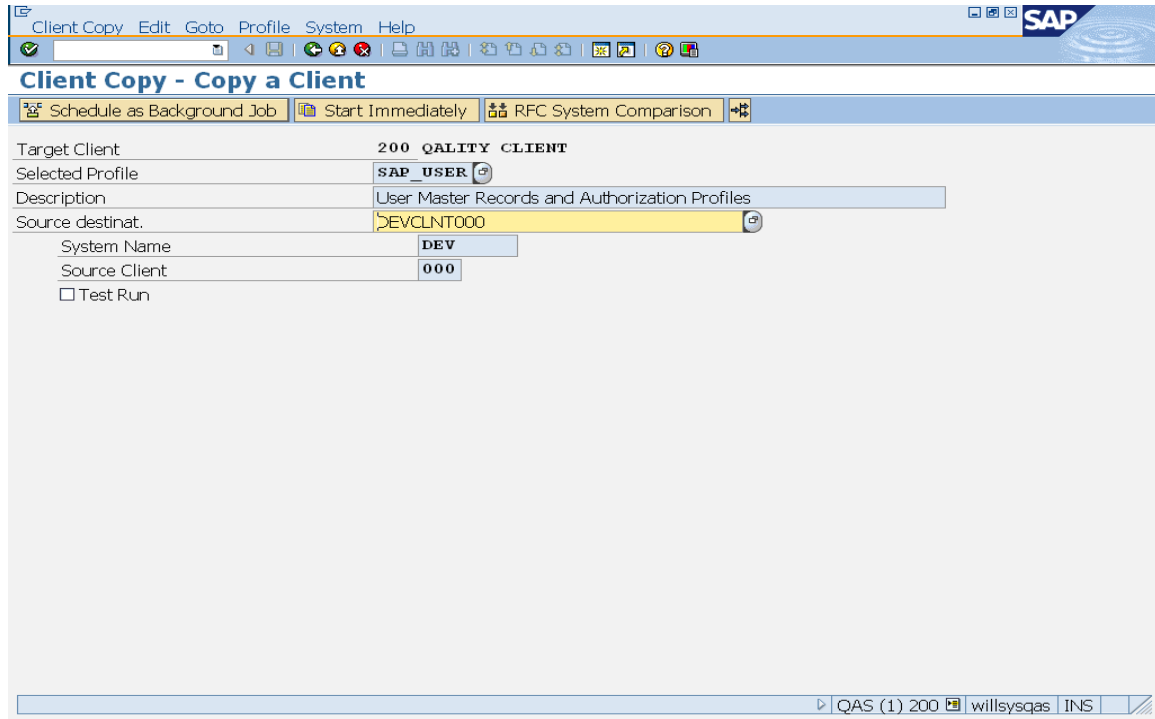
Additional options include: Schedule as Background Job, Start Immediately, and RFC System Comparison. A 'Test Run' checkbox is also present but unchecked. The status bar at the bottom shows 'QAS (1) 200 | willsysqas | INS'.



The screenshot shows an SAP 'Information' dialog box with a blue header and a close button. It contains a message icon and the text: 'Caution: The table is cross-client:'. At the bottom, there are icons for 'OK' (a checkmark) and 'Cancel' (a question mark).

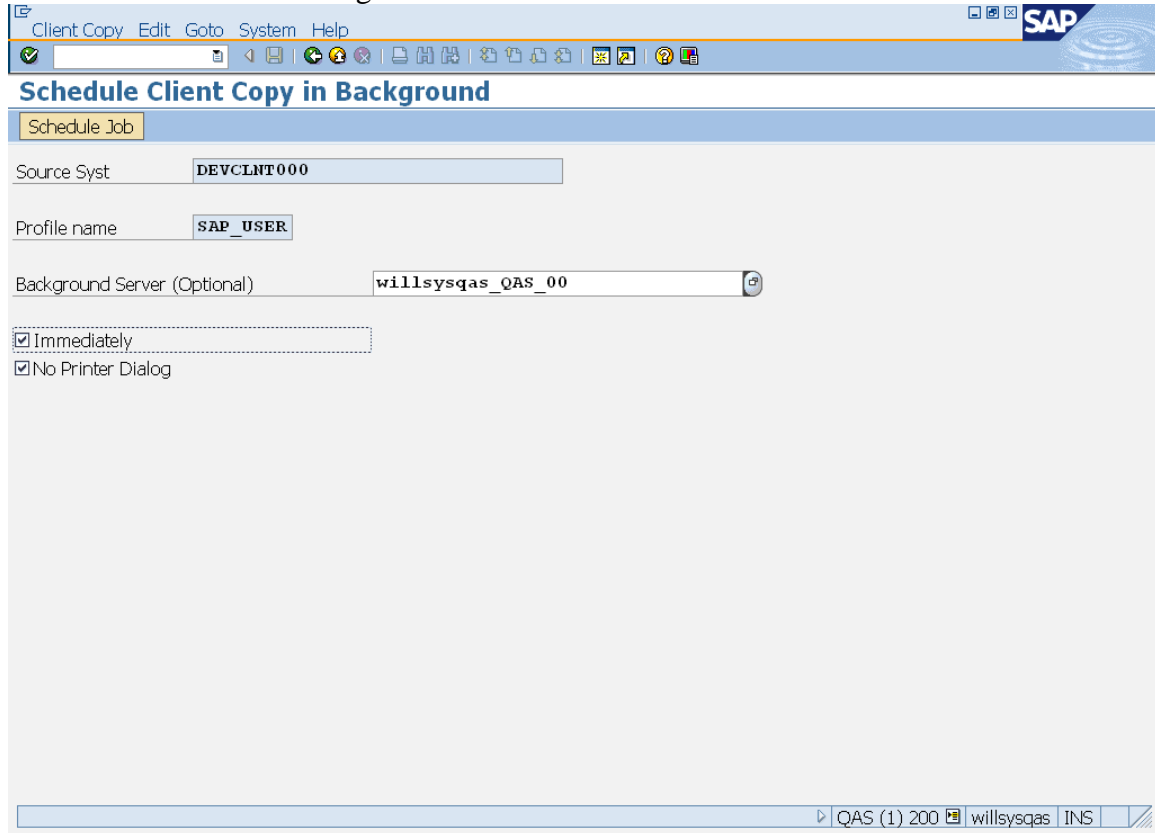
Click on "ok" button→

CLIENT COPIES



The screenshot shows the SAP 'Client Copy - Copy a Client' dialog box. The 'Target Client' is '200 QUALITY CLIENT'. The 'Selected Profile' is 'SAP_USER'. The 'Description' is 'User Master Records and Authorization Profiles'. The 'Source destinat.' is 'DEVCLNT000'. The 'System Name' is 'DEV' and the 'Source Client' is '000'. There is an unchecked checkbox for 'Test Run'. The status bar at the bottom shows 'QAS (1) 200 | willsysqas | INS'.

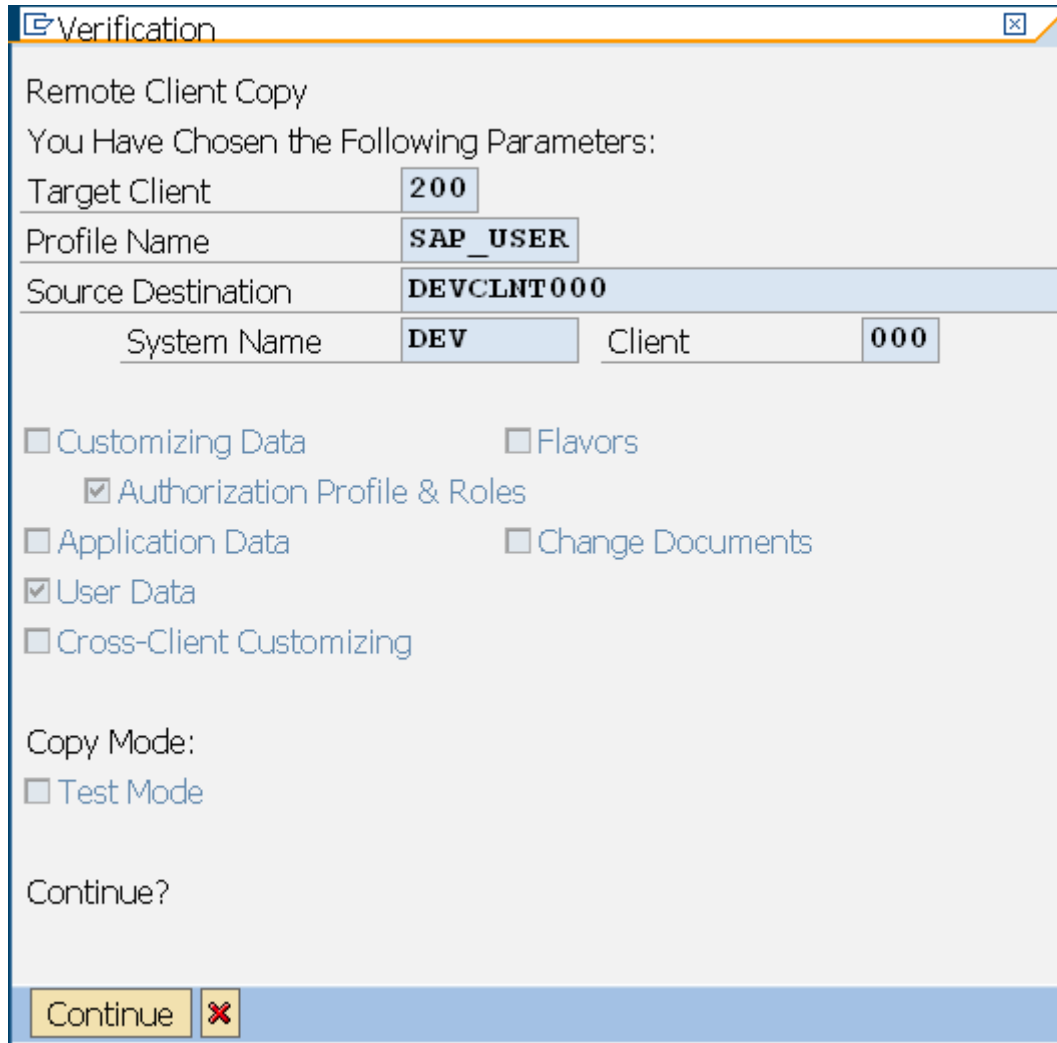
Click on “schedule as background Job” →



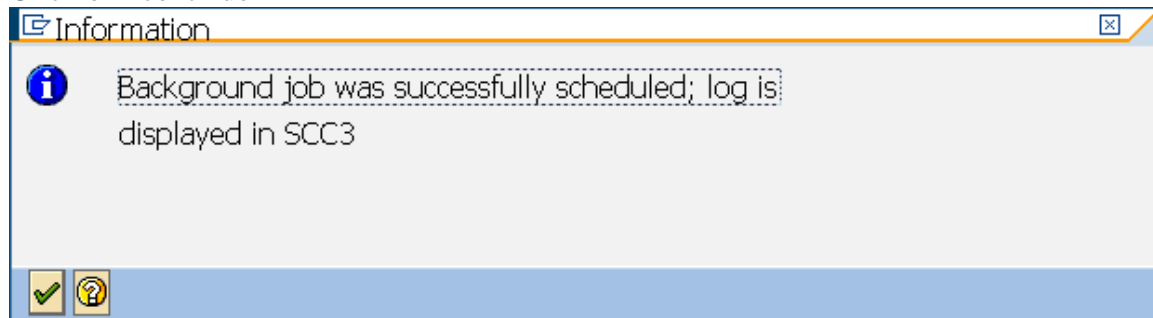
The screenshot shows the SAP 'Schedule Client Copy in Background' dialog box. The 'Source Syst' is 'DEVCLNT000'. The 'Profile name' is 'SAP_USER'. The 'Background Server (Optional)' is 'willsysqas_QAS_00'. There are two checked checkboxes: 'Immediately' and 'No Printer Dialog'. The status bar at the bottom shows 'QAS (1) 200 | willsysqas | INS'.

Click on “Schedule Job” →

Page 34 of 57.



Click on “continue”



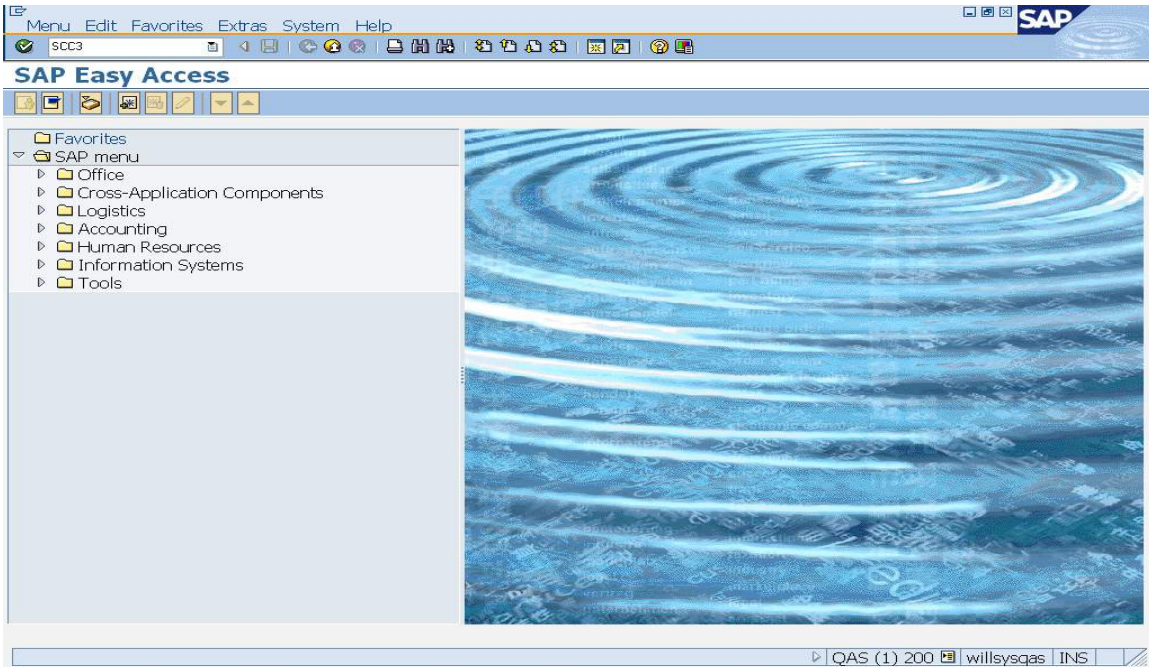
Click on “ok” so that the background job will be scheduled”

We can check the logs in Transaction Code “SCC3”.

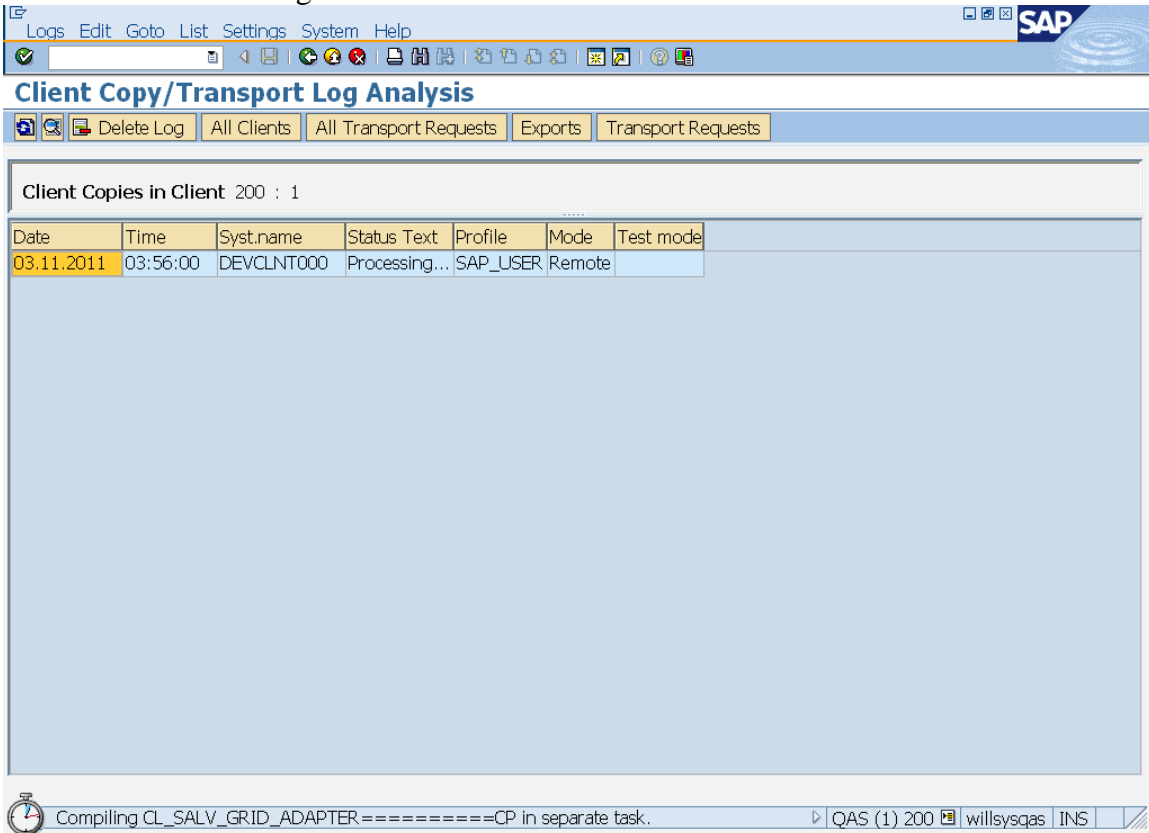
MONITORING: SCC3

Execute Transaction Code “SCC3”→

CLIENT COPIES



Double Click on the logs →



Here we can check the Number of tables and the status of the logs.

CLIENT COPIES

Log Edit Goto List System Help

Client Copy/Transport Log Analysis

Monitor System Log Details File Log

Target Client	200
Source RFC Dest.:	DEVCLNT000
System Name:	DEV
Client in Source System	000
Copy Type	Remote copy
Profile	SAP_USER
Status	Processing...
User	SAP*
Start on	03.11.2011 / 03:56:00
Last Entry on	03.11.2011 / 03:56:18
Current Action:	Copy/Delete Tables
- Table Being Edited:	AGR_1251
Statistics for this Run	
- No. of Tables	26 of 90
- Copied Lines	33890

QAS (1) 200 | willsysgas | INS

Logs Edit Goto List Settings System Help

Client Copy/Transport Log Analysis

Delete Log All Clients All Transport Requests Exports Transport Requests

Client Copies in Client 200 : 1

Date	Time	System name	Status Text	Profile	Mode	Test mode
03.11.2011	03:56:00	DEVCLNT000	Successfully Completed	SAP_USER	Remote	

QAS (1) 200 | willsysgas | INS

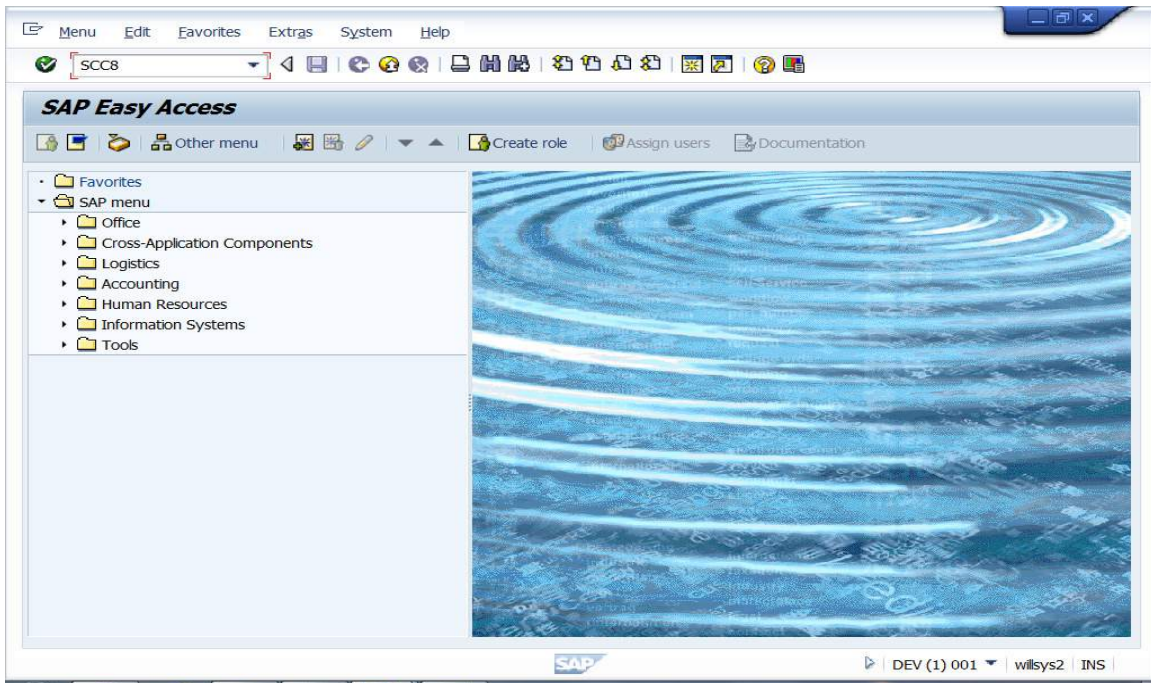
We need to check the status of the client copy
Remote client is done successfully.

EXPORT/IMPORT METHOD (SCC8 & SCC7)

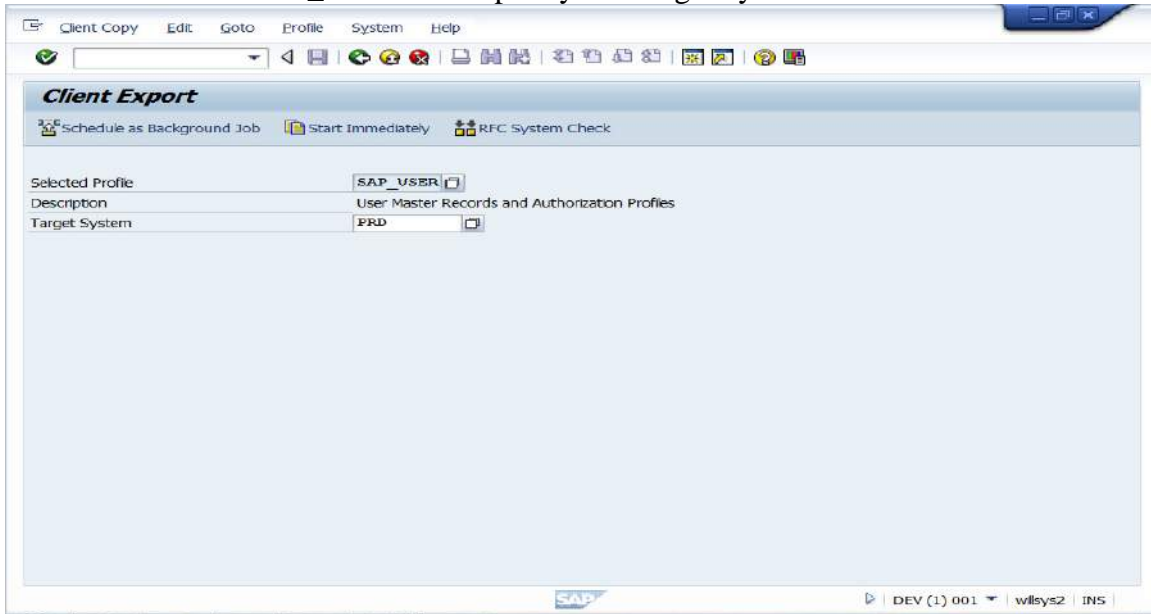
SOURCE→DEV (001)

TARGET→PRD (950)

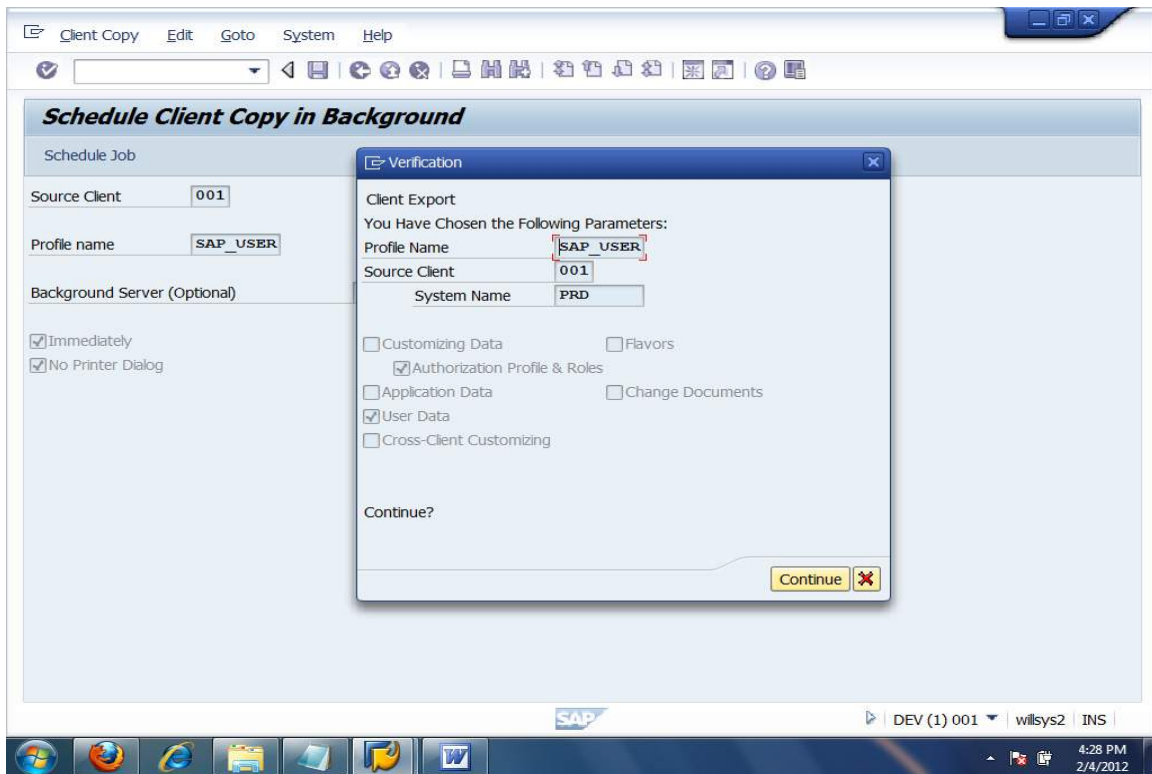
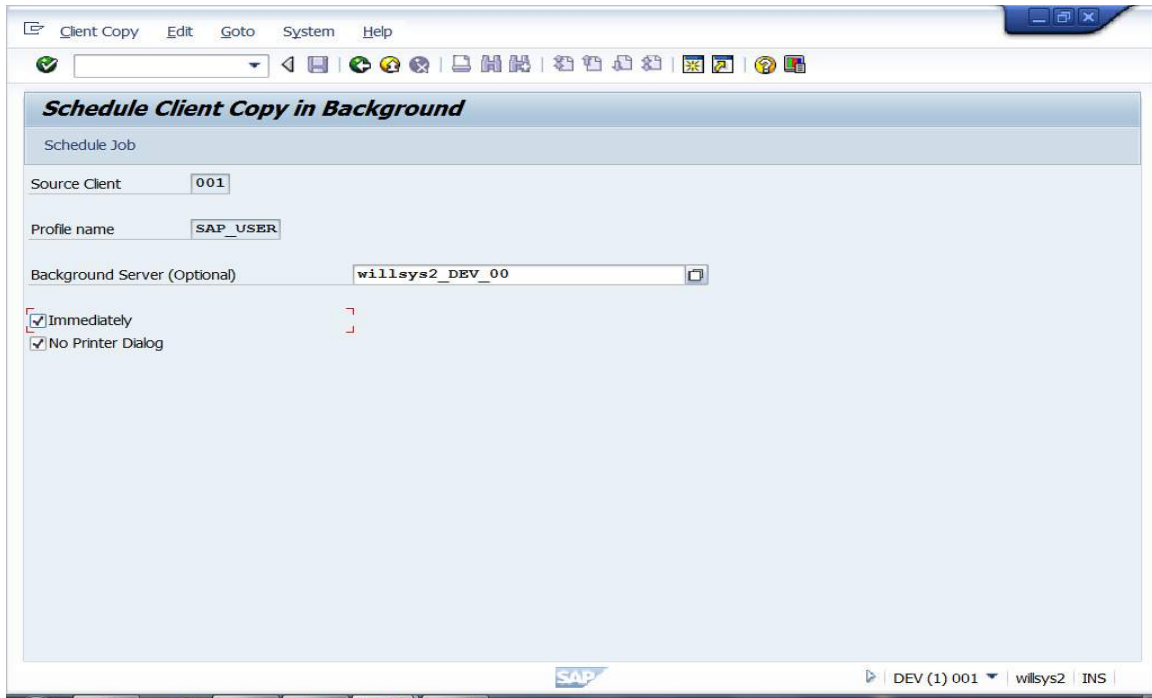
Execute Transaction Code “SCC8”→



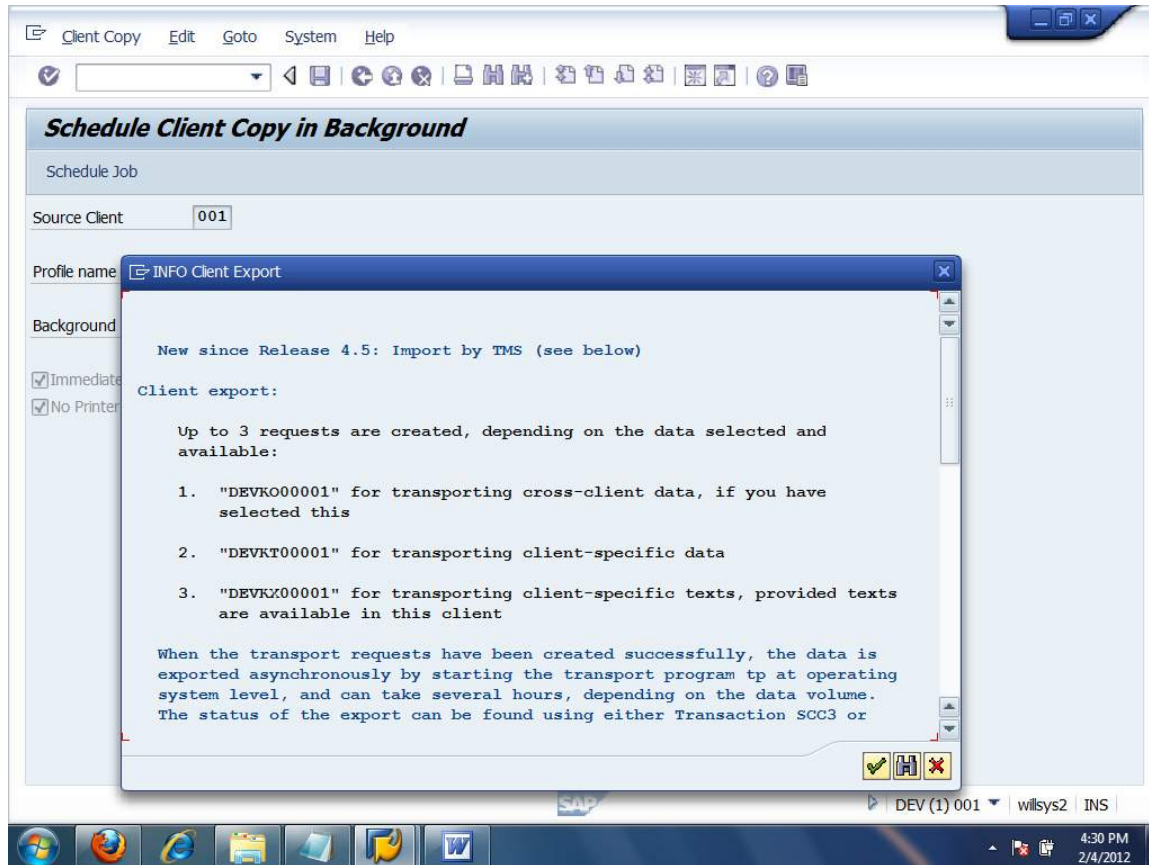
Select the Profile “SAP_USER” and specify the Target System as ‘DEV’→



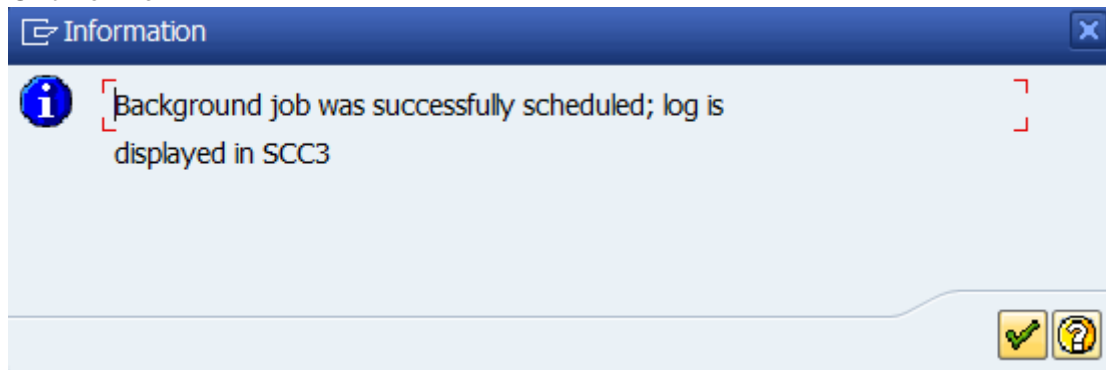
Specify the Background Server and click on “Schedule Job”→



Click on "Continue"→



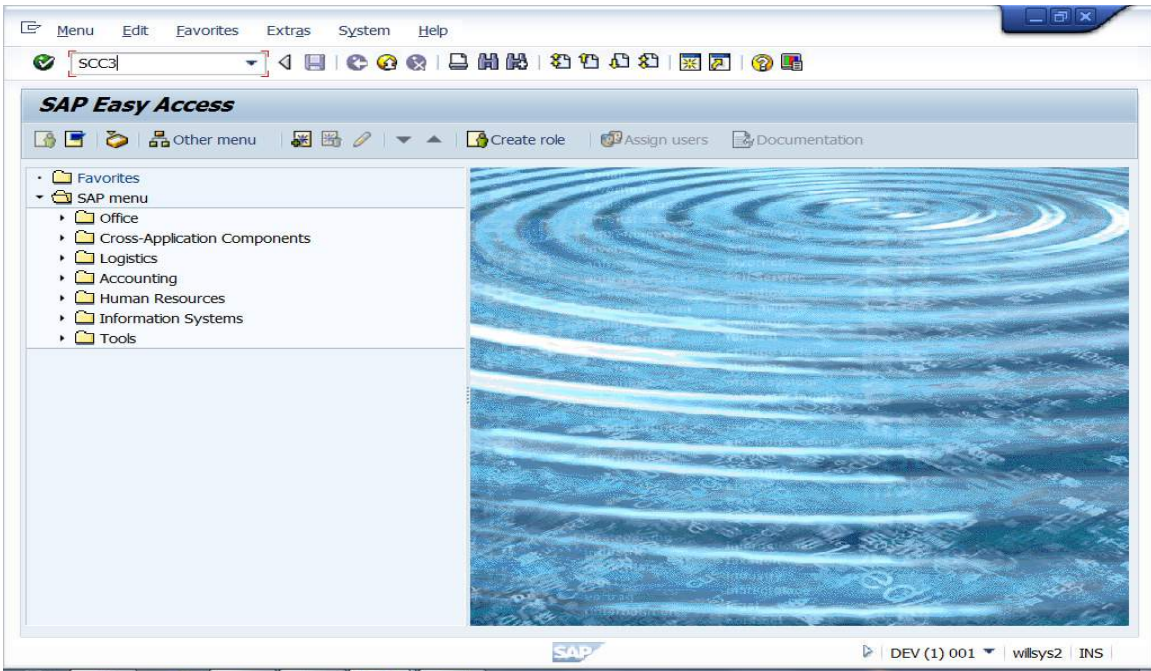
Click on “ok”→



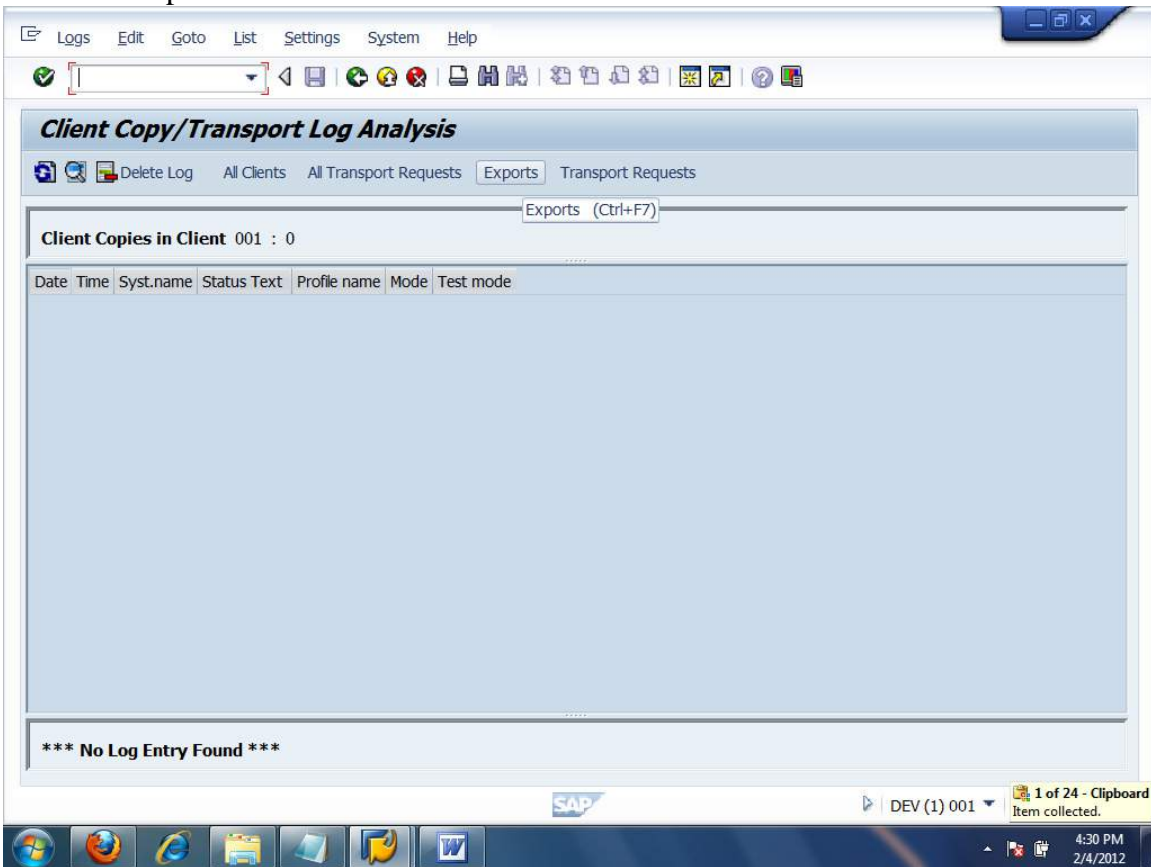
The Client Copy is successfully scheduled in the background. We can check the logs in Transaction Code “SCC3”.

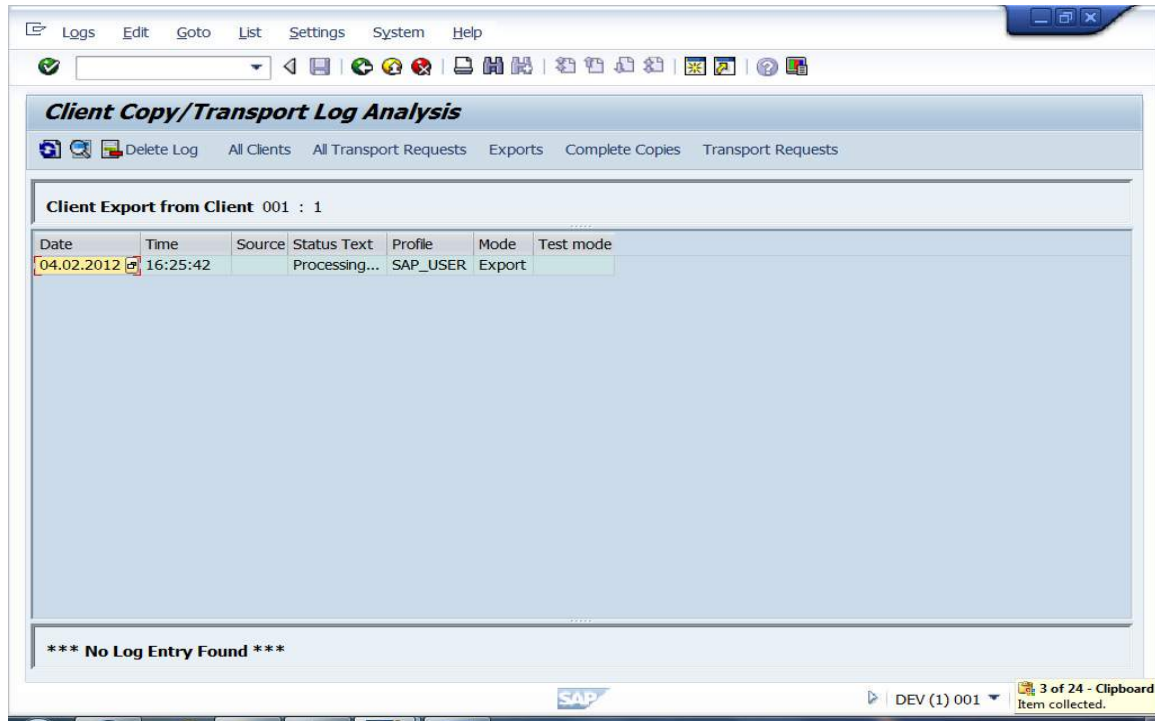
MONITORING:

Execute Transaction Code “SCC3”→



Click on "exports"→





Client Copy/Transport Log Analysis

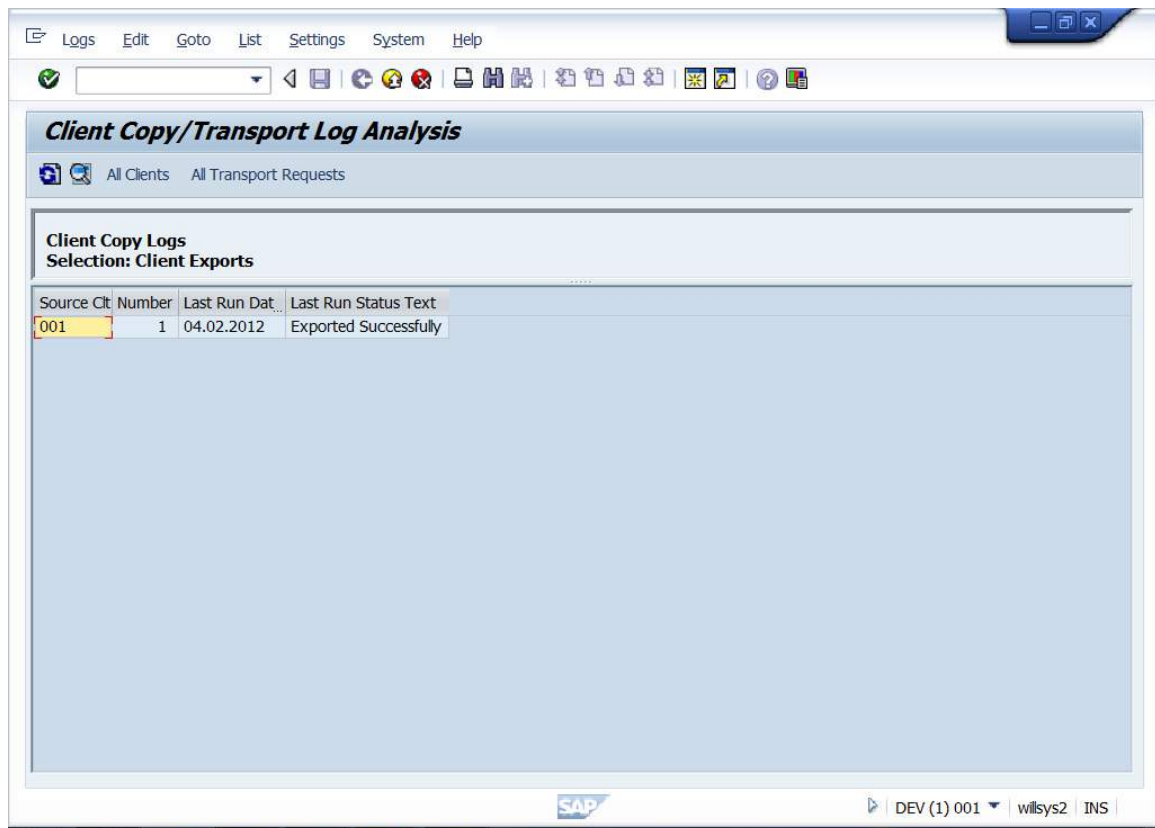
Delete Log All Clients All Transport Requests Exports Complete Copies Transport Requests

Client Export from Client 001 : 1

Date	Time	Source	Status Text	Profile	Mode	Test mode
04.02.2012	16:25:42		Processing...	SAP_USER	Export	

*** No Log Entry Found ***

DEV (1) 001 3 of 24 - Clipboard Item collected.



Client Copy/Transport Log Analysis

All Clients All Transport Requests

Client Copy Logs
Selection: Client Exports

Source Clt	Number	Last Run Dat...	Last Run Status Text
001	1	04.02.2012	Exported Successfully

DEV (1) 001 willsys2 INS

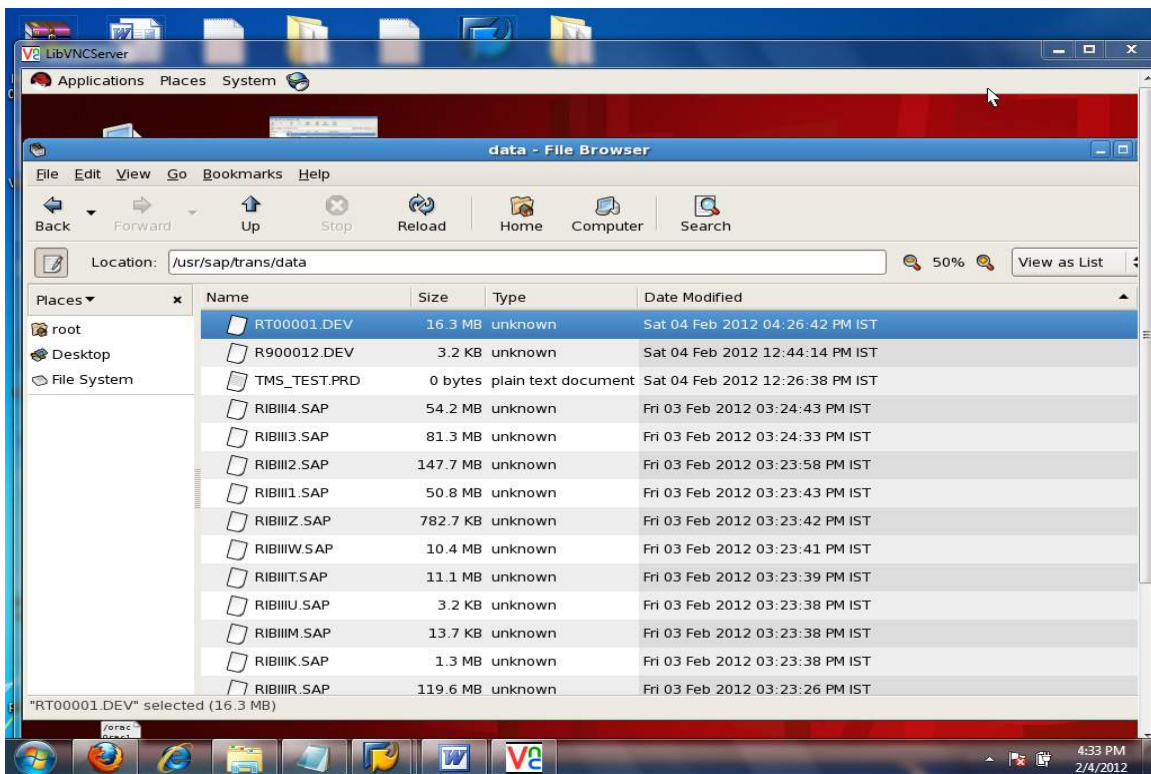
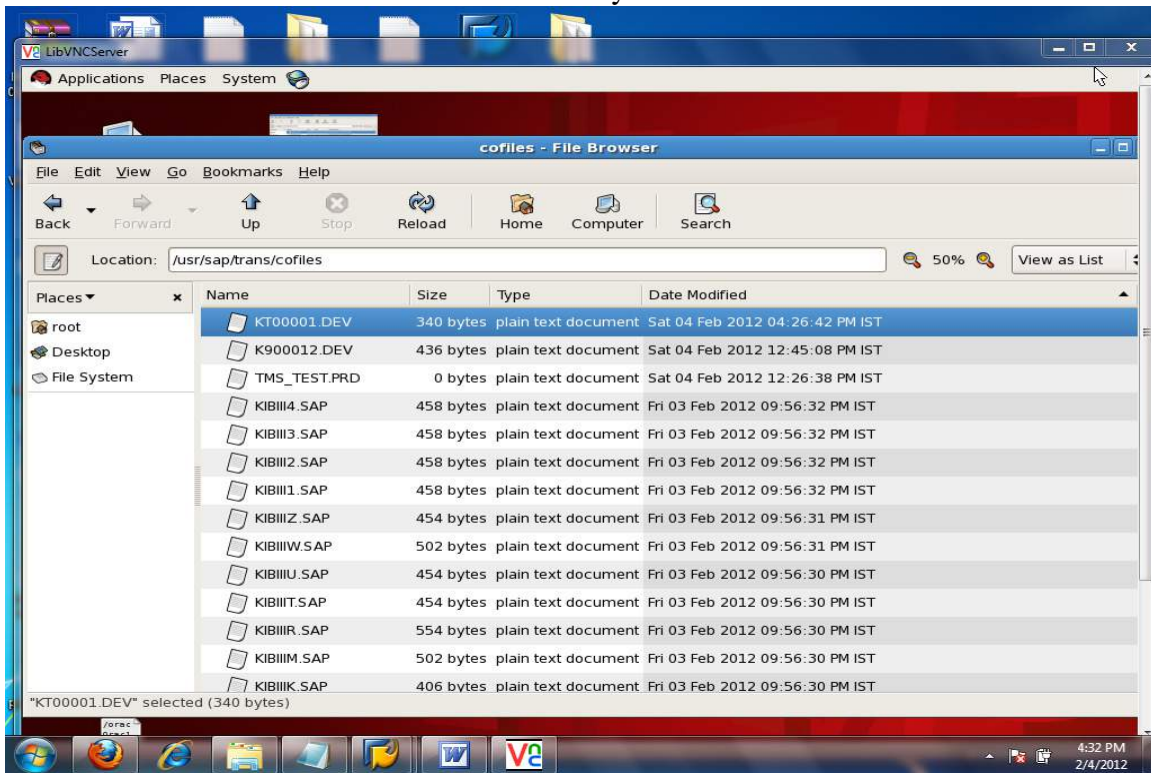
The Client is exported successfully.

Page 42 of 57.

CLIENT COPIES

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Check the cofiles and Datafiles on the Source system.



CLIENT COPIES

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Now copy the cofiles and datafiles from source system to target system.

```

root@willsys2:/usr/sap/trans/cofiles
[root@willsys2 ~]# cd /usr/sap/trans/cofiles/
[root@willsys2 cofiles]# ls -lrt

```

```

root@willsys2:/usr/sap/trans/cofiles
-rw-rw-r-- 1 devadm sapsys 358 Feb  2 17:35 KLFRN16.SAP
-rw-rw-r-- 1 devadm sapsys 312 Feb  2 17:35 KLFRN15.SAP
-rw-rw-r-- 1 devadm sapsys 406 Feb  3 21:56 KIBIIIO.SAP
-rw-rw-r-- 1 devadm sapsys 406 Feb  3 21:56 KIBIIIH.SAP
-rw-rw-r-- 1 devadm sapsys 454 Feb  3 21:56 KIBIIIF.SAP
-rw-rw-r-- 1 devadm sapsys 504 Feb  3 21:56 KIBIIID.SAP
-rw-rw-r-- 1 devadm sapsys 454 Feb  3 21:56 KIBIIIU.SAP
-rw-rw-r-- 1 devadm sapsys 454 Feb  3 21:56 KIBIIIT.SAP
-rw-rw-r-- 1 devadm sapsys 554 Feb  3 21:56 KIBIIIR.SAP
-rw-rw-r-- 1 devadm sapsys 502 Feb  3 21:56 KIBIIIM.SAP
-rw-rw-r-- 1 devadm sapsys 406 Feb  3 21:56 KIBIIIK.SAP
-rw-rw-r-- 1 devadm sapsys 454 Feb  3 21:56 KIBIIIZ.SAP
-rw-rw-r-- 1 devadm sapsys 502 Feb  3 21:56 KIBIIIW.SAP
-rw-rw-r-- 1 devadm sapsys 458 Feb  3 21:56 KIBIII4.SAP
-rw-rw-r-- 1 devadm sapsys 458 Feb  3 21:56 KIBIII3.SAP
-rw-rw-r-- 1 devadm sapsys 458 Feb  3 21:56 KIBIII2.SAP
-rw-rw-r-- 1 devadm sapsys 458 Feb  3 21:56 KIBIII1.SAP
-rw-rw---- 1 devadm sapsys  0 Feb  4 12:26 TMS_TEST.PRD
-rw-rw-r-- 1 devadm sapsys 436 Feb  4 12:45 K900012.DEV
-rw-rw-r-- 1 devadm sapsys 340 Feb  4 16:26 KT00001.DEV
[root@willsys2 cofiles]# scp -r KT00001.DEV 192.168.100.153:/usr/sap/trans/cofiles/
root@192.168.100.153's password:
KT00001.DEV                               100% 340      0.3KB/s   00:00
[root@willsys2 cofiles]#

```

```

root@willsys2:/usr/sap/trans/data
-rw-rw---- 1 devadm sapsys  6319032 Feb  3 15:23 RIBIIH.SAP
-rw-rw---- 1 devadm sapsys 14447828 Feb  3 15:23 RIBIID.SAP
-rw-rw---- 1 devadm sapsys 13525484 Feb  3 15:23 RIBIIF.SAP
-rw-rw---- 1 devadm sapsys  8326527 Feb  3 15:23 RIBIIO.SAP
-rw-rw---- 1 devadm sapsys 125417190 Feb  3 15:23 RIBIIR.SAP
-rw-rw---- 1 devadm sapsys   3295 Feb  3 15:23 RIBIIU.SAP
-rw-rw---- 1 devadm sapsys  14024 Feb  3 15:23 RIBIIM.SAP
-rw-rw---- 1 devadm sapsys  1360278 Feb  3 15:23 RIBIIK.SAP
-rw-rw---- 1 devadm sapsys 11606652 Feb  3 15:23 RIBIIT.SAP
-rw-rw---- 1 devadm sapsys 10874699 Feb  3 15:23 RIBIIW.SAP
-rw-rw---- 1 devadm sapsys  801445 Feb  3 15:23 RIBIIZ.SAP
-rw-rw---- 1 devadm sapsys 53271782 Feb  3 15:23 RIBIII1.SAP
-rw-rw---- 1 devadm sapsys 154879987 Feb  3 15:23 RIBIII2.SAP
-rw-rw---- 1 devadm sapsys 85245935 Feb  3 15:24 RIBIII3.SAP
-rw-rw---- 1 devadm sapsys 56879966 Feb  3 15:24 RIBIII4.SAP
-rw-rw---- 1 devadm sapsys  0 Feb  4 12:26 TMS_TEST.PRD
-rw-rw-r-- 1 devadm sapsys  3279 Feb  4 12:44 R900012.DEV
-rw-rw-r-- 1 devadm sapsys 17127158 Feb  4 16:26 RT00001.DEV
[root@willsys2 data]# scp -r RT00001.DEV 192.168.100.153:/usr/sap/trans/data/
root@192.168.100.153's password:
Permission denied, please try again.
root@192.168.100.153's password:
RT00001.DEV                               100% 16MB 16.3MB/s   00:01
[root@willsys2 data]#

```


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Specify the permissions as <SID>ADM

Chown prdadm:sapsys

```

root@willsys3:/usr/sap/trans/data
-rw-rw---- 1 devadm sapsys      1157 Feb  2 15:56 RLFRN10.SAP
-rw-rw---- 1 devadm sapsys    3238592 Feb  2 15:56 RLFRN11.SAP
-rw-rw---- 1 devadm sapsys    26712822 Feb  2 15:56 RLFRN12.SAP
-rw-rw---- 1 devadm sapsys    57010348 Feb  2 15:56 RLFRN13.SAP
-rw-rw---- 1 devadm sapsys     3239678 Feb  2 15:56 RLFRN14.SAP
-rw-rw---- 1 devadm sapsys    22629788 Feb  2 15:56 RLFRN15.SAP
-rw-rw---- 1 devadm sapsys    39283080 Feb  2 15:56 RLFRN16.SAP
-rw-rw---- 1 devadm sapsys    22191453 Feb  2 15:56 RLFRN17.SAP
-rw-rw---- 1 devadm sapsys   100346100 Feb  2 15:56 RLFRN18.SAP
-rw-rw---- 1 devadm sapsys    55641651 Feb  2 15:56 RLFRN19.SAP
-rw-rw-r-- 1 devadm sapsys    17127158 Feb  4 16:26 RT00001.DEV
-rw-rw---- 1 devadm sapsys         0 Feb  4 12:26 TMS_TEST.PRD
[root@willsys2 data]# ssh 192.168.100.153
root@192.168.100.153's password:
Last login: Sun Jan  4 05:45:12 2004 from willsys2
[root@willsys3 ~]# cd /usr/sap/trans/data/
[root@willsys3 data]# ll
total 85216
-rw-rw---- 1 prdadm sapsys 11760497 Jan  3 04:19 R-470COINVIRSA.SAP
-rw-rw---- 1 prdadm sapsys   3279 Jan  4 01:57 R900012.DEV
-rw-rw---- 1 prdadm sapsys 53169405 Jan  2 04:31 RB70010.SAP
-rw-rw---- 1 prdadm sapsys 5060980 Jan 31 2011 RD70038.SAP
-rw-r--r-- 1 root   root   17127158 Jan  4 05:44 RT00001.DEV
[root@willsys3 data]# chown prdadm:sapsys RT00001.DEV

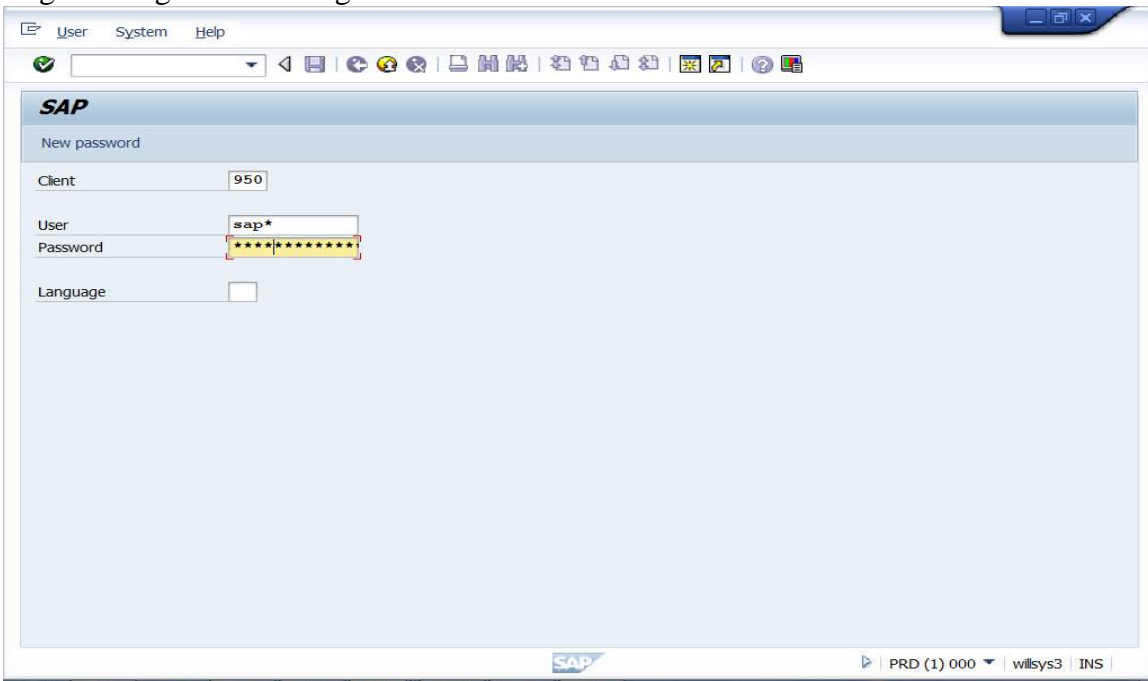
root@willsys3:/usr/sap/trans/cofiles
-rw-rw---- 1 devadm sapsys         0 Feb  4 12:26 TMS_TEST.PRD
[root@willsys2 data]# ssh 192.168.100.153
root@192.168.100.153's password:
Last login: Sun Jan  4 05:45:12 2004 from willsys2
[root@willsys3 ~]# cd /usr/sap/trans/data/
[root@willsys3 data]# ll
total 85216
-rw-rw---- 1 prdadm sapsys 11760497 Jan  3 04:19 R-470COINVIRSA.SAP
-rw-rw---- 1 prdadm sapsys   3279 Jan  4 01:57 R900012.DEV
-rw-rw---- 1 prdadm sapsys 53169405 Jan  2 04:31 RB70010.SAP
-rw-rw---- 1 prdadm sapsys 5060980 Jan 31 2011 RD70038.SAP
-rw-r--r-- 1 root   root   17127158 Jan  4 05:44 RT00001.DEV
[root@willsys3 data]# chown prdadm:sapsys RT00001.DEV
[root@willsys3 data]# cd ..
[root@willsys3 trans]# cd cofiles/
[root@willsys3 cofiles]# ll
total 40
-rw-rw-r-- 1 prdadm sapsys 553 Jan  3 04:32 K-470COINVIRSA.SAP
-rw-rw---- 1 prdadm sapsys 772 Jan  4 01:59 K900012.DEV
-rw-rw-r-- 1 prdadm sapsys 554 Jan  2 05:23 KB70010.SAP
-rw-rw-r-- 1 prdadm sapsys 598 Jan 31 2011 KD70038.SAP
-rw-r--r-- 1 root   root   340 Jan  4 05:43 KT00001.DEV
[root@willsys3 cofiles]# chown prdadm:sapsys KT00001.DEV
[root@willsys3 cofiles]#

```

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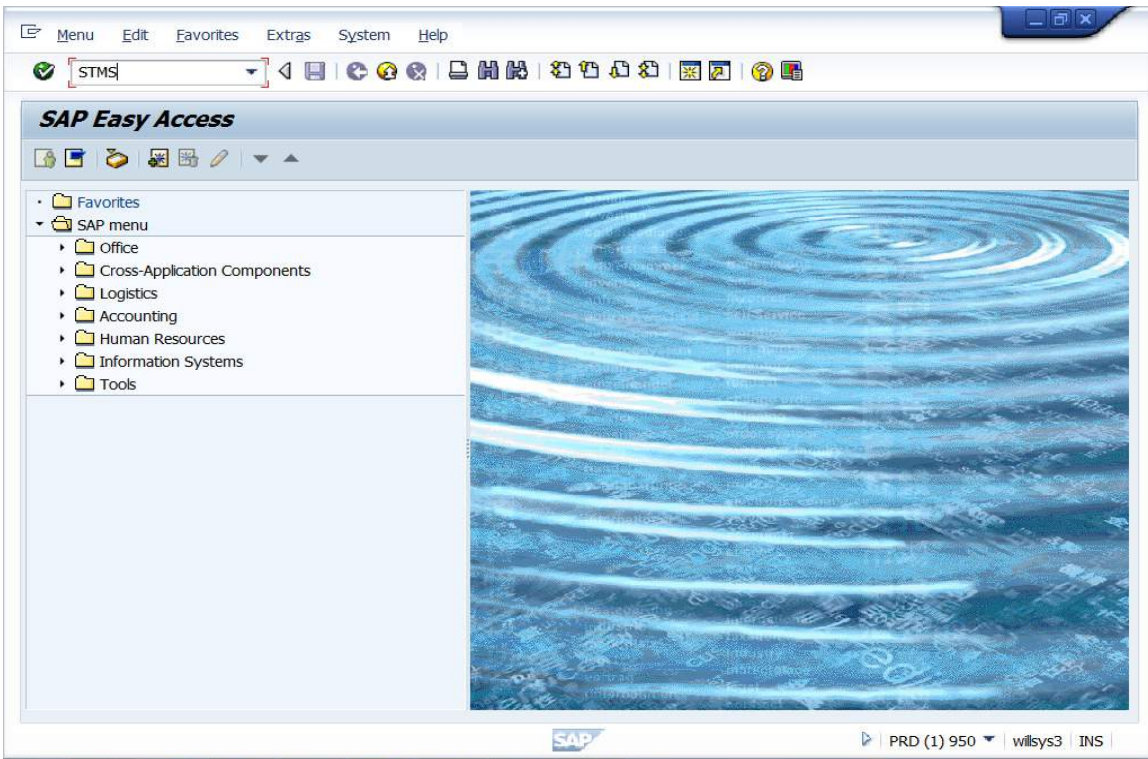
Confidential Document

Login to target client using SAP* and "PASS"→



We need to include the request into the queue using STMS→

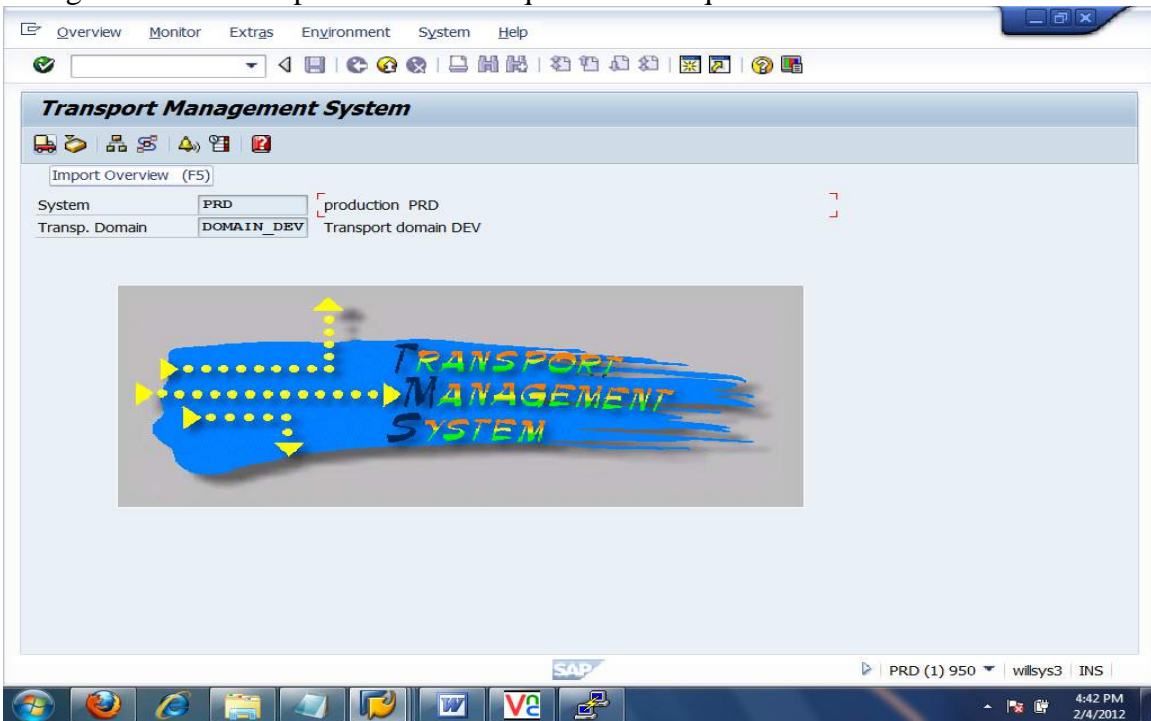
Execute Transaction Code "STMS"→



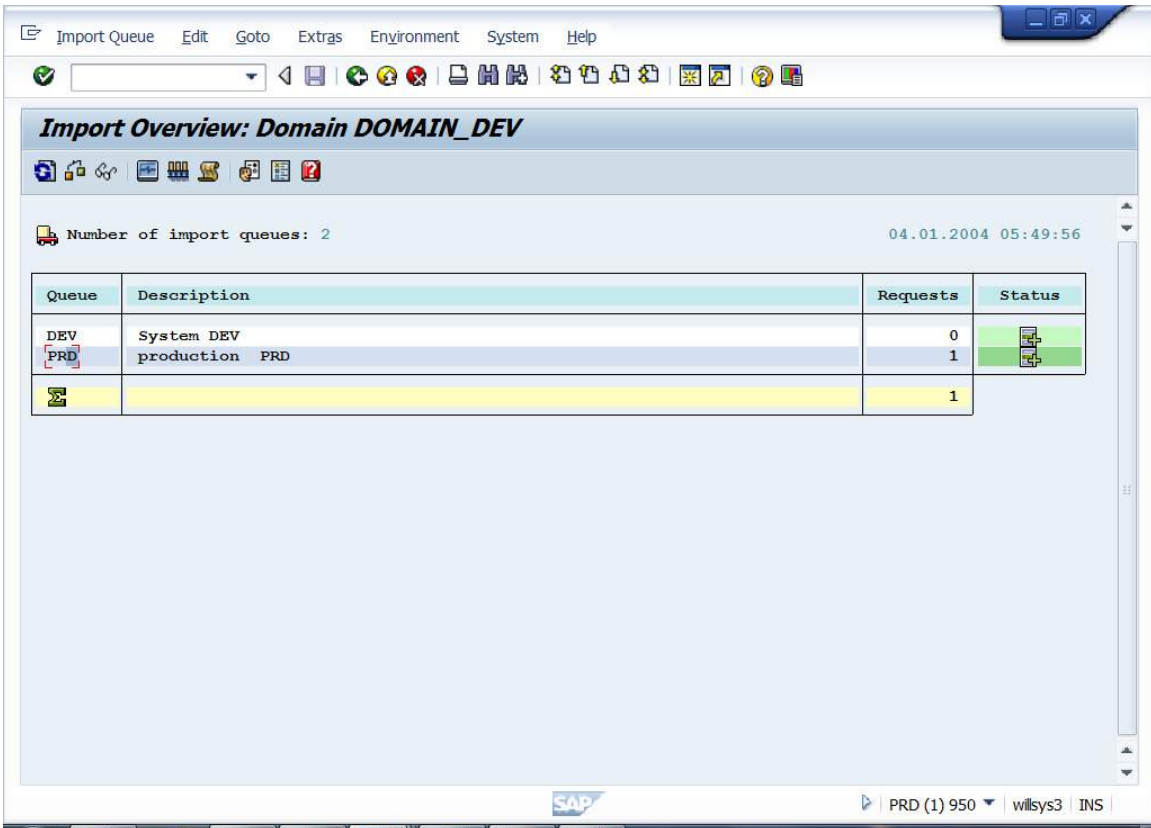
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Navigate to the below path to add the request into the queue→



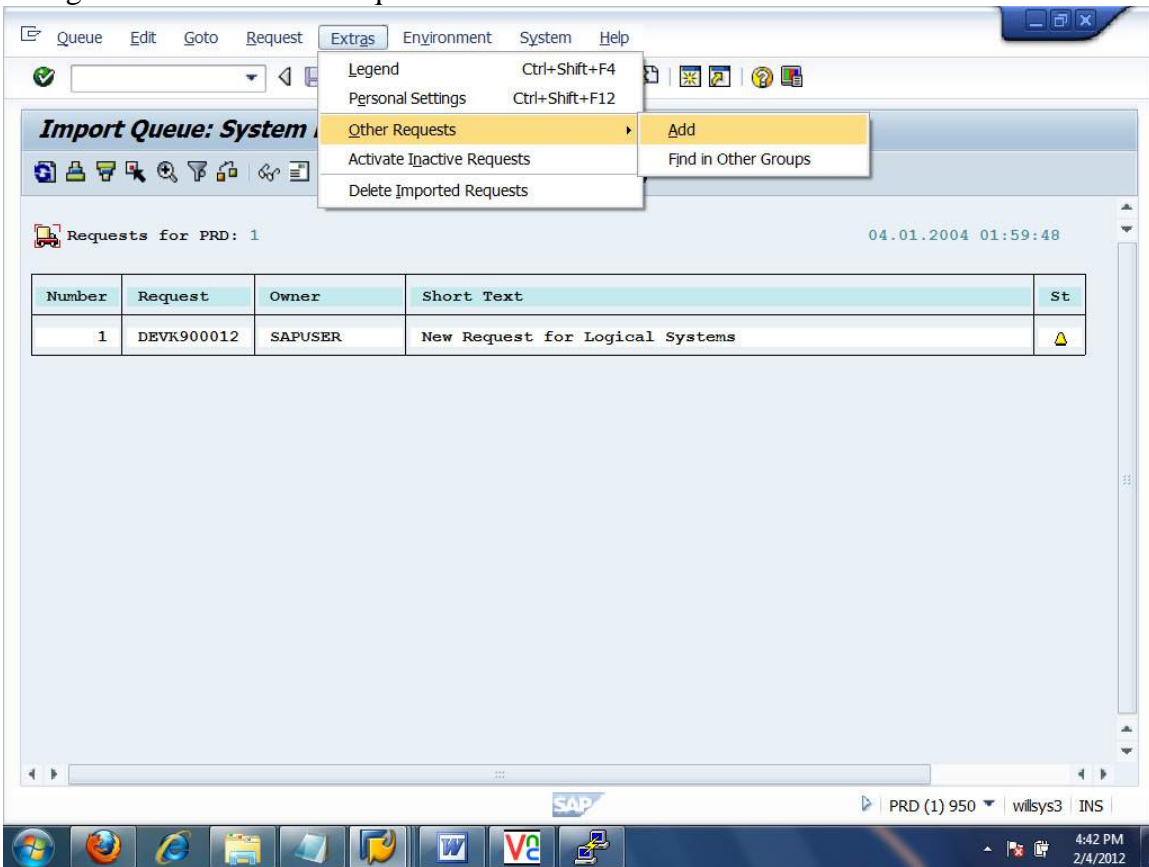
Double click on the PRD→



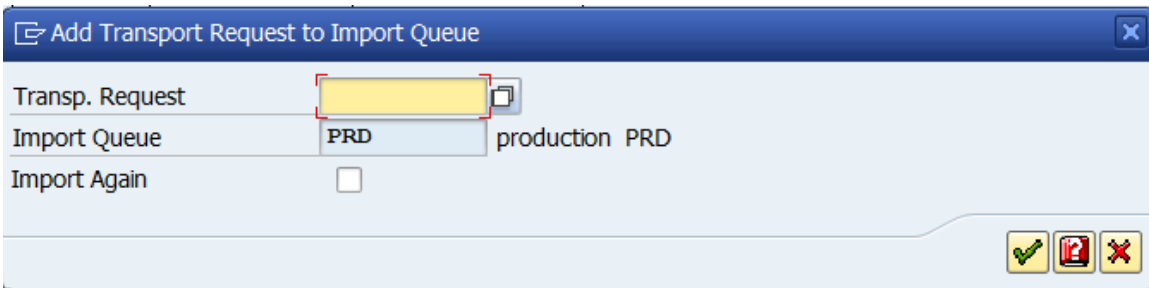
CLIENT COPIES

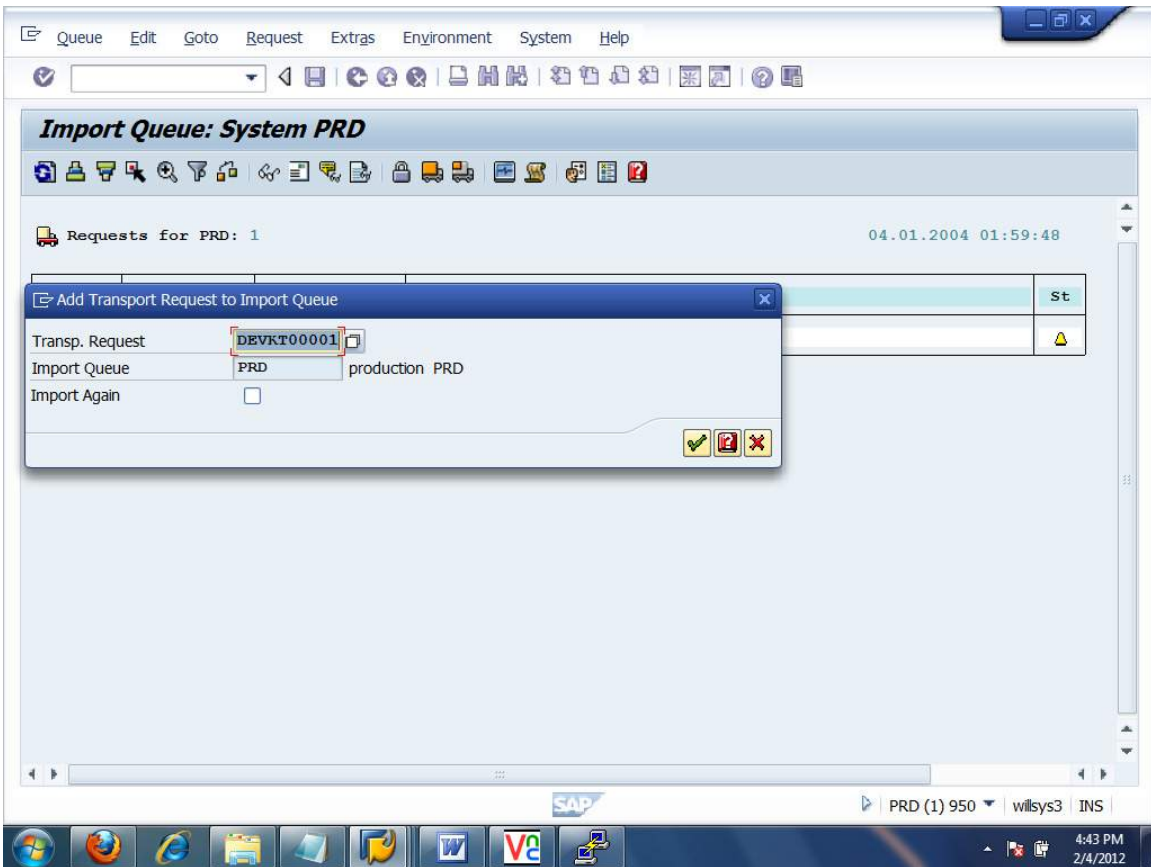
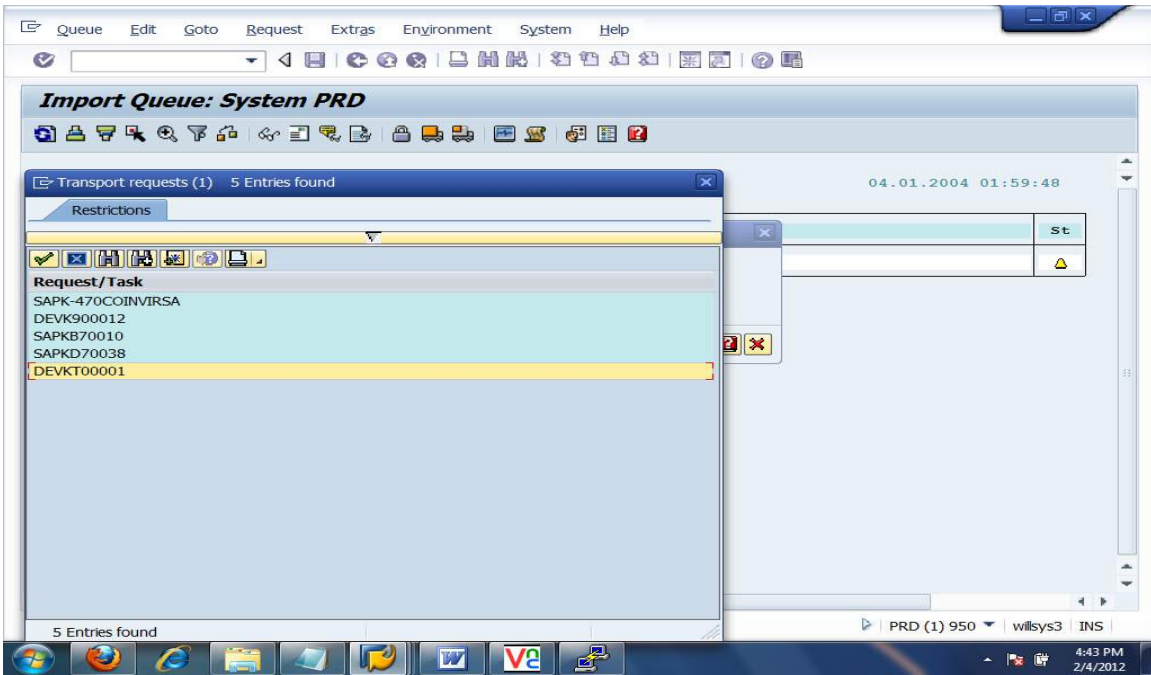
Confidential Document

Navigate to extras → other requests → Add →



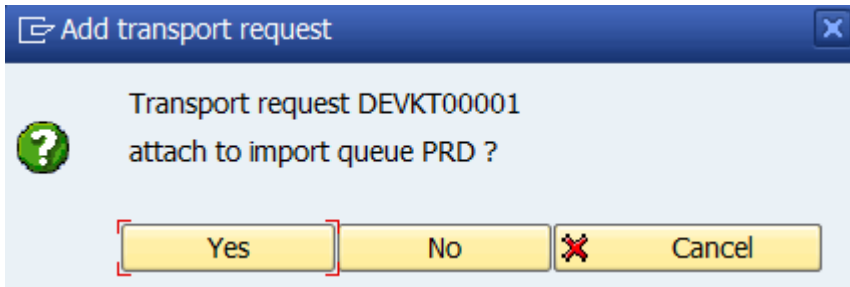
Select the Request and click on “ok” →



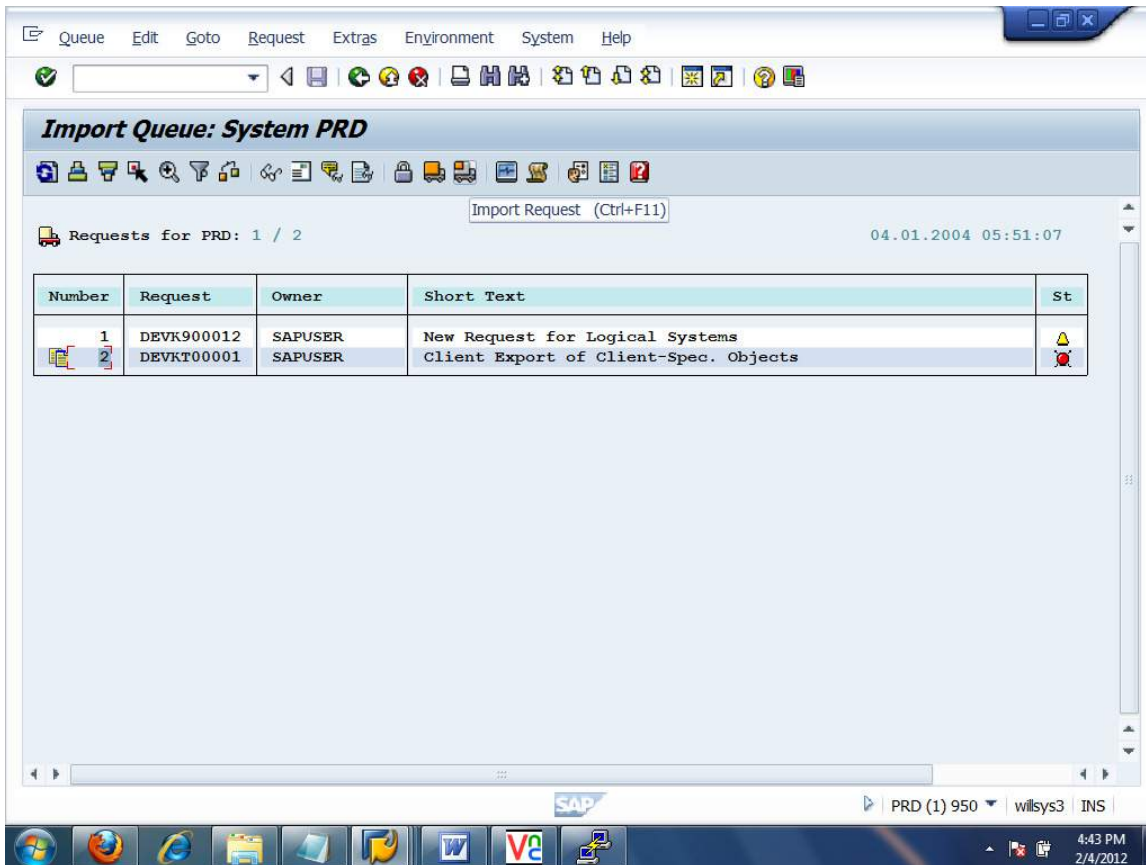


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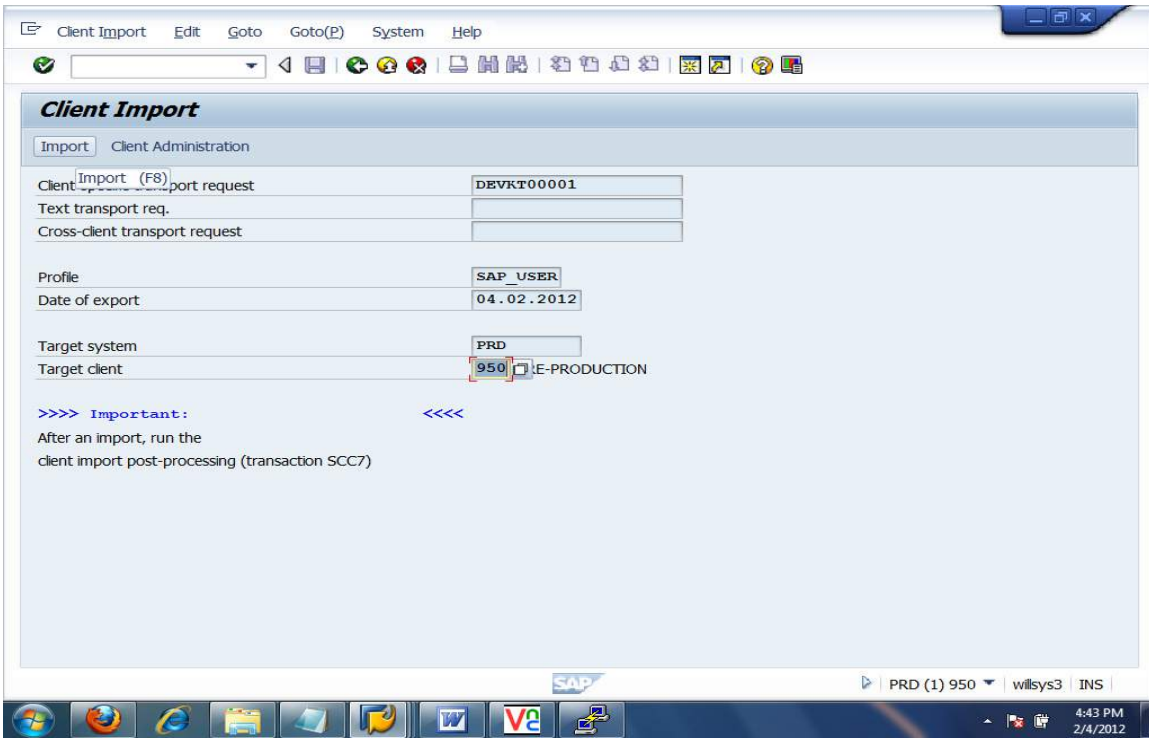
Confidential Document



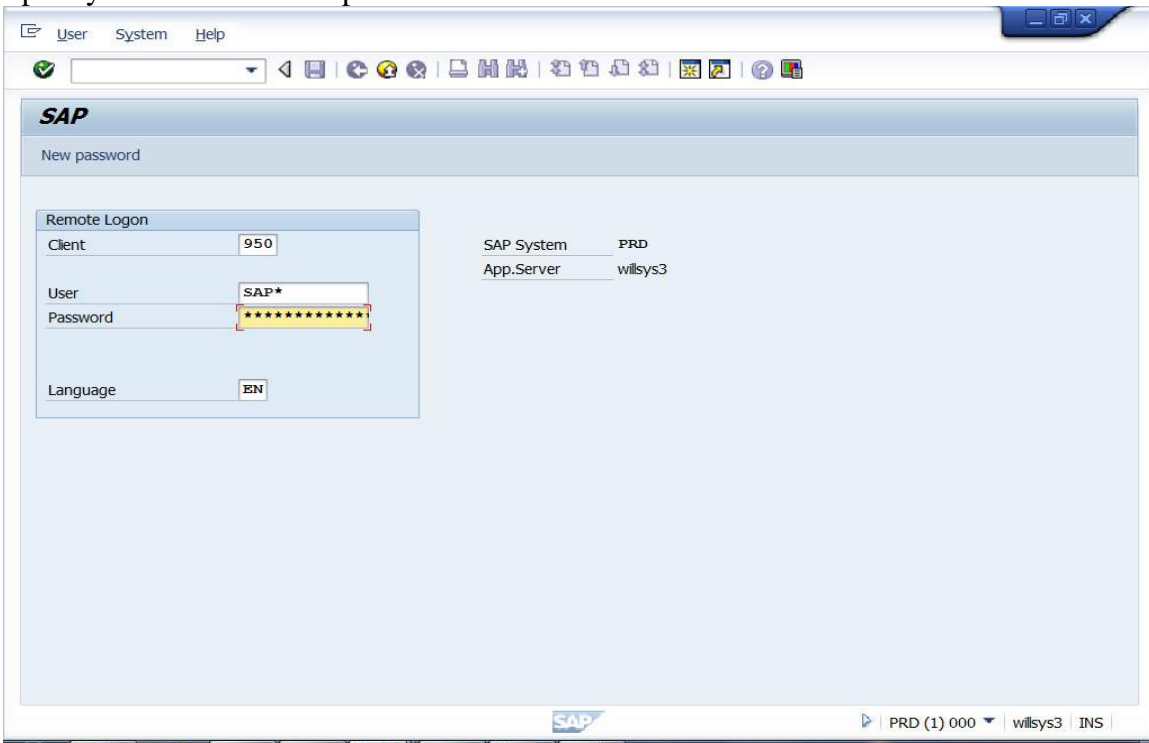
Click on “Yes”→



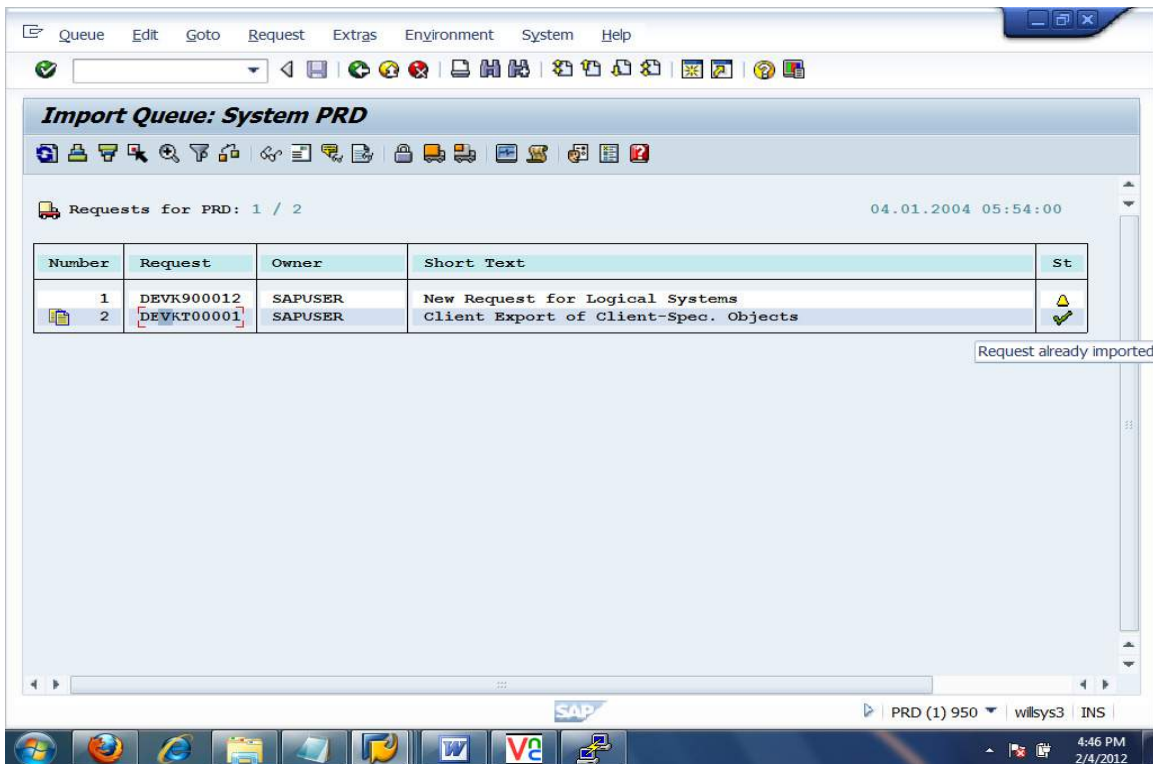
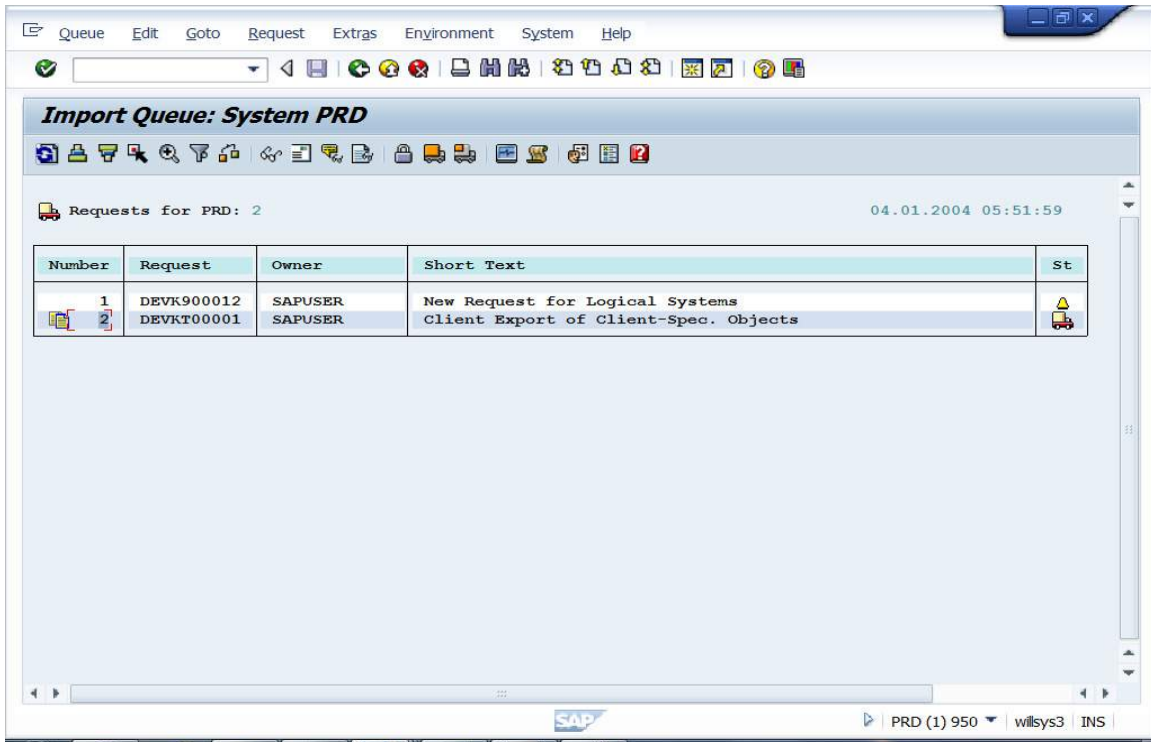
Click on Semi Loaded Truck to Import→



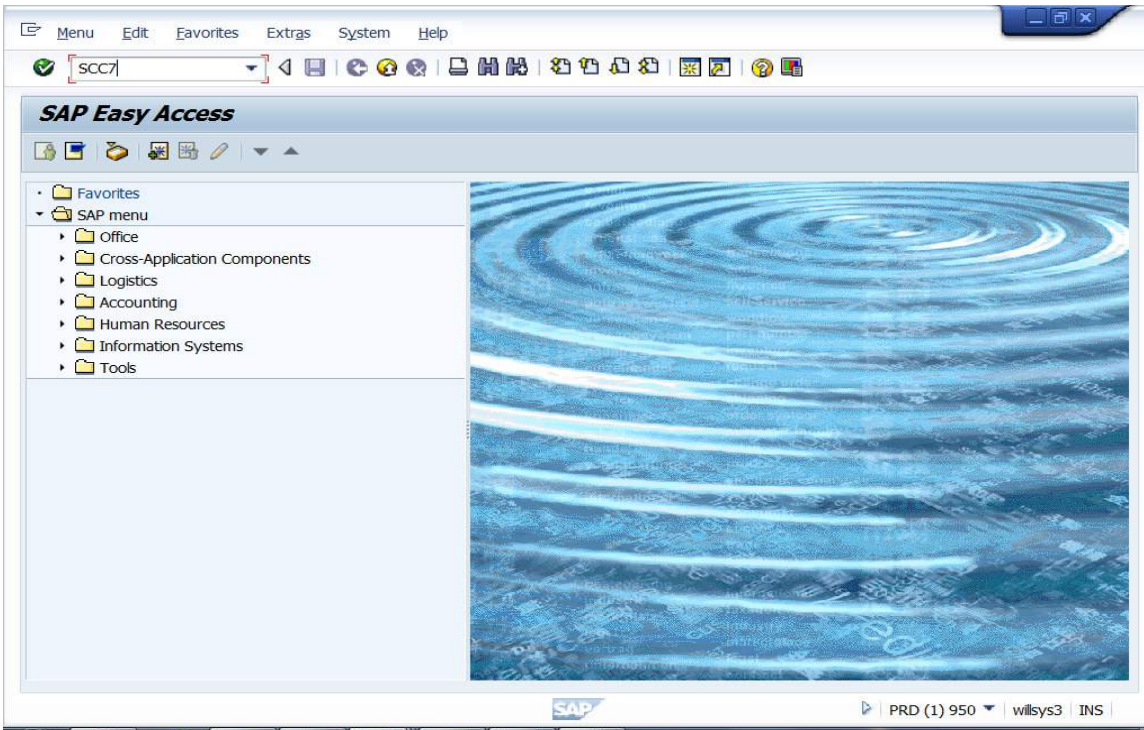
Specify the target client and click on "Import" →
Specify the username and password →



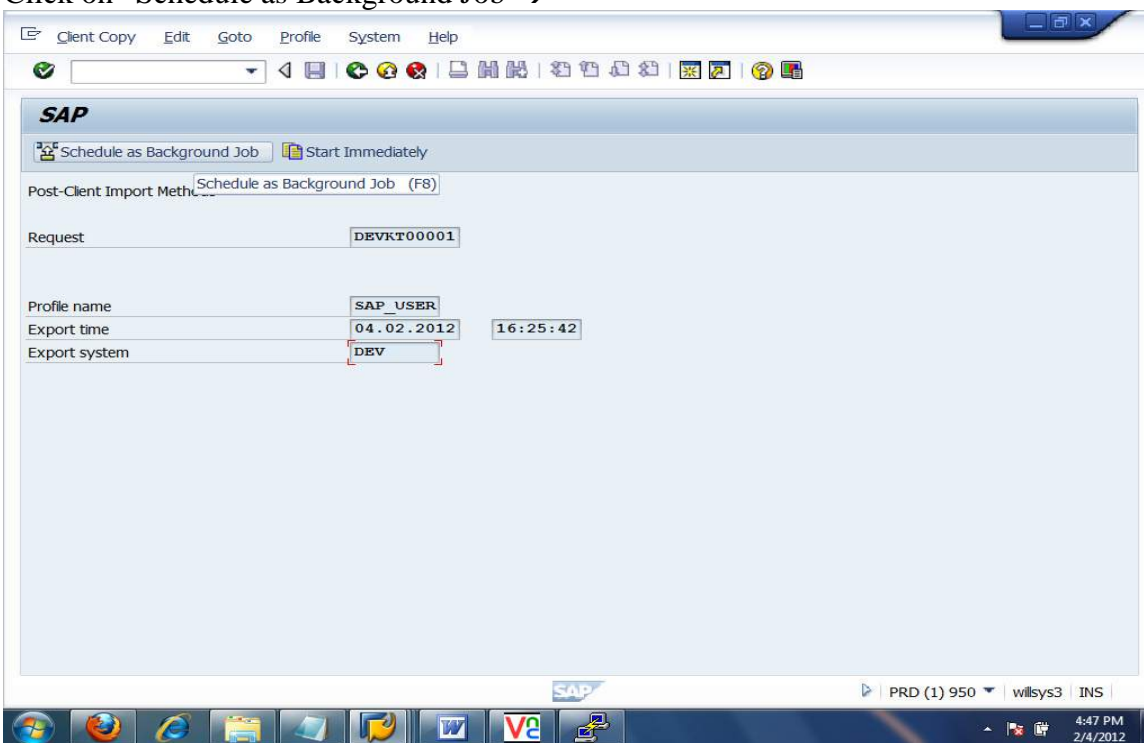
Now the import is started



Request Imported Successfully
 Now Execute Transaction Code "SCC7"→

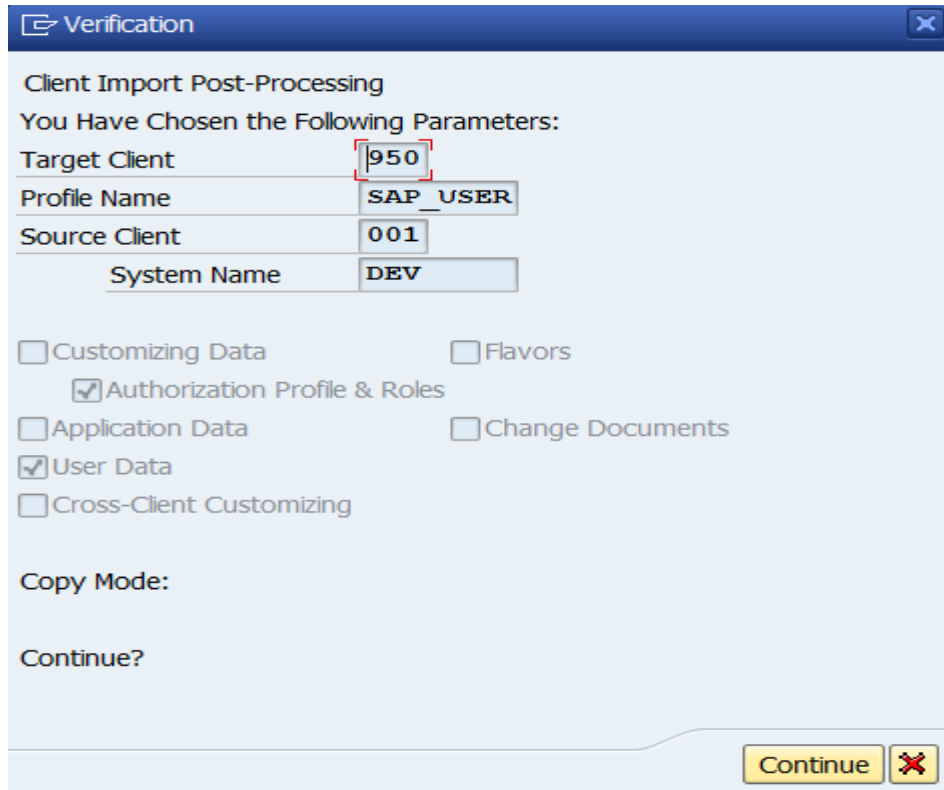
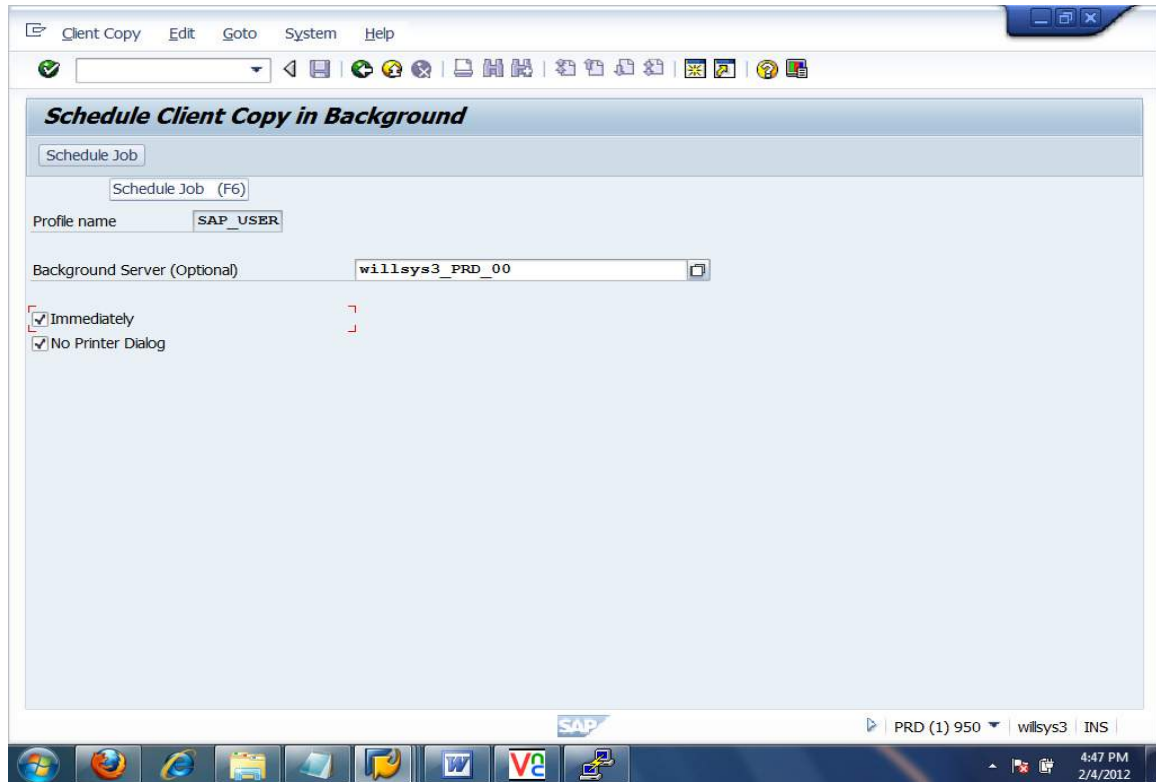


Click on “Schedule as Background Job”→



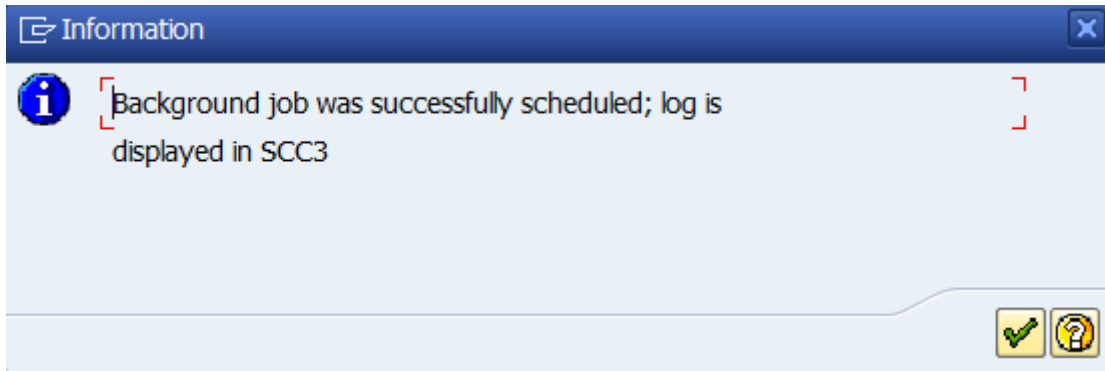
Specify the Background Server and select the option “Immediate”→

Click on “Schedule Job”→



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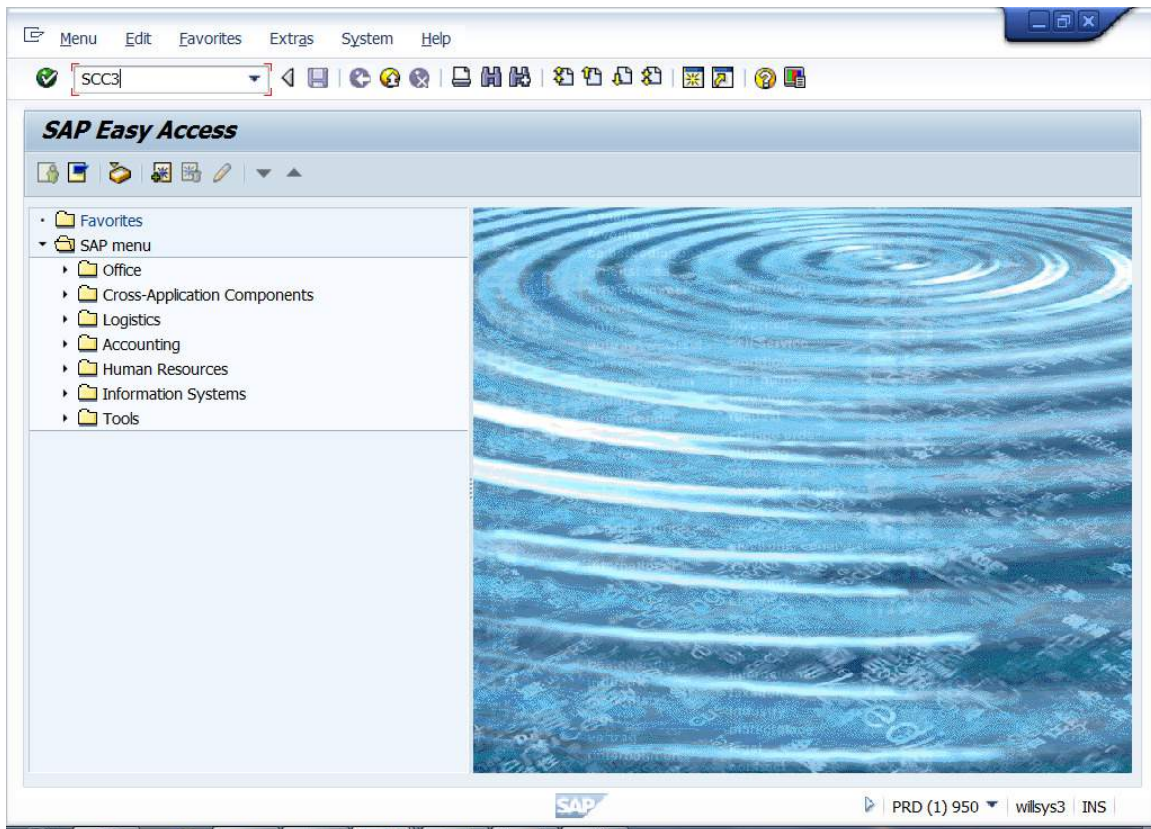
Click on “continue”→



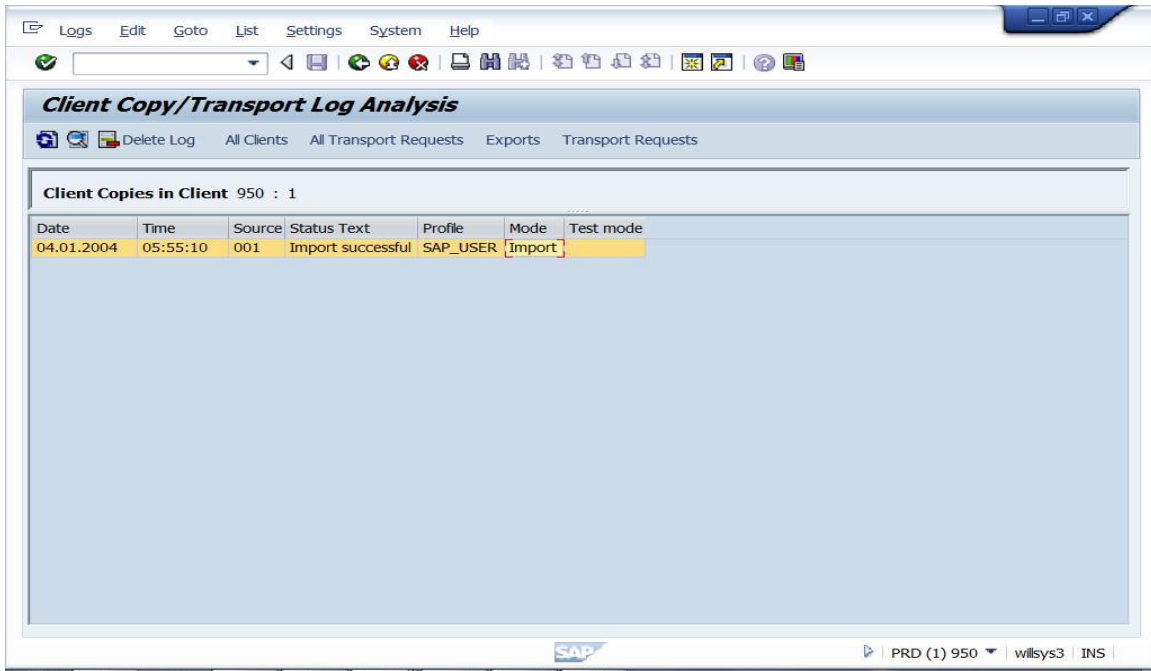
Click on “ok’→

MONITORING: SCC3

Execute Transaction Code “SCC3”→



Double click to check the Number of Tables and status→



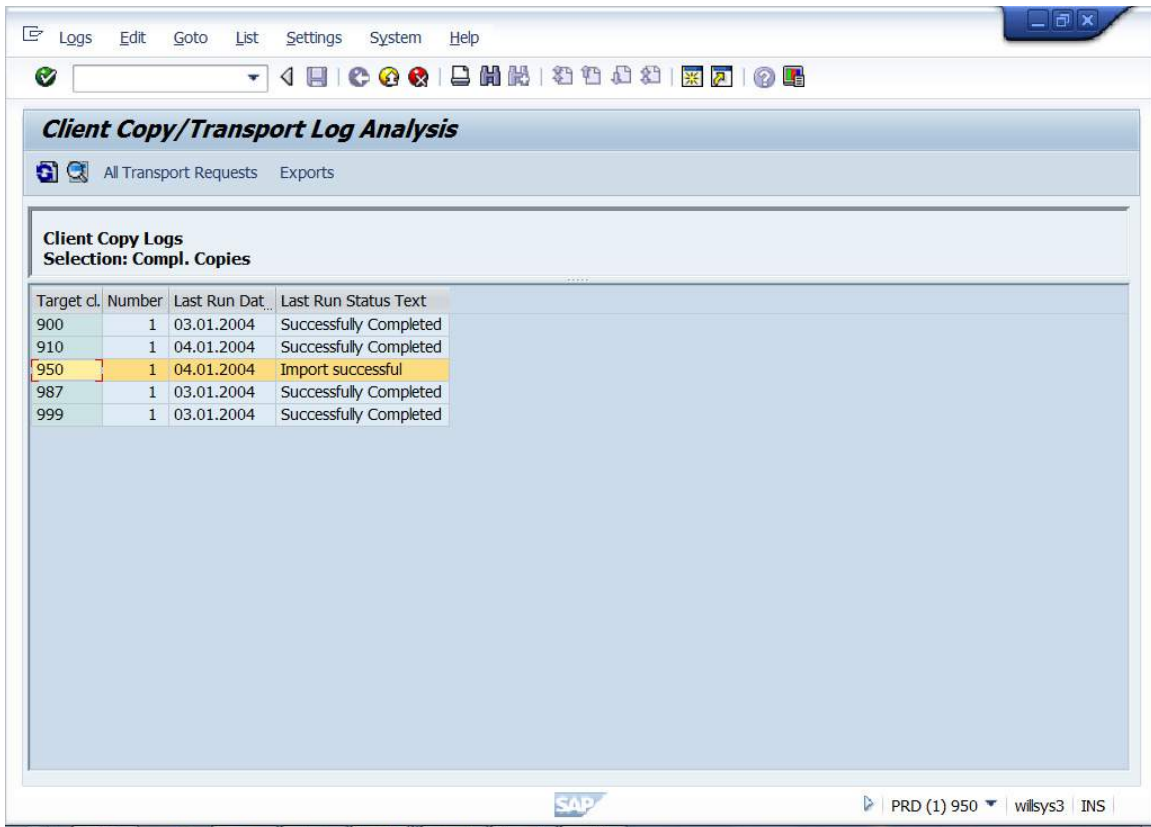
Client Copy/Transport Log Analysis

Delete Log All Clients All Transport Requests Exports Transport Requests

Client Copies in Client 950 : 1

Date	Time	Source	Status Text	Profile	Mode	Test mode
04.01.2004	05:55:10	001	Import successful	SAP_USER	Import	

SAP PRD (1) 950 willsys3 INS



Client Copy/Transport Log Analysis

All Transport Requests Exports

Client Copy Logs
Selection: Compl. Copies

Target cl.	Number	Last Run Dat...	Last Run Status Text
900	1	03.01.2004	Successfully Completed
910	1	04.01.2004	Successfully Completed
950	1	04.01.2004	Import successful
987	1	03.01.2004	Successfully Completed
999	1	03.01.2004	Successfully Completed

SAP PRD (1) 950 willsys3 INS

Client is Imported Successfully.
 Client Copy using Export and Import Method is Done Successfully.

Related Content:

www.help.sap.com

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

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