

# SAP DR Switchover on Oracle DB

The Following Screen Shots has to be captured on the Production System before DR Drill

1. SLICENSE→Download the License for DR System as the Hardware key may differ from Production System to disaster recovery system

The screenshot shows the SAP License Administration interface. At the top, there is a menu bar with 'Goto', 'Edit', 'System', and 'Help'. Below the menu bar is a toolbar with various icons. The main title is 'SAP License Administration # Digitally-Signed License Keys'. Below the title, there are icons for 'Online Documentation' and 'Old Licenses'. The interface is divided into several sections:

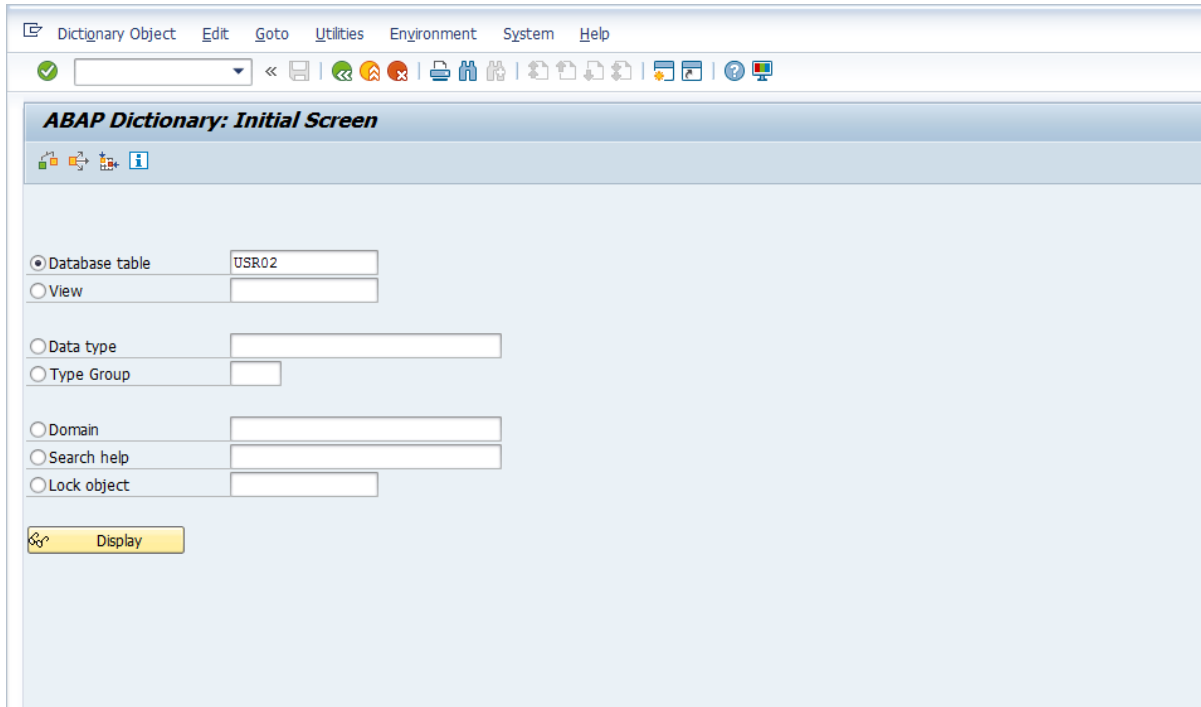
- Current Settings:** A table with the following data:

Active Hardware Key	Q1881127160
Installation Number	0020311134
License Expiration Date	31.12.9999
System Number	000000000312361125
<input type="checkbox"/> <input checked="" type="checkbox"/> NetWeaver_MSS	Software Product of this System
- Installed Licenses:** A table titled 'Licenses in the Database' with the following data:

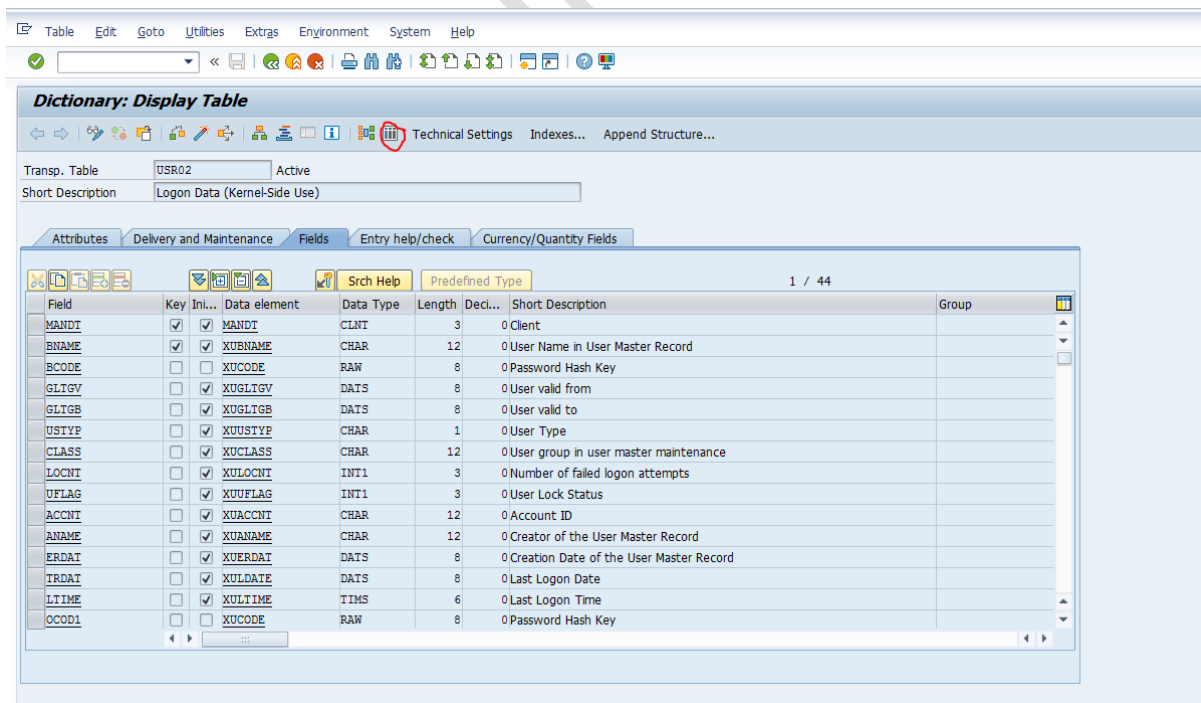
St...	SID	Hardware Key	Sware Prod	Valid From	Valid To	Type	Inst. No
<input type="checkbox"/> <input checked="" type="checkbox"/>	EHI	Q1881127160	NetWeaver_MSS	02.11.2014	31.12.9999	Perm	002031:
<input checked="" type="checkbox"/> <input type="checkbox"/>	EHI	Q1881127160	Maintenance_MSS	02.11.2014	03.02.2015	Perm	002031:
- Remote Hardware Key:** A section titled 'Determined HW Key' with a table for 'Host' and 'Hardware Key'. Below the table is a 'Determine' button.
- Request License Key:** A section at the bottom of the interface.

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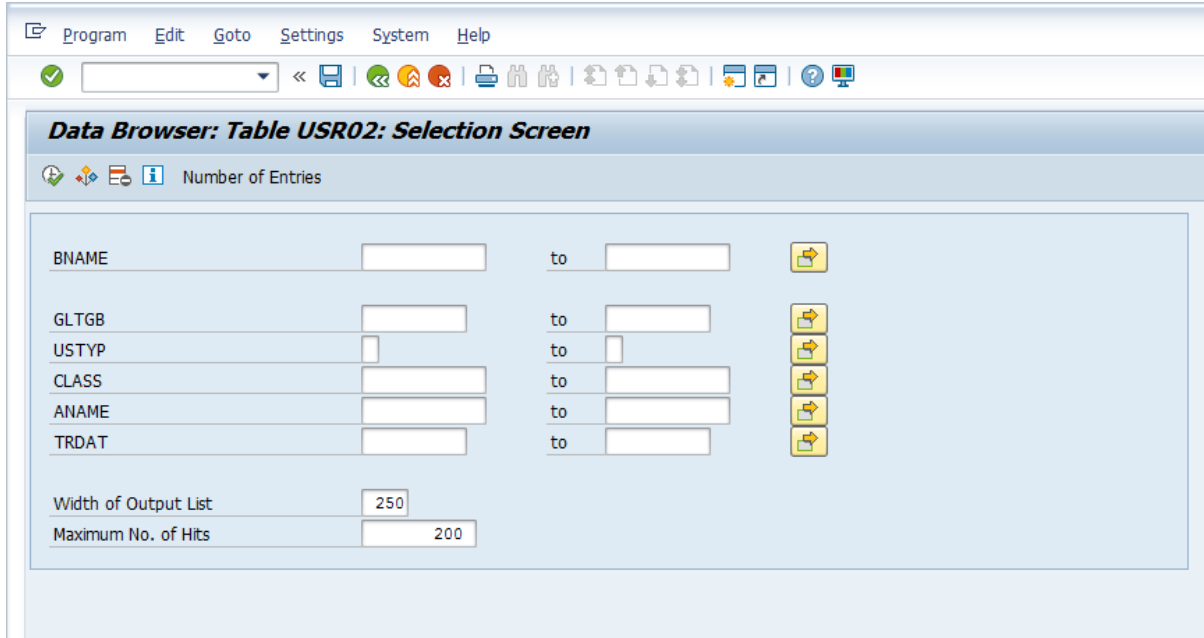
2. Check the Table Entries to match between the Primary Server and DR Server.(User Master USR02)



Execute Transaction SE12

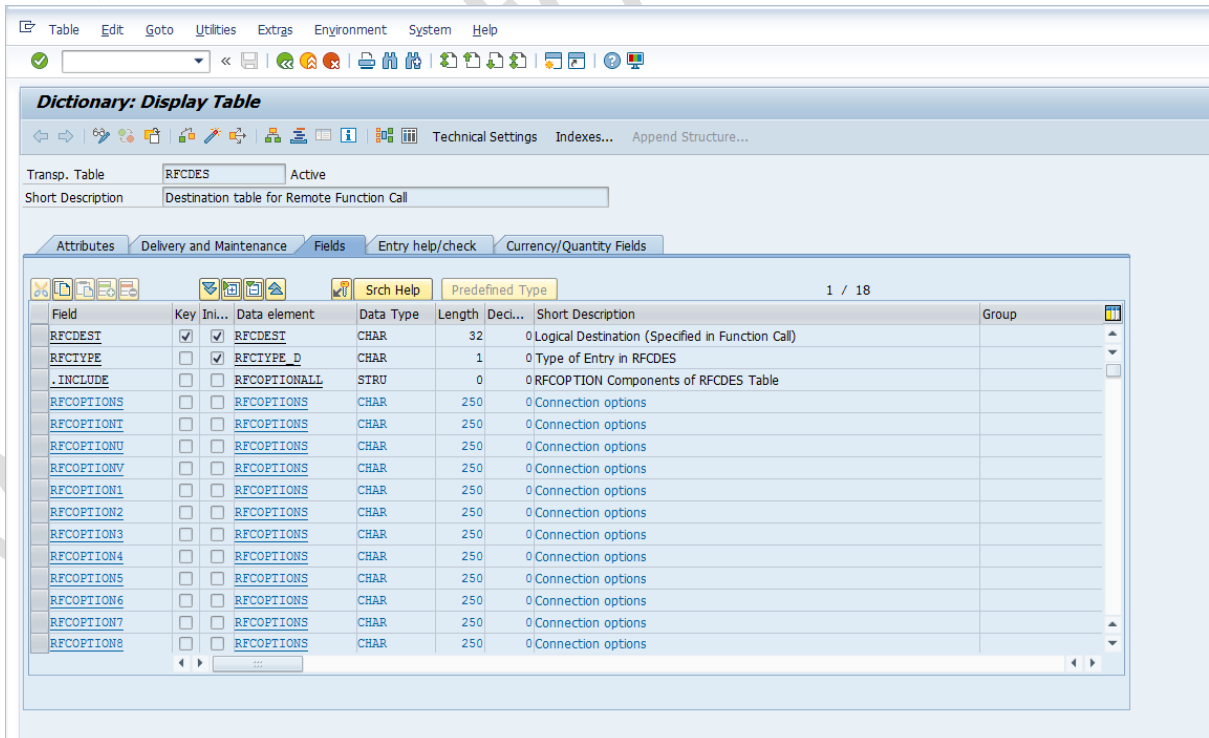


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Click on number of entries to display the number of users

3. Check the Table Entries to match between the Primary Server and DR Server.(RFC Destinations RFCDES)



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**Data Browser: Table RFCDES: Selection Screen**

Number of Entries

RFCDEST	<input type="text"/>	to	<input type="text"/>	
RFCTYPE	<input type="checkbox"/>	to	<input type="checkbox"/>	
RFCOPTIONS	<input type="text"/>	to	<input type="text"/>	
RFCOPTIONT	<input type="text"/>	to	<input type="text"/>	
RFCOPTIONU	<input type="text"/>	to	<input type="text"/>	
RFCOPTIONV	<input type="text"/>	to	<input type="text"/>	
RFCOPTION1	<input type="text"/>	to	<input type="text"/>	
RFCOPTION2	<input type="text"/>	to	<input type="text"/>	
RFCOPTION3	<input type="text"/>	to	<input type="text"/>	
RFCOPTION4	<input type="text"/>	to	<input type="text"/>	
RFCOPTIONS5	<input type="text"/>	to	<input type="text"/>	
RFCOPTION6	<input type="text"/>	to	<input type="text"/>	
RFCOPTION7	<input type="text"/>	to	<input type="text"/>	
RFCOPTION8	<input type="text"/>	to	<input type="text"/>	
RFCOPTION9	<input type="text"/>	to	<input type="text"/>	
RFCOPTIONA	<input type="text"/>	to	<input type="text"/>	
RFCOPTIONB	<input type="text"/>	to	<input type="text"/>	

Width of Output List   
Maximum No. of Hits

4. Check the Table Entries to match between the Primary Server and DR Server.(Repository Tables TADIR)

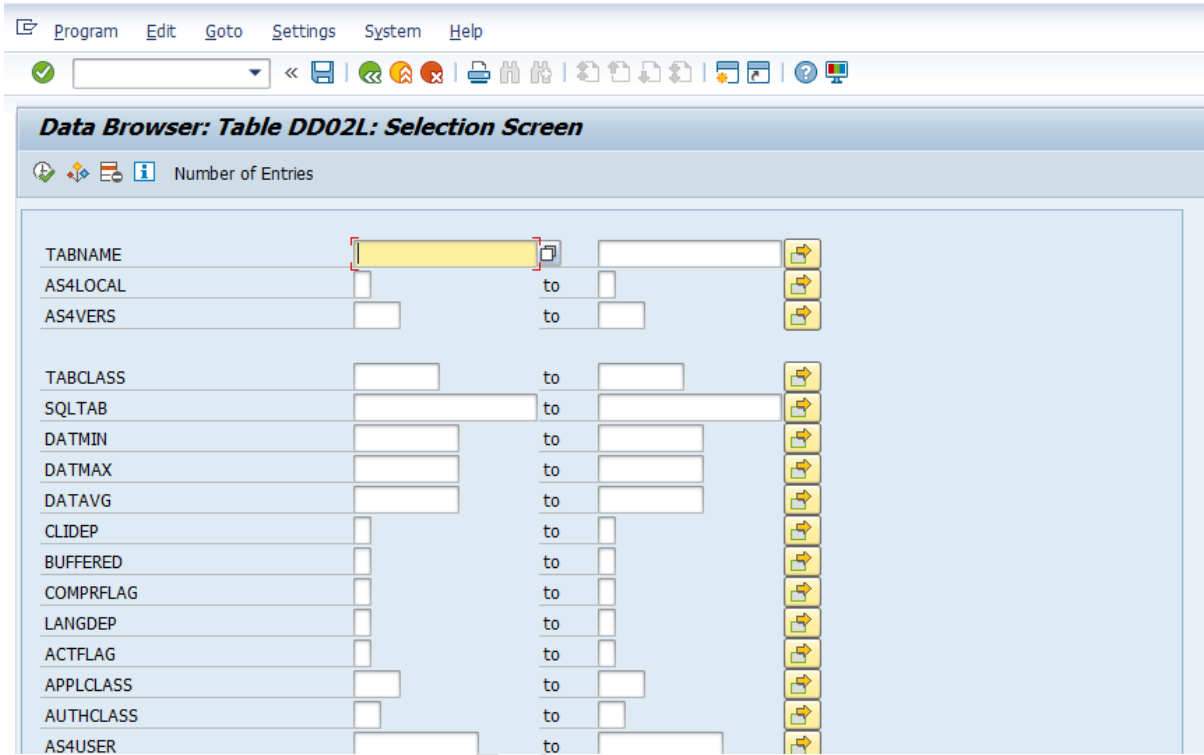
**Data Browser: Table TADIR: Selection Screen**

Number of Entries

PGMID	<input type="text"/>	to	<input type="text"/>	
OBJECT	<input type="text"/>	to	<input type="text"/>	
OBJ_NAME	<input type="text"/>	to	<input type="text"/>	
KORRNUM	<input type="text"/>	to	<input type="text"/>	
SRCSYSTEM	<input type="text"/>	to	<input type="text"/>	
AUTHOR	<input type="text"/>	to	<input type="text"/>	
SRCDEP	<input type="checkbox"/>	to	<input type="checkbox"/>	
DEVCLASS	<input type="text"/>	to	<input type="text"/>	
GENFLAG	<input type="checkbox"/>	to	<input type="checkbox"/>	
EDTFLAG	<input type="checkbox"/>	to	<input type="checkbox"/>	
CPROJECT	<input type="text"/>	to	<input type="text"/>	
MASTERLANG	<input type="checkbox"/>	to	<input type="checkbox"/>	
VERSID	<input type="text"/>	to	<input type="text"/>	
PAKNOCHECK	<input type="checkbox"/>	to	<input type="checkbox"/>	
OBJSTABTY	<input type="text"/>	to	<input type="text"/>	
COMPONENT	<input type="text"/>	to	<input type="text"/>	
CRELEASE	<input type="text"/>	to	<input type="text"/>	
DELFLAG	<input type="checkbox"/>	to	<input type="checkbox"/>	
TRANSLTXT	<input type="checkbox"/>	to	<input type="checkbox"/>	
CREATED_ON	<input type="text"/>	to	<input type="text"/>	
CHECK_DATE	<input type="text"/>	to	<input type="text"/>	
CHECK_CFG	<input type="text"/>	to	<input type="text"/>	

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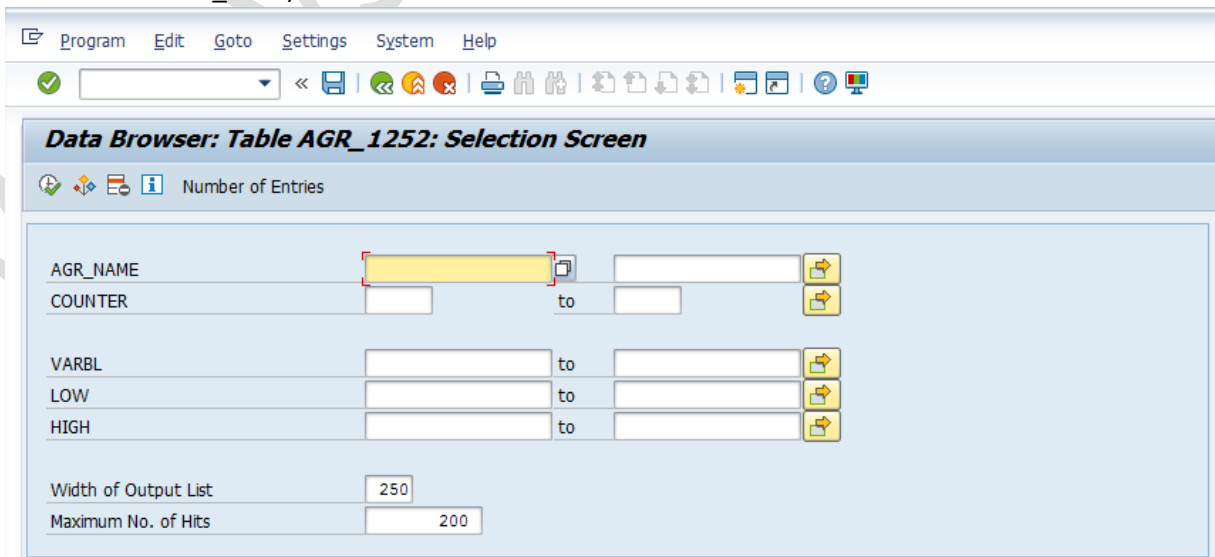
5. Check the Table Entries to match between the Primary Server and DR Server.(Data Dictionary Tables DD02L)



The screenshot shows the SAP Data Browser interface for Table DD02L. The title bar reads "Data Browser: Table DD02L: Selection Screen". Below the title bar, there are icons for navigation and a "Number of Entries" field. The main area contains a list of fields for comparison between the Primary Server and DR Server. The fields are:

Field	Primary Server	DR Server
TABNAME	<input type="text"/>	<input type="text"/>
AS4LOCAL	<input type="checkbox"/>	to <input type="checkbox"/>
AS4VERS	<input type="checkbox"/>	to <input type="checkbox"/>
TABCLASS	<input type="text"/>	to <input type="text"/>
SQLTAB	<input type="text"/>	to <input type="text"/>
DATMIN	<input type="text"/>	to <input type="text"/>
DATMAX	<input type="text"/>	to <input type="text"/>
DATAVG	<input type="text"/>	to <input type="text"/>
CLIDEP	<input type="checkbox"/>	to <input type="checkbox"/>
BUFFERED	<input type="checkbox"/>	to <input type="checkbox"/>
COMPRFLAG	<input type="checkbox"/>	to <input type="checkbox"/>
LANGDEP	<input type="checkbox"/>	to <input type="checkbox"/>
ACTFLAG	<input type="checkbox"/>	to <input type="checkbox"/>
APPLCLASS	<input type="text"/>	to <input type="text"/>
AUTHCLASS	<input type="checkbox"/>	to <input type="checkbox"/>
AS4USER	<input type="text"/>	to <input type="text"/>

6. Check the Table Entries to match between the Primary Server and DR Server.(Roles Table Destinations AGR\_1252)



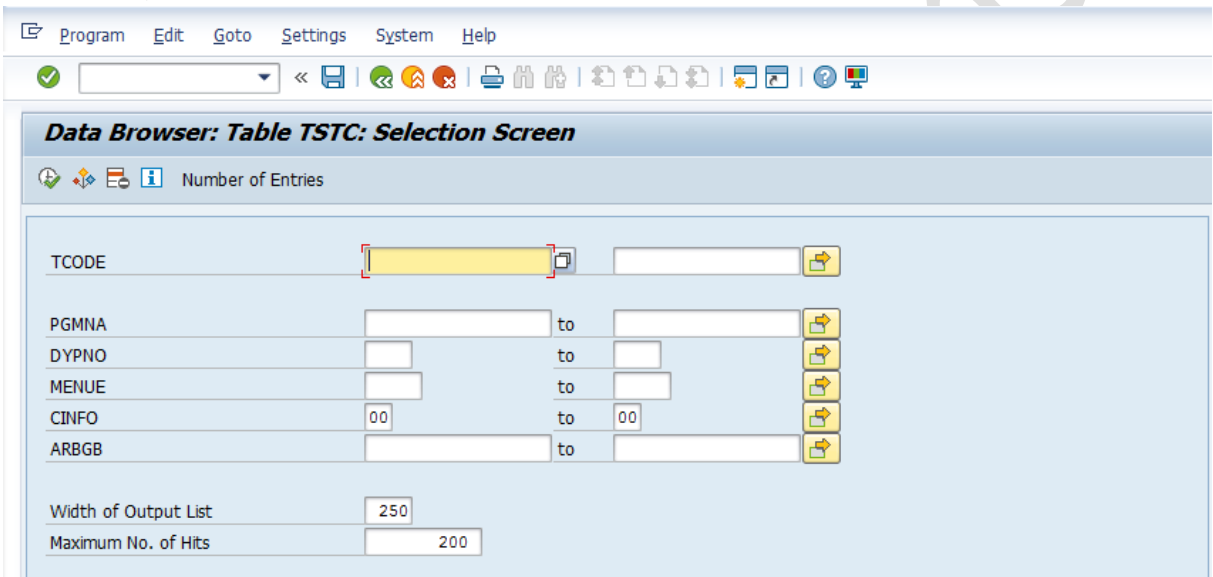
The screenshot shows the SAP Data Browser interface for Table AGR\_1252. The title bar reads "Data Browser: Table AGR\_1252: Selection Screen". Below the title bar, there are icons for navigation and a "Number of Entries" field. The main area contains a list of fields for comparison between the Primary Server and DR Server. The fields are:

Field	Primary Server	DR Server
AGR_NAME	<input type="text"/>	<input type="text"/>
COUNTER	<input type="text"/>	to <input type="text"/>
VARBL	<input type="text"/>	to <input type="text"/>
LOW	<input type="text"/>	to <input type="text"/>
HIGH	<input type="text"/>	to <input type="text"/>

Width of Output List:   
Maximum No. of Hits:

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7. Check the Table Entries to match between the Primary Server and DR Server (Transactions Tables TSTC)



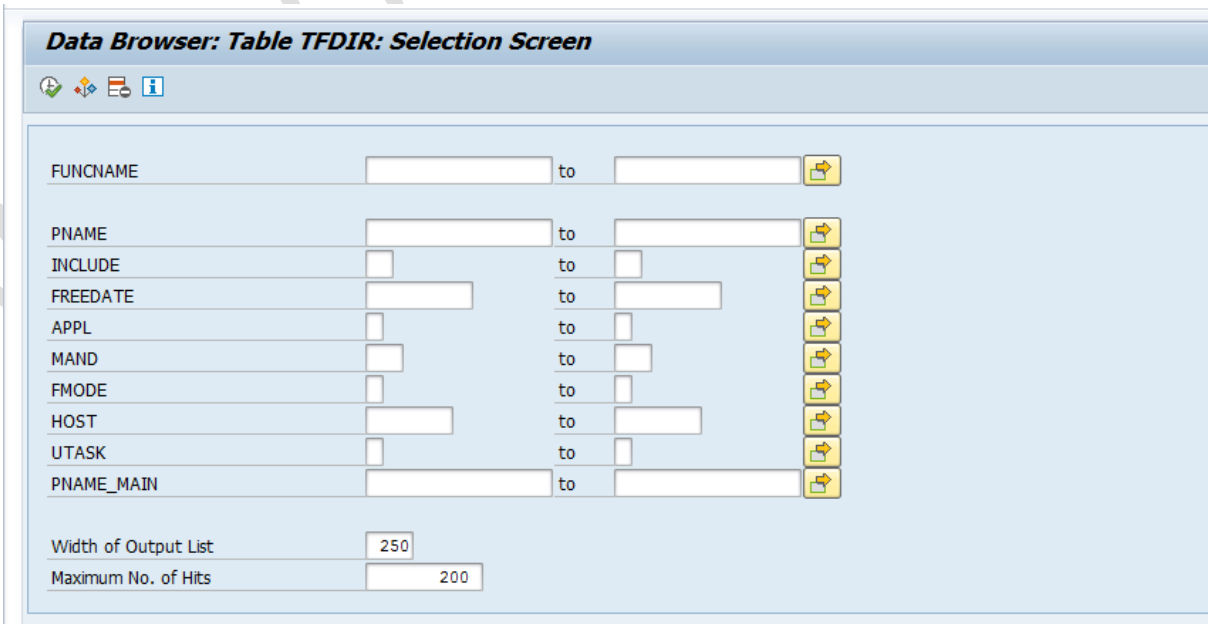
The screenshot shows the SAP Data Browser interface for the 'Table TSTC: Selection Screen'. The window title is 'Data Browser: Table TSTC: Selection Screen'. The interface includes a menu bar (Program, Edit, Goto, Settings, System, Help) and a toolbar with various icons. Below the toolbar, there are several input fields for table selection:

TCODE	<input type="text"/>	to	<input type="text"/>	<input type="button" value="Go"/>
PGMNA	<input type="text"/>	to	<input type="text"/>	<input type="button" value="Go"/>
DYPNO	<input type="text"/>	to	<input type="text"/>	<input type="button" value="Go"/>
MENUE	<input type="text"/>	to	<input type="text"/>	<input type="button" value="Go"/>
CINFO	<input type="text" value="00"/>	to	<input type="text" value="00"/>	<input type="button" value="Go"/>
ARGBB	<input type="text"/>	to	<input type="text"/>	<input type="button" value="Go"/>

At the bottom, there are two more input fields:

Width of Output List	<input type="text" value="250"/>
Maximum No. of Hits	<input type="text" value="200"/>

8. Check the Table Entries to match between the Primary Server and DR Server (Function Modules Table TFDIR)



The screenshot shows the SAP Data Browser interface for the 'Table TFDIR: Selection Screen'. The window title is 'Data Browser: Table TFDIR: Selection Screen'. The interface includes a menu bar and a toolbar. Below the toolbar, there are several input fields for table selection:

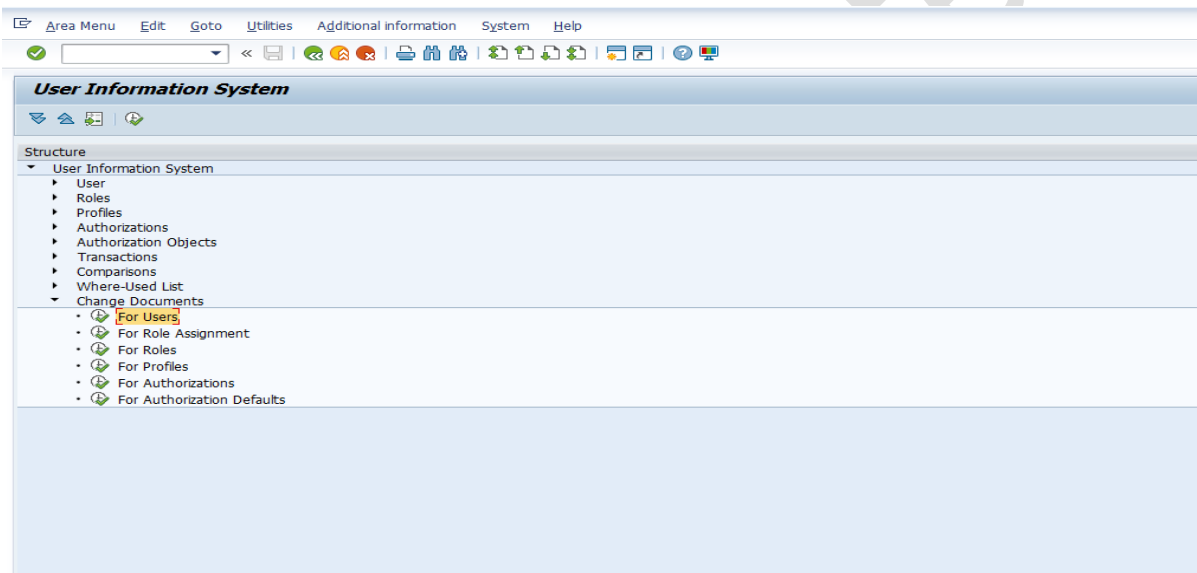
FUNCNAME	<input type="text"/>	to	<input type="text"/>	<input type="button" value="Go"/>
PNAME	<input type="text"/>	to	<input type="text"/>	<input type="button" value="Go"/>
INCLUDE	<input type="text"/>	to	<input type="text"/>	<input type="button" value="Go"/>
FREEDATE	<input type="text"/>	to	<input type="text"/>	<input type="button" value="Go"/>
APPL	<input type="text"/>	to	<input type="text"/>	<input type="button" value="Go"/>
MAND	<input type="text"/>	to	<input type="text"/>	<input type="button" value="Go"/>
FMODE	<input type="text"/>	to	<input type="text"/>	<input type="button" value="Go"/>
HOST	<input type="text"/>	to	<input type="text"/>	<input type="button" value="Go"/>
UTASK	<input type="text"/>	to	<input type="text"/>	<input type="button" value="Go"/>
PNAME_MAIN	<input type="text"/>	to	<input type="text"/>	<input type="button" value="Go"/>

At the bottom, there are two more input fields:

Width of Output List	<input type="text" value="250"/>
Maximum No. of Hits	<input type="text" value="200"/>

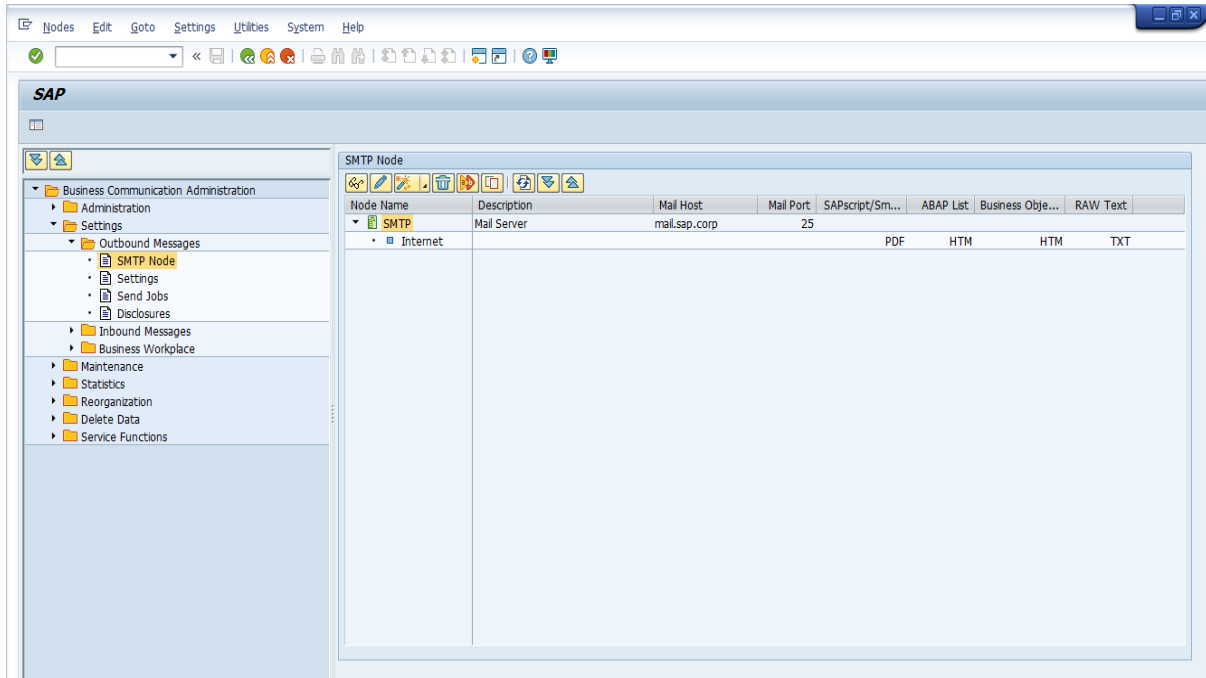
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9. Record the change documents in SUIM Transaction to match between Primary and DR server

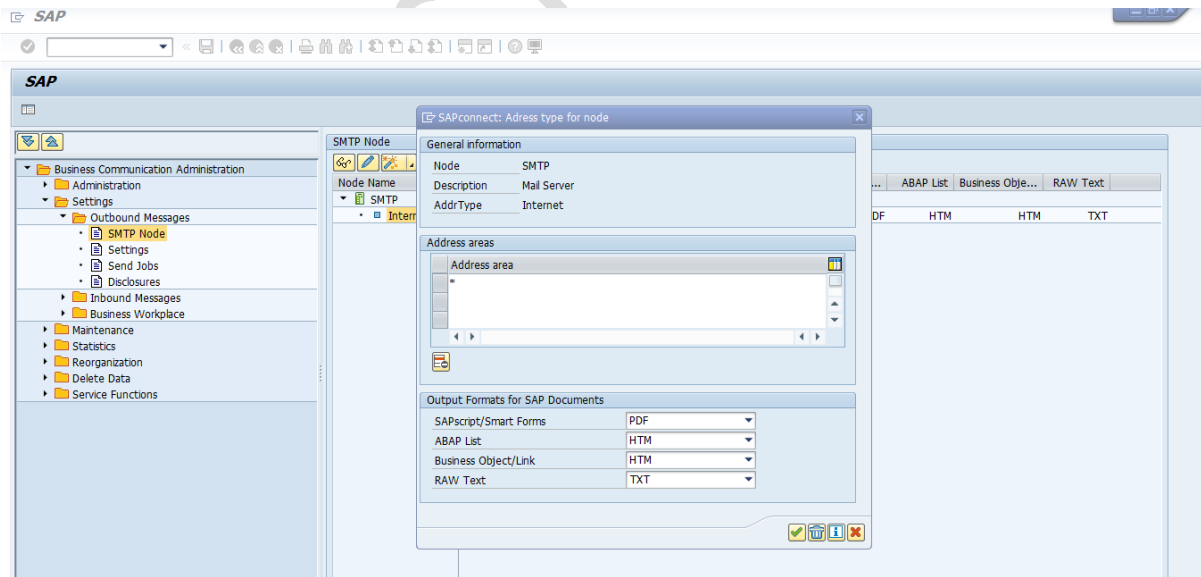


10. Take the Details of SCOT of Primary Server as the Mail Server Details may need to be modified as per the DR Mail Server.

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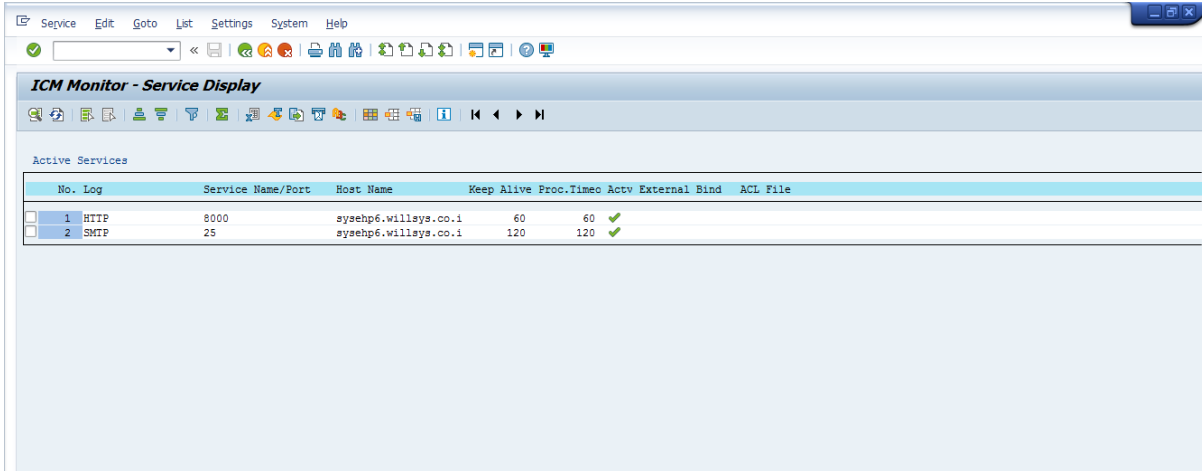
## 11. Record the Details of SCOT Transaction Address Area



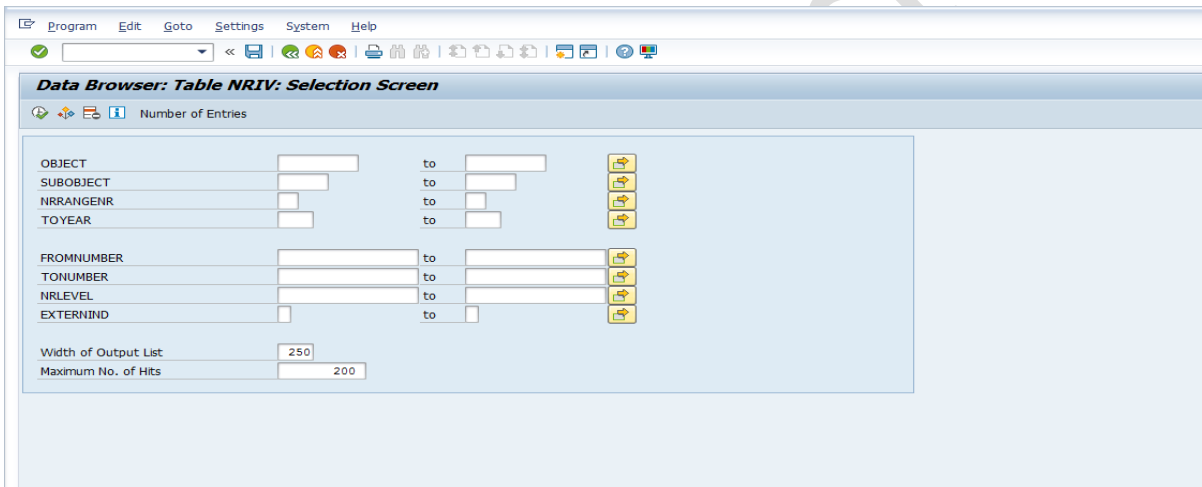
## 12. Check that SMTP service is active in SMICM transaction



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13. Check the Table Entries to match between the Primary Server and DR Server (NRIV Number Range Interval Table).



14. Check and Record the Time Zone Details

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The screenshot shows the SAP GUI interface for the 'Change View Customizing time zones' details. The title bar includes 'Table View', 'Edit', 'Goto', 'Selection criteria', 'Utilities', 'System', and 'Help'. The main content area is titled 'Change View "Customizing time zones": Details' and contains a table with the following data:

Customizing time zones	
System Time Zone	INDIA
User's Default Time Zone	INDIA
Time Zones Active	<input checked="" type="checkbox"/>
Changes Allowed	<input checked="" type="checkbox"/>
Deletion Allowed	<input checked="" type="checkbox"/>

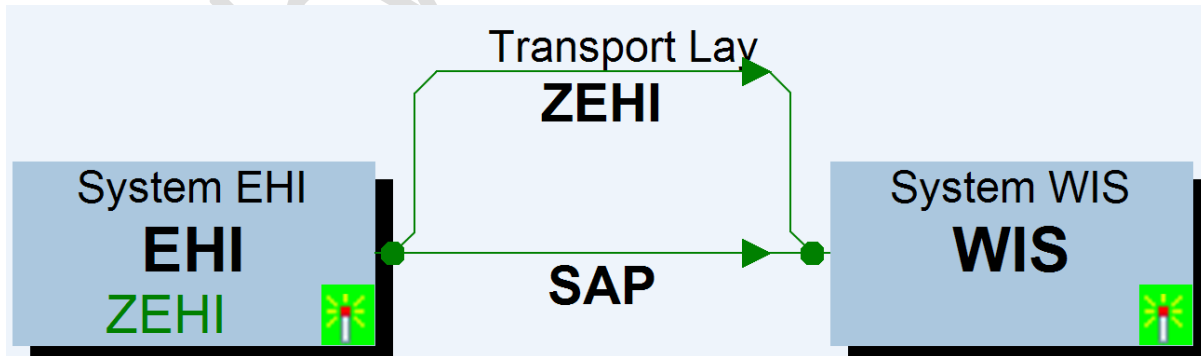
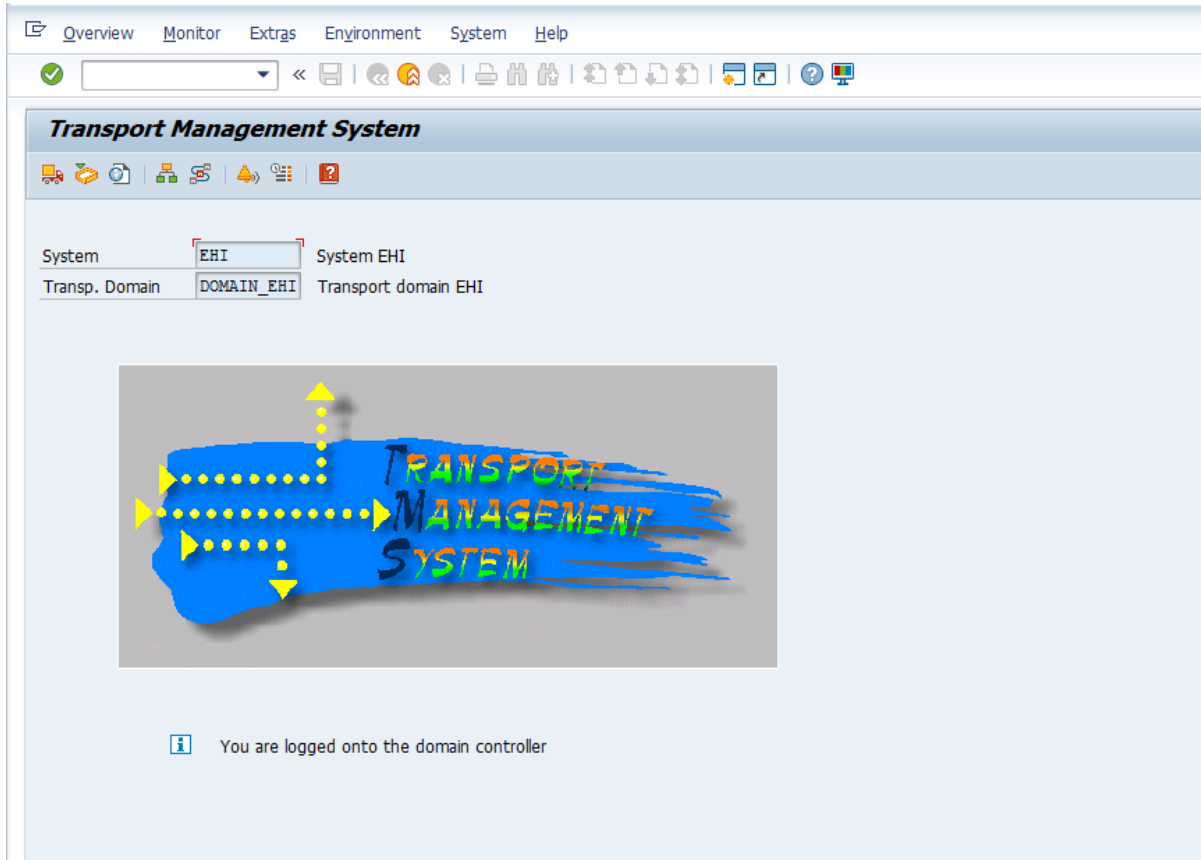
15. Record the Parameters of /sapmnt/SID/profile using File System or using RZ10

The screenshot shows the SAP GUI interface for the 'Display Profile' function. The title bar includes 'Profile', 'Parameter', 'Goto', 'System', and 'Help'. The main content area is titled 'Display Profile 'EHI\_DVEBMGS00\_SYSEHP6' Version '000008''. The main content area displays a table of active parameters for the profile 'EHI\_DVEBMGS00\_SYSEHP6' as of 14.03.2015 at 16:51:58.

Parameter Name	Parameter value
login/create_sso2_ticket	2
login/accept_sso2_ticket	1
icm/server_port_0	PROT=HTTP,PORT=8000
SAPSYSTEMNAME	EHI
login/system_client	800
SAPGLOBALHOST	sysehp6
SAPSYSTEM	00
INSTANCE_NAME	DVEBMGS00
DIR_CT_RUN	\$(DIR_EXE_ROOT)\\$(OS_UNICODE)\NTRMD64
DIR_EXECUTABLE	\$(DIR_INSTANCE)\exe
ssl/ssl_lib	\$(DIR_EXECUTABLE)\$(DIR_SEP)\$(FT_DLL_PREFIX)sapcrypto\$(FT_DLL)
sec/libsapsecu	\$(ssl/ssl_lib)
ssf/ssfapi_lib	\$(ssl/ssl_lib)
ssf/name	SAPSECULIB
rdisp/wp_no_dia	10
rdisp/wp_no_btc	3
ms/server_port_0	PROT=HTTP,PORT=8188
rdisp/wp_no_enq	1
rdisp/wp_no_vb	1
rdisp/wp_no_vb2	1
rdisp/wp_no_spo	1

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16. Record the Transaction STMS and other Systems in the Landscape. Click on the Truck for Landscape.



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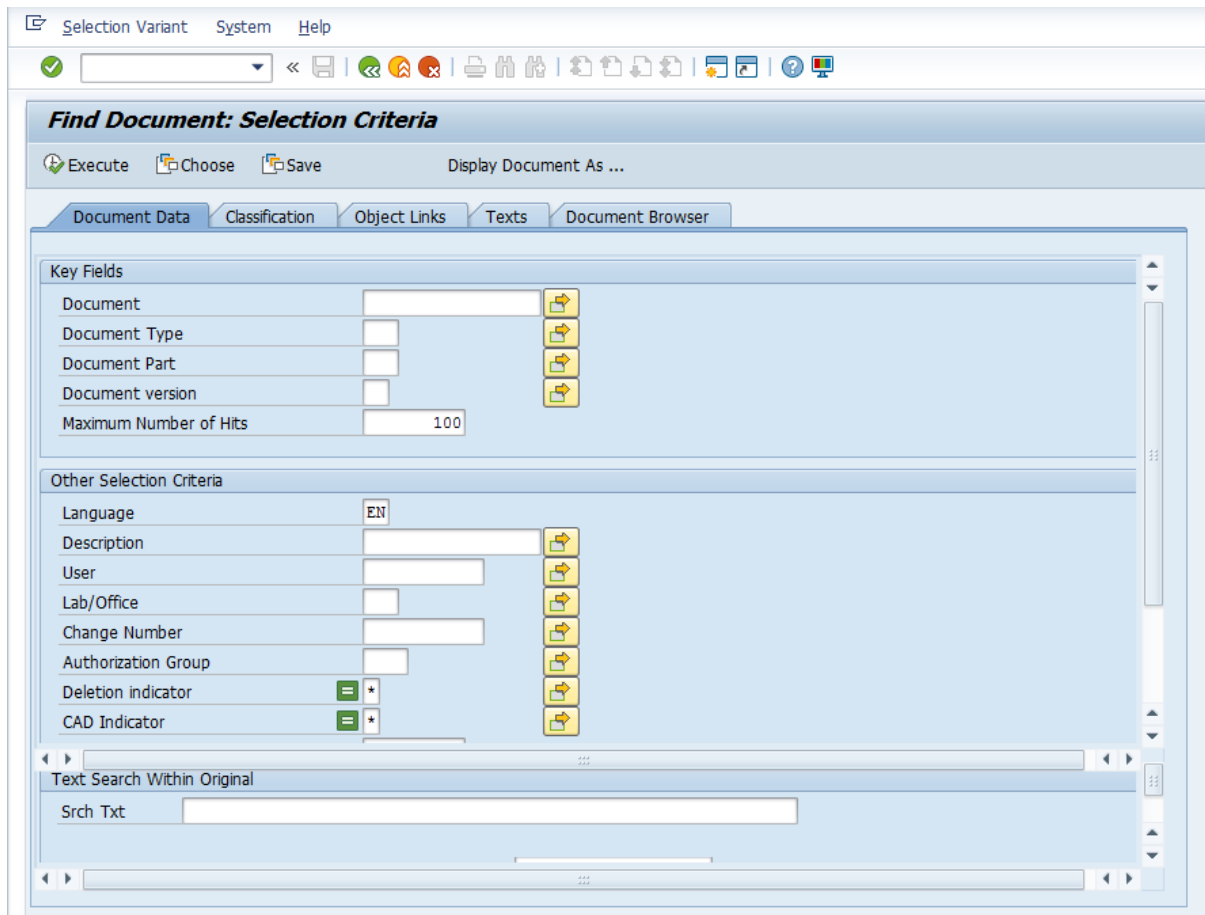
17. Check the status of content repository in CSADMIN the status should be running. This is used to Point the Existing DMS Server Entries to DMS DR Server

The screenshot displays the 'Content Server Administration' window. At the top, there are input fields for 'HTTP server' (DMSIWPP), 'Port Number' (1090), 'HTTP Script' (contentserver/contentserver.dll), and 'Version' (0046). Below these are tabs for 'Overview', 'Details', 'Certificates', 'Settings', and 'Statistics'. The 'Details' tab is active, showing a 'Content Rep.' dropdown set to 'ZND'. The main area contains three sections: 'Repository' with 'Status' set to 'running' and 'Description' 'dms content'; 'Server' with 'Mfr' 'Copyright SAP AG, All rights reser...', 'Version' '6400', 'Build' '201', and 'Status' 'running'; and 'ContentStorage' with 'Version' '015' and 'Build' '201'.

18. Perform the connection test of content rep to content server in OAC0 transaction

The screenshot shows the 'Display Content Repositories: Detail' window. It features a header with 'Simple admin.' and 'Full administration' options. The main content area includes: 'Content Rep.' 'ZND' (Active) with '120 / 121' entries; 'Description' 'dms content'; 'Document Area' 'Document Management System'; 'Storage type' 'HTTP content server'; 'Version no.' '0046' (Content Server version 4.6); 'HTTP server' 'DMSIWPP'; 'Port Number' '1090' and 'SSL Port Number' (empty); 'HTTP Script' 'contentserver/contentserver.dll'; 'Phys. path' 'F:\usr\sap\NOD\SYS\global'; 'Time Created' '15.08.10 15:20:57' by 'TEST'; and 'Last Changed At' '01.11.10 17:39:52' by 'MUZAMIL'. A 'CS Admin' button is visible on the right side.

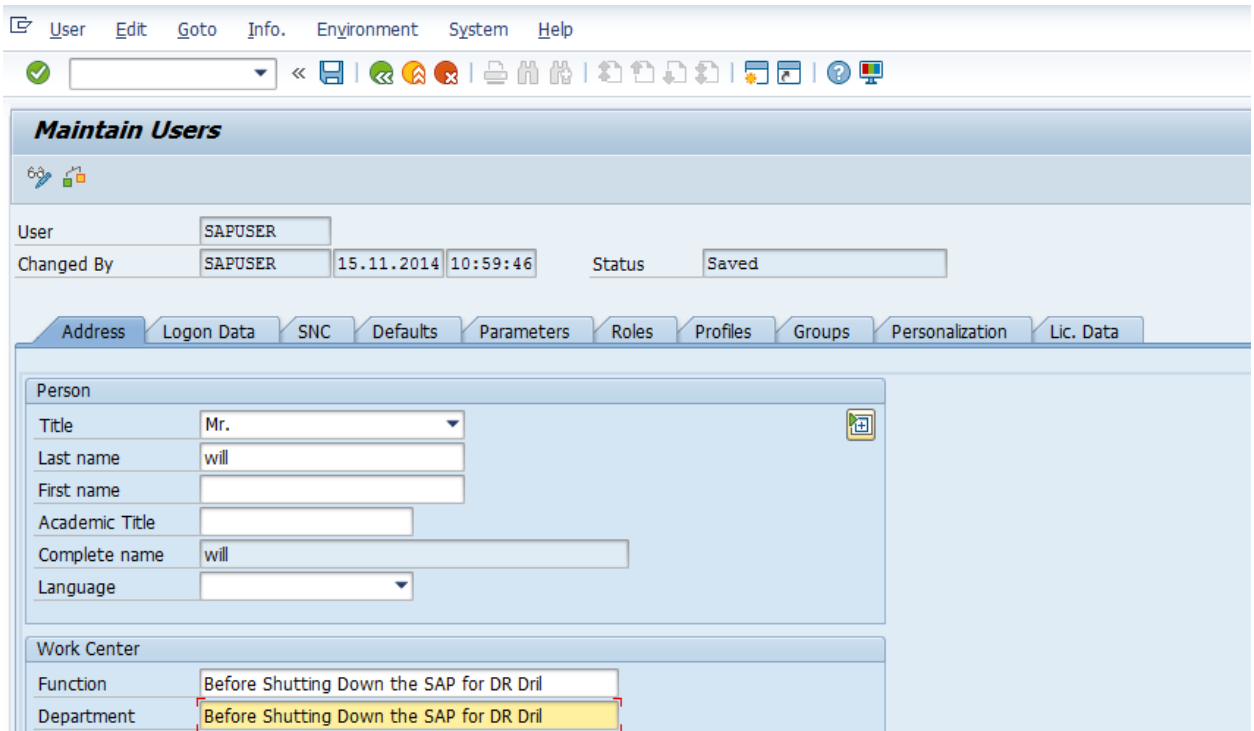
19. Perform the text retrieval search in CV04n transaction



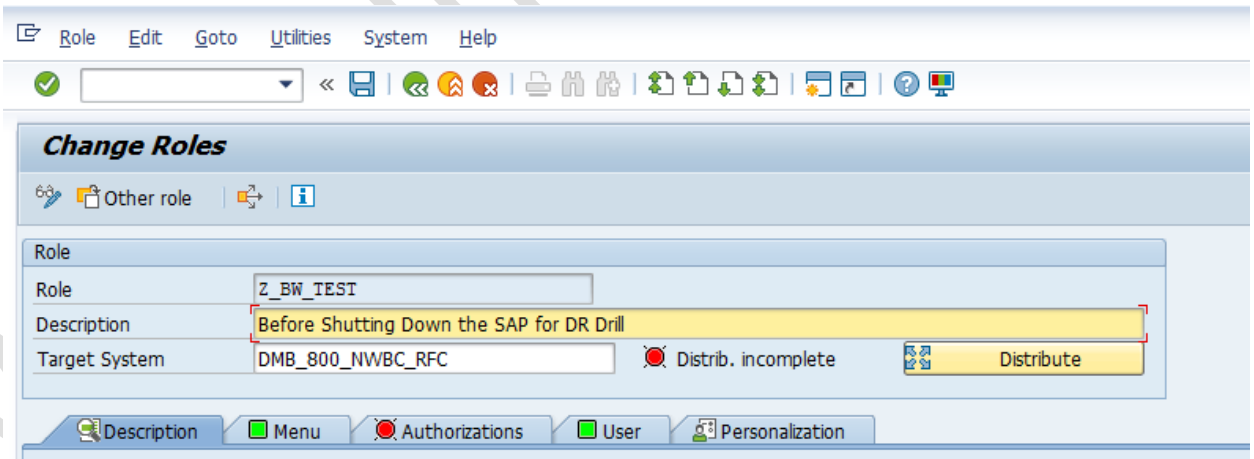
20. SMS Engine Connectivity

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21. Make Changes to User Master Record with text (" Before Shutting Down the SAP for DR Drill)

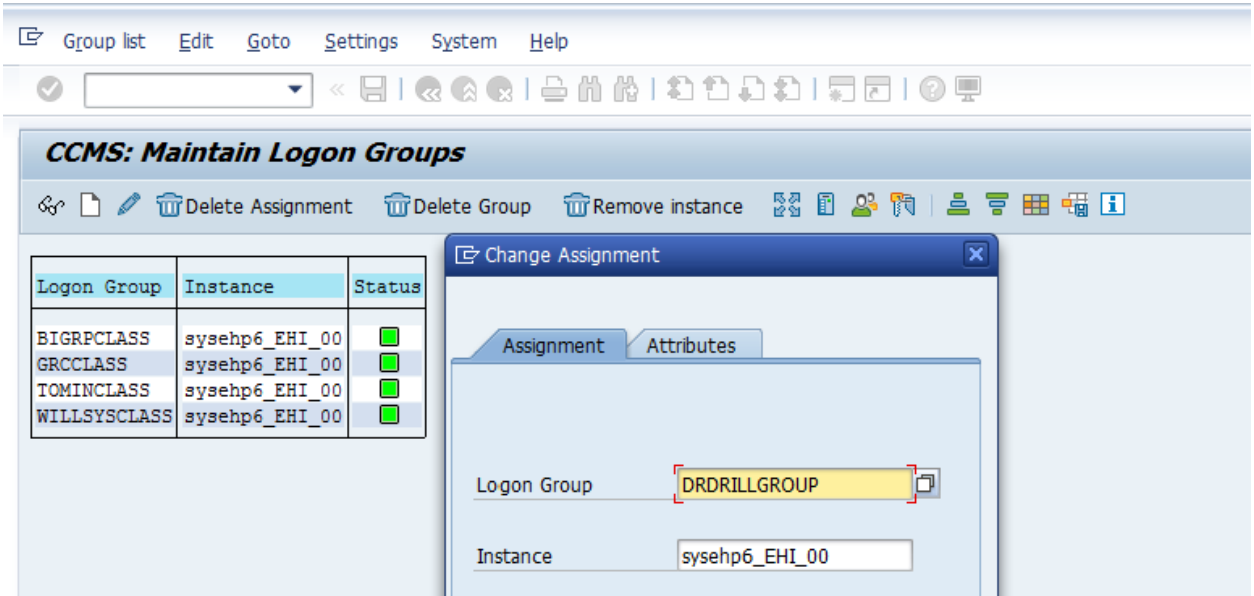


22. Make the Changes to Role Description in PFCG with text (" Before Shutting Down the SAP for DR Drill")



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23. Make the Changes or Create a Logon Group with text (“DRDRILLGROUP”)



24. Create Operation Mode DRDRILLMODE in RZ04

