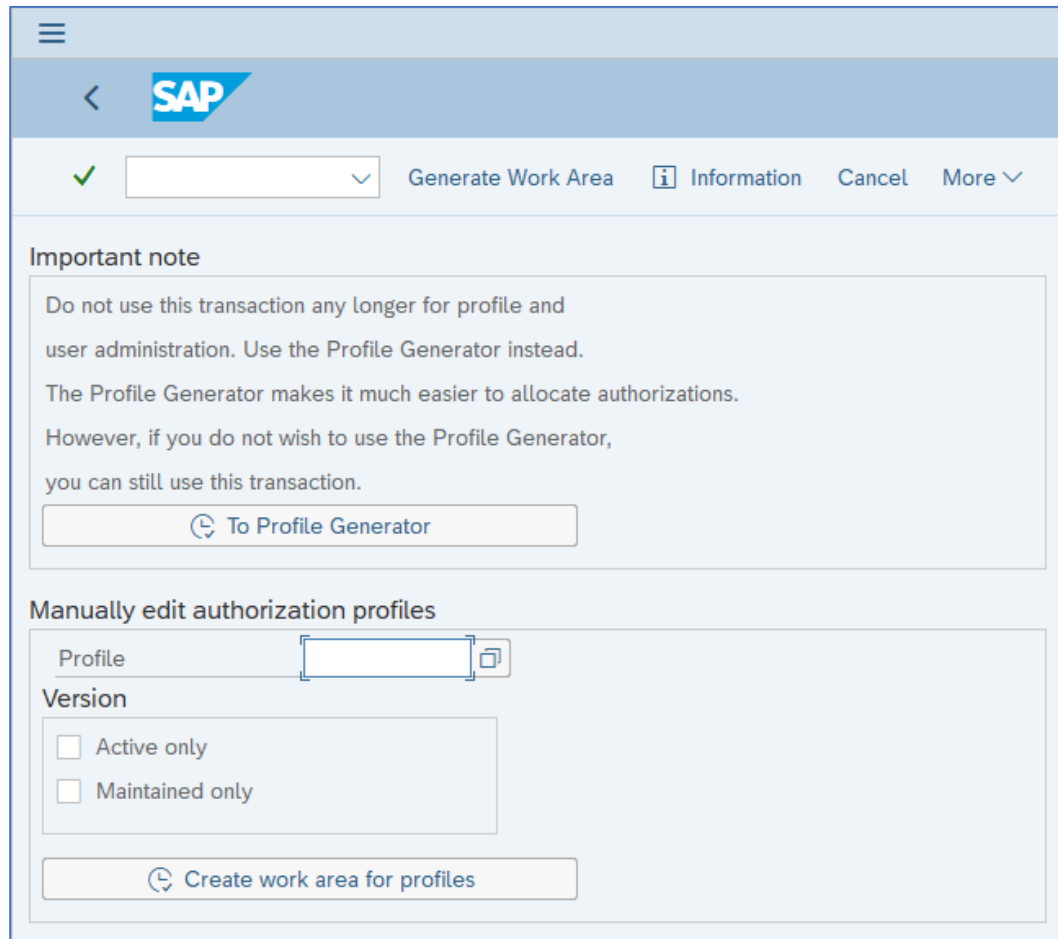


**DOCUMENT TO CREATE A ROLE WITH REQUIRED RFC
AUTHORIZATIONS**

1. Follow the below steps to create role with the required authorizations:

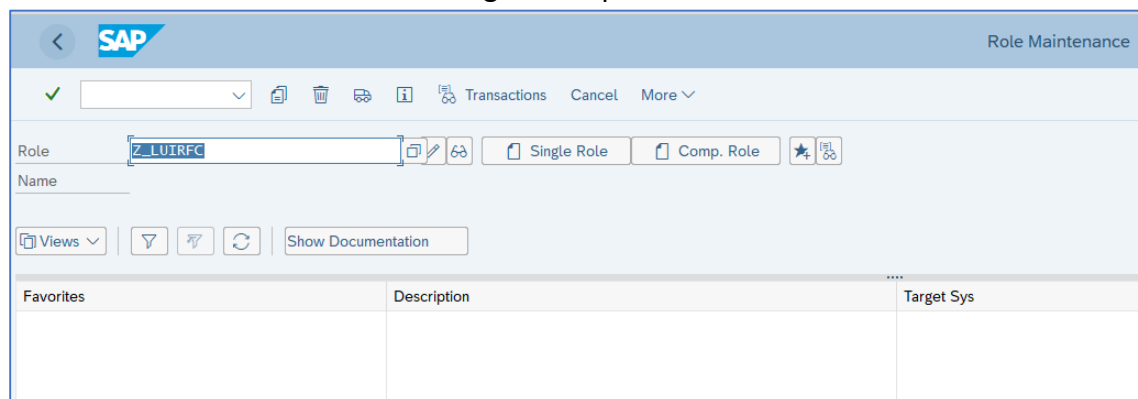
1.1 Navigate to transaction SU02



The screenshot shows the SAP SU02 transaction interface. At the top, there is a navigation bar with the SAP logo and a menu icon. Below the navigation bar, there is a status bar with a green checkmark, a dropdown menu, and buttons for 'Generate Work Area', 'Information', 'Cancel', and 'More'. The main content area is divided into two sections. The first section, titled 'Important note', contains a warning message: 'Do not use this transaction any longer for profile and user administration. Use the Profile Generator instead. The Profile Generator makes it much easier to allocate authorizations. However, if you do not wish to use the Profile Generator, you can still use this transaction.' Below the message is a button labeled 'To Profile Generator'. The second section, titled 'Manually edit authorization profiles', contains a 'Profile' field with a dropdown menu and a 'Version' section with two radio buttons: 'Active only' and 'Maintained only'. At the bottom of this section is a button labeled 'Create work area for profiles'.

1.2 Click 'To Profile Generator' pushbutton

1.3 Enter the role name and click on 'Single Role' pushbutton



The screenshot shows the SAP SU02 transaction interface in the 'Role Maintenance' section. The top navigation bar includes the SAP logo and a menu icon. The status bar shows a green checkmark, a dropdown menu, and buttons for 'Transactions', 'Cancel', and 'More'. The main content area is divided into two sections. The first section, titled 'Role Maintenance', contains a 'Role' field with a dropdown menu showing 'Z_LUIRFC'. To the right of the 'Role' field are buttons for 'Single Role' and 'Comp. Role'. Below the 'Role' field is a 'Name' field. The second section, titled 'Views', contains a 'Views' dropdown menu, a filter icon, a refresh icon, and a 'Show Documentation' button. At the bottom of the screen is a table with three columns: 'Favorites', 'Description', and 'Target Sys'.

Favorites	Description	Target Sys

- 1.4 Click the tab 'Authorizations' which will display the pop-up asking to save the role.
Click 'Yes'

The screenshot displays the SAP LIQUID interface for creating or maintaining an RFC user. The main window is titled 'Role' and contains the following fields:

- Role: Z_LUIRFC
- Description: (empty)
- Target System: (empty)

Below the role fields, there is a navigation bar with tabs: Description, Menu, Authorizations, User, and Personalization. The 'Authorizations' tab is currently selected.

On the left side, there is an 'Administration Information' section with the following fields:

- User: (empty)
- Date: (empty)
- Time: 00:00:00

Below the administration information, there is a 'Long Text' section with a text area and a status bar at the bottom indicating 'Ln 1 - Ln 1 of 1 lines'.

A pop-up dialog titled 'Save the role' is displayed in the foreground. The dialog contains the message: 'You must save the role first. Save now?'. The dialog has three buttons: 'Yes', 'No', and 'Cancel'.

1.5 Click 'Change Authorization Data'

☐

Role

Role	Z_LUIRFC
Description	
Target System	

Description
 Menu
 Authorizations
 User
 Personalization

Created

User	
Date	
Time	00:00:00

Last Changed

User	
Date	
Time	00:00:00

Information About Authorization Profile

Profile Name	<input type="text"/>	
Profile Text	<input type="text"/>	
Status	No authorization data exists	

Maintain Authorization Data and Generate Profiles

Change Authorization Data

Expert Mode for Profile Generation

☒ Data saved

1.6 Click 'Do not select templates'

Choose Template

Template	Text for Template
<input type="radio"/> /IWBEP/GW_SUPPORT_RO	Read-only role for SAP NetWeaver Gateway supportability
<input type="radio"/> /IWBEP/RT_BEP_ADM	Role Template for Backend Event Publisher Administrator
<input type="radio"/> /IWBEP/RT_BEP_USR	Role template for backend event publisher users
<input type="radio"/> /IWBEP/RT_MGW_ADM	Role Template for OData Channel Administrator
<input type="radio"/> /IWBEP/RT_MGW_DEV	Role Template for OData Channel Developer
<input type="radio"/> /IWBEP/RT_MGW_USR	Role Template for OData Channel User
<input type="radio"/> /IWBEP/RT_SUB_USR	Role Template for On-behalf Subscription User
<input type="radio"/> /IWBEP/RT_USS_ADMUSR	Admin User - SAP NetWeaver Gateway User Self Service
<input type="radio"/> /IWBEP/RT_USS_INTUSR	Internet User - SAP NetWeaver Gateway User Self Service
<input type="radio"/> /IWBEP/RT_USS_SRVUSR	Service User - SAP NetWeaver Gateway User Self Service
<input type="radio"/> /IWFND/GW_SUPPORT_RO	Read-only role for SAP NetWeaver Gateway supportability

< >


< >

✓ Adopt reference

✗ Do not select templates


1.7 Click 'Manually'


<





✓


▼

















 Selection criteria

 Manually

Maint.: 0 Unmaint. org. levels 0 open fields, Status: Changed

Z_LUIRFC

 Z_LUIRFC

1.8 Enter S_RFC, S_USER_GRP, S_USER_SYS as shown below:

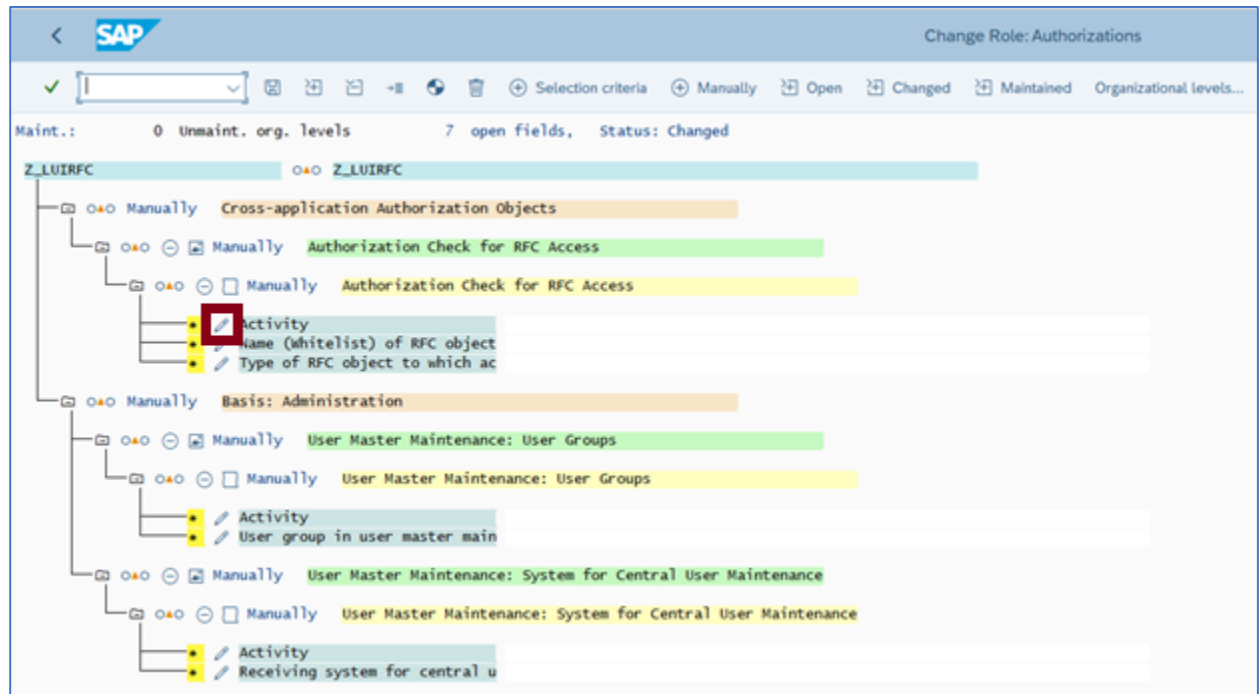
Manual selection of authorizations

Authorization Object	S RFC
Authorization Object	S_USER_G...
Authorization Object	USER_SYS
Authorization Object	
Authorization Object	
Authorization Object	
Authorization Object	
Authorization Object	

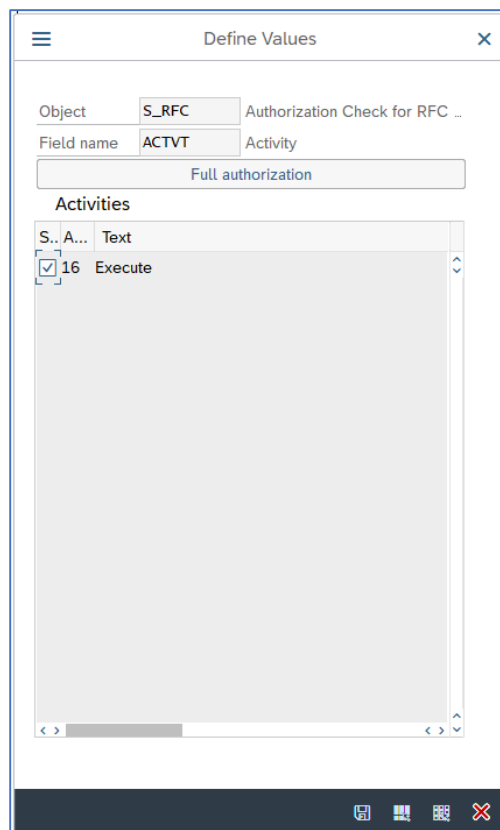
1.9 Hit Enter and click on 'Open'

The screenshot shows the SAP GUI interface for maintaining authorization objects. The top bar features the SAP logo and a toolbar with icons for save, print, and other functions. Below the toolbar, the status bar displays 'Maint.: 0 Unmaint. org. levels' and '7 open fields, Status: Changed'. The main area shows the 'Z_LUIRFC' object with two sub-objects: 'Cross-application Authorization Objects' and 'Basis: Administration', both marked as 'Manually' created. A bottom status bar indicates '3 authorization(s) inserted'.

1.10 On the below screen, click on change icon (highlighted)

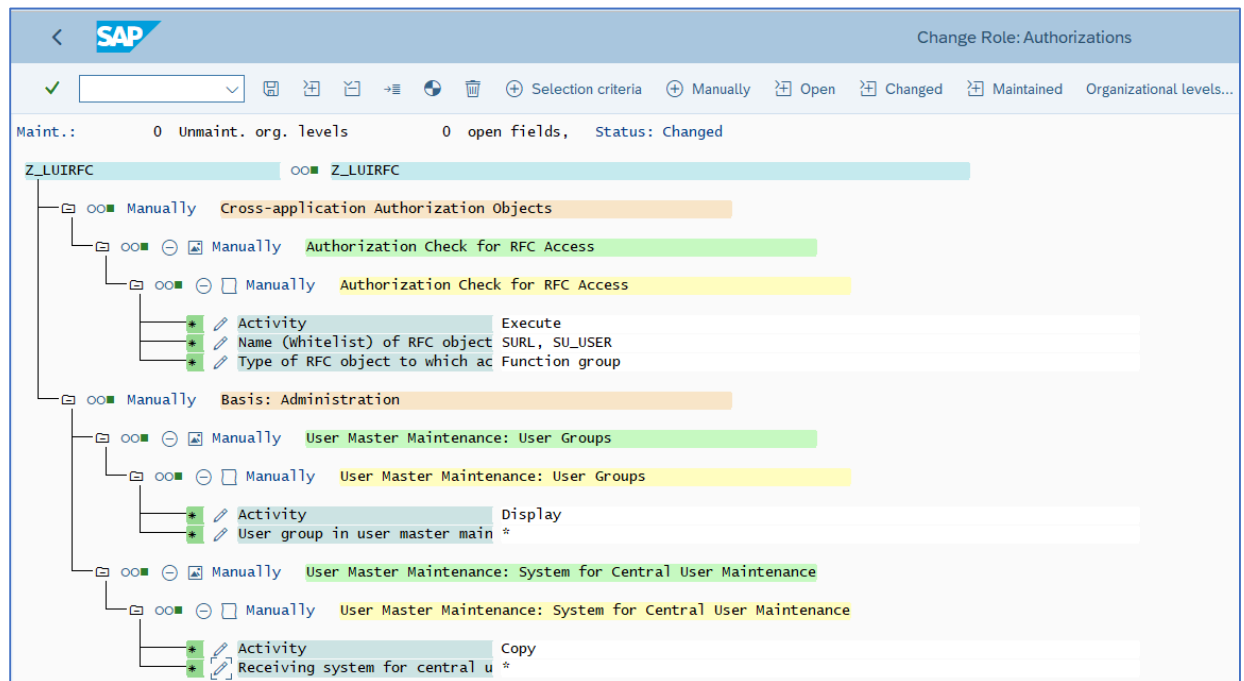


1.11 Select "Execute" checkbox and hit enter



1.12 Similarly, the parameters for “Name (Whitelist) of RFC object” and “Type of RFC object to which access” could be set. Using Existing Remote Enabled SAP Function Modules, specify the function group for those function modules. Alternatively, add the appropriate role to the RFC User.

1.13 Set parameters as shown in the below screenshot:




If using SAPNWRFC, additional objects should be added to “Name (Whitelist) of RFC object” such as: **RFC1**, **SDIFRUNTIME**, **SYST**

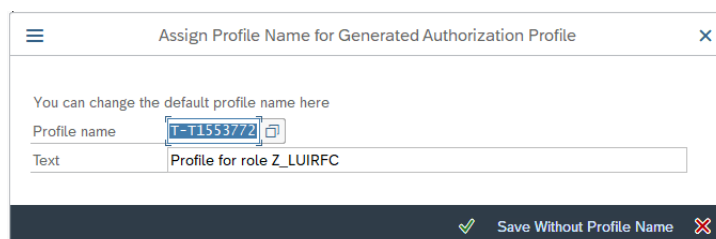
<http://www.guixt.com/forum/index.php/topic,444.msg448.html#msg448>

Detailed list of RFC actions and the required authorizations can be found at

http://synactive.com/docu_e/doc_rfc.html

1.14 Click  (Generate) button on the toolbar

1.15 Hit ‘Enter’ on the popup



1.16 Click 'Save'

SAP

✓ [] Selection criteria Manually Open

Maint.: 0 Unmaint. org. levels 0 open fields, Status: generated

Z_LUIRFC oo■ Z_LUIRFC

- oo■ Manually Cross-application Authorization Objects
 - oo■ ⊖ Manually Authorization Check for RFC Access
 - oo■ ⊖ Manually Authorization Check for RFC Access
 - * Activity Execute
 - * Name (whitelist) of RFC object SURL, SU_USER
 - * Type of RFC object to which ac Function group
- oo■ Manually Basis: Administration
 - oo■ ⊖ Manually User Master Maintenance: User Groups
 - oo■ ⊖ Manually User Master Maintenance: User Groups
 - * Activity Display
 - * User group in user master main *
 - oo■ ⊖ Manually User Master Maintenance: System for Central User Maintenance
 - oo■ ⊖ Manually User Master Maintenance: System for Central User Maintenance
 - * Activity Copy
 - * Receiving system for central u *

<>


✓ Profile(s) created View details

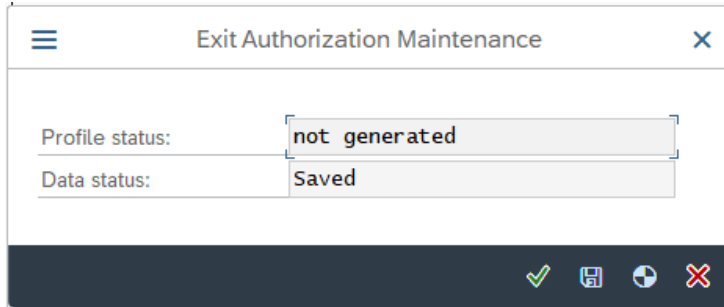
1.17 Click the 'Back' button

The screenshot shows the SAP GUI interface for maintaining the 'Z_LUIRFC' authorization object. The top bar includes the SAP logo and a navigation menu with options like 'Selection criteria', 'Manually', and 'Open'. The main area displays a hierarchical tree structure:

- Z_LUIRFC** (Status: Saved)
 - Manually** (Cross-application Authorization Objects)
 - Manually** (Authorization Check for RFC Access)
 - Manually** (Authorization Check for RFC Access)
 - Activity** (Execute)
 - Name (Whitelist) of RFC object** (SURL, SU_USER)
 - Type of RFC object to which ac** (Function group)
 - Manually** (Basis: Administration)
 - Manually** (User Master Maintenance: User Groups)
 - Manually** (User Master Maintenance: User Groups)
 - Activity** (Display)
 - User group in user master main** (*)
 - Manually** (User Master Maintenance: System for Central User Maintenance)
 - Manually** (User Master Maintenance: System for Central User Maintenance)
 - Activity** (Copy)
 - Receiving system for central u** (*)

The status bar at the bottom indicates 'Data saved'.

1.18 Click  (Generate) icon again on the below popup

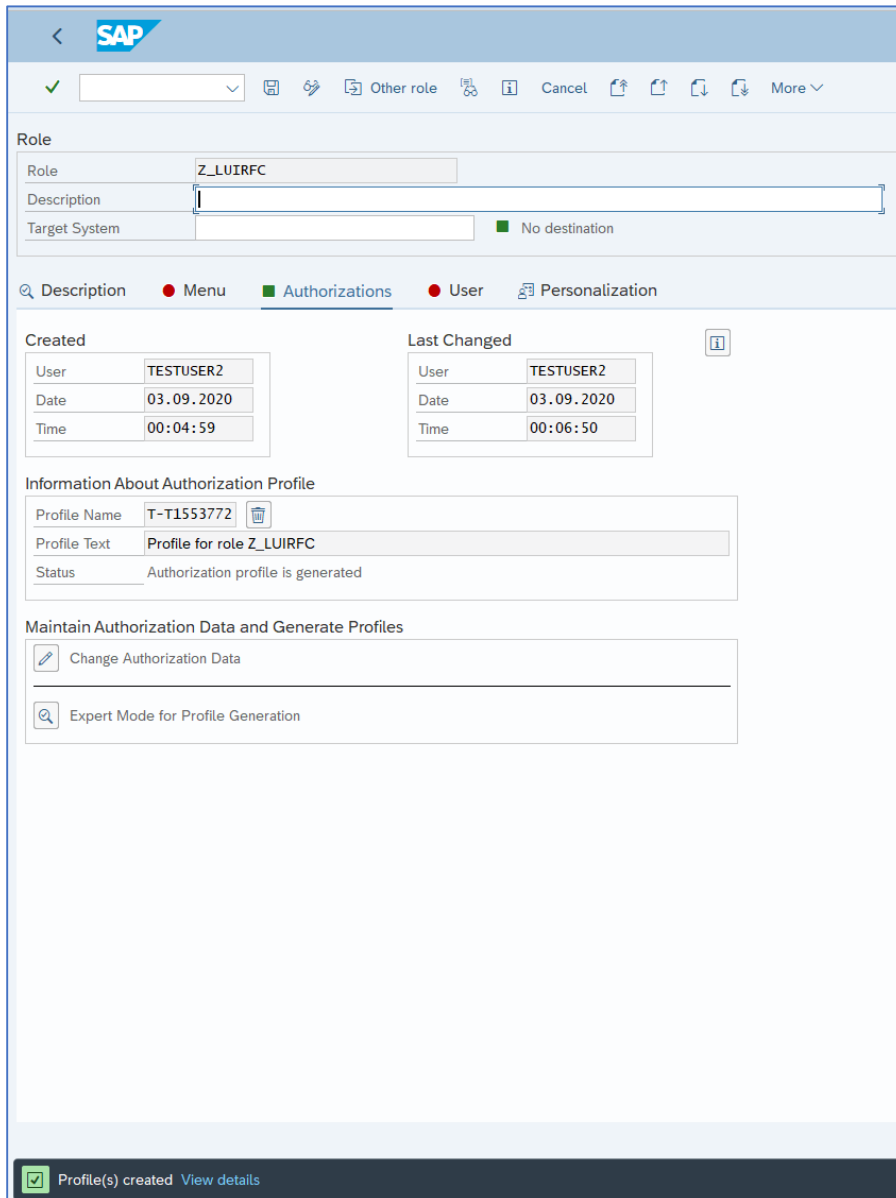


Exit Authorization Maintenance

Profile status:	not generated
Data status:	Saved

✓ ⏏ ↺ ✗

1.19 Profile is created



SAP

✓ [Dropdown] ⏏ ⚙ ⌂ Other role ⓘ Cancel ⌂ ⬆ ⬇ ⬇ More ▾

Role

Role	Z_LUIRFC
Description	
Target System	<input type="checkbox"/> No destination

🔍 Description ● Menu ■ Authorizations ● User ⓘ Personalization

Created

User	TESTUSER2
Date	03.09.2020
Time	00:04:59

Last Changed ⓘ

User	TESTUSER2
Date	03.09.2020
Time	00:06:50

Information About Authorization Profile

Profile Name	T-T1553772 ⓘ
Profile Text	Profile for role Z_LUIRFC
Status	Authorization profile is generated

Maintain Authorization Data and Generate Profiles

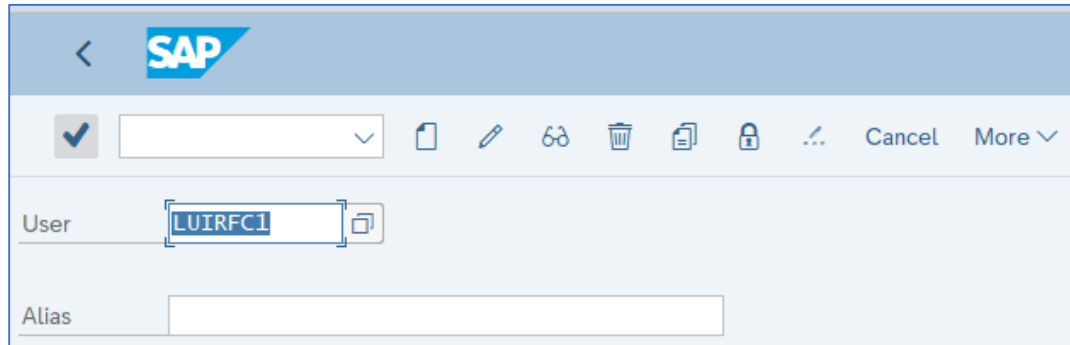
✎ Change Authorization Data

🔍 Expert Mode for Profile Generation

✓ Profile(s) created [View details](#)

2. Assign role 'Z_LUIRFC' to the rfc user by following below steps:

2.1 Navigate to SU01 transaction and enter the user and click 'Create' pushbutton

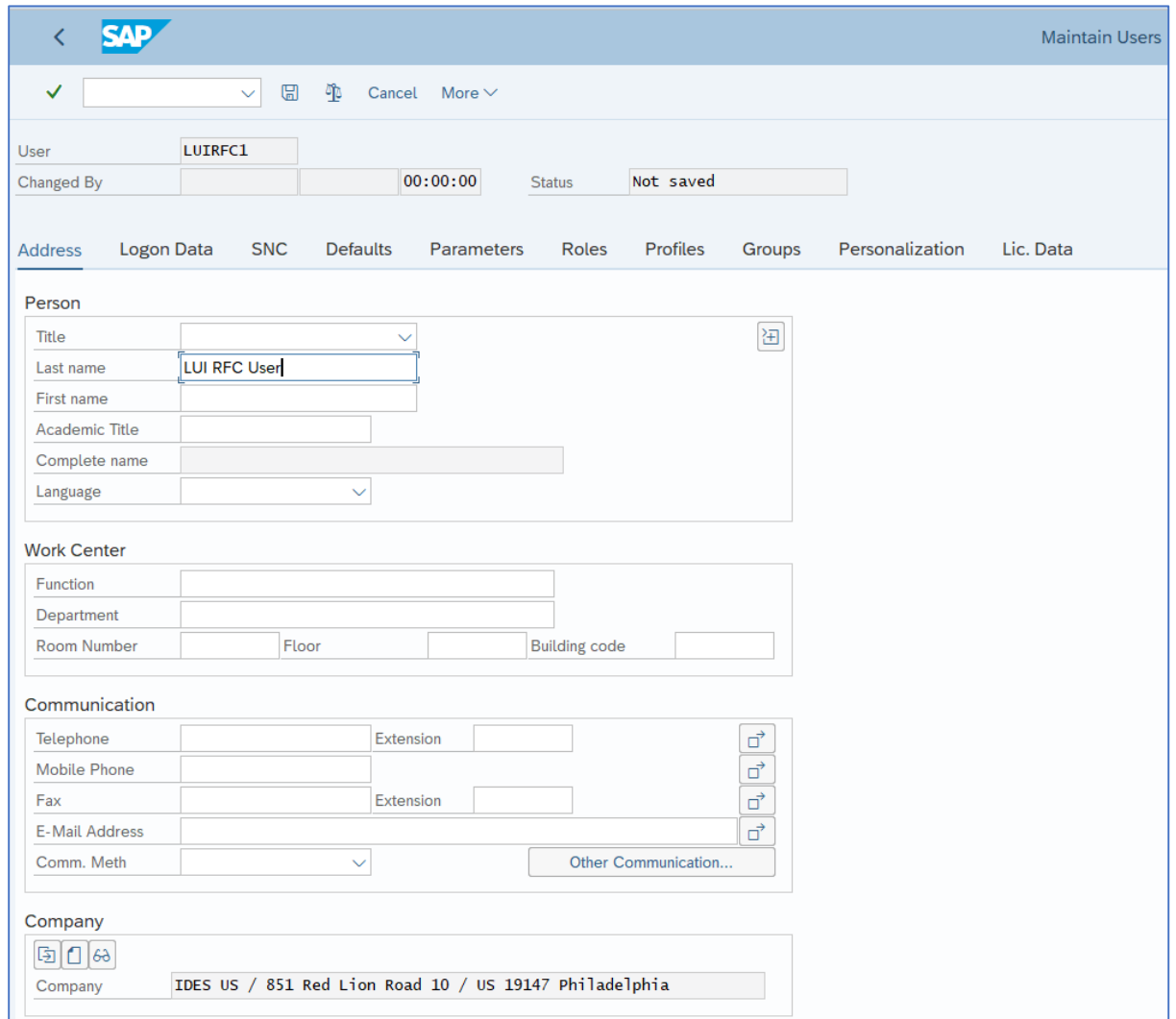


SAP

User: LUIRFC1

Alias:

2.2 Enter the 'Last Name' and click on 'Logon Data' tab



SAP Maintain Users

User: LUIRFC1

Changed By: 00:00:00 Status: Not saved

Address Logon Data SNC Defaults Parameters Roles Profiles Groups Personalization Lic. Data

Person

Title: Last name: LUI RFC User First name: Academic Title: Complete name: Language:

Work Center

Function: Department: Room Number: Floor: Building code:

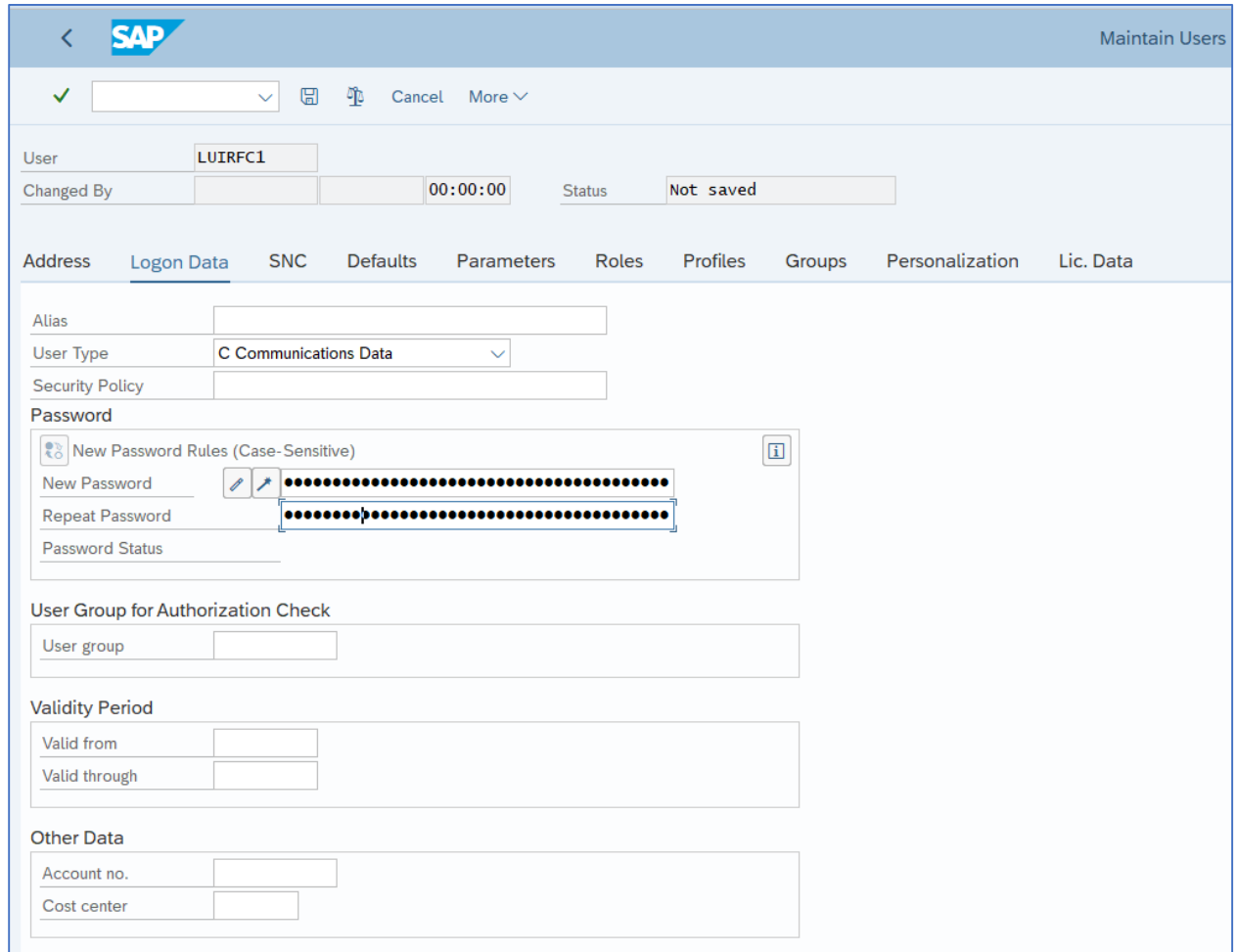
Communication

Telephone: Extension: Mobile Phone: Fax: Extension: E-Mail Address: Comm. Meth: Other Communication...

Company

Company: IDES US / 851 Red Lion Road 10 / US 19147 Philadelphia

2.3 Enter the password and set the 'User Type' as 'C Communications Data'



SAP Maintain Users

User: LUIRFC1

Changed By: 00:00:00 Status: Not saved

Address Logon Data SNC Defaults Parameters Roles Profiles Groups Personalization Lic. Data

Alias:

User Type: C Communications Data

Security Policy:

Password

New Password Rules (Case-Sensitive)

New Password:

Repeat Password:

Password Status:

User Group for Authorization Check

User group:

Validity Period

Valid from:

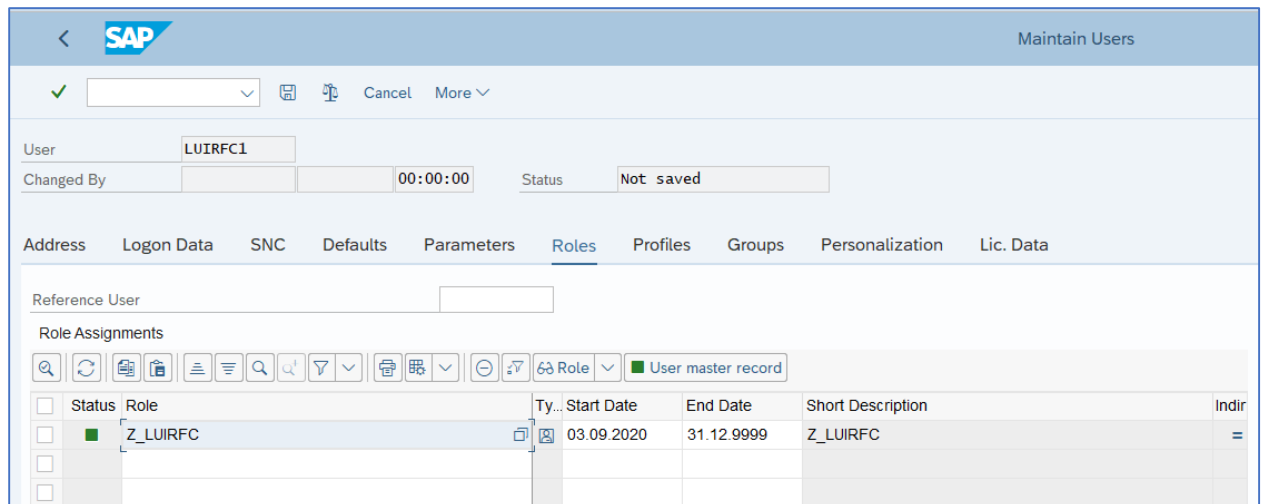
Valid through:

Other Data

Account no.:

Cost center:

2.4 Click the 'Roles' tab and add the role we just created



SAP Maintain Users

User: LUIRFC1

Changed By: 00:00:00 Status: Not saved

Address Logon Data SNC Defaults Parameters Roles Profiles Groups Personalization Lic. Data

Reference User:

Role Assignments

68 Role User master record

Status	Role	Ty...	Start Date	End Date	Short Description	Indir
<input checked="" type="checkbox"/>	Z_LUIRFC		03.09.2020	31.12.9999	Z_LUIRFC	=
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						

2.5 Click the 'Profile' tab

The screenshot shows the SAP 'Maintain Users' transaction. At the top, the user 'LUIRFC1' is entered. Below it, the 'Changed By' field is empty, and the 'Status' is 'Not saved'. The 'Profiles' tab is selected in the navigation bar. The 'Assigned Authorization Profiles' section shows a table with one profile assigned:


Profile	Type
T-T1553772	Text

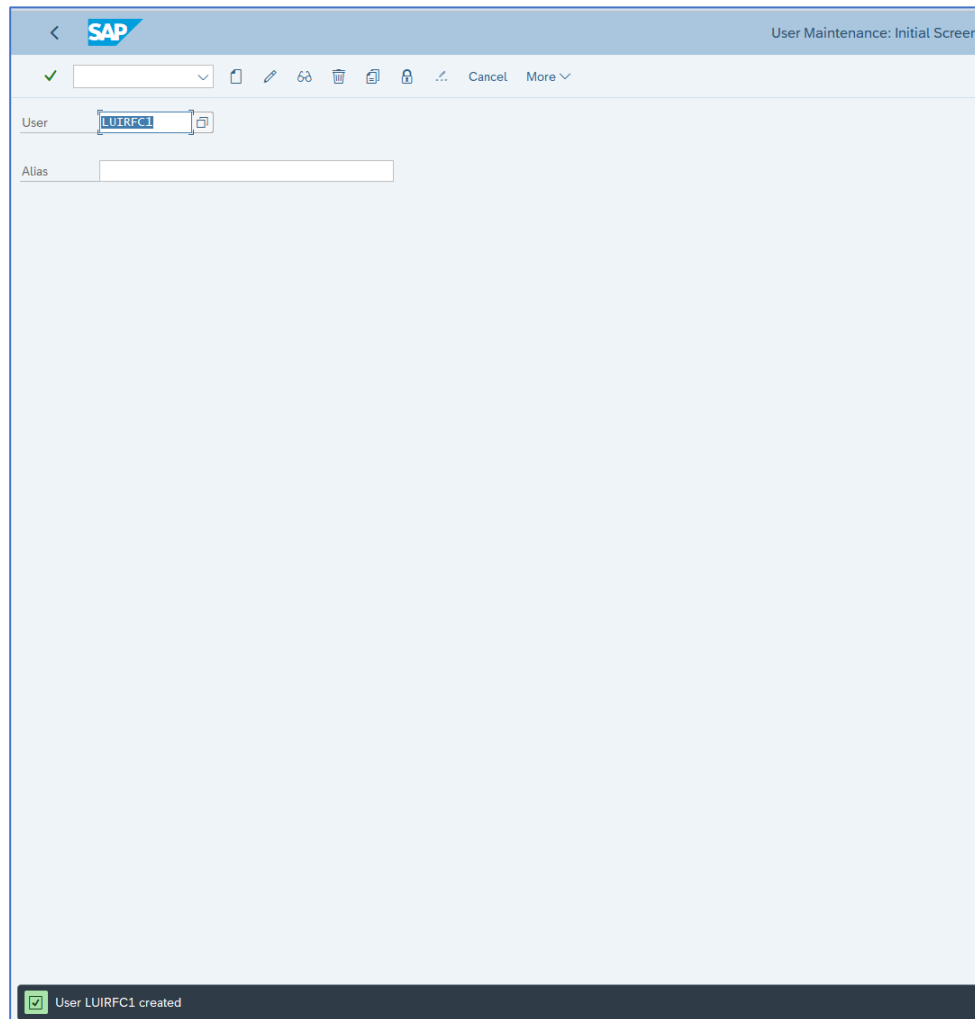
The profile 'T-T1553772' is highlighted, and its description 'Profile for role Z_LUIRFC' is visible in the adjacent field.

2.6 Double click the profile and verify the authorizations

The screenshot shows the 'Change Role: Authorizations' transaction. The role 'LUI_NWRFC' is selected, and the authorization tree is displayed. The tree structure is as follows:

- LUI_NWRFC
 - Manually Cross-application Authorization Objects
 - Manually Authorization Check for RFC Access
 - Manually Authorization Check for RFC Access
 - Activity Execute
 - Name (Whitelist) of RFC object RFC1, SDIFRUNTIME, SURL, SU_USER, SYST
 - Type of RFC object to which ac Function group
 - Manually Basis: Administration
 - Manually User Master Maintenance: User Groups
 - Manually User Master Maintenance: User Groups
 - Activity Display
 - User group in user master main SUPER
 - Manually User Master Maintenance: System for Central User Maintenance
 - Manually User Master Maintenance: System for Central User Maintenance
 - Activity Copy
 - Receiving system for central u SUPER

2.7 Click the Back and the  (Save) button



The screenshot shows the SAP 'User Maintenance: Initial Screen'. At the top, there is a navigation bar with the SAP logo and the title 'User Maintenance: Initial Screen'. Below this is a toolbar with various icons for user management, including a checkmark, a dropdown menu, a document, a pencil, a magnifying glass, a trash can, a lock, a key, and buttons for 'Cancel' and 'More'. The main area contains two input fields: 'User' with the value 'LUIRFC1' and 'Alias' which is empty. At the bottom, a dark blue status bar displays a green checkmark icon and the text 'User LUIRFC1 created'.