

**InForwarder ©**

# **Installation Instructions and User Guide for JSON**



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Version 3.2.1 – Trial Edition

Limited Runtime: 30 Days

Limited Reports: Maximum 50 ABAP Functions





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# 1.0 Background

InForwarder© for File (JSON) allows SAP NetWeaver instances to forward information to files (JSON).

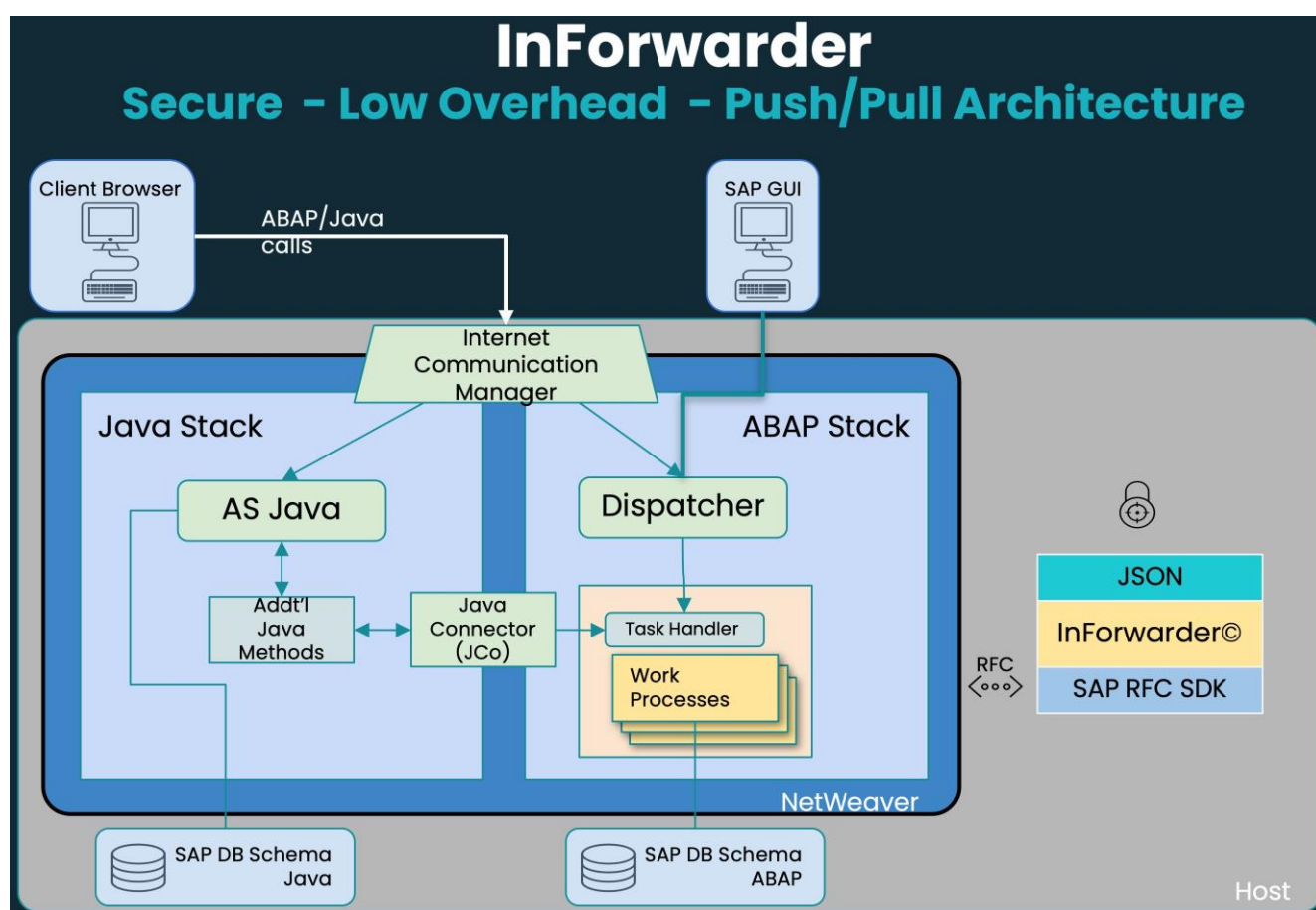


Figure 1.1

InForwarder uses the SAP RFC Interface to act as a client and registered server to a specific NetWeaver instance.

InForwarder is normally installed on each server or virtual machine where a

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NetWeaver instance is running. This eliminates bulky RFC network transmissions and allows SAP security credentials to remain on SAP managed systems. InForwarder runs as an unprivileged user on the host.

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For monitoring TCodes (ST03, ST06, SM21, etc.), InForwarder accesses the associated NetWeaver instance to retrieve the required information before forwarding it to files (JSON).

For optional on-site extensibility, ABAP reports can be scheduled to run in NetWeaver to forward output to InForwarder's RFC destination endpoint. SAP Administrators are under complete control of the ABAP reports, their priority and how often they run. Customers can extend the data sent to files (JSON) by adding their own ABAP reports - no InForwarder software updates are required.

Below is a sample ABAP call to send data through InForwarder:

```
CALL FUNCTION 'IDOC_OUTPUT_TO_INTERNET'  
DESTINATION INFORWARDER4JSON  
TABLES i_edidc = int_edidc.
```

Figure 1.2

Once InForwarder receives a record, table of records, a metric or log entries it converts it/them to the compressed files (JSON).

All JSON Tables and Keys are named using SAP conventions.

**NOTE:** Images in this document may show information that is different than the text in this document. In all cases the text in this document is to be used for the File (JSON) version of InForwarder.

## 2.0 Prerequisites

1. Windows Server 2012 or newer (x86\_64)
2. Microsoft Visual Studio Redistributable libraries for Visual Studio 2013 & 2017  
<https://support.microsoft.com/en-us/help/2977003/the-latest-supported-visual-c-downloads>

- 
3. Administrator privileges for installation
  4. SAP NetWeaver release 7.3 or newer (7.5 or newer for full functionality) with SAPGUI access
  5. SAP NetWeaver SID and Instance number
  6. SAP NetWeaver privileged account (SAP\* or similar account) password in desired client (Mandant) for RFC registered server creation
  7. SAP NetWeaver minimum required privilege account for RFC Client access and RFC Server Data Dictionary (DDIC) lookups.  
NOTE: Instructions are provided herein to create such an account
  8. Installation media support on NetWeaver server or virtual machine ○ DVD or USB ○ Network connection

## 3.0 Client Installation Steps

1. Select or Create a NetWeaver User for RFC Client access
2. Install and Start InForwarder Service
3. Verify NetWeaver data is available as files (JSON)

### 3.1 Select or Create a NetWeaver User for RFC Client Access

For the Trial installation of InForwarder, some sites choose to use an existing privileged account and skip setting up an Inforwarder specific – and lowest possible privileges required – account for a later production deployment. The choice is site specific.

If using an existing privileged account in the configured NetWeaver client, record the account name and password for setup.

To setup a new user account:

**Switch to a privileged account in the NetWeaver Client where InForwarder is to access the NetWeaver Instance.**

run TCode **SU01**:



Figure 3.1.1

At the User prompt enter: **InForwarder** Click  
on the **Create (paper)** icon:

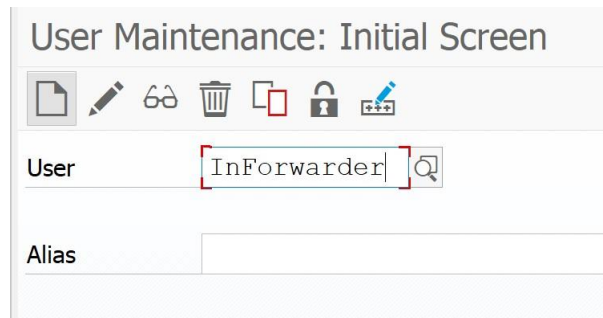


Figure 3.1.2

Enter the information as follows on the **Address** Tab:

Last name: **Forwarder**

First name: **In**

Function: **InForwarder Account**

Maintain Users

User

INFORWARDER

Changed By

00:00:00

Status

Not saved

Documentation

Address

Logon Data

SNC

Defaults

Parameters

Roles

Profiles

Groups

Personalization

License

Person

Title

Last name

Forwarder

First Name

In

Academic Title

Full Name

Language

Work Center

Function

DDIC Lookup User for InForwarder

Department

Room Number

Floor

Building code

Figure 3.1.3

Click on the **Logon Data** tab.

Enter the information as follows on the **Logon Data** Tab:

User Type: **Communications Data**

New Password: **<Enter a Password>**

Repeat Password: **<Repeat Password>**

User group: **<optional – adhere to site specific policy>** Validity

Period: **<Leave blank>**

Other Data: **<optional – adhere to site specific policy>**



Maintain Users

User: INFORWARDER

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

Documentation Address **Logon Data** SNC Defaults Parameters Roles Profiles Groups Personalization License

Alias:

User Type: 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 To:

Other Data

Account no.:

Cost center:

Figure 3.1.4

Click on the **Save icon (diskette)** in the toolbar.

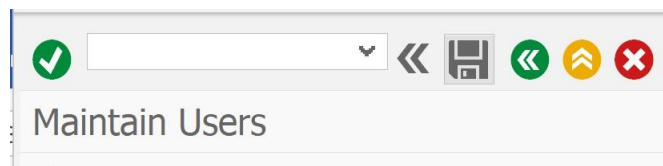
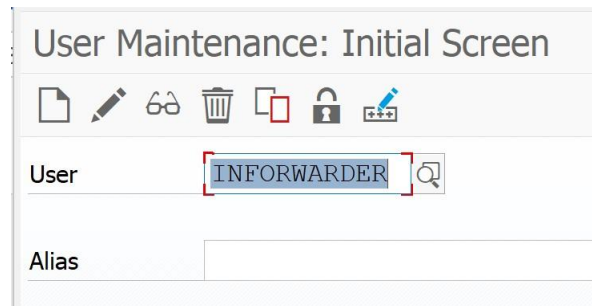


Figure 3.1.5

The **INFORWARDER** user account is now added to the NetWeaver user account database in the chosen NetWeaver Client.



User Maintenance: Initial Screen

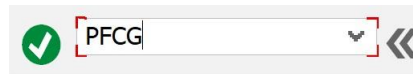
Icons: Document, Pencil, Undo, Delete, Copy, Lock, Add

User:  🔍

Alias:

Figure 3.1.6

To setup the minimum required privileges for the user account, exit back the SAPGUI Easy Access Dialog Box and run TCode **PFCG**:

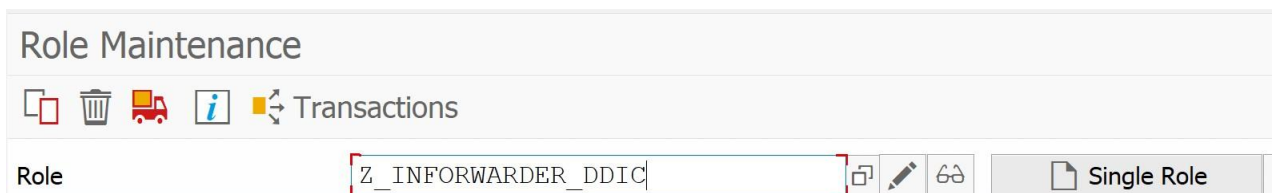


✓ PFCG ⌵ ⏪

Figure 3.1.7

Enter the information as follows on the **Role Maintenance** Dialog Box:

Role: **Z\_INFORWARDER** Click  
**Single Role.**



Role Maintenance

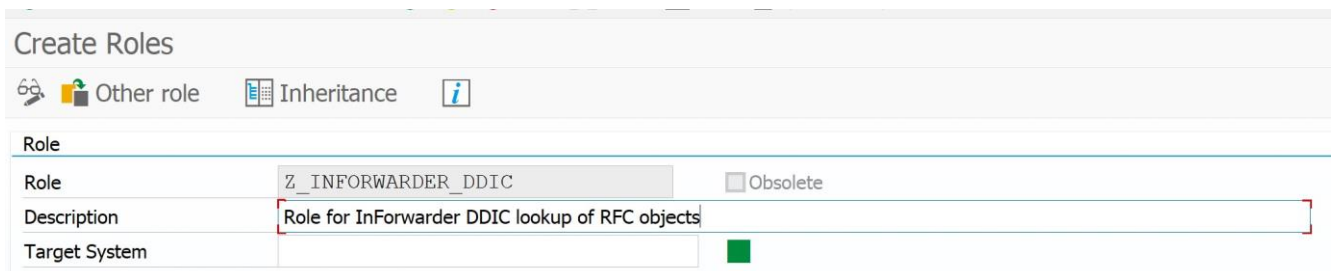
Icons: Copy, Delete, Add, Info, Transactions

Role:  🔍 ✎ 🔗

Figure 3.1.8

Enter the information as follows on the **Create Roles** Dialog Box:

Description: **Role for InForwarder access of RFC objects**



Create Roles

Icons: Other role, Inheritance, Info

Role	<input type="text" value="Z_INFORWARDER_DDIC"/>	<input type="checkbox"/> Obsolete
Description	<input type="text" value="Role for InForwarder DDIC lookup of RFC objects"/>	
Target System	<input type="text"/>	

Figure 3.1.9

Click on the **Save icon (diskette)** in the toolbar.

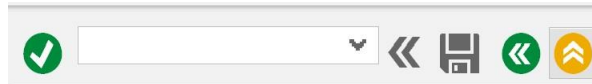


Figure 3.1.10

For the InForwarder Trial Version, consult SAP documentation to add the following Authorization Objects to the Z\_INFORWARDER Role.

OBJECT '/SDF/E2E' ID 'ACTVT' FIELD '03'	OBJECT 'S_SDCC_ADD'	OBJECT 'S_RFC_ADM' ID 'ACTVT' FIELD '36' ID 'RFCDEST' FIELD RFC_DEST
OBJECT 'S_RFC_ADM' ID 'ACTVT' FIELD '39' ID 'RFCDEST' FIELD RFC_DEST	OBJECT 'S_TOOLS_EX' ID 'AUTH' FIELD 'S_TOOLS_EX_A'.	OBJECT 'S_SDCC_ADD'   SDCC_RUN_N: "READ"

Once the role has been defined and privileges/roles have been set, please verify the Z\_INFORWARDER role is active for the InForwarder account.

Re-run TCode **SU01**:

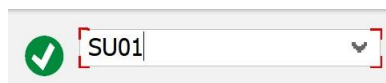


Figure 3.1.11

Select the **INFORWARDER** Account and verify the **Roles** and **Profiles** Tabs appear similar to the following:

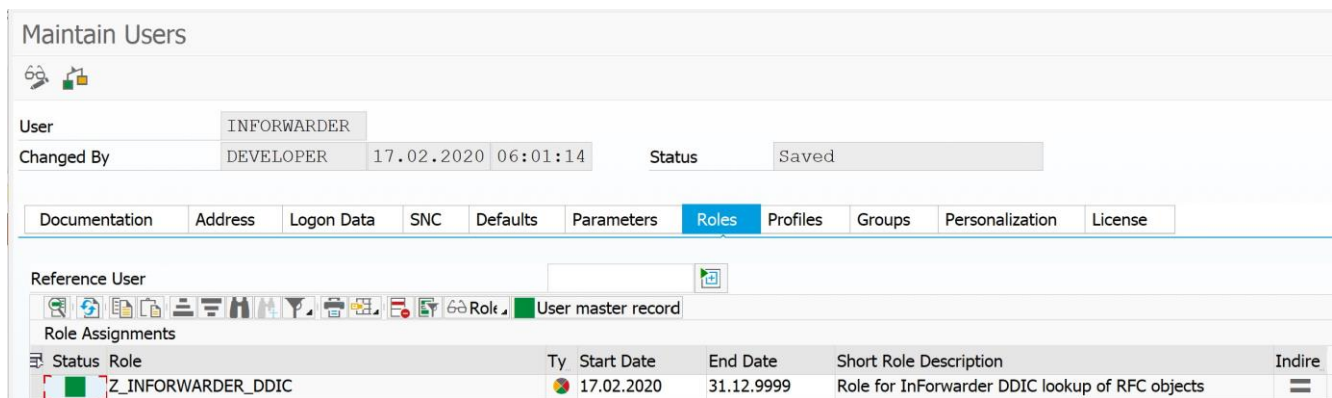


Figure 3.1.12

## 3.2 Install and Start InForwarder Service

In the directory where you downloaded the installation contents double click on the msi file to start the installation.

### InForwarder4JSON-V3.2.1-TRIAL.msi

- 1) Use Notepad (in Administrator Mode) to set any desired per NetWeaver instance static tags in:

Program Files\InForwarder4JSON\config\staticTags.ini.

- 2) Use Notepad (in Administrator Mode) to set the access and registration information in:

Program Files\ InForwarder4JSON\config\sapnwrfc.ini

Update the NetWeaver **account**, **password** and **client** to use created in step 3.1. If the server plugin of InForwarder will be in use (Section 4), update the NetWeaver **SID**, **gateway** and **instance number** obtained in prerequisite item 2.5.

- 3) Verify InForwarder4JSON is listed the Windows Service Control Manager (SCM). If it is running, stop it.

4) Start the inforwarder4JSON Service

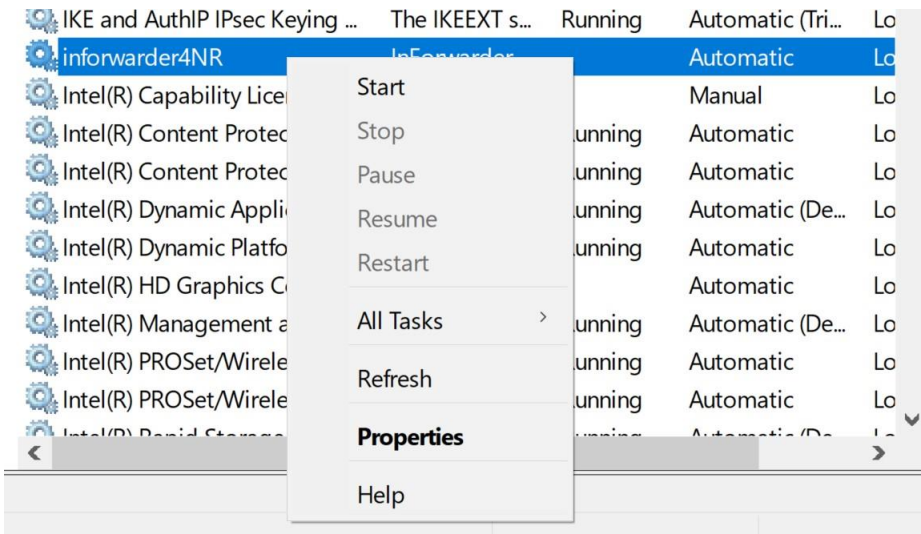


Figure 3.2.1

Note: Additional Parameters can be set for InForwarder4JSON.

```

PS C:\Program Files\InForwarder4JSON\bin> .\inforwarder4JSON.exe /help
usage: inforwarder4JSON OPTIONS
/registerService          Register the application as a service.
/unregisterService        Unregister the application as a
                           service.
/displayName=name         Specify a display name for the service
                           (only with /registerService).
/description=text         Specify a description for the service
                           (only with /registerService).
/startup=automatic|manual Specify the startup mode for the
                           service (only with /registerService).
/outputdir=path           Output Directory to write files
/nocompress              do not compress output files
/configdir=path           directory to read configuration files
/logdir=path             directory to write log files
/loglevel=level          logging level: none, fatal, critical,
                           error(default), warning, notice,
                           information, debug, trace
/abapdest=ABAP RFC alias NetWeaver ABAP RFC destination alias
                           defined in sapnwrfc.ini. Default:
                           LOCALHOST
/javadest=JAVA RFC alias NetWeaver JAVA RFC destination alias
                           defined in sapnwrfc.ini. Default:
                           LOCALJAVAHOST
/listeningtc=Thread Count Number of Listening Threads. Default: 3
/abapserverdest=ABAP RFC Server alias NetWeaver ABAP RFC Server destination
                           alias defined in sapnwrfc.ini. Default:
                           LOCALHOST_REGISTERED
/halias=host alias       NetWeaver Host Alias. Default: none
/simode=mode             in single NetWeaver instance mode:
                           Default: true
/help                   display help information on command
                           line arguments
/version                display version

```

Figure 3.2.2

These parameters can be set manually **one-time** via the Windows Service Control Manager (SCM) properties Dialog box **before** pressing Start.

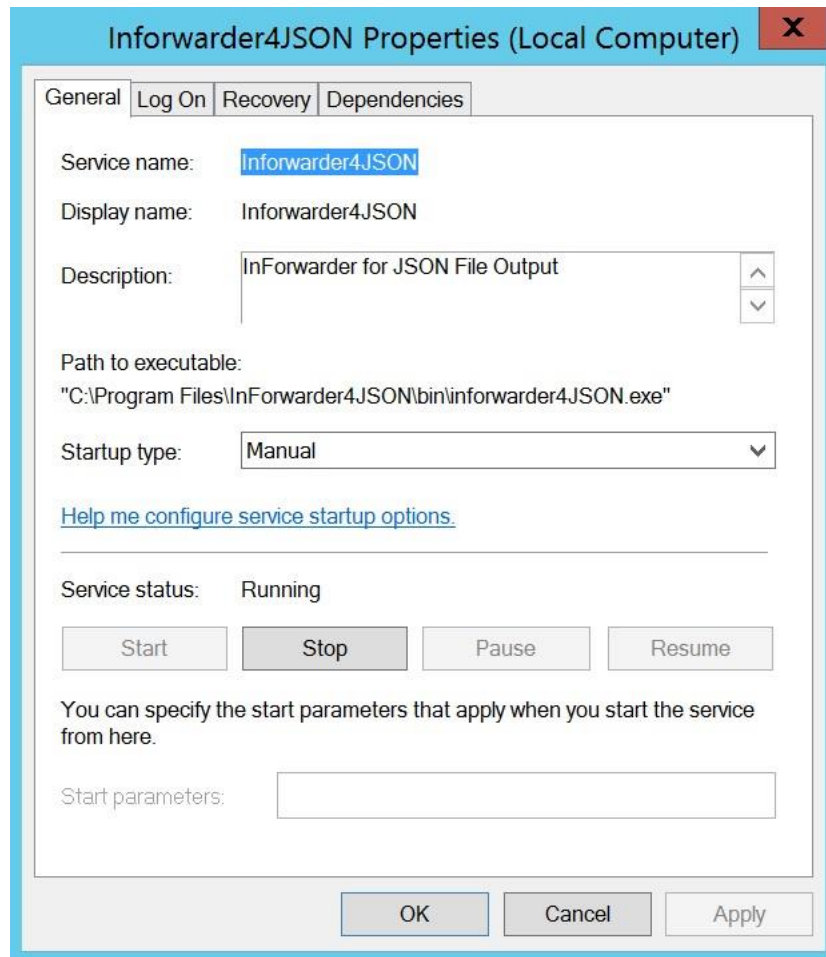


Figure 3.2.3

Specify the parameters using a leading slash "/" and insert a space between parameters.

The only parameters you are likely to change are the **loglevel** (if directed by InForwarder support) and the **outputdirectory** for the temporary JSON files.

### 3.3 Verify NetWeaver data is available as Files (JSON)

Check the C:\ProgramData\InForwarder\Temp folder



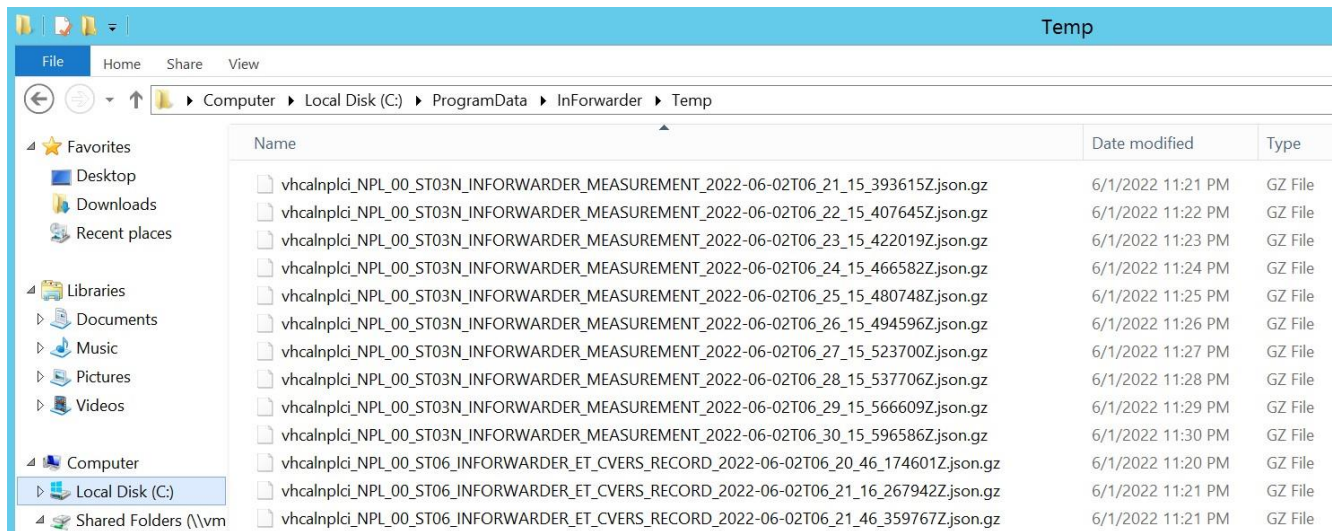


Figure 3.3.1

If you do not see any SAP data in this folder, please consult the InForwader Log available at:

C:\ProgramData\InForwader\Logs

If you see any error messages in the log please review the installation steps to correct the issue. If you cannot correct the issue please forward the log to:

[support@inforwader.com](mailto:support@inforwader.com)

## 4.0 Server Installation Steps (optional)

1. Create or select a NetWeaver User for DDIC lookups
2. Register InForwader as an RFC Server with NetWeaver
3. Test connectivity between NetWeaver and InForwader
4. Install and Test provided ABAP reports
5. Set provided ABAP reports to run periodically
6. Verify NetWeaver data is available in File (JSON)



## 4.1 Select or Create a NetWeaver User for DDIC Lookups

**NOTE:** Refer to SAP NOTE 460089 for the latest required privilege information. In 460089 review the section for a “Call of function module using dynamic repository - repository user”. Repository user privileges are sufficient for a user that **ONLY** requires Data Dictionary (DDIC) access.

For the Trial installation of InForwarder, some sites choose to use an existing privileged account and skip setting up an Inforwarder specific – and lowest possible privileges required – account for a later production deployment. The choice is site specific.

If using an existing privileged account in the configured NetWeaver client, record the account name and password for setup.

To setup a new user account:

Following steps in section 3.1 above to create the account.

To setup the minimum required privileges for the user account, exit back the SAPGUI Easy Access Dialog Box and run TCode **PFCG**:

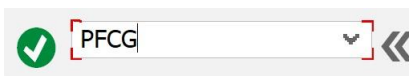


Figure 4.1.1

Enter the information as follows on the **Role Maintenance** Dialog Box:

Role: **Z\_INFORWARDER** Click  
**Edit.**

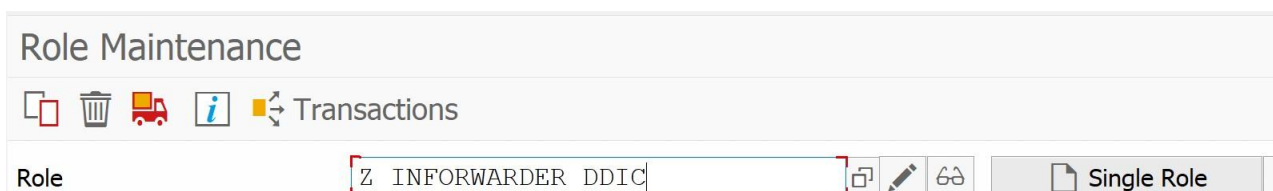
A screenshot of the SAP Role Maintenance Dialog Box. The title bar reads 'Role Maintenance'. Below the title bar is a toolbar with icons for a clipboard, trash, a truck, an information icon, and a double arrow. To the right of these icons is the text 'Transactions'. Below the toolbar is a text field labeled 'Role' containing the text 'Z\_INFORWARDER\_DDIC'. To the right of this text field are three icons: a small square, a pencil, and a double arrow. Further to the right is a button labeled 'Single Role'.

Figure 4.1.2 Click  
on the **Authorizations** tab.

Change Roles

Other role

Inheritance

Role

Role

Z\_INFORWARDER\_DDIC

☐ Obsolete

Description

Role for InForwarder DDIC lookup of RFC objects

Target System

No destination

Description

☒ Menu

☒ Workflow

☒ Authorizations

☒ User

☐ MiniApps

Personalization

Created

User

Date

Time

00:00:00

Last Changed

User

Date

Time

00:00:00

Last Profile Generation

User

Date

Time

00:00:00

Information About Authorization Profile

Profile Name

Profile Text

Status

No authorization data exists

Edit Authorization Data and Generate Profiles

Change Authorization Data

Figure 4.1.3

Click on the **Change Authorization Data (pencil)** button.

Dismiss the following Dialog box by clicking the **green** checkbox.

Information

Important Note:

If you are using the Profile Generator for the first time, you should use transaction SU25 (step 1) to initially fill the Profile Generator customer tables. For information on this step, see the documentation on the Profile Generator in the Implementation Guide, the SAP Library and in the transaction itself.

If you have already used the Profile Generator in a previous Release, you should use transaction SU25 (steps 2A to 2C) to transfer the new check indicators before you continue working with the Profile Generator. This transaction displays all changes to the check indicators and the field values. You can adopt the changes or retain your own settings. The transaction also specifies all roles that it makes sense to regenerate.

☒ ☐ ☐ ☐ ☐

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Figure 4.1.4

Dismiss the **Choose Template** Dialog Box by clicking the **Do not select templates** button.

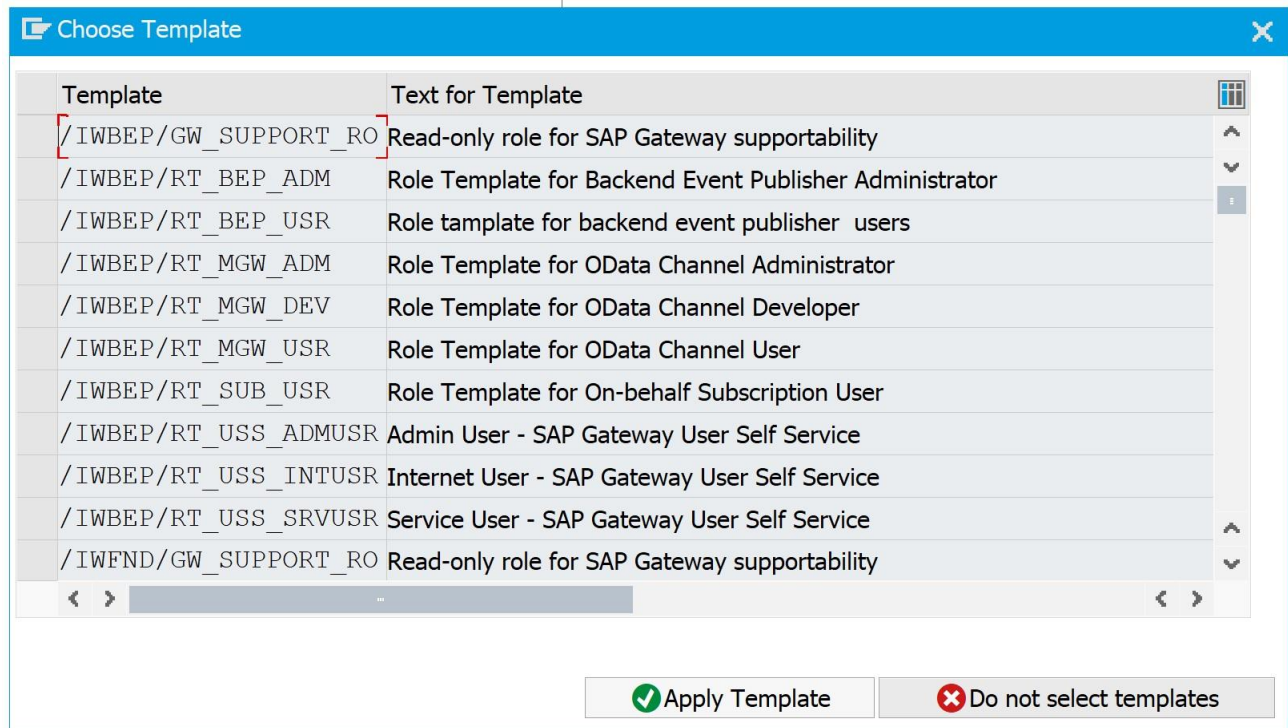


Figure 4.1.5

In the **Change Role: Authorizations** Dialog Box click the **Selection criteria** button.

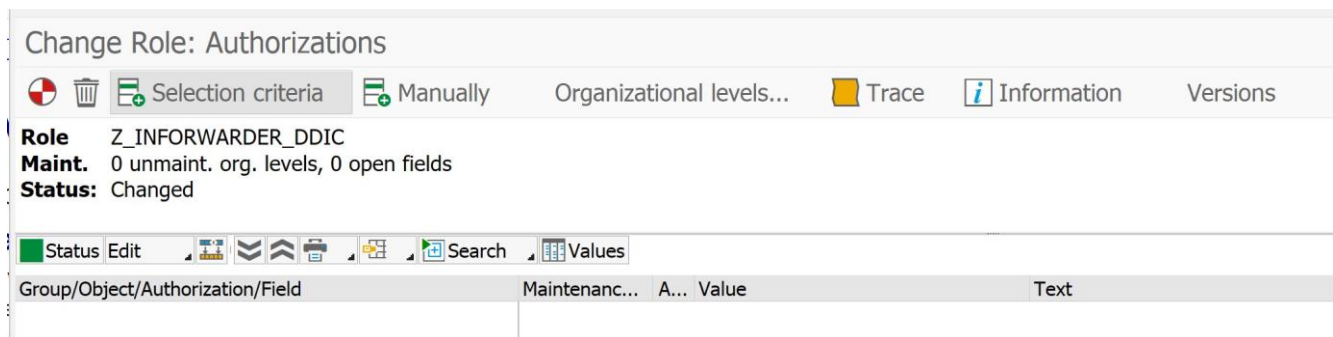


Figure 4.1.6

In the **Change Role: Insert Authorizations** Dialog Box click the **Cross-application Authorization Objects (AAAB)** line on the **folder (plus sign)** icon.

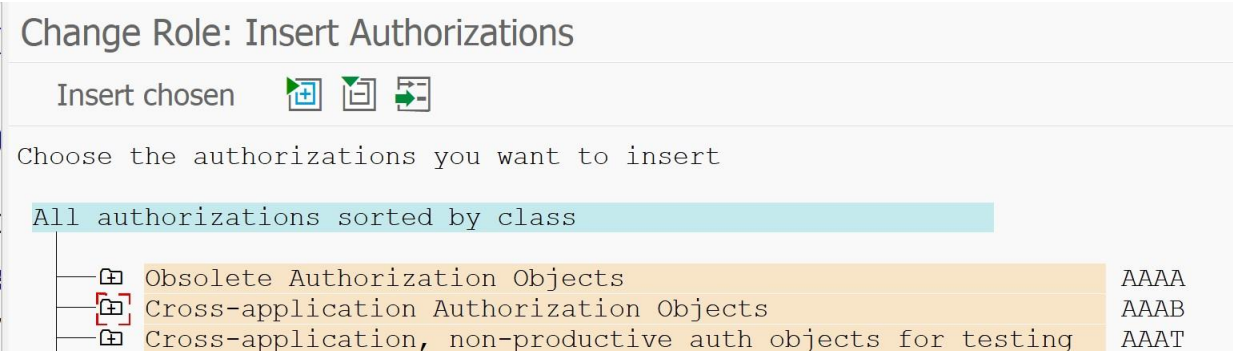


Figure 4.1.7

Scroll down the list until the **Authorization Check for RFC Access (S\_RFC)** line is shown.

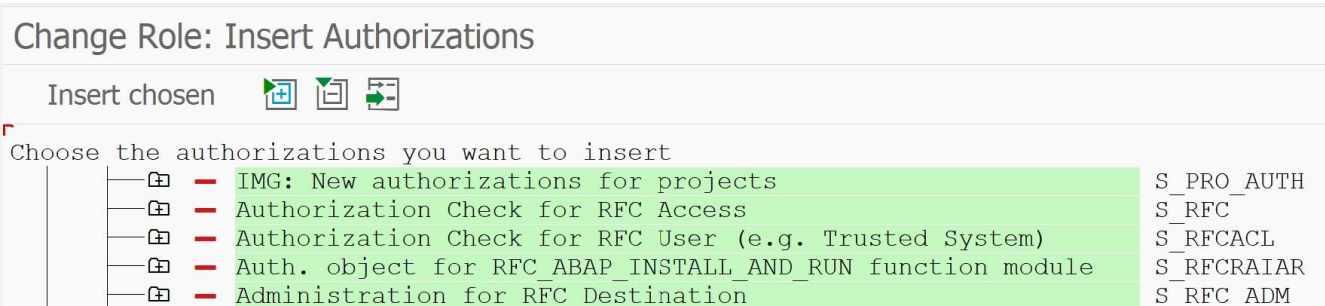


Figure 4.1.8

Click on the **red** minus sign icon to turn it into a **green** plus sign.

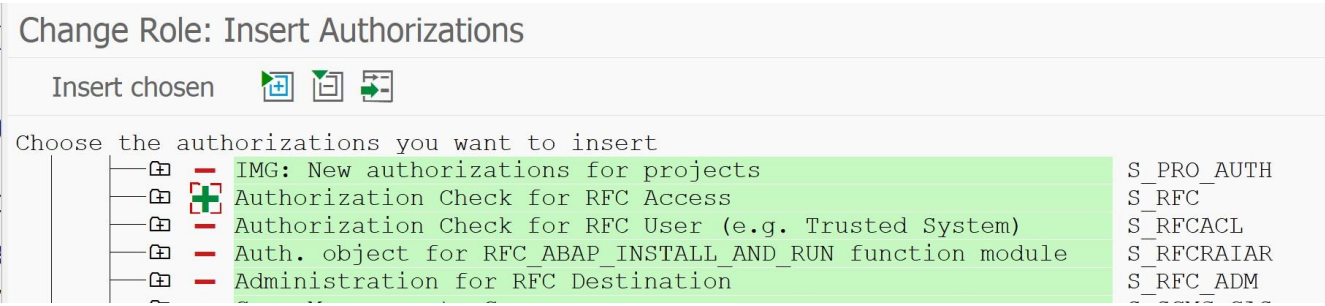


Figure 4.1.9

Click the **Insert chosen** button in the toolbar.

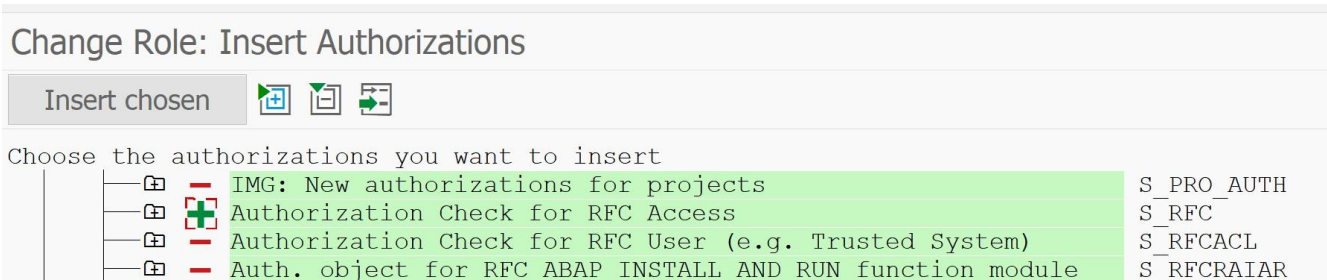


Figure 4.1.10

In the **Change Role: Authorizations** Dialog Box, expose the full hierarchy under **Object class AAAB** by clicking on the **folder open** icons.

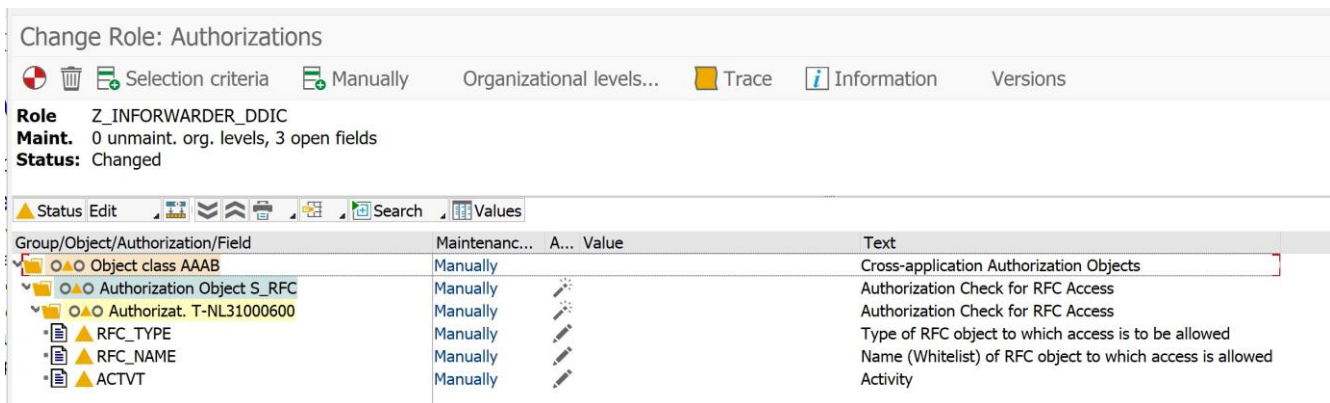


Figure 4.1.11

The objective is to fill in the correct values for the three lines shown below.



Figure 4.1.12

For NetWeaver releases 7.1 or greater enter the following values:

**RFC\_TYPE: FUNC**

**RFC\_NAME: RFCPING, SYSTEM\_RESET\_RFC\_SERVER, RFC\_FUNCTION\_SEARCH, RFC\_GET\_FUNCTION\_INTERFACE, DDIF\_FIELDINFO\_GET**

**ACTVT: 16**



For NetWeaver releases less than 7.1 enter the following values:

RFC\_TYPE: FUGR RFC\_NAME:

R/3 Release	Function Groups (RFC_NAME)
4.6C	SYST, RFC1, SYSU,SDIF
4.6D	SYST, RFC1, SYSU, SDIFRUNTIME

ACTVT: 16

Click the **Edit (pencil)** icon and then click the **Save (diskette)** icon when complete.

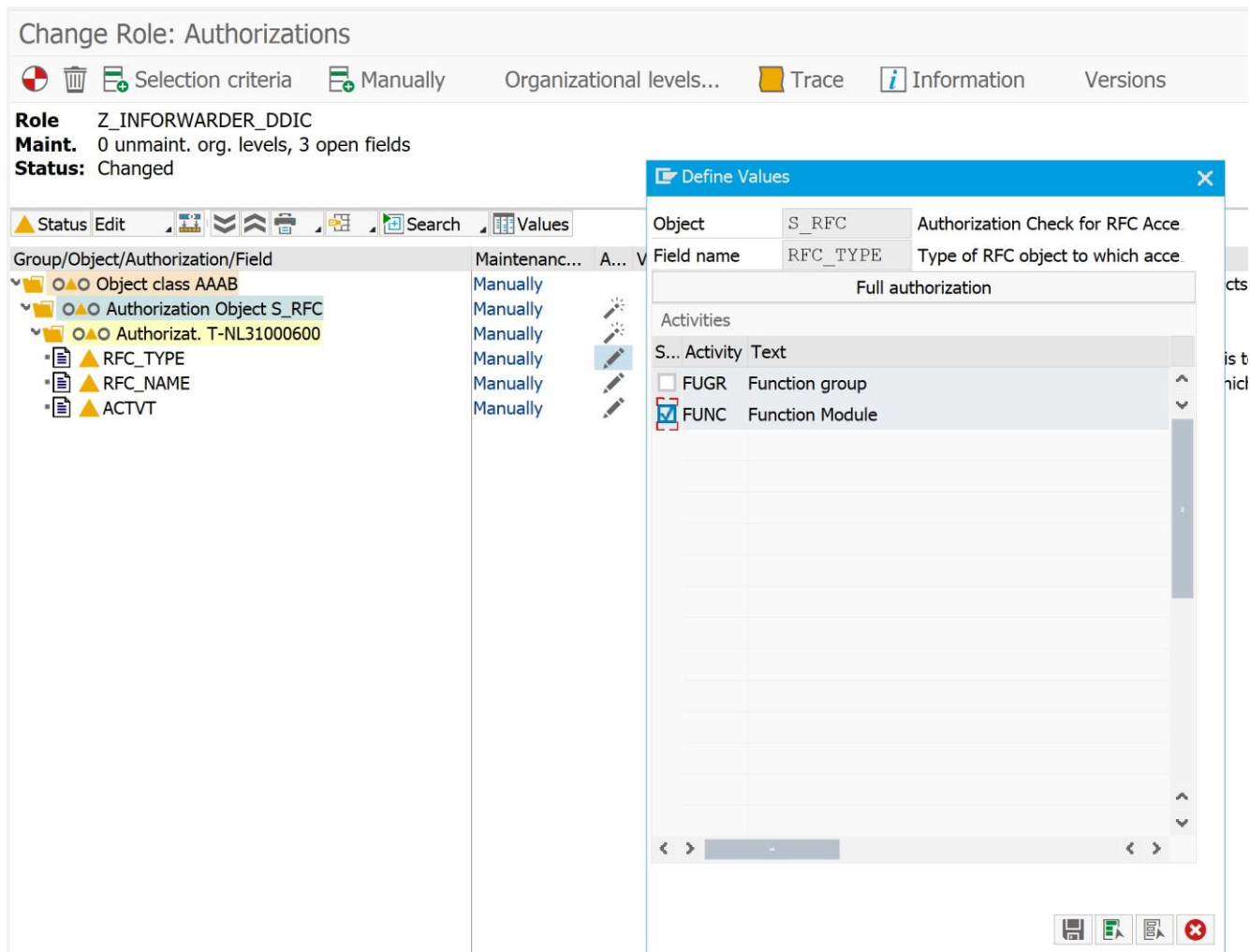


Figure 4.1.13

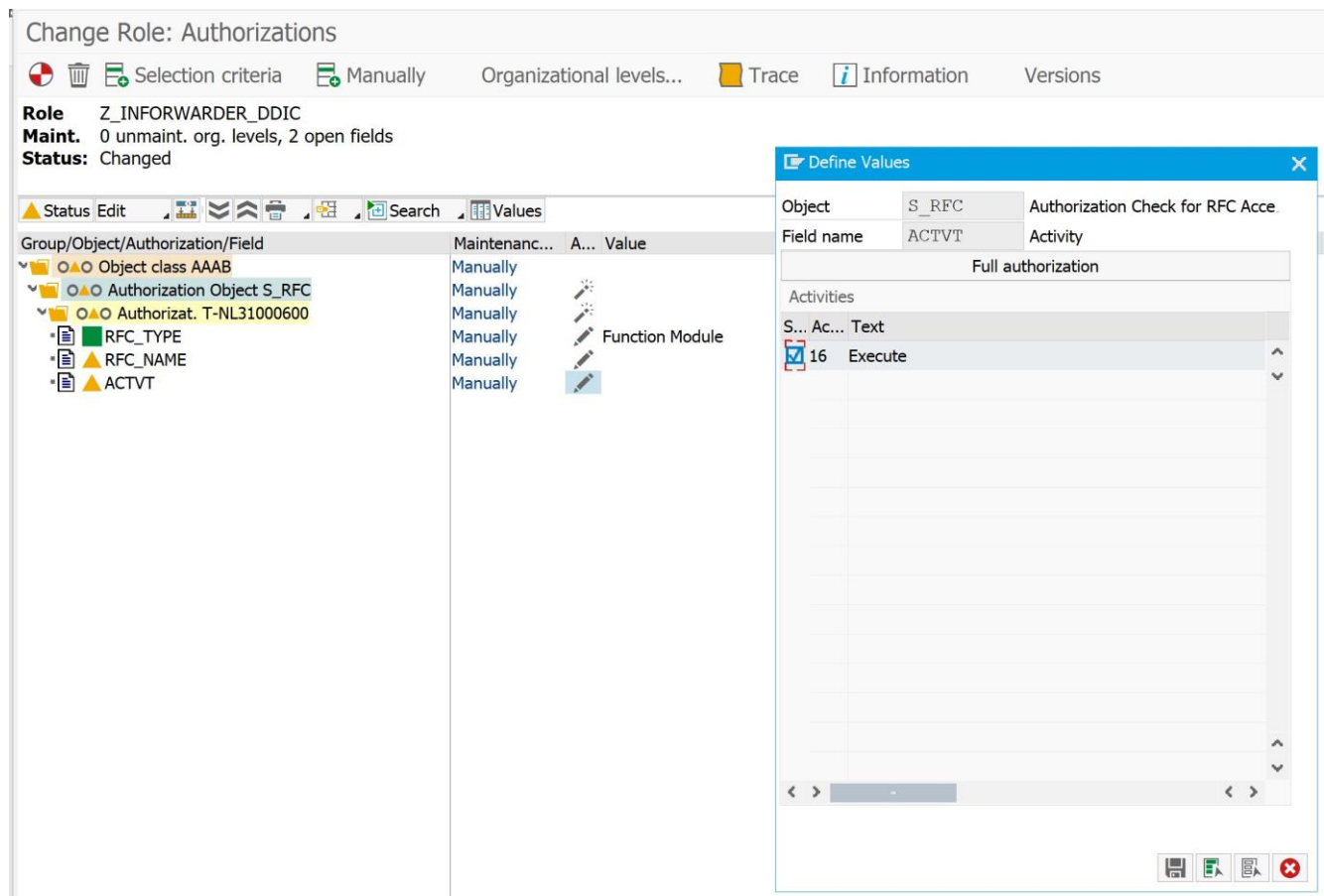


Figure 4.1.14

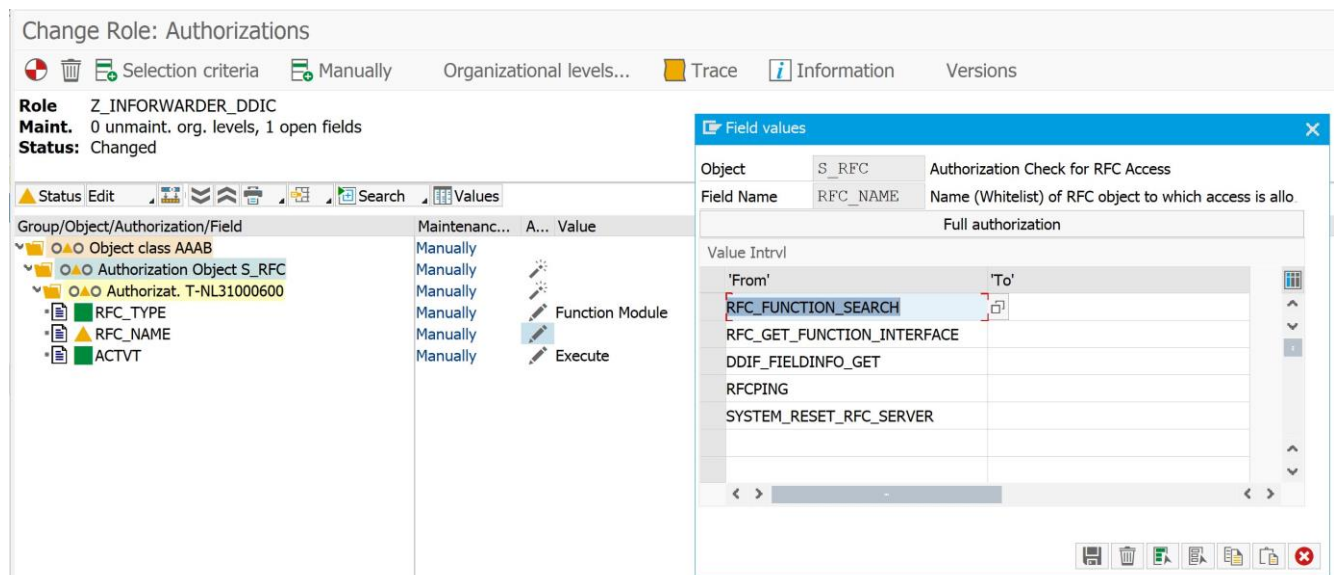


Figure 4.1.15

When complete click the **Generate** icon.



Figure 4.1.16

Accept the generated **Profile name** by clicking on the **green** checkbox.

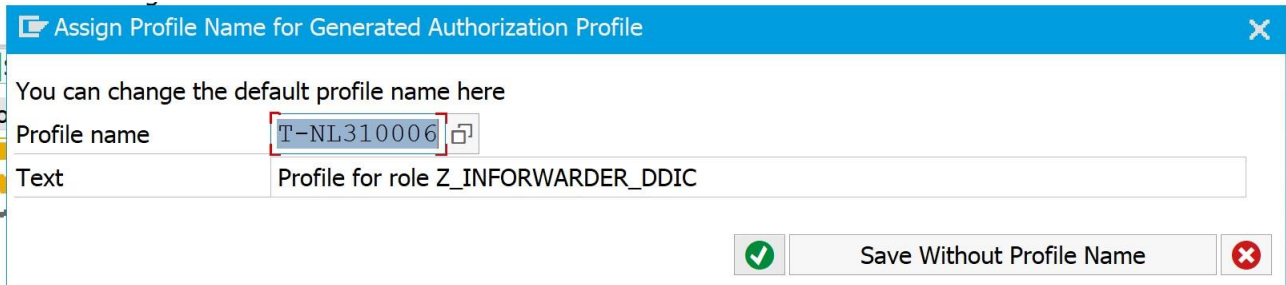


Figure 4.1.17

When complete, the **Change Role: Authorizations** Dialog Box will appear as follows with the **green** boxes.

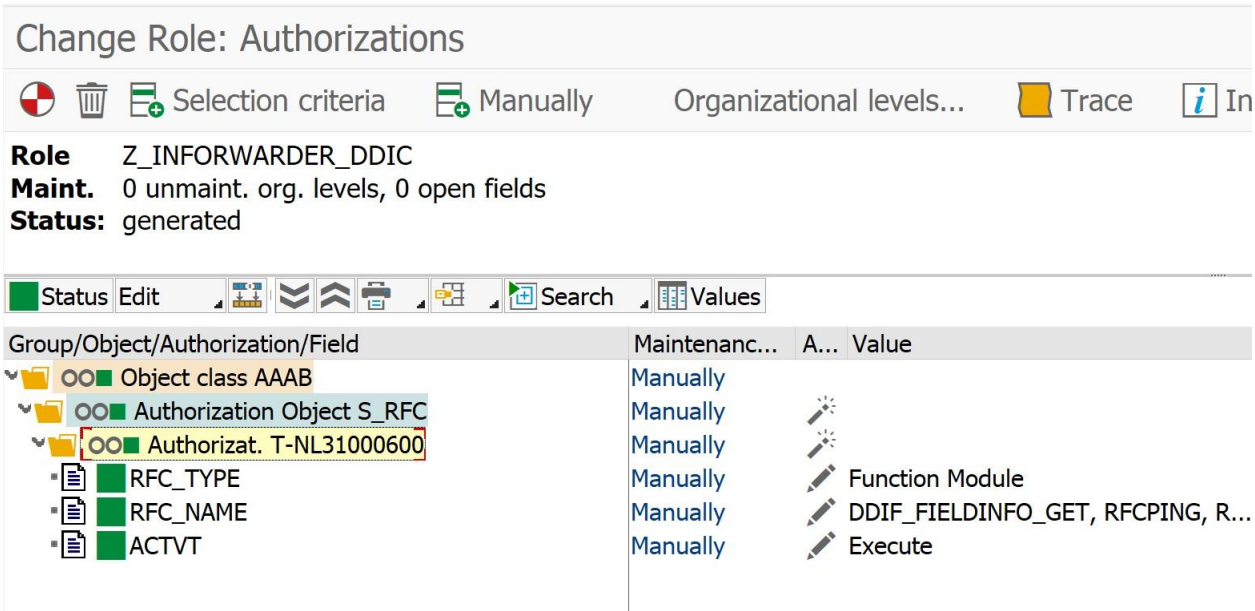


Figure 4.1.18



Click on the **Save icon (diskette)** in the toolbar and note the **Data saved** message in the status bar.

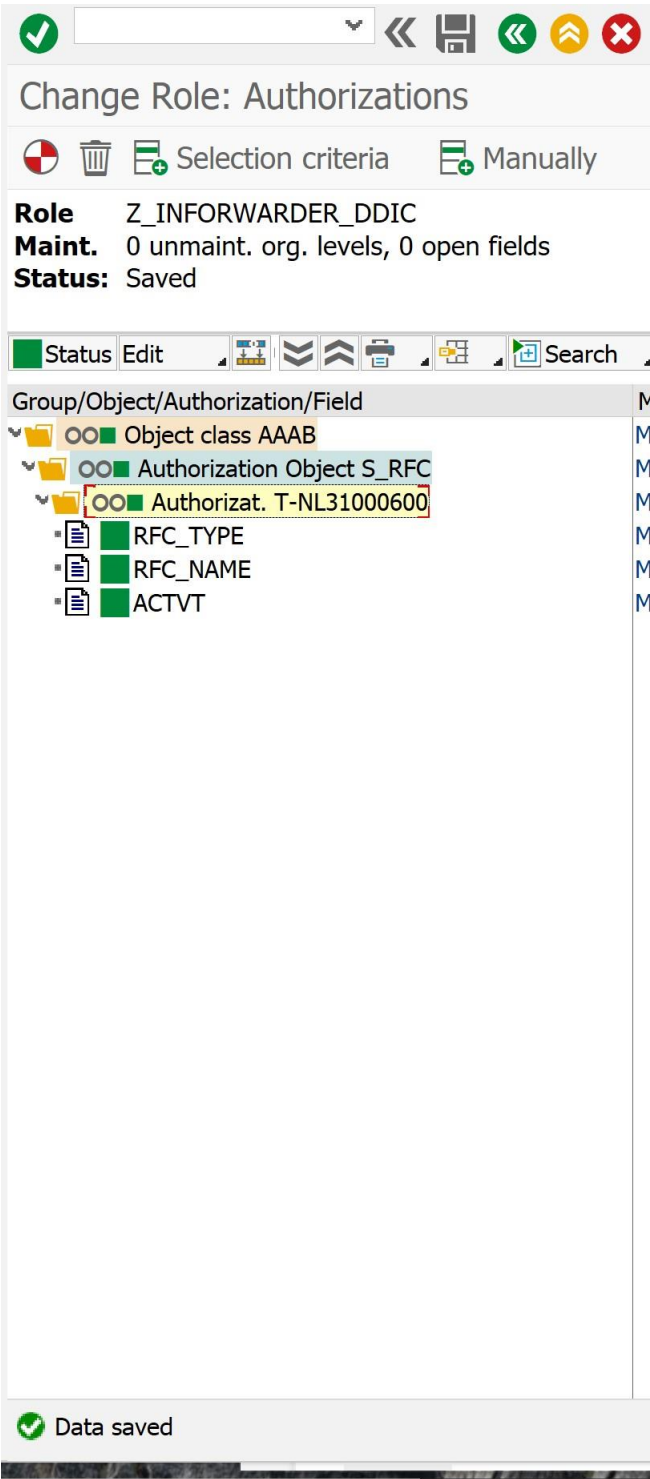


Figure 4.1.19

Click on the **Exit (Upward Chevron)** icon in the toolbar.

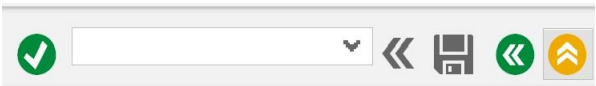


Figure 4.1.20

Click on the **Change User Assignments (people)** icon on the far end of the toolbar.

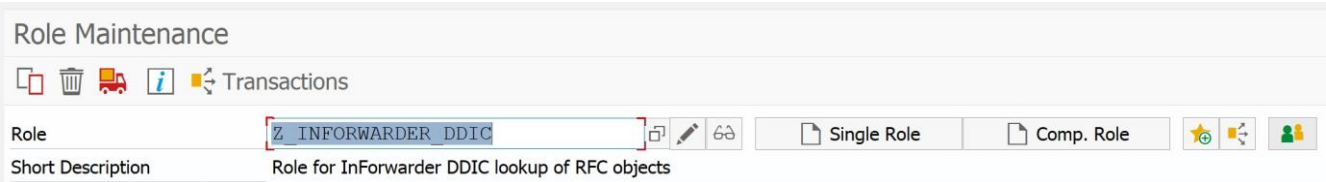


Figure 4.1.21

The **User** tab will be selected.

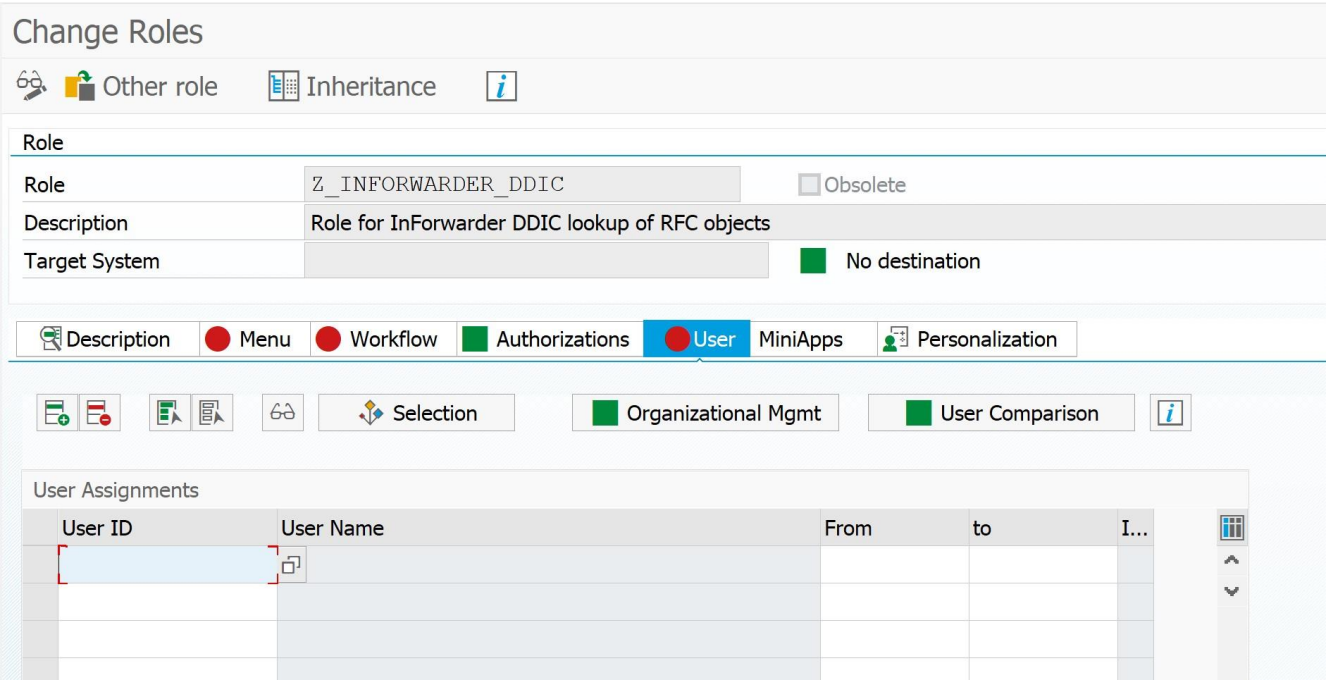


Figure 4.1.22

Enter **INFORWARDER** in the User ID column in the **User Assignments** table.

## Change Roles

Other role
 Inheritance

Role

Role	Z_INFORWARDER_DDIC	<input type="checkbox"/> Obsolete
Description	Role for InForwarder DDIC lookup of RFC objects	
Target System		<input checked="" type="checkbox"/> No destination

Description
 Menu
 Workflow
 Authorizations
 **User**
 MiniApps
 Personalization

Selection
 Organizational Mgmt
 User Comparison

### User Assignments

User ID	User Name	From	to	I...
INFORWARDER				

Figure 4.1.23

Click the **Selection** button and the information will be filled in as follows:

## Change Roles

Other role
 Inheritance

---

Role

Role

Z\_INFORWARDER\_DDIC

☐ Obsolete

Description

Role for InForwarder DDIC lookup of RFC objects

Target System

☒ No destination

---

Description
 ☒ Menu
 ☒ Workflow
 ☒ Authorizations
 ☒ **User**
☐ MiniApps
 Personalization

---

Selection
 ☒ Organizational Mgmt
 ☒ User Comparison

---

User Assignments

User ID	User Name	From	to	I...
INFORWARDER	In Forwarder	17.02.2020	31.12.9999	

Figure 4.1.24

Click on the **Save icon (diskette)** in the toolbar.

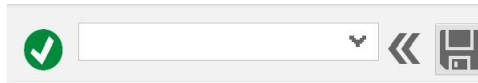


Figure 4.1.25

Click the **Organizational Mgmt** button in the toolbar.

In on the **Role: Change Agent Assignment** Dialog Box, click the **second** icon from the left (two green boxes below, one yellow icon in the upper right above).

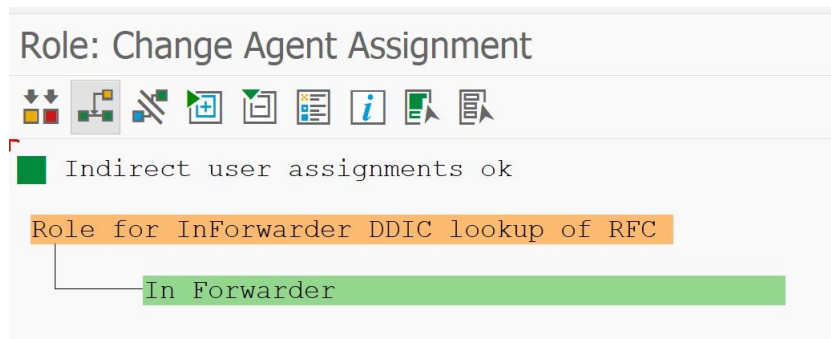


Figure 4.1.26

When the Dialog Box is exited the **Organizational Mgmt** button should have a green icon now.



Figure 4.1.27

Click the **User Comparison** button in the toolbar.

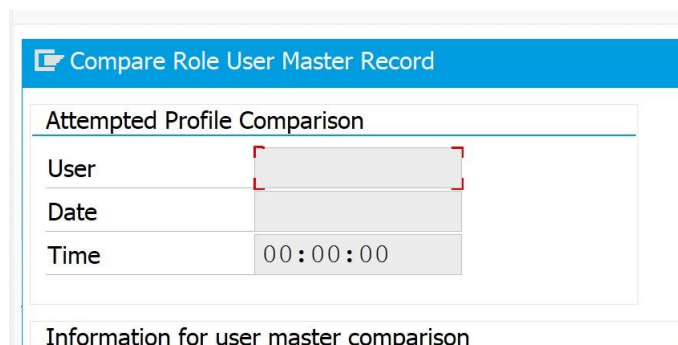


Figure 4.1.28

In the **Attempted Profile Comparison – User** field, hit return.

Dismiss the Dialog box by clicking the **green** checkbox.

Click on the **Save icon (diskette)** in the toolbar and then exit back to the SAPGUI Easy Access Dialog Box.

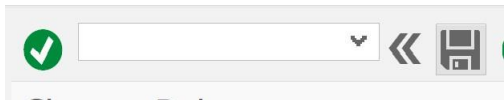


Figure 4.1.29

Re-run TCode **SU01**:

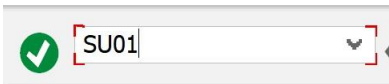


Figure 4.1.30

Select the **INFORWARDER** Account and verify the **Roles** and **Profiles** Tabs appear similar to the following:

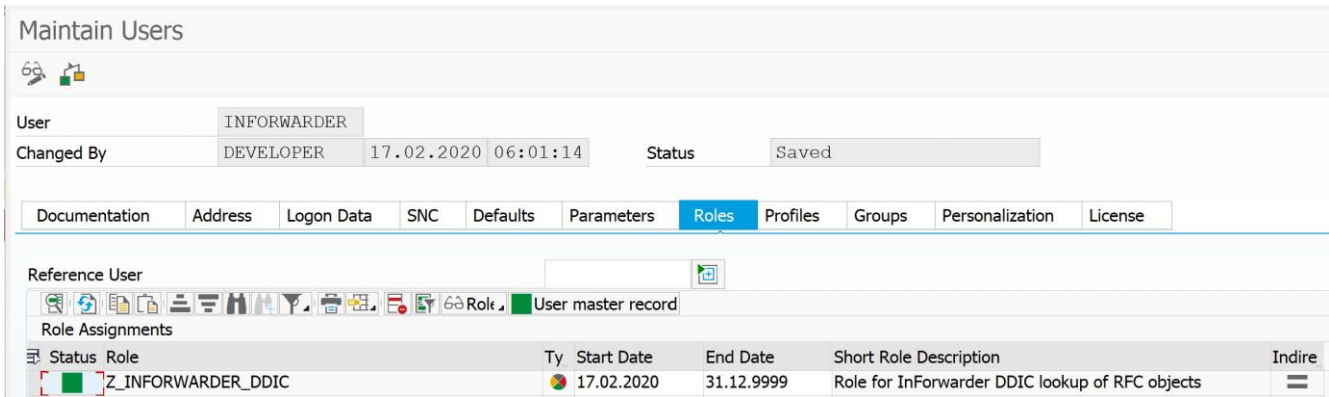














Figure 4.1.31

## Maintain Users





User	INFORWARDER			Status	Saved
Changed By	DEVELOPER	17.02.2020	06:01:14		

[Documentation](#)
[Address](#)
[Logon Data](#)
[SNC](#)
[Defaults](#)
[Parameters](#)
[Roles](#)
[Profiles](#)
[Groups](#)
[Personalization](#)
[License](#)

Assigned Authorization Profiles

Profile	Type	Text
T-NL310006		Profile for role Z_INFORWARDER_DDIC

## 4.2 Register InForwarder as an RFC Server with NetWeaver

With the SAP\* (or similar privileged account) credentials obtained in prerequisite item 2.9, login to the correct client via SAPGUI:

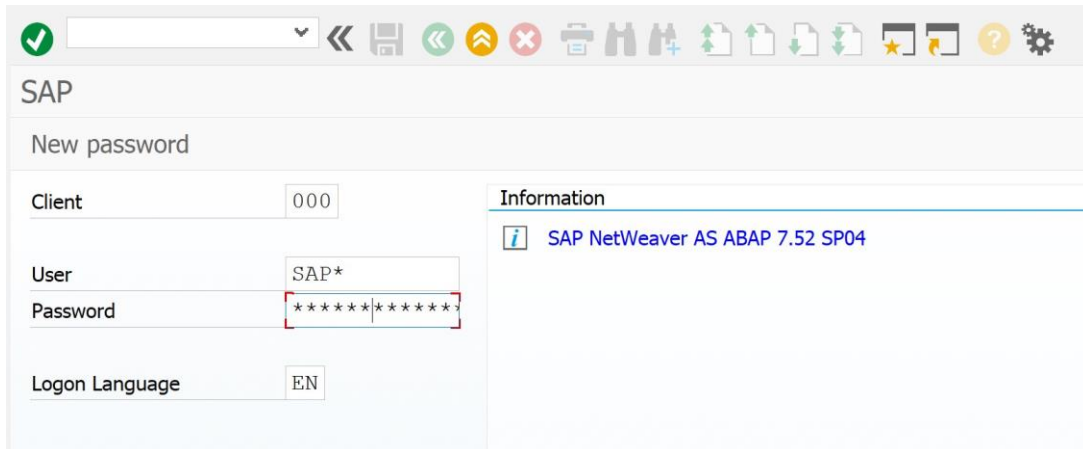


Figure 4.2.1 Run

TCode **SM59**:

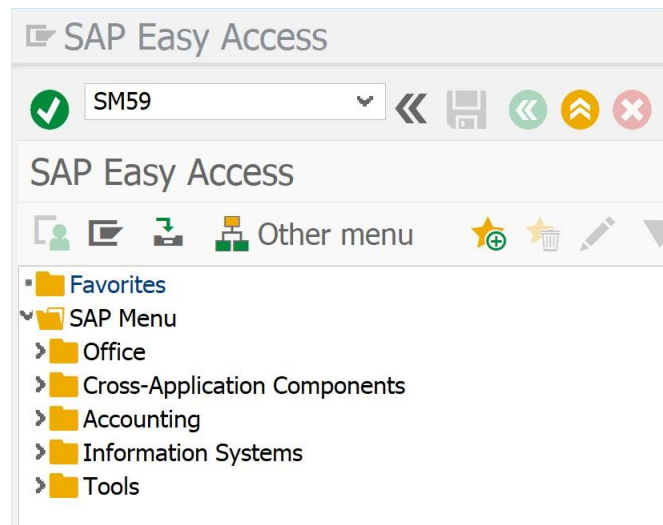


Figure 4.2.2

Expand the **TCP/IP Connections** folder:

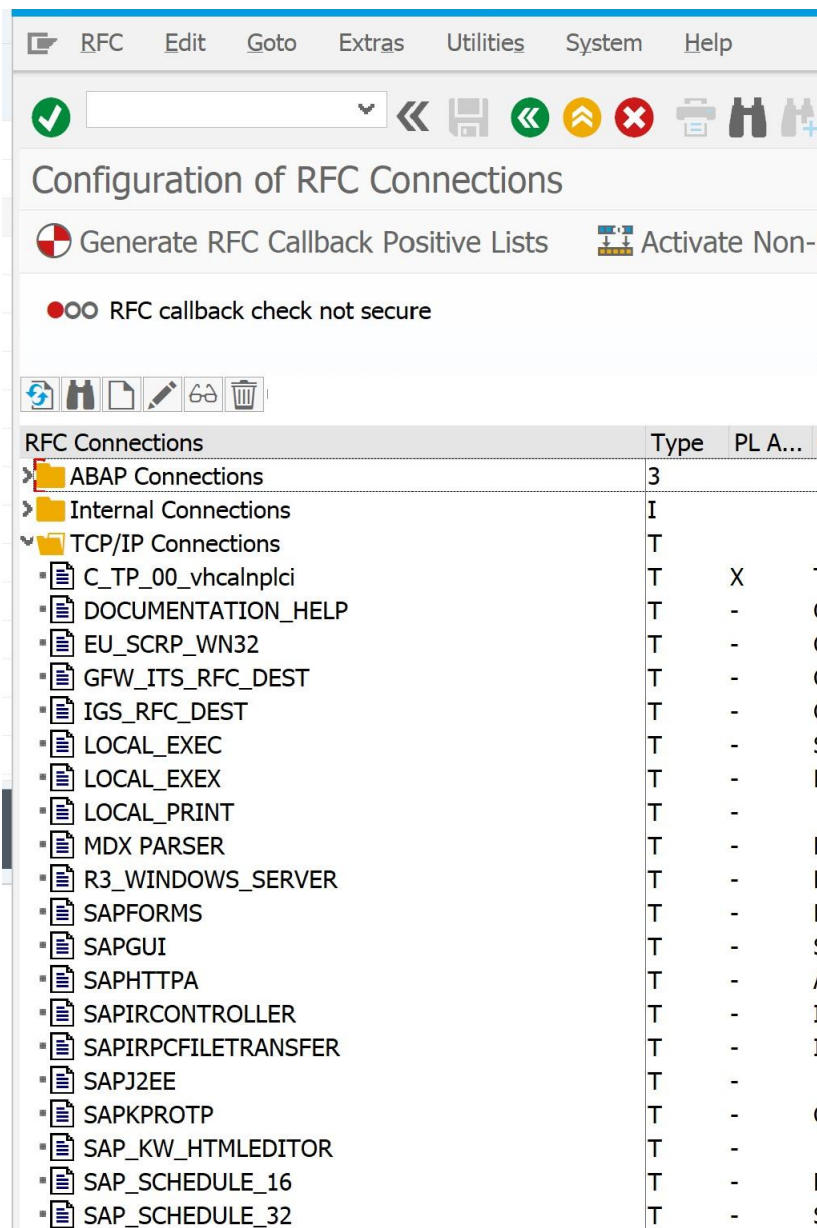


Figure 4.2.3

Click on the **TCP/IP Connections** folder (changes to blue background).

Click on the **Create (paper)** icon:



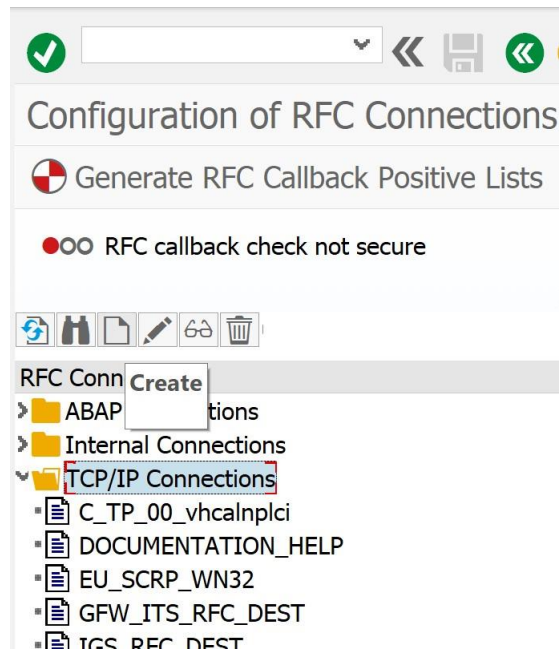


Figure 4.2.4

Enter the information as follows on the **Technical Settings** Tab:


RFC Destination: **INFORWARDER4JSON**


Description 1: **InForwarder Adapter for Files (JSON)**

Activation Type: **Registered Server Program**

Program ID: **InForwarder4JSON**

RFC Destination INFORWARDER4NR

Connection Test    Unicode Test    

RFC Destination INFORWARDER4NR 

Connection Type T TCP/IP Connection    Description

Description

Description 1	Inforwarder RFC Server for New Relic
Description 2	
Description 3	

Administration    **Technical Settings**    Logon & Security    Unicode    Special Options

Activation Type

☐ Start on Application Server                      ☒ Registered Server Program  
☐ Start on Explicit Host  
☐ Start on Front-End Work Station

Registered Server Program

Program ID	InForwarder4NR
------------	----------------

Figure 4.2.5

Click on the **Unicode** tab.

Change the “Communication Type with Target System” to: **Unicode**.

Click the green checkbox in the dialog box that appears.

Administration    Technical Settings    Logon & Security    **Unicode**    Special Options

Communication Type with Target System

☒ Unicode  
☐ Non-Unicode

☒ Code page from client-side logon language (at runtime)  
☐ Explicit Code page    0000    ☐ Enforce Code Page

Figure 4.2.6 Click

on the **Special Options** tab.

Verify the “Set RFC Trace” checkbox is: **Unchecked**.

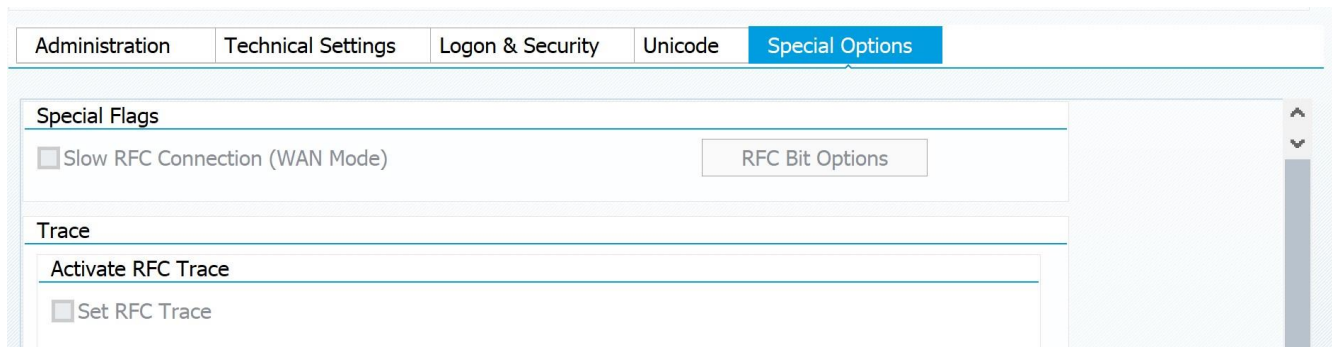


Figure 4.2.7

Click on the **Save icon (diskette)** in the toolbar.

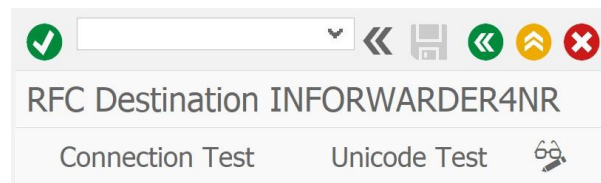


Figure 4.2.8

**INFORWARDER4JSON** will now be listed under TCP/IP Connections.

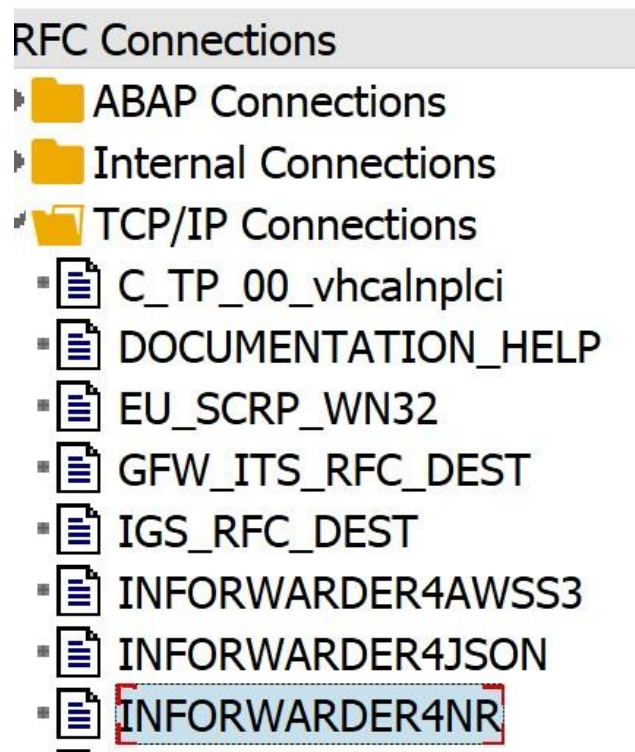


Figure 4.2.9

### 4.3 Test connectivity between NetWeaver and InForwarder

**NOTE:** The two tests in this section test connectivity to InForwarder. They **DO NOT** send any data to files (JSON).

Run TCode **SM59**:

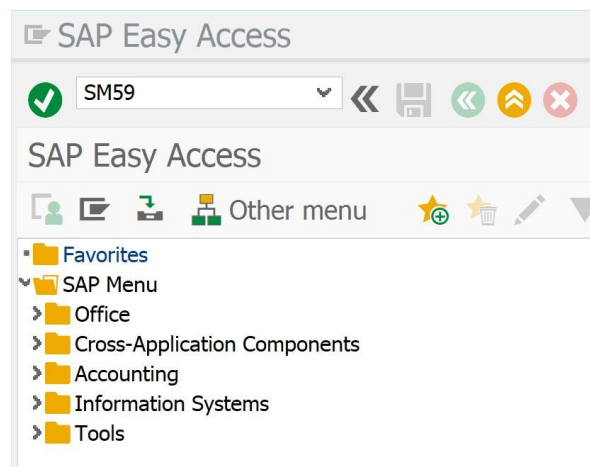


Figure 4.3.1

Open the **TCP/IP Connections** Folder.

Double Click on **INFORWARDER4JSON**.

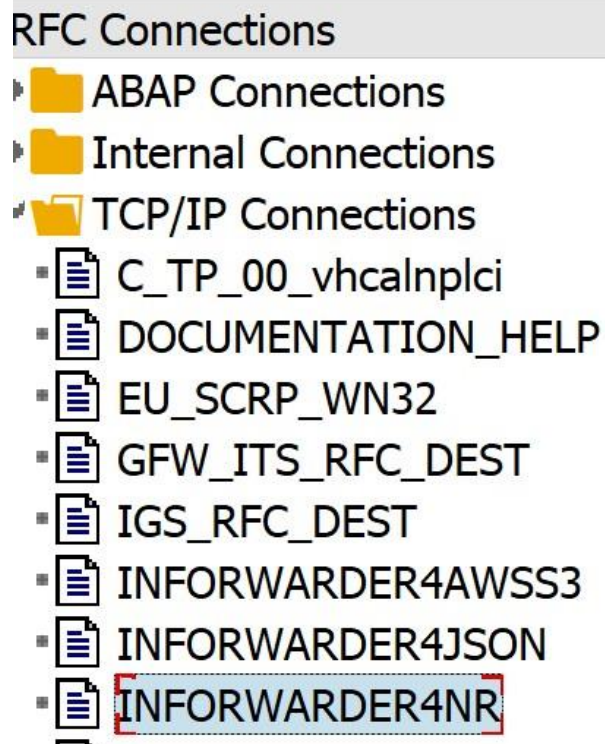


Figure 4.3.2

Click on **Connection Test**:

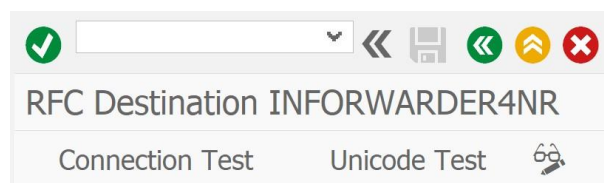


Figure 4.3.3

Successful results appear similar to the following:

RFC - Connection Test	
Connection Test INFORWARDER4NR	
Action	Result
Logon	1 msec
Transfer of 0 KB	10 msec
Transfer of 10 KB	10 msec
Transfer of 20 KB	10 msec
Transfer of 30 KB	10 msec

Figure 4.3.4 Click

on **Unicode Test**:

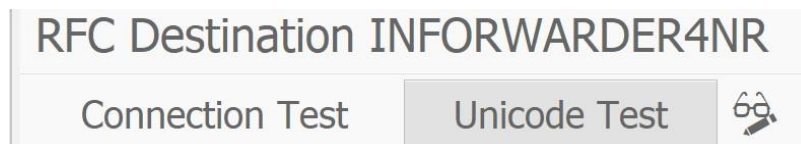


Figure 4.3.5

Successful results appear similar to the following:

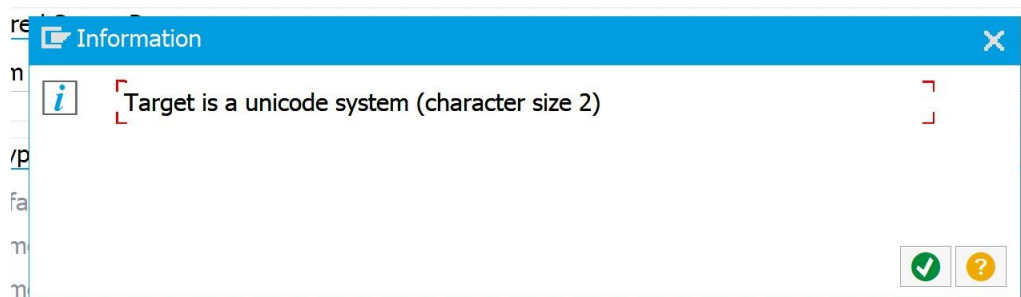


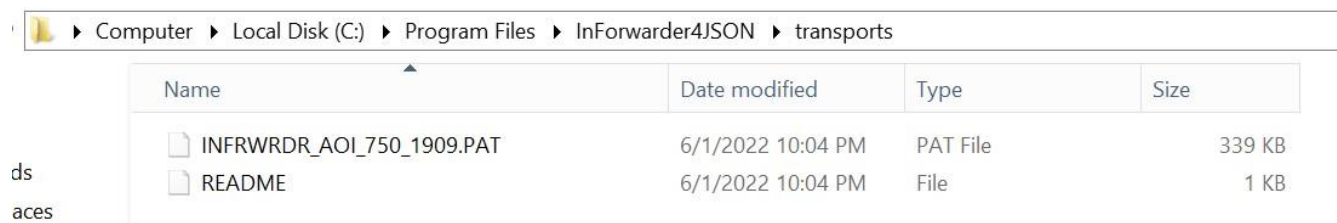
Figure 4.3.6

Click the **green** checkbox to dismiss the Dialog Box.

## 4.4 Install InForwarder Transport

**NOTE: S/4Hana 1909 Service Pack 75 or higher is required.**

The transport is available under the InForwarder installation directory in the transports sub directory:

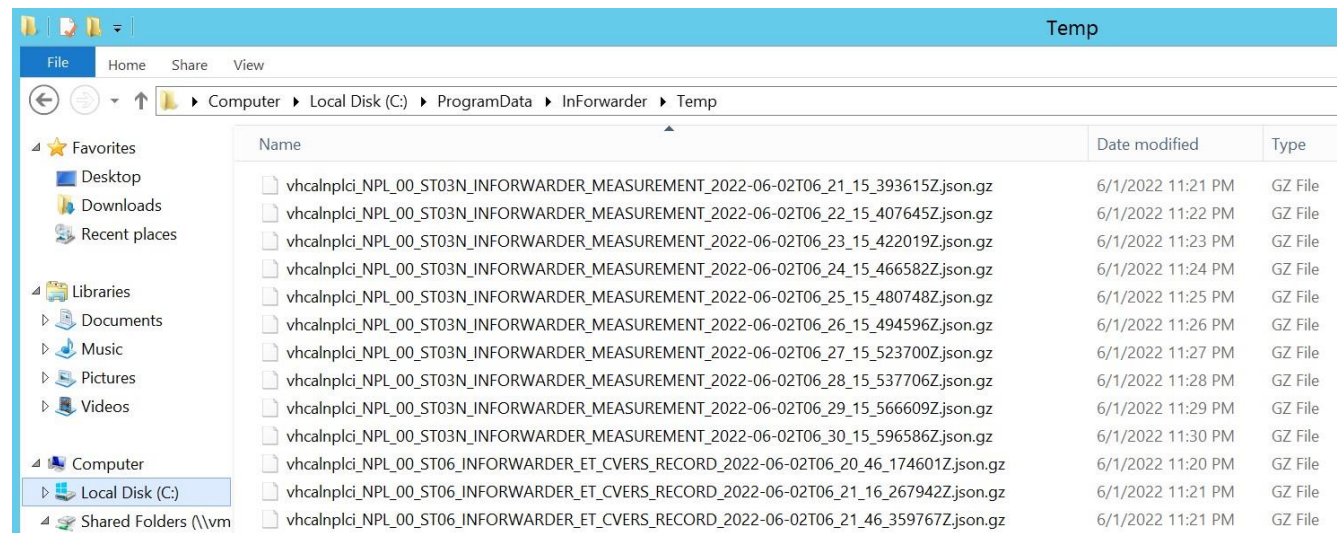


Name	Date modified	Type	Size
INFRWRDR_AOI_750_1909.PAT	6/1/2022 10:04 PM	PAT File	339 KB
README	6/1/2022 10:04 PM	File	1 KB

Figure 4.5.1

## 4.5 Verify NetWeaver data is available as Files (JSON)

Check the C:\ProgramData\InForwarder\Temp folder



Name	Date modified	Type
vhcalnplci_NPL_00_ST03N_INFORWARDER_MEASUREMENT_2022-06-02T06_21_15_393615Z.json.gz	6/1/2022 11:21 PM	GZ File
vhcalnplci_NPL_00_ST03N_INFORWARDER_MEASUREMENT_2022-06-02T06_22_15_407645Z.json.gz	6/1/2022 11:22 PM	GZ File
vhcalnplci_NPL_00_ST03N_INFORWARDER_MEASUREMENT_2022-06-02T06_23_15_422019Z.json.gz	6/1/2022 11:23 PM	GZ File
vhcalnplci_NPL_00_ST03N_INFORWARDER_MEASUREMENT_2022-06-02T06_24_15_466582Z.json.gz	6/1/2022 11:24 PM	GZ File
vhcalnplci_NPL_00_ST03N_INFORWARDER_MEASUREMENT_2022-06-02T06_25_15_480748Z.json.gz	6/1/2022 11:25 PM	GZ File
vhcalnplci_NPL_00_ST03N_INFORWARDER_MEASUREMENT_2022-06-02T06_26_15_494596Z.json.gz	6/1/2022 11:26 PM	GZ File
vhcalnplci_NPL_00_ST03N_INFORWARDER_MEASUREMENT_2022-06-02T06_27_15_523700Z.json.gz	6/1/2022 11:27 PM	GZ File
vhcalnplci_NPL_00_ST03N_INFORWARDER_MEASUREMENT_2022-06-02T06_28_15_537706Z.json.gz	6/1/2022 11:28 PM	GZ File
vhcalnplci_NPL_00_ST03N_INFORWARDER_MEASUREMENT_2022-06-02T06_29_15_566609Z.json.gz	6/1/2022 11:29 PM	GZ File
vhcalnplci_NPL_00_ST03N_INFORWARDER_MEASUREMENT_2022-06-02T06_30_15_596586Z.json.gz	6/1/2022 11:30 PM	GZ File
vhcalnplci_NPL_00_ST06_INFORWARDER_ET_CVERS_RECORD_2022-06-02T06_20_46_174601Z.json.gz	6/1/2022 11:20 PM	GZ File
vhcalnplci_NPL_00_ST06_INFORWARDER_ET_CVERS_RECORD_2022-06-02T06_21_16_267942Z.json.gz	6/1/2022 11:21 PM	GZ File
vhcalnplci_NPL_00_ST06_INFORWARDER_ET_CVERS_RECORD_2022-06-02T06_21_46_359767Z.json.gz	6/1/2022 11:21 PM	GZ File

Figure 4.5.1

If you do not see any SAP data in this folder, please consult the InForwarder Log available at:

C:\ProgramData\InForwarder\Logs

If you see any error messages in the log, please review the installation steps to correct the issue. If you cannot correct the issue, please forward the log to:



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[support@inforwarder.com](mailto:support@inforwarder.com)



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# Appendix

## A.1 Directory Layout

Program Files\InForwarder4JSON\{bin, plugins, config, transports}

ProgramData\InForwarder\{Logs, Temp}

## A.2 Upgrade/De-installation Steps

**1) Backup all your configuration information under:**

**Program Files\InForwarder4JSON\config**

**2) Use Programs and Features Control Panel Applet to remove Application:**

**InForwarder4JSON**

**For De-installations only:**

**Uninstall InForwarder transport**

**Delete InForwarder NetWeaver User**

**Delete InForwarder RFC Destination**