

SAP Basis

RFC Between

SAPECC &

HANA

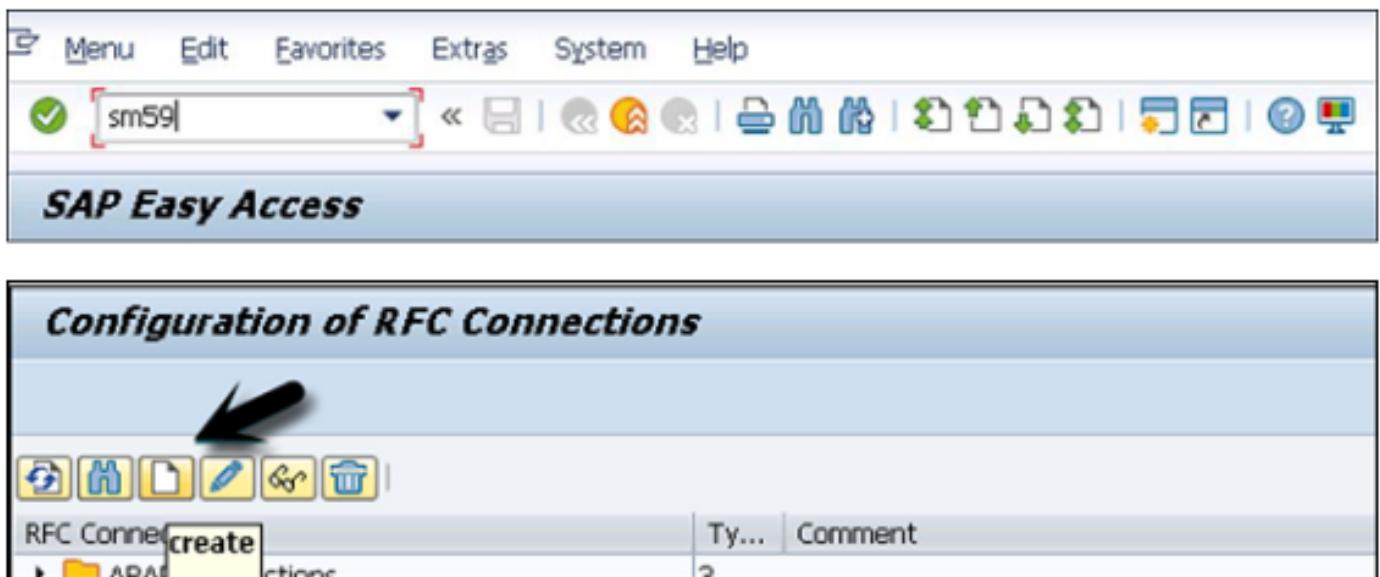
SAP Basis - RFC Between SAP ECC & HANA

Creating a Trusted RFC between SAP ECC and HANA

Suppose, you want to set up a trusted RFC towards target system BB1 on your source SAP system AA1. With the completion of the setup, you would be logged onto AA1 and your user would have enough authorization in BB1; you can use the RFC connection and logon to BB1 without having to re-enter username and password.

Using RFC trusted/trusting relationship between two SAP systems, RFC from a trusted system to a trusting system, password is not required for logging on to the trusting system.

Open SAP ECC system using SAP logon. Enter transaction code SM59 → this is the transaction code to create a new Trusted RFC connection → Click on the 3rd icon to open a new connection wizard → click on Create and a new window will open.

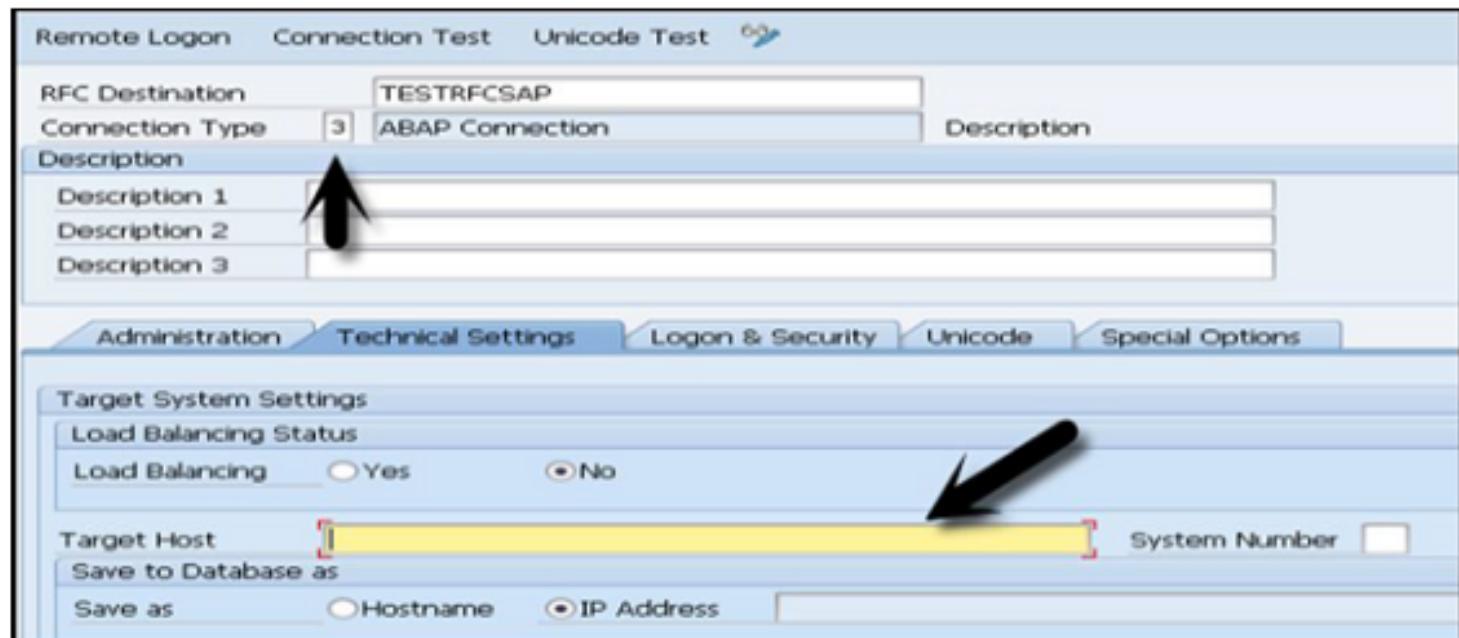


RFC Destination ECCHANA (Enter name of RFC destination)

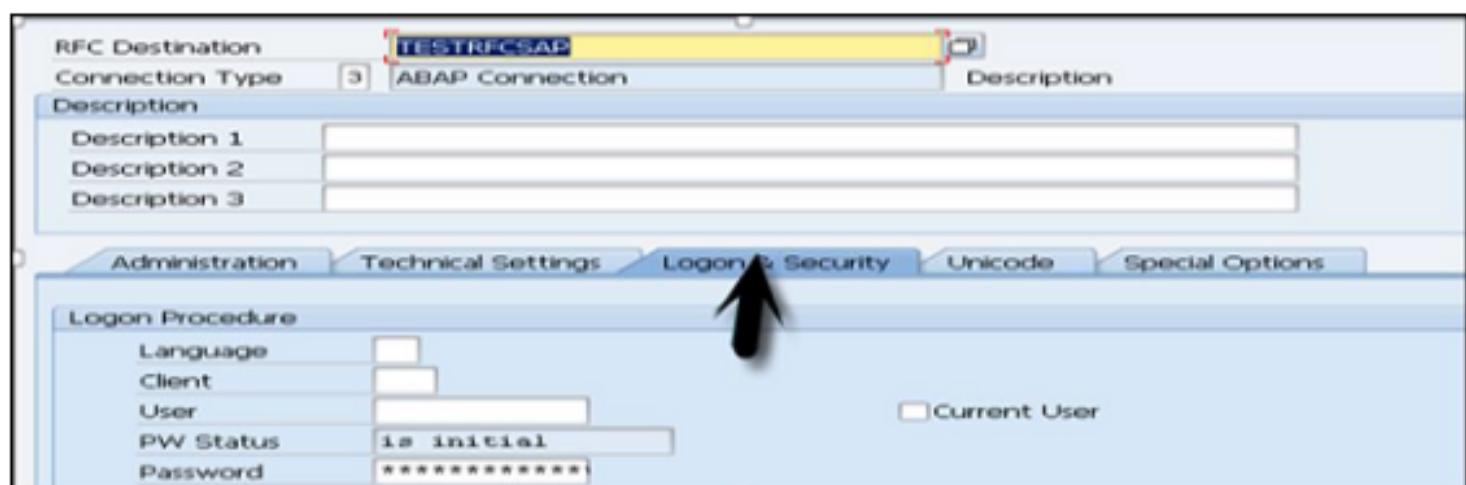
Connection Type 3 (for ABAP system)

Go to Technical Setting.

Enter target host ECC system name, IP and enter system number.



Go to Logon & Security Tab, Enter Language, Client, ECC system username and password.



Click on the Save option at the top.

 Destination TESTRFC SAP saved

Click on Test Connection to successfully test the connection.

RFC - Connection Test	
Connection Test TESTRFC SAP	
Action	Result
Logon	86 msec
Transfer of 0 KB	2 msec
Transfer of 10 KB	5 msec
Transfer of 20 KB	22 msec
Transfer of 30 KB	3 msec

Configuring RFC Connection

Follow these steps to configure RFC connection –

Step 1 – Run transaction ITR (to configure RFC connection)
→ New browser will open → Enter ECC system username and password and logon.

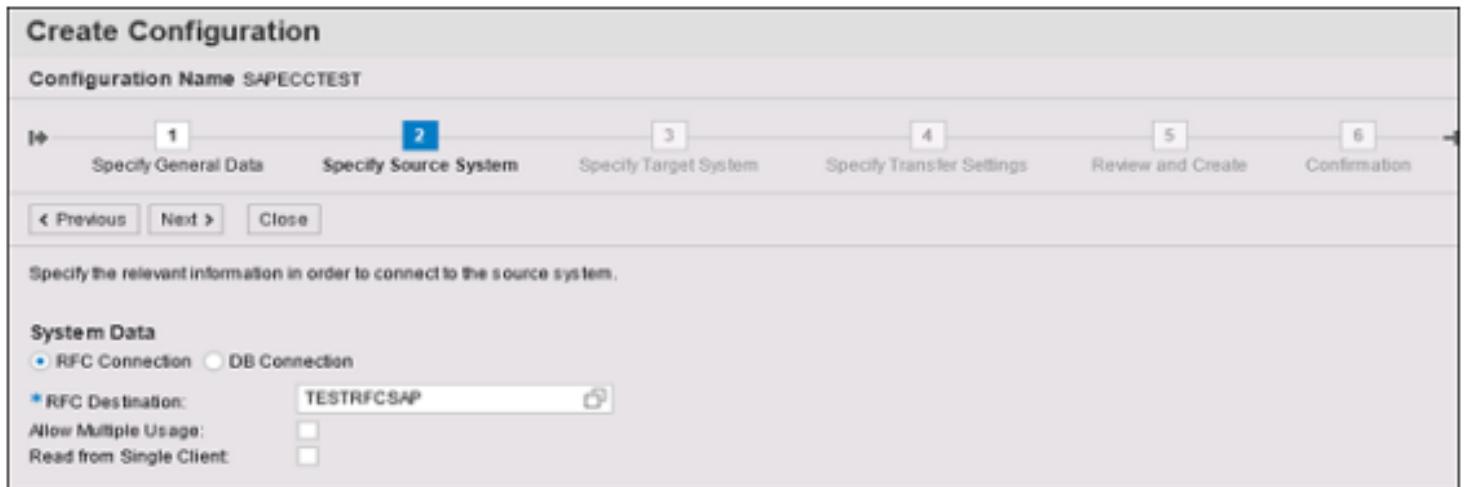
Configuration and Monitoring Dashboard

Available Configurations

New

Check Status

Step 2 – Click on New → New Window will open → Enter configuration name → Click Next → Enter RFC Destination (connection name created earlier), Use search option, Choose name and click Next.



Step 3 – In Specify Target system, Enter HANA system admin username & password, host name, Instance number and click Next. Enter number of data transfer jobs like 007 (it cant be 000) → Next → Create Configuration.

Testing Trusted RFC

Click on Test Connection to successfully test a connection.

Connection Edit Goto Extras Utilities(M) System Help

Test

Remote Logon Ctrl+F7

Connection Test Ctrl+F3

Authorization Test Ctrl+F4

Unicode Test Ctrl+F5

RFC Destination CEQCL...

Remote Logon Connection Test Unicode Test

RFC Destination: [REDACTED]

Connection Type: 3 ABAP Connection

Description

RFC - Connection Test

Connection Test TESTRFCSCP

Connection Type SAP Connection

Action	Result
Logon	86 msec
Transfer of 0 KB	2 msec
Transfer of 10 KB	5 msec
Transfer of 20 KB	22 msec
Transfer of 30 KB	3 msec