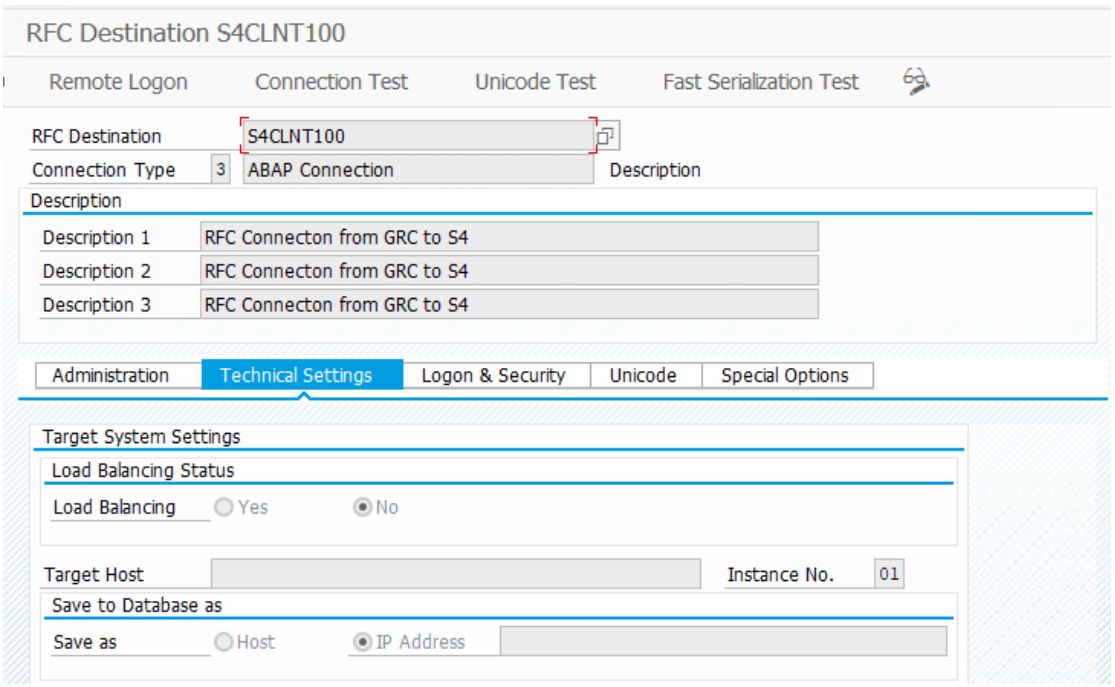
1. Create three RFC Connections between Front End System (FES) and Back End System (BES) using the transaction SM59 with the following naming patter and normal RFC connection between Back End System (BES) and Front End System (FES)

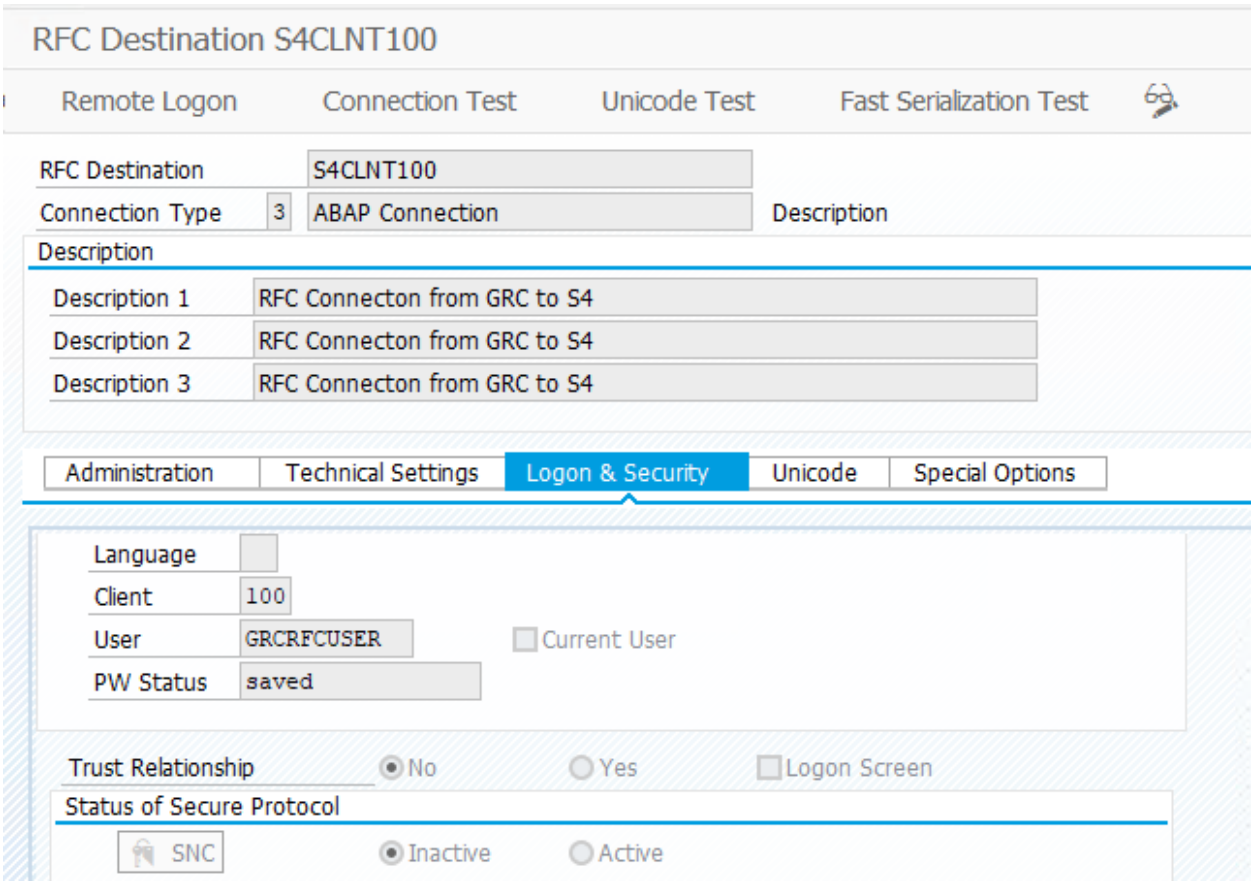
   RFC CONNECTIONS REQUIRED FROM FES → BES

   - <BES SID>CLNT<Client No.> - E.g. S4HCLNT100
   - <BES SID>CLNT<Client No.>_**RFC** - E.g. S4HCLNT100_RFC
   - <BES SID>CLNT<Client No.>_**HTTPS** - E.g. S4HCLNT100_HTTPS
     - HTTPS connection will be of type **H**

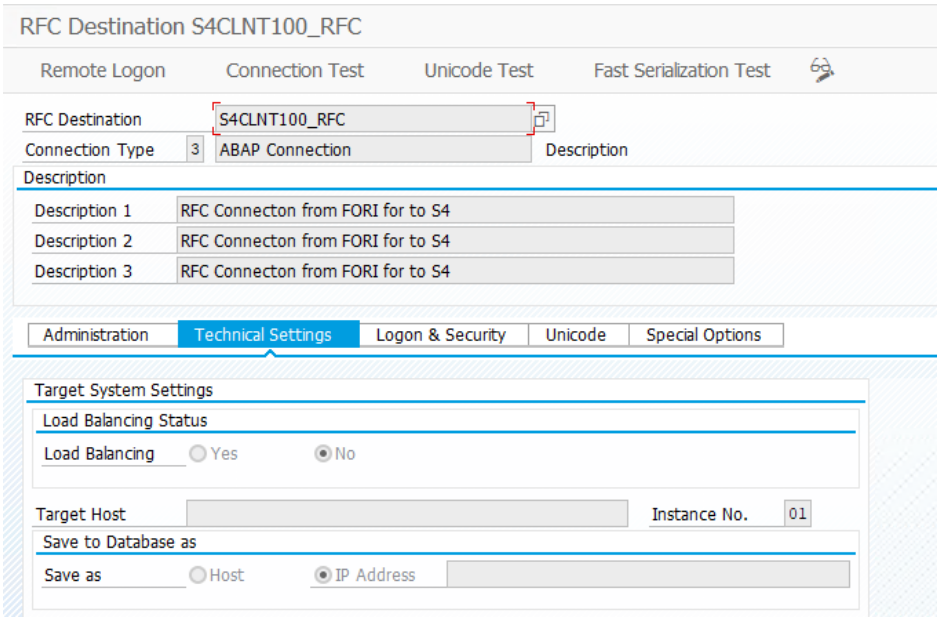
   RFC CONNECTIONS REQUIRED FROM BES → FES

   - <FES SID>CLNT<Client No.> - E.g. G12CLNT100





Create another RFC connection with _**RFC** naming convention



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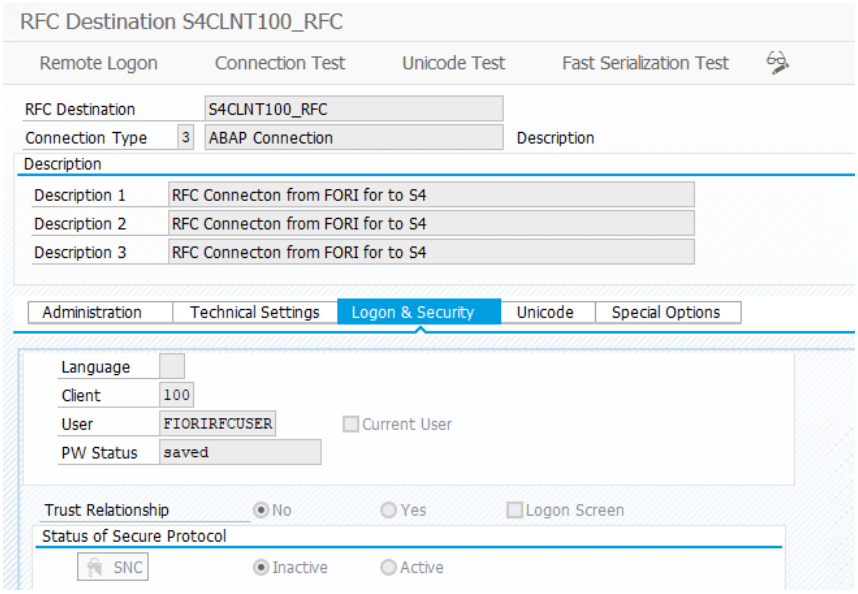
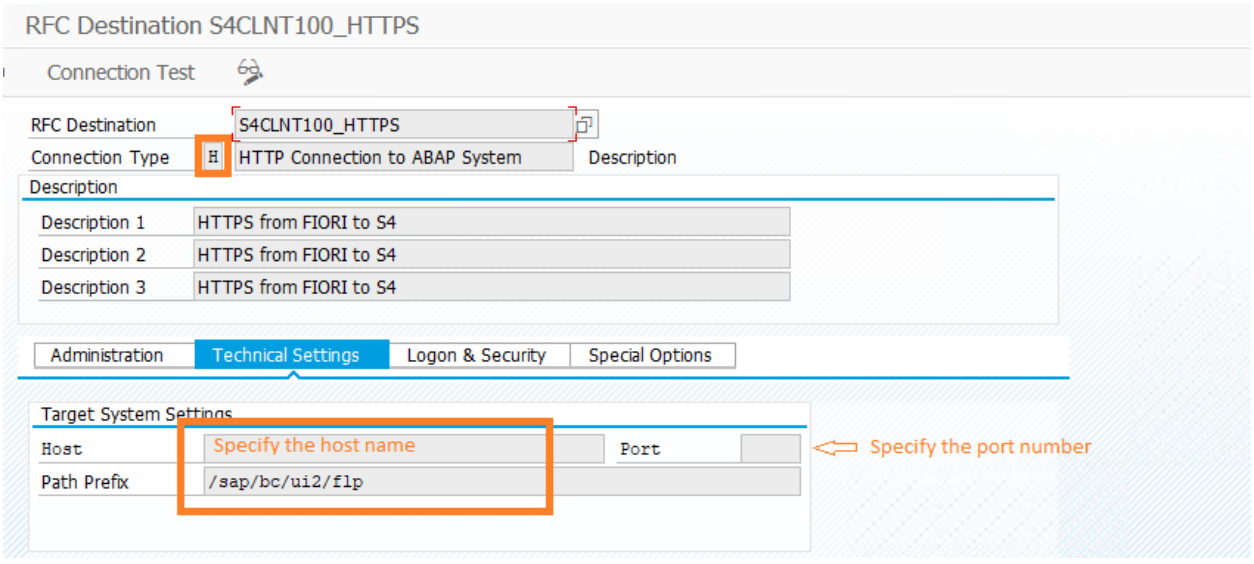
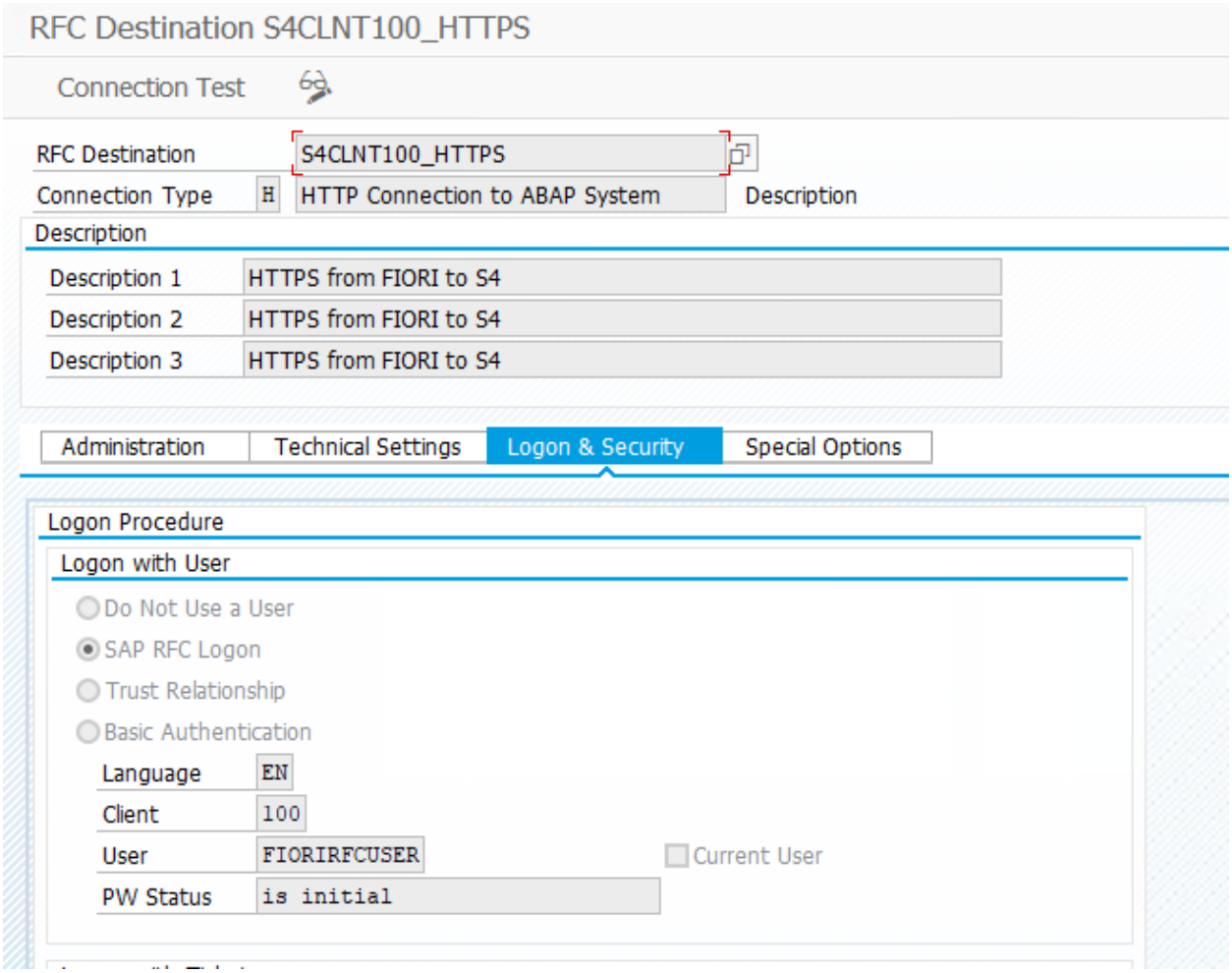


Create another RFC connection with **_HTTP or _HTTPS** naming convention

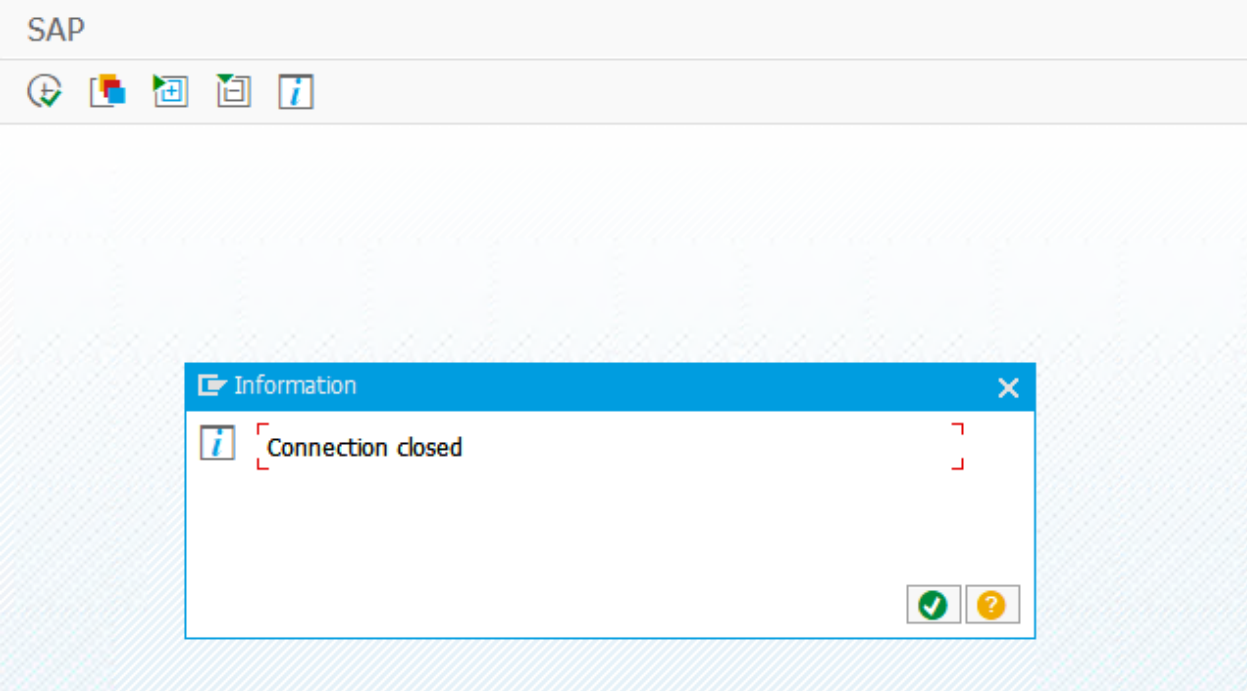
NOTE: You will get host name and port number in transaction code SMMS in Back End System

Or You can use Tcode SMICM → click on Services

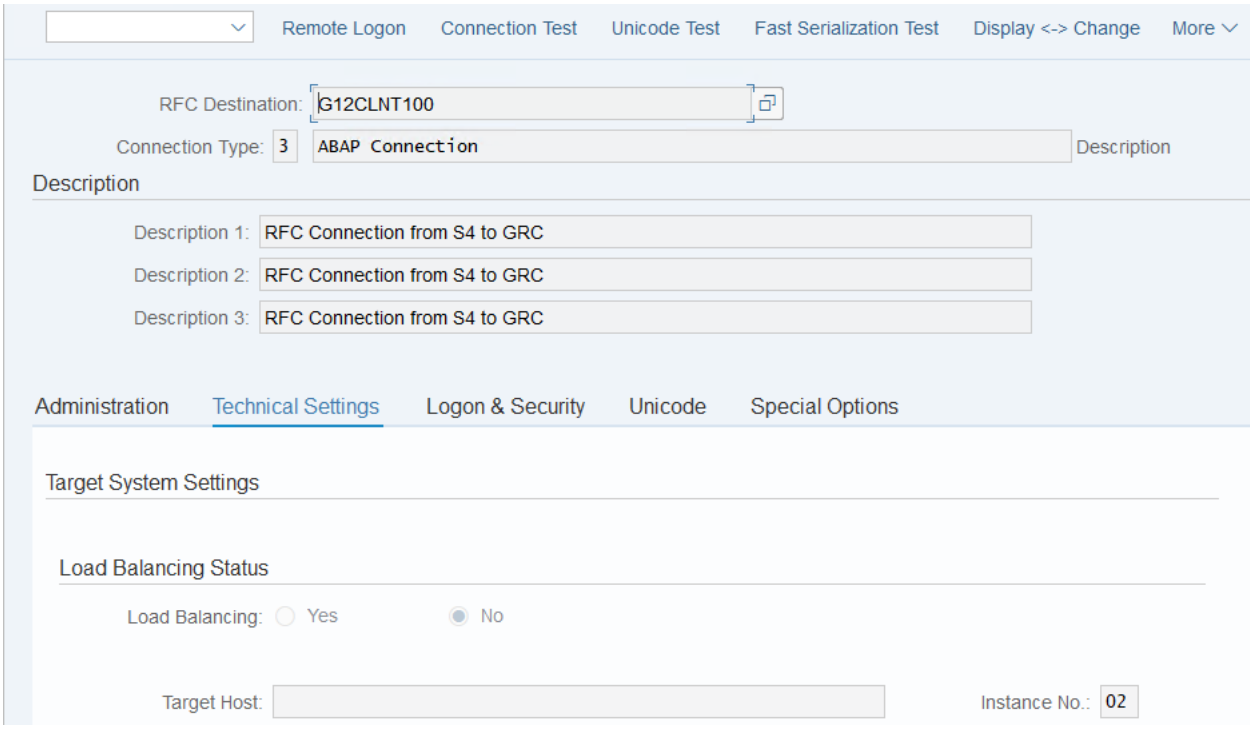




If all entries are correct, you will get the following screen when you a connection test



RFC CONNECTIONS REQUIRED FROM BES → FES



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OR

2. Create three Trusted RFC Connections with the above mentioned naming pattern between Front End Server (FES) and Back End Server (BES) using the transaction SMT1 and one Trusted RFC connection between Back End Server (BES) and Front End Server (FES)

   The results should be same as above when you the RFC connections test for all three types of RFCs

OBSERVATIONS:

1. **_RFC** are taken into account when catalogs replication is performed in FES
2. **_HTTPS** connection is taken into account when you use SAP GUI apps

The front-end system needs to connect to the back-end server during:

- **SAP Fiori launchpad design time, when replicating back-end catalogs to the front-end server: here we need an RFC connection.**

- **SAP Fiori launchpad runtime, when navigating to the application: here we need an HTTP or an HTTPS connection.**