

APPLIES TO:

Creating the Product for the satellite systems.

SUMMARY

This article explains how to create the satellite systems in the Solution Manager System.

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GENERATING THE SATELLITE SYSTEMS

Solution Manager

- The SAP Solution Manager is a platform that provides the integrated content, tools, and methodologies that you need to implement, support, operate and monitor your enterprise's solutions from SAP. With SAP Solution Manager, companies can minimize risk and increase the reliability of their IT solutions.
- SAP Solution Manager helps reduce TCO throughout the solution life cycle, link business processes to the underlying IT infrastructure.
- SAP Solution Manager supports both SAP and non-SAP software and helps companies get more from their existing IT investments. SAP Solution Manager helps companies manage their core business processes and it Provides the Following Tools

1. Work Centers
2. Implementation Content
3. Service Desk
4. Business Process Monitoring
5. Service Level Reporting
6. Job Scheduling Management
7. End-To-End Root Cause Analysis
8. End-to-End Integration Testing
9. Maintenance Certificate
10. Maintenance Optimizer
11. Functional Baseline

SAP Maintenance Strategy

- SAP Maintenance Strategy is 5-1-2 i.e. each sap product comes with 5 years enterprise support for a fees of 17% on Total Cost of SAP Software as AMC (Annual Maintenance Contract) or SLA (Service Level Agreement) and in 6th Year Extended Maintenance for 17+2% and in 7th and 8th Years Additional Maintenance 17+4% and after 8th year Customer maintenance (21%). This Support is referred as STANDARD SUPPORT

SAP Introduced ENTERPRISE SUPPORT 7-2 who will benefit all the features of Solution Manager by paying 22% for Seven Years and 22%+2 for next two years.

Solution Manager Installation

Solution Manager 3.0, 3.2, 4.0, 7.0, 7.0 ehps are the various versions provided by SAP.

Installation is based on OS, DB, 32/64 bit and Unicode.

It is similar to other installations based on Netweaver.

Post-installation actions are similar a Standard ERP System, but need to activate BC (business Configuration) Sets based on requirement.

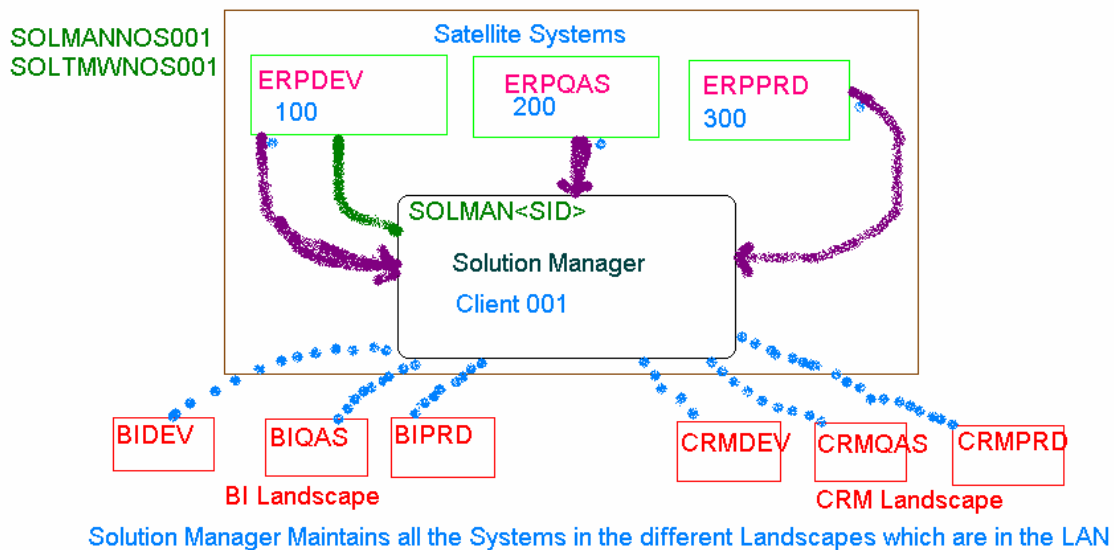
Configure the Satellite System

Execute SMSY Transaction

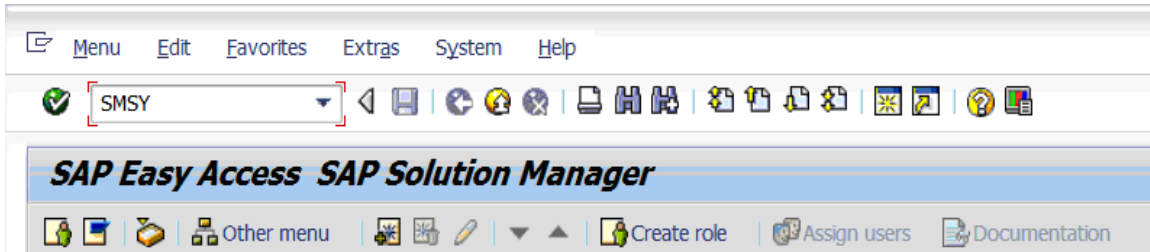
The SAP Solution Manager is a platform that provides various tools to monitor, implement, upgrade, document, operate and support the systems in the landscape (ERP, SRM, SCM, BI, EP, PI and MDM Landscapes)

Satellite Systems are required to setup the Monitoring, Administration, Service Desk, Service Level Reporting, Business Process Monitoring, Early watch Alerts and maintenance Optimizer. Ensure that RFC connections are maintained properly from solution manager to Satellite Systems.

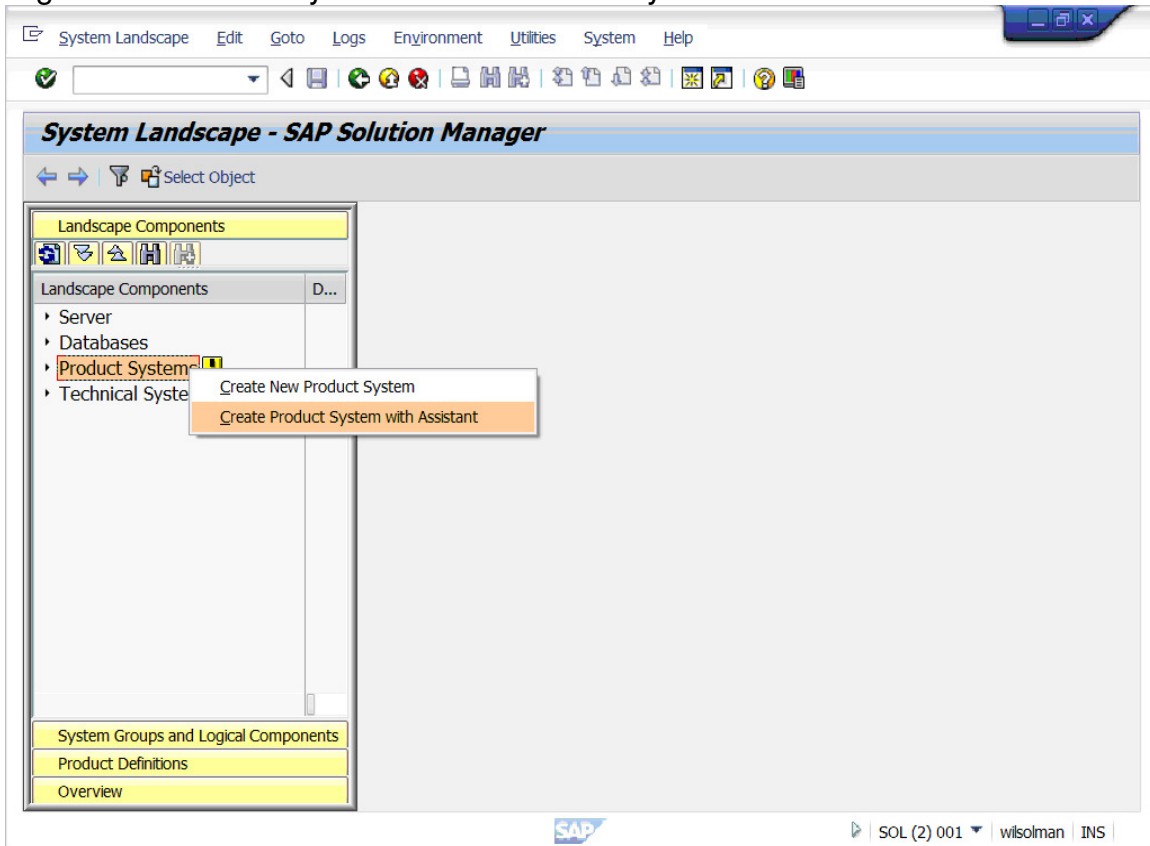
If required the Satellite systems may need to be patched to be compatible for the solution manager and configure all the features.

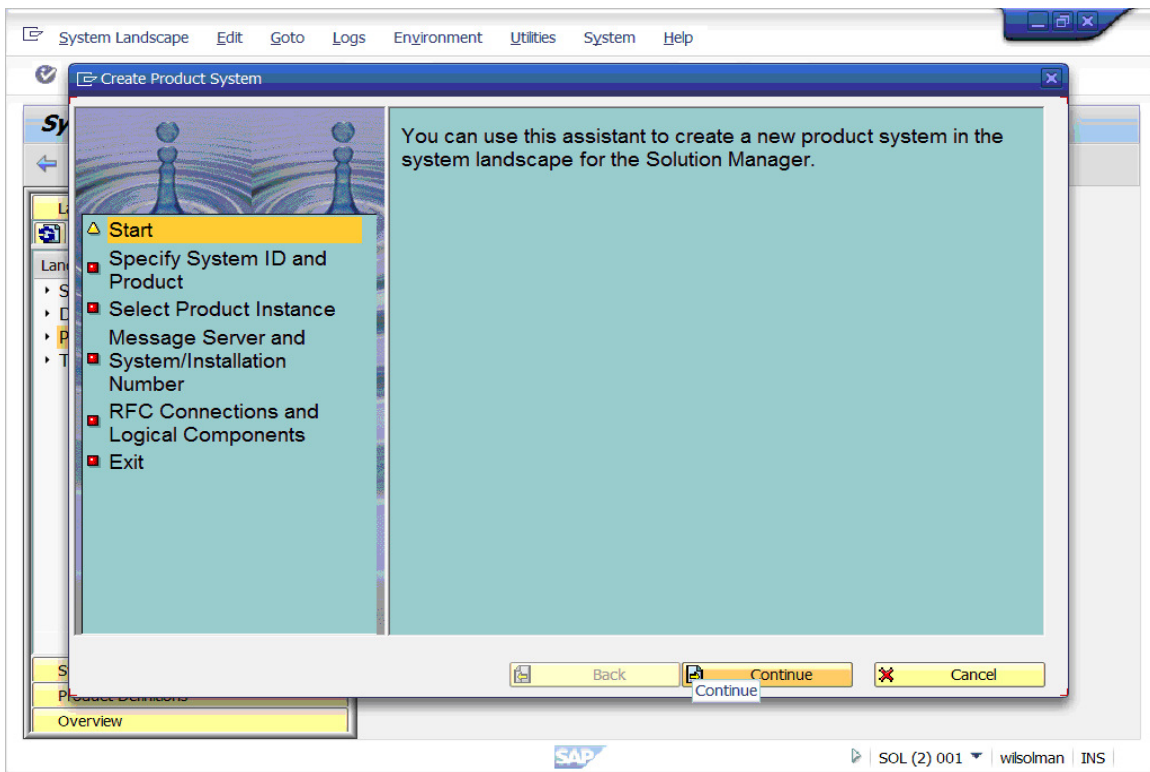


Execute the Transaction Code "SMSY"→

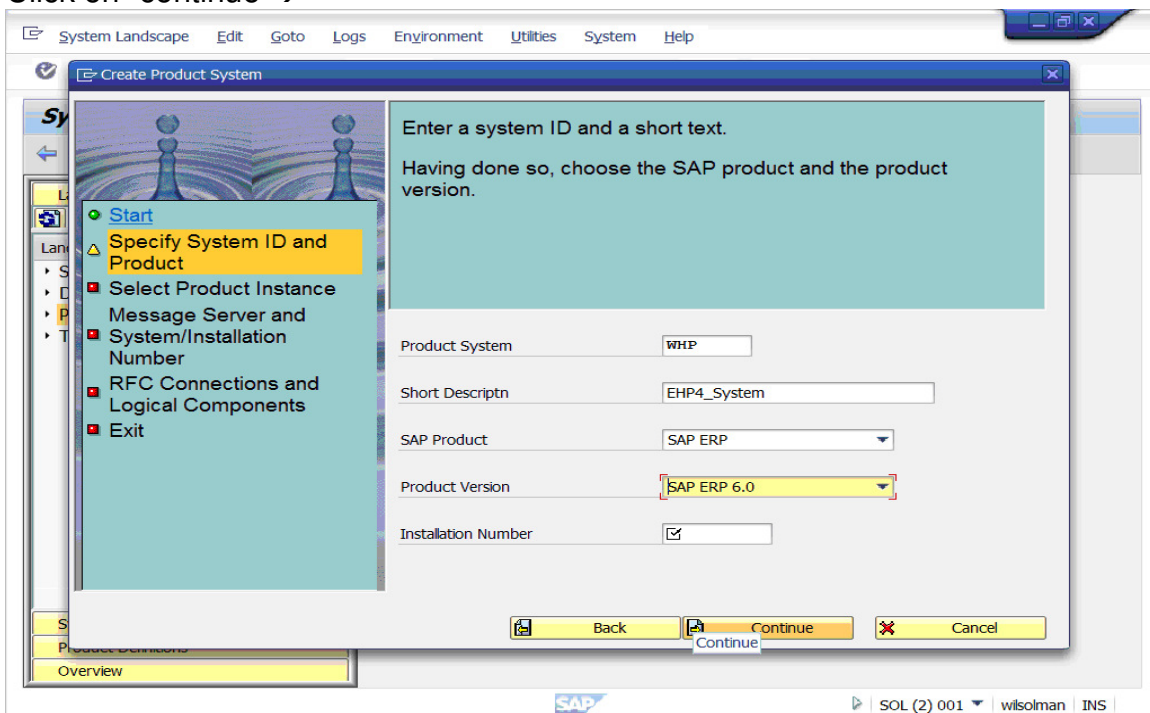


Right Click Product Systems ->Create New Systems with Assistant→

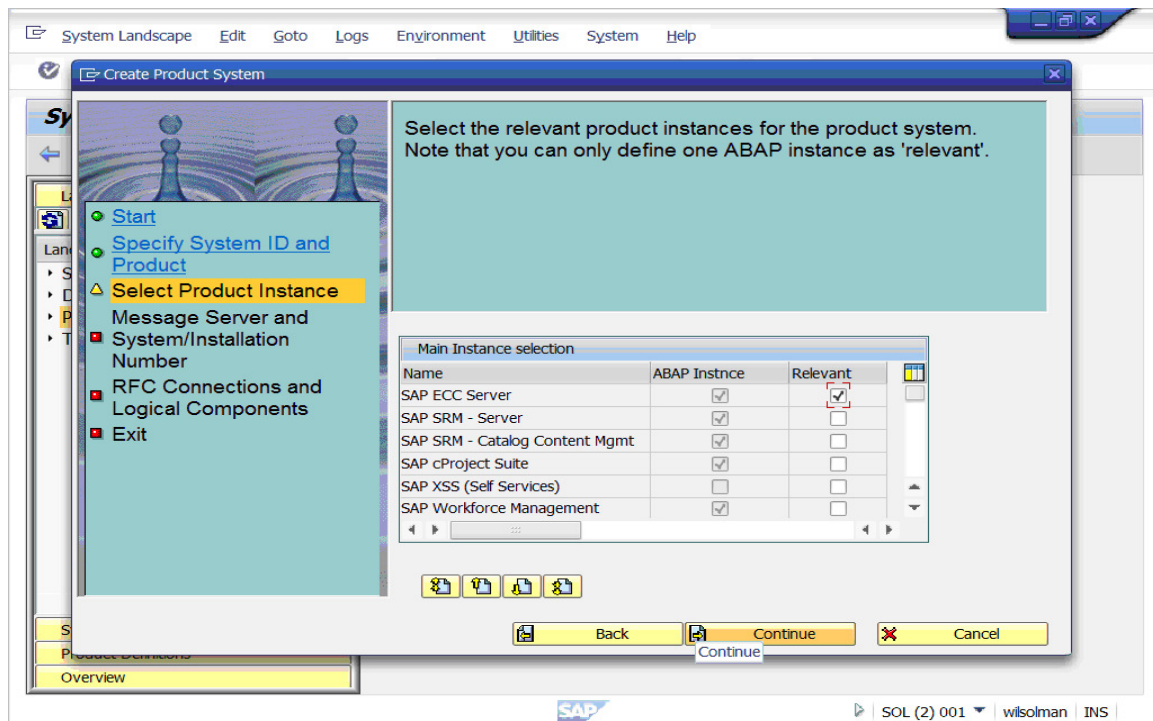




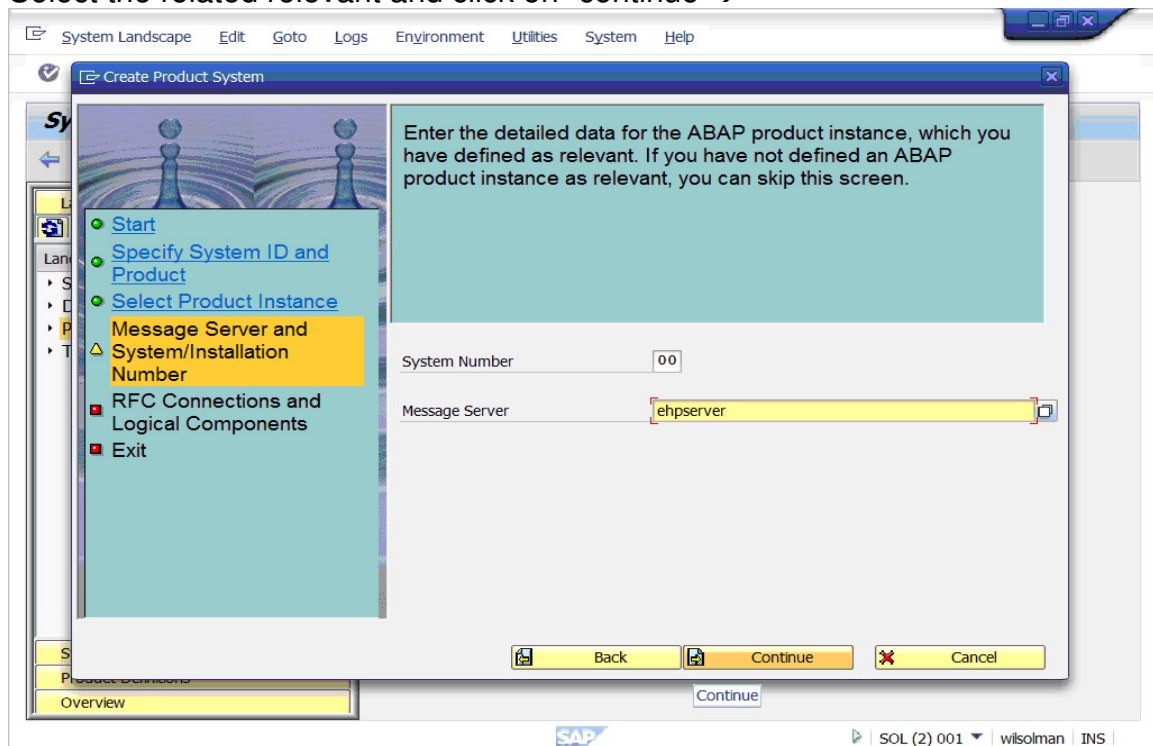
Click on "continue"→



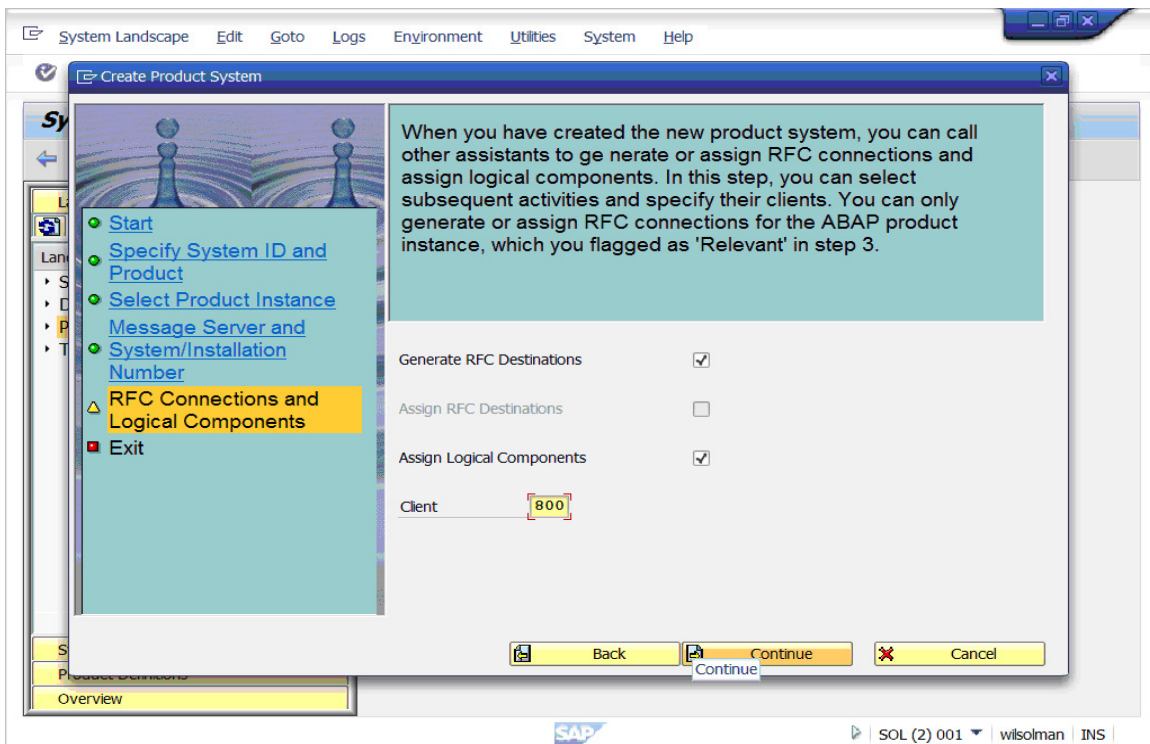
Specify SID, Short description, SAP Product, Product version→Click on "continue"→



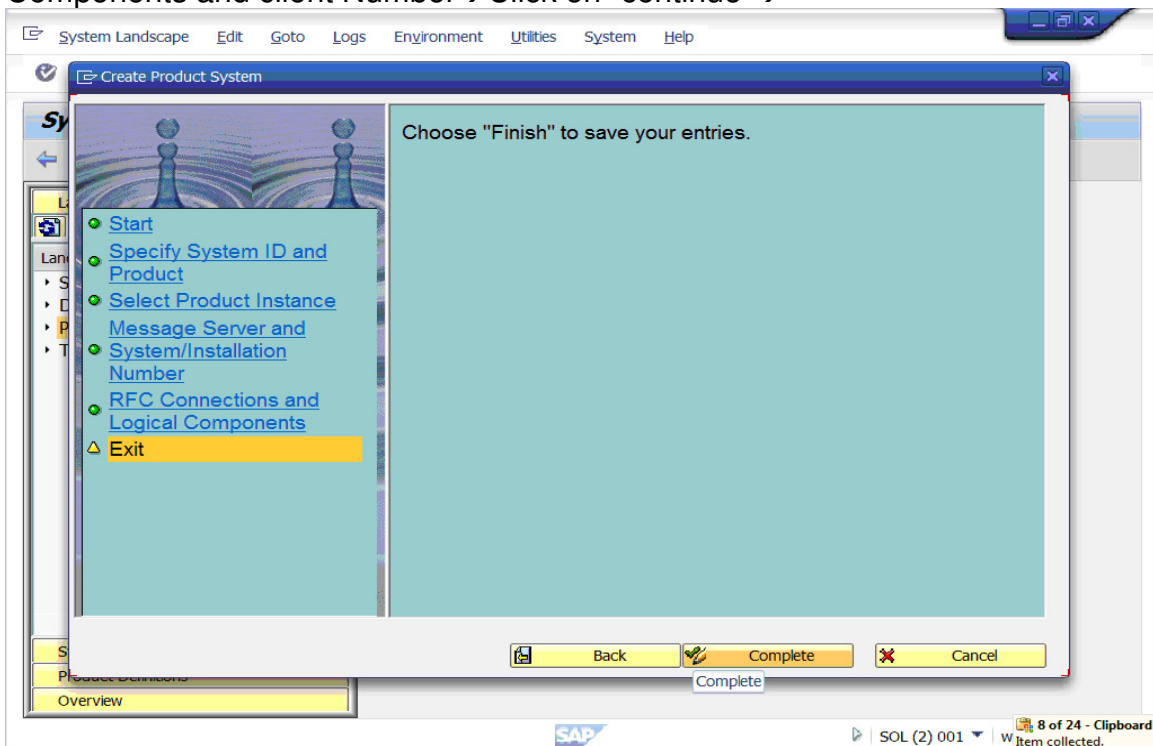
Select the related relevant and click on “continue”→



Give the system number and Message Server (Hostname)→Click on “continue”→

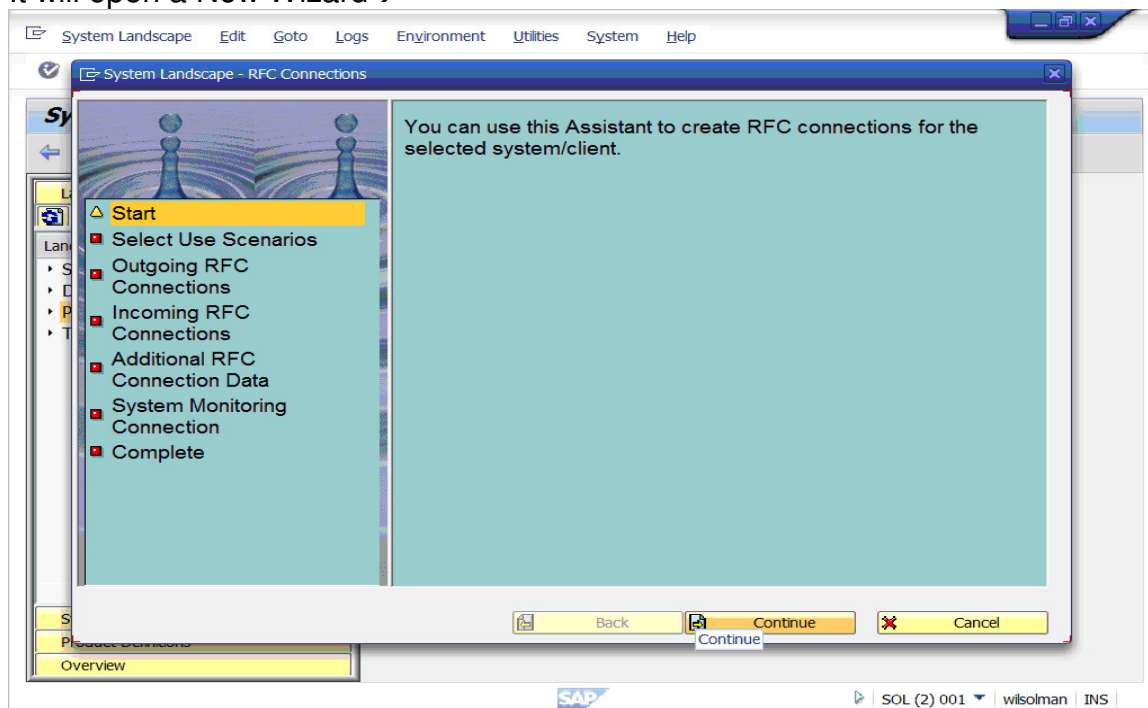


Select the radio buttons for Generate RFC Destinations, Assign Logical Components and client Number→Click on “continue”→

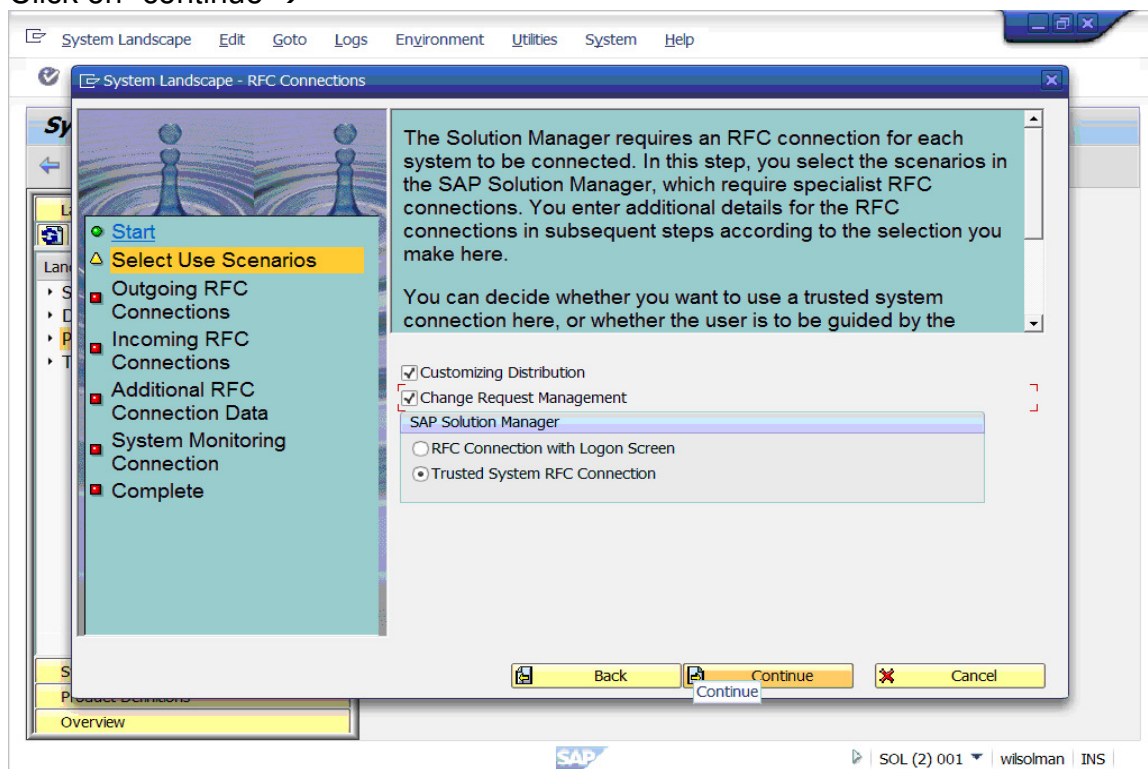


Click on “complete”→

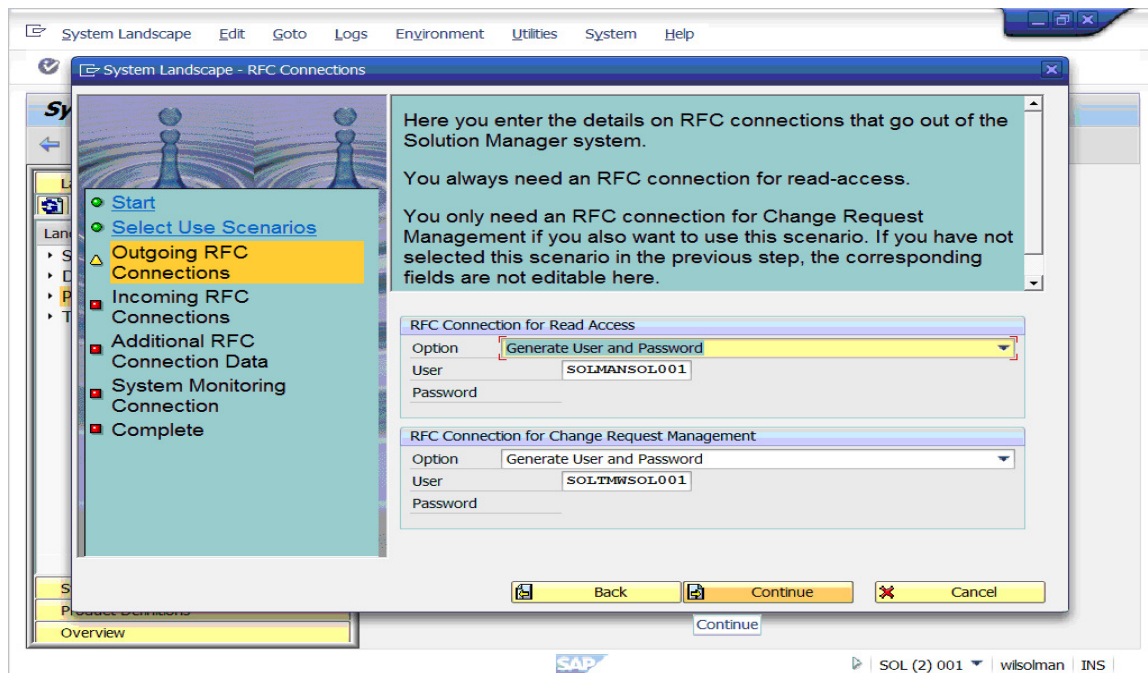
It will open a New Wizard→



Click on “continue”→



Select Customizing Distribution and Change Request Management→

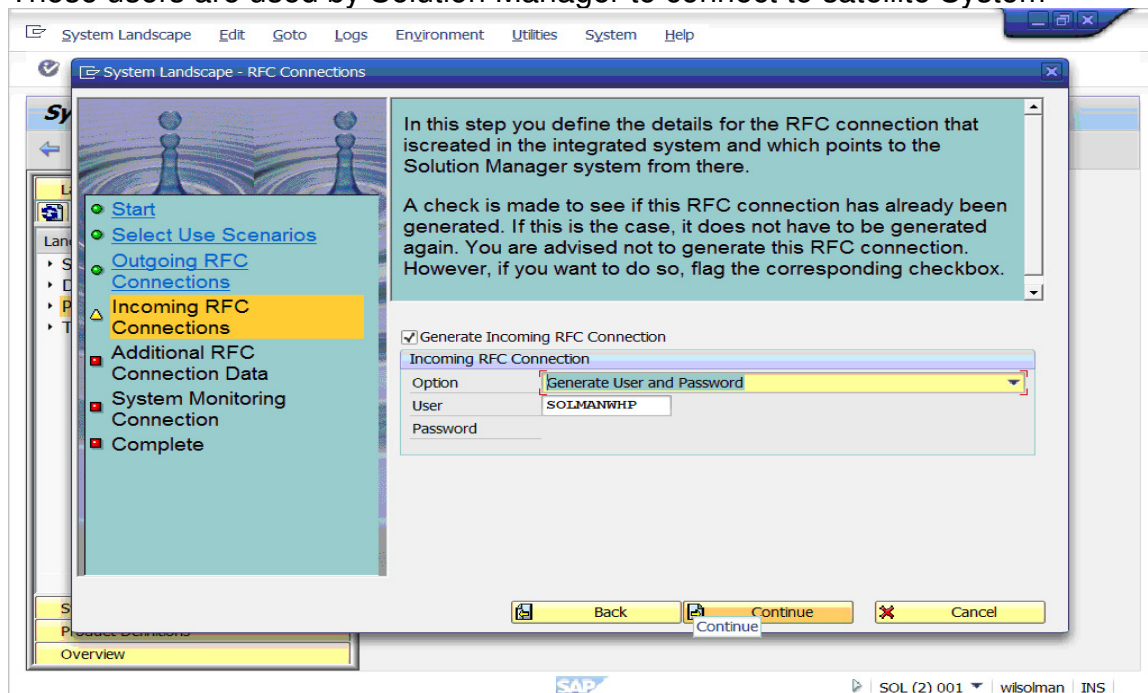


Two User ID's are created in the satellite system (DEV)

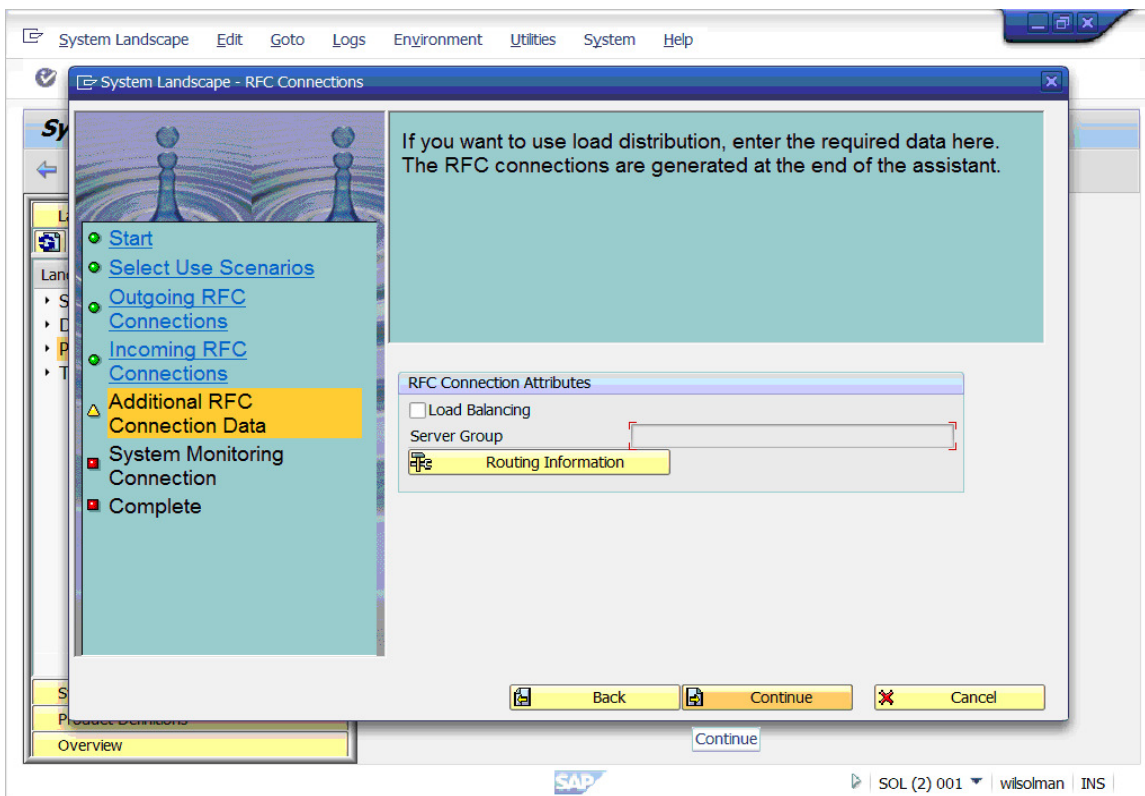
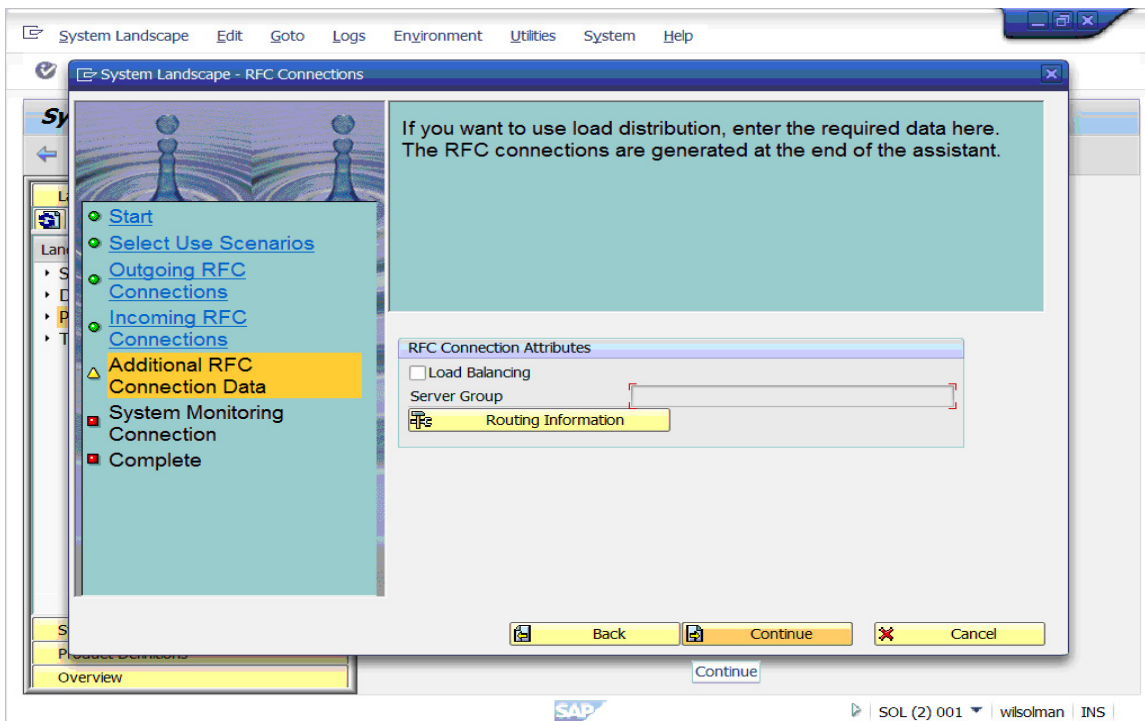
SOLMAN<SID><CLNTNUMBER> (SOLMANSOL001)

SOL<CHARMS>SID<CLNTNUMBER> (SOLTMWSOL001)

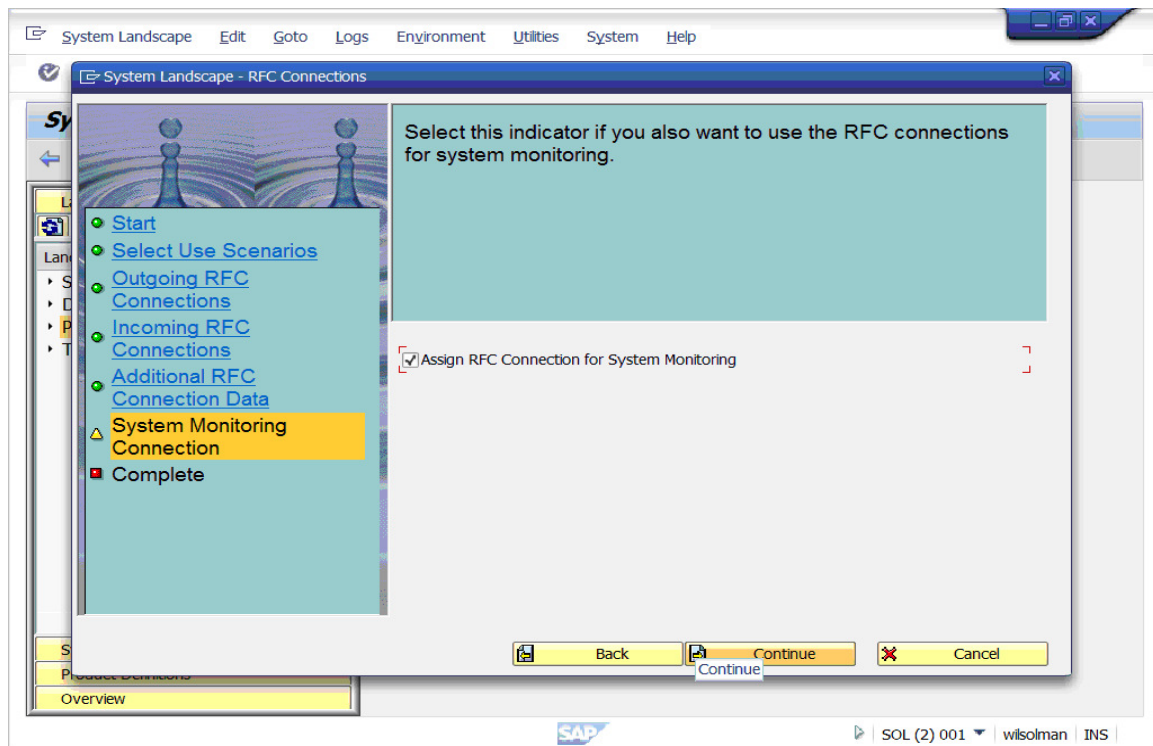
These users are used by Solution Manager to connect to satellite System



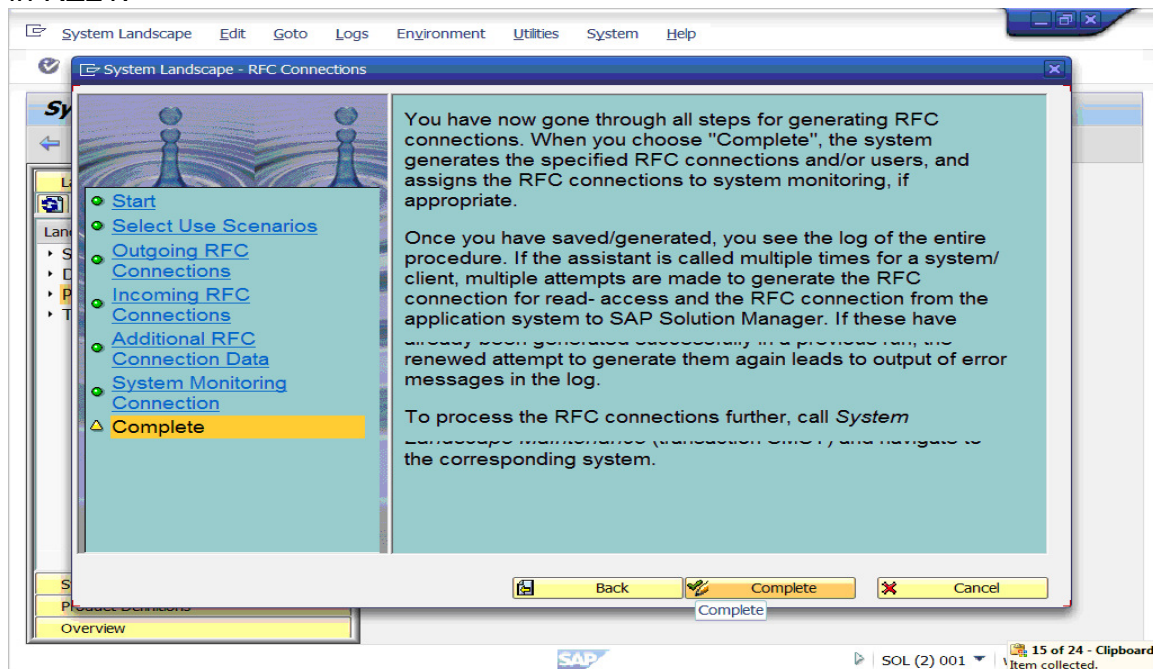
User ID SOLMAN<SID> is created in Solution Manager to connect to Solman from satellite System



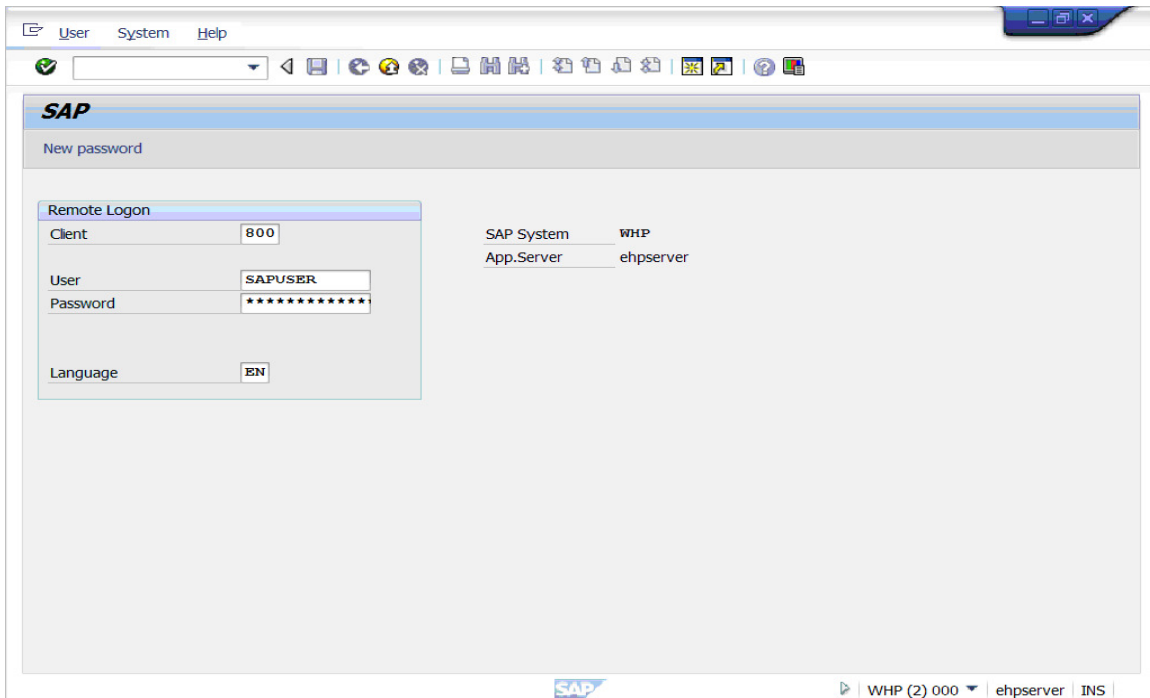
It can be selected if more then one instance is configured



Select Assign RFC Connection for system Monitoring→
Assign RFC Connection for System Monitoring which can be assigned manually in RZ21.

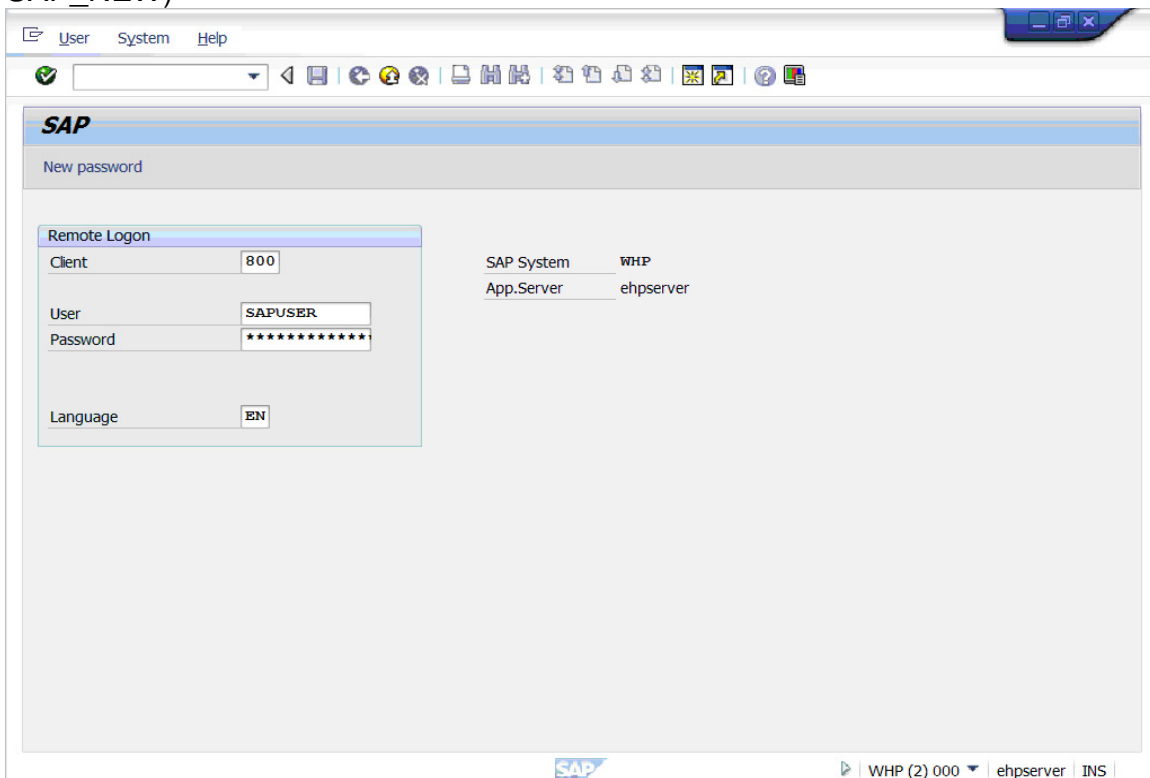


Click on "complete"→

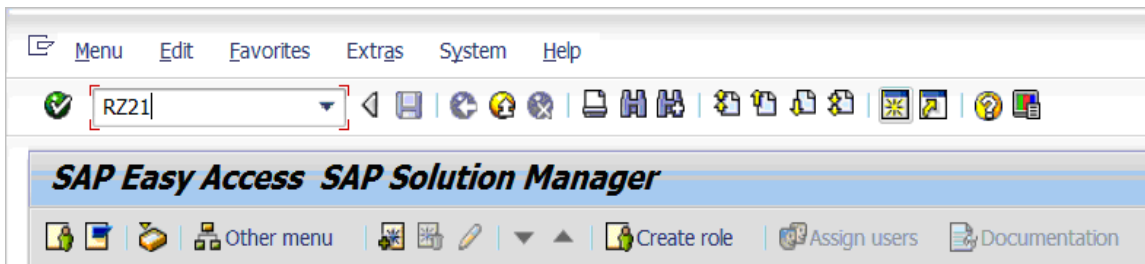
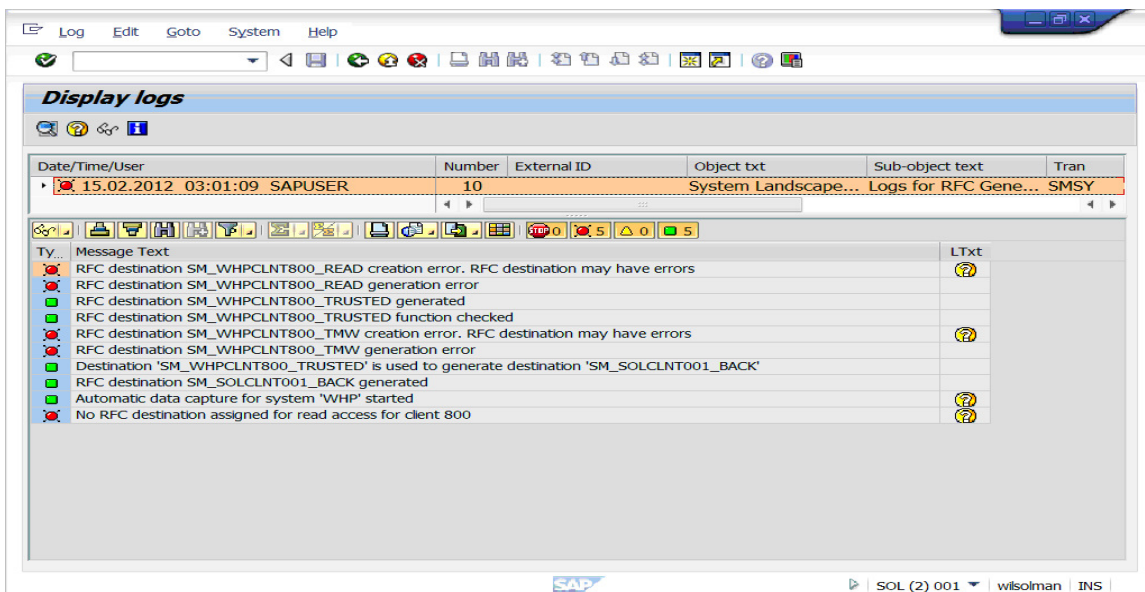
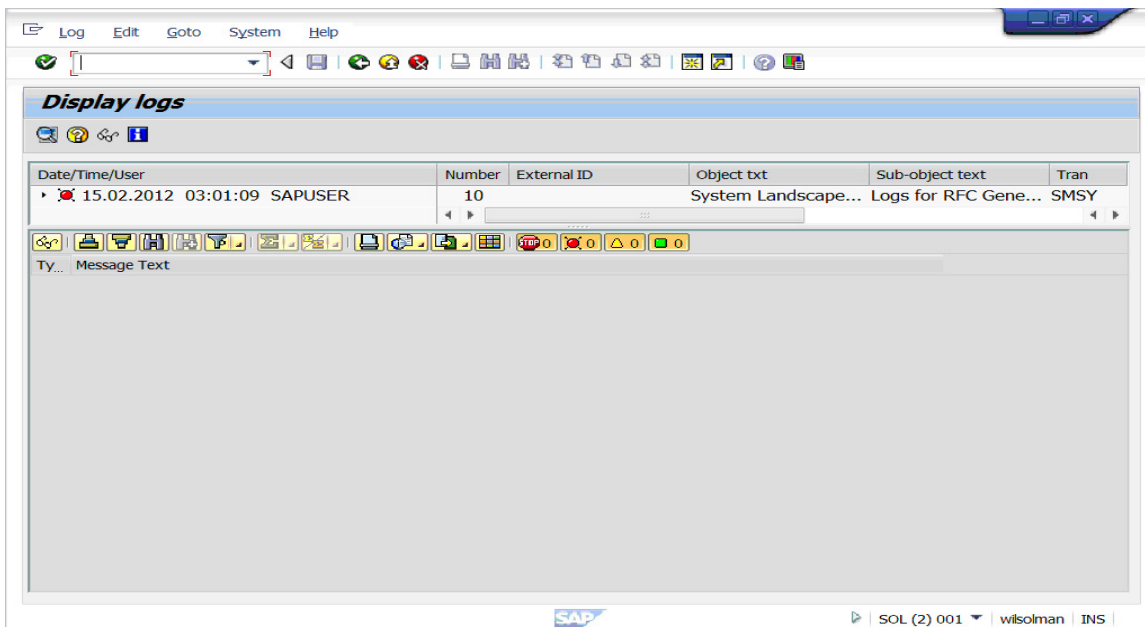


The screenshot shows the SAP Remote Login interface. At the top, there is a menu bar with 'User', 'System', and 'Help'. Below the menu bar is a toolbar with various icons. The main area is titled 'SAP' and 'New password'. On the left, there is a 'Remote Login' section with the following fields: Client (800), User (SAPUSER), Password (masked with asterisks), and Language (EN). On the right, there is a section for 'SAP System' and 'App.Server' with values 'WHP' and 'ehpservers' respectively. At the bottom right, there is a status bar showing 'WHP (2) 000', 'ehpservers', and 'INS'.

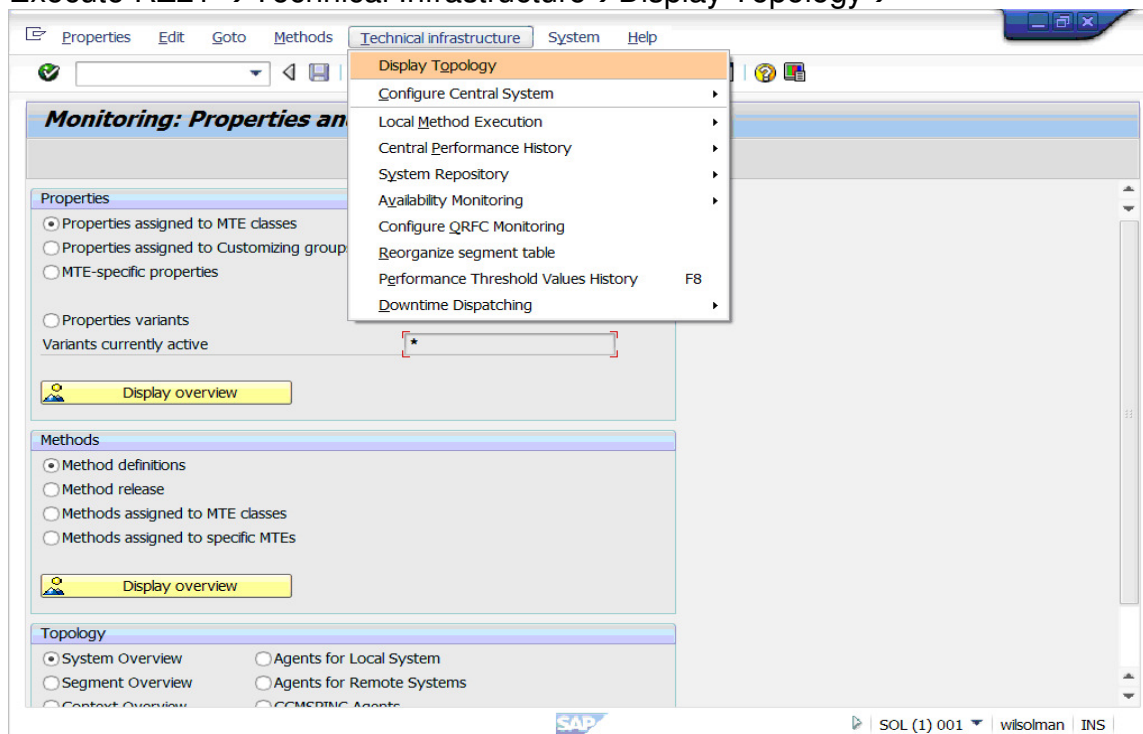
The User Should Contains Authorization Objects S_RFC and S_RFCACL in the Role. These Objects does not comes with Standard Profiles (SAP_ALL and SAP_NEW)



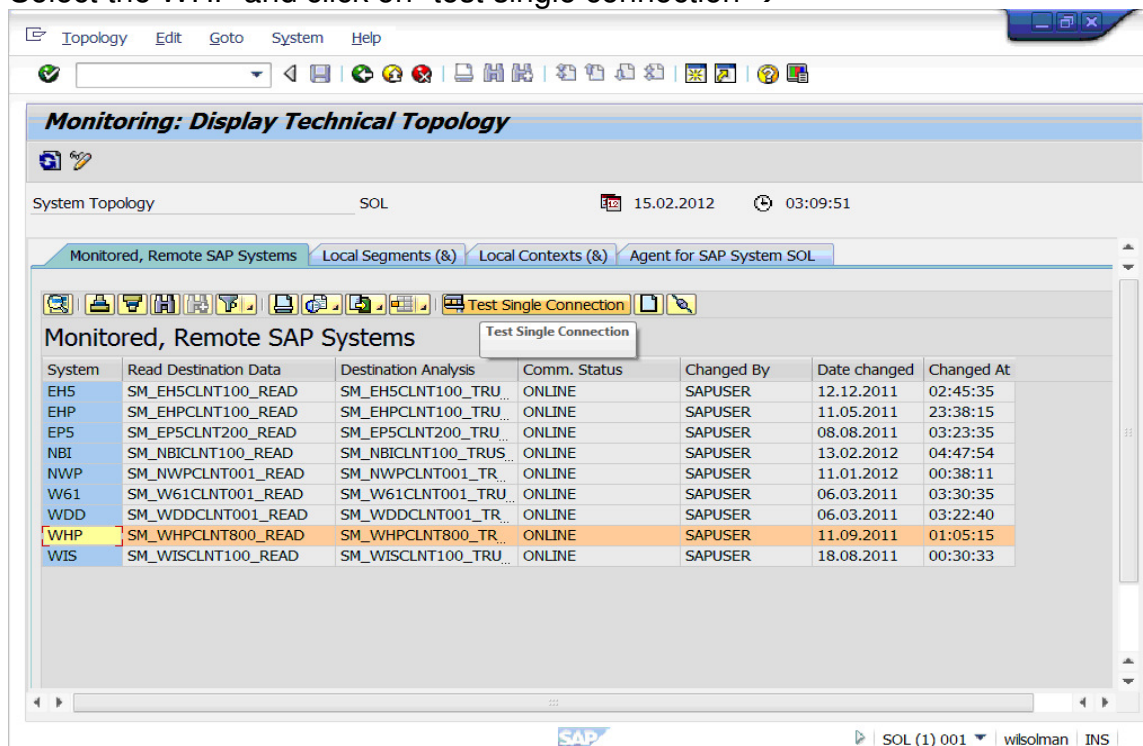
This is a duplicate of the screenshot above, showing the SAP Remote Login interface with the same fields and layout.

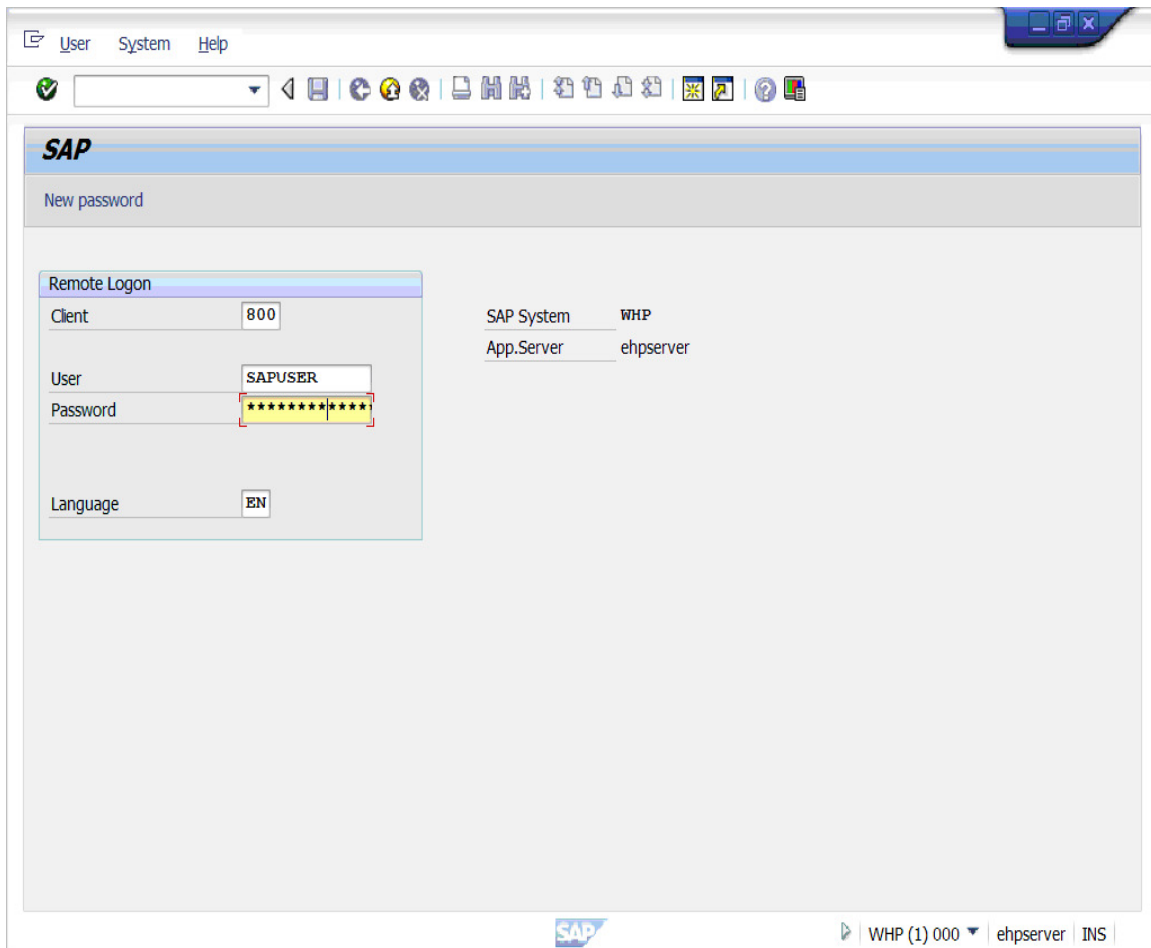


Execute RZ21 → Technical Infrastructure → Display Topology →



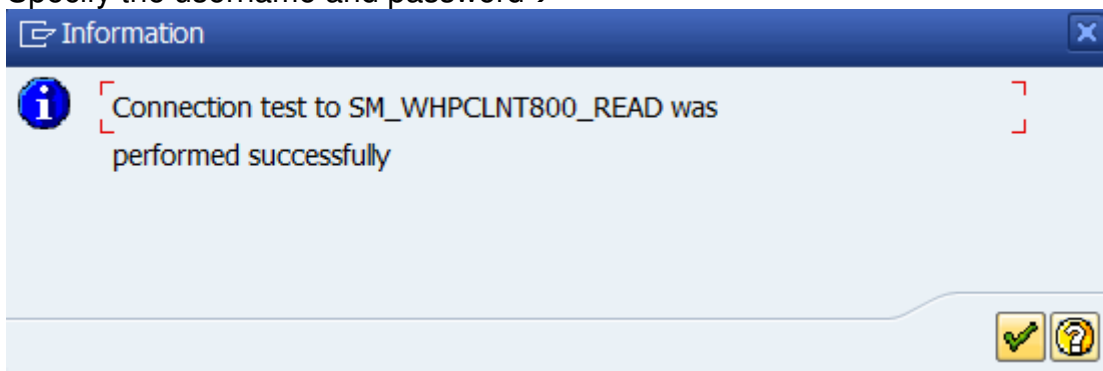
Select the WHP and click on “test single connection” →





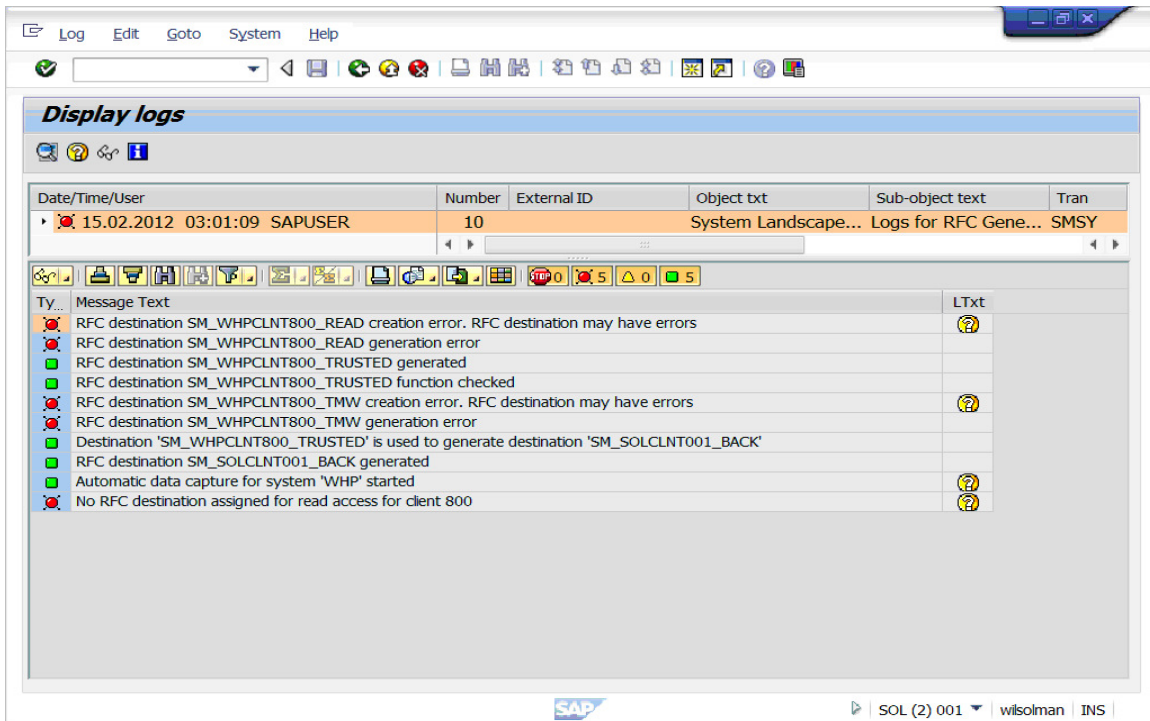
The screenshot shows the SAP Remote Logon window. The title bar includes 'User', 'System', and 'Help' menus. Below the title bar is a toolbar with various icons. The main content area is titled 'SAP' and 'New password'. On the left, there is a 'Remote Logon' section with the following fields: 'Client' (800), 'User' (SAPUSER), 'Password' (masked with asterisks), and 'Language' (EN). On the right, there is a table showing 'SAP System' as 'WHP' and 'App.Server' as 'ehpservers'. At the bottom right, there is a status bar with 'WHP (1) 000', 'ehpservers', and 'INS'.

Specify the username and password→



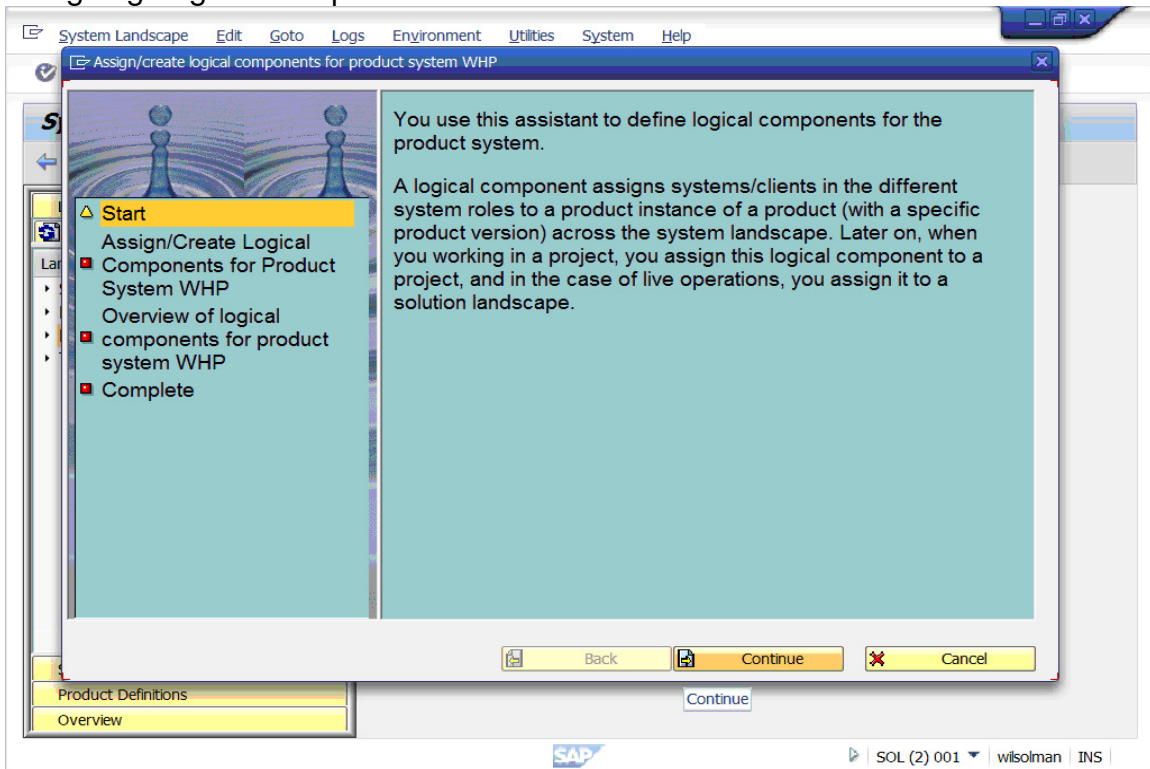
The screenshot shows an 'Information' dialog box with a blue header bar. It contains an information icon (i) and a message: 'Connection test to SM_WHPCLNT800_READ was performed successfully'. At the bottom right, there are two icons: a green checkmark and a question mark.

Click on "ok"→

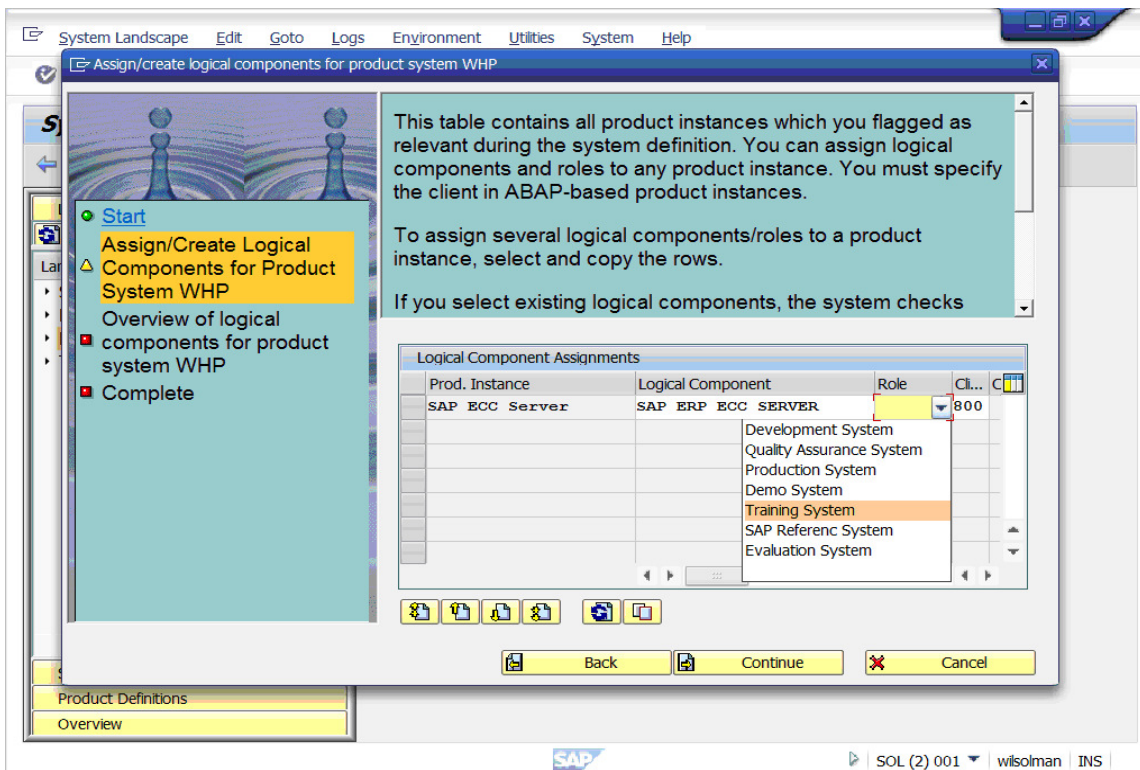


Click on “back” button→

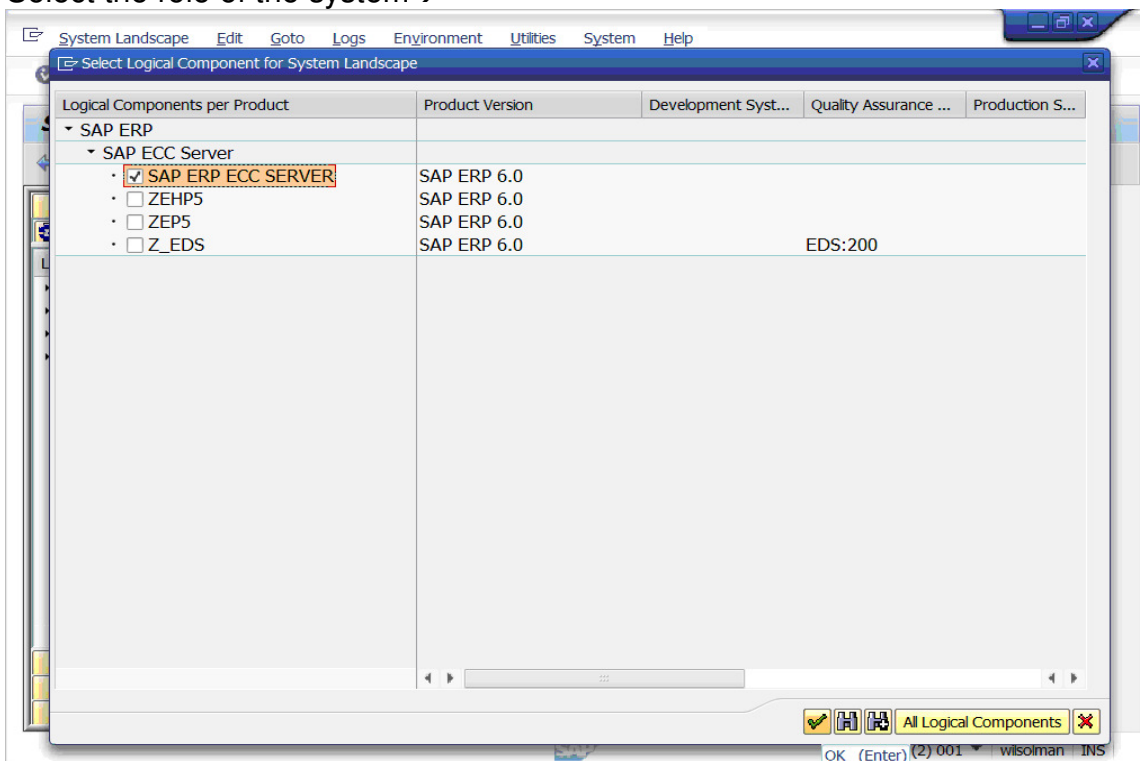
Assigning Logical Components



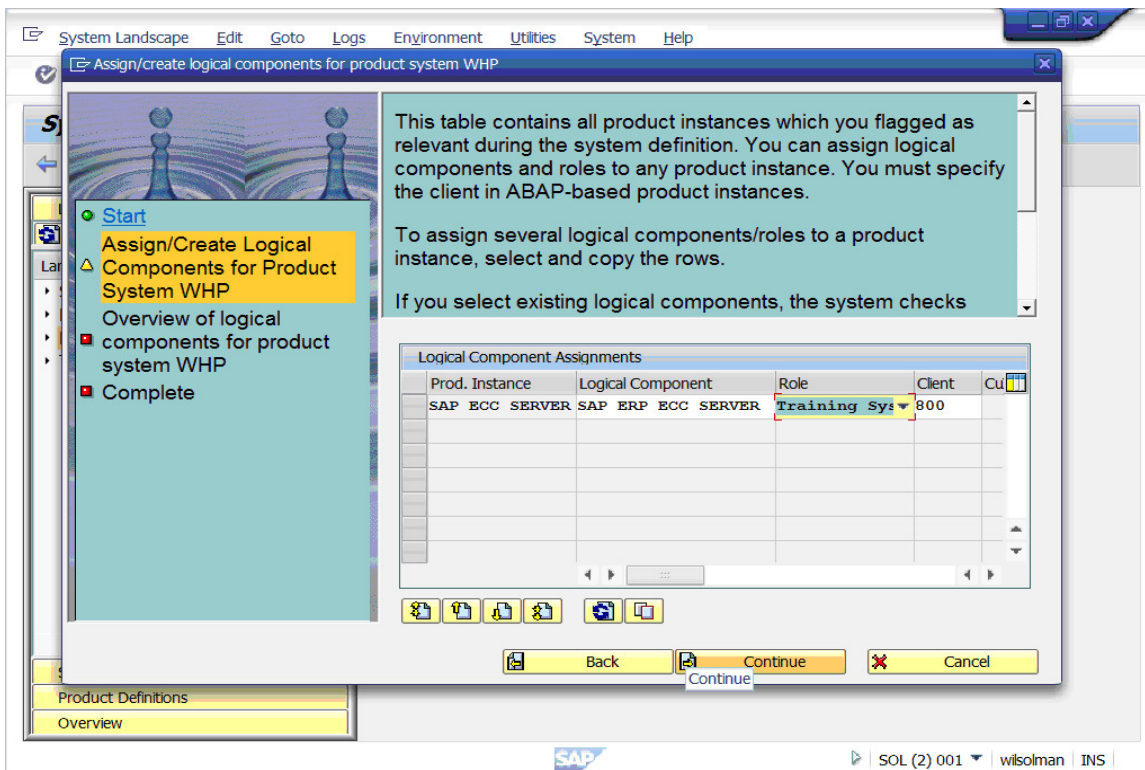
Click on “continue”→



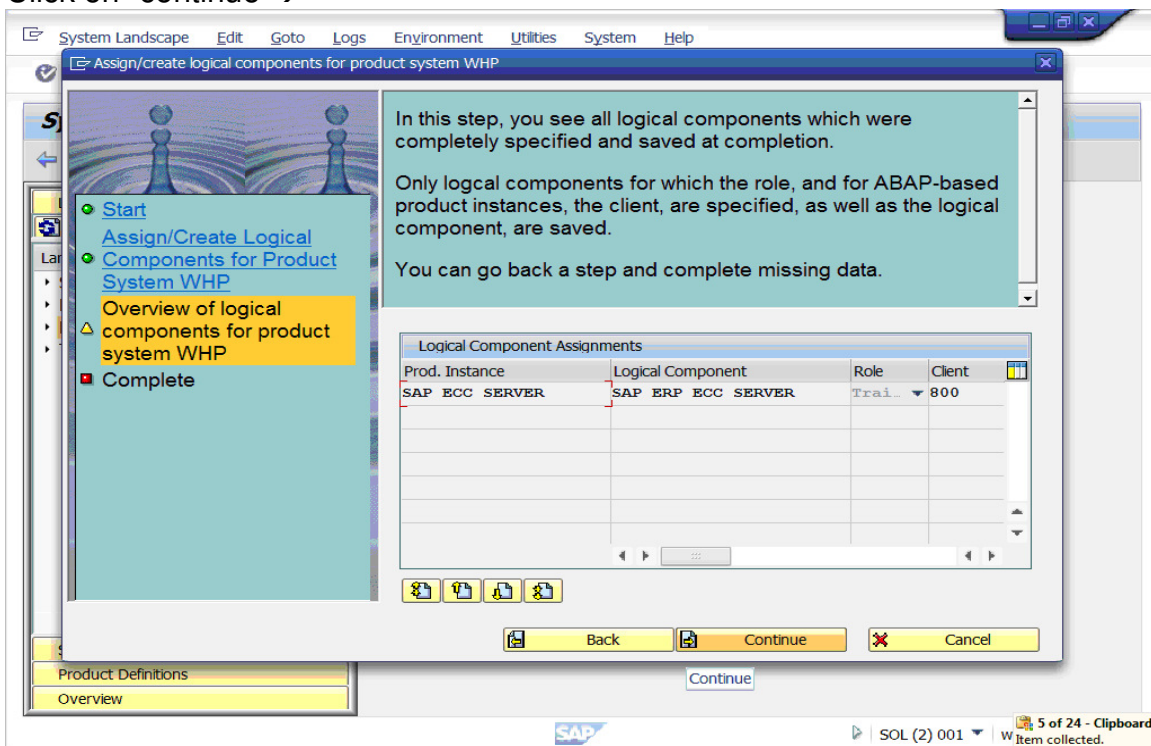
Select the role of the system→



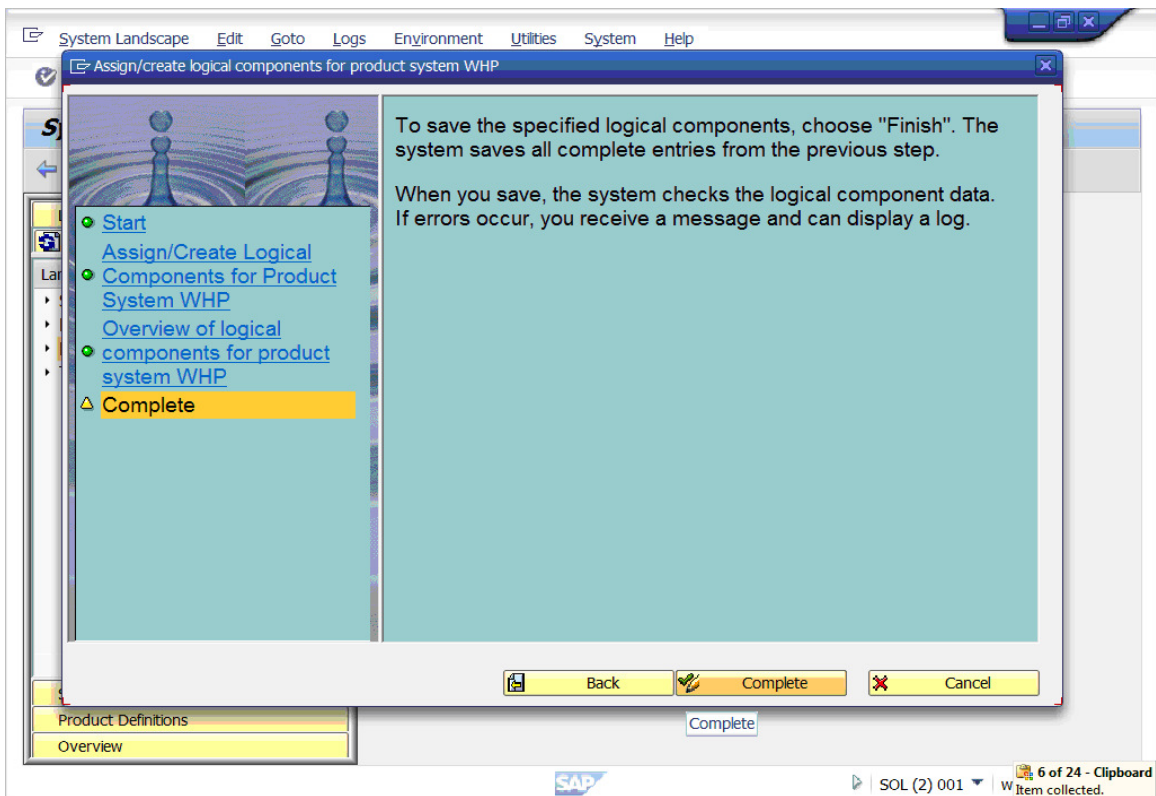
Select the Logical Component and click on "ok"→



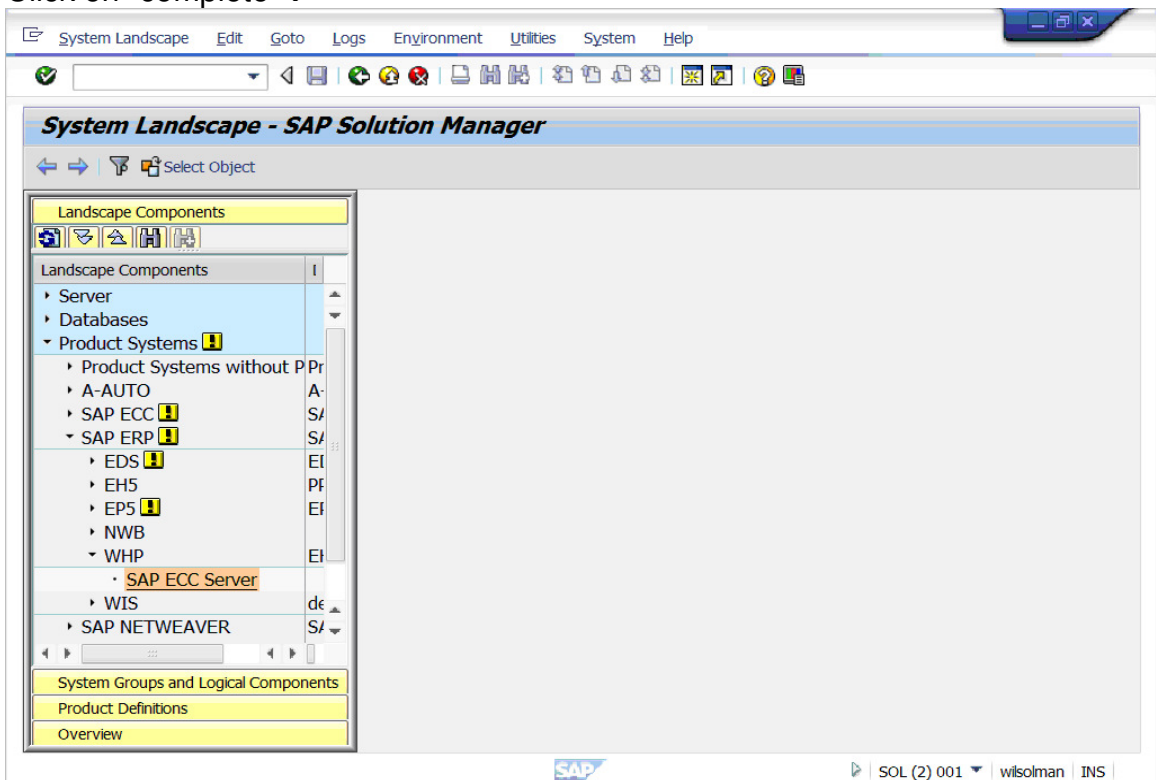
Click on "continue"→



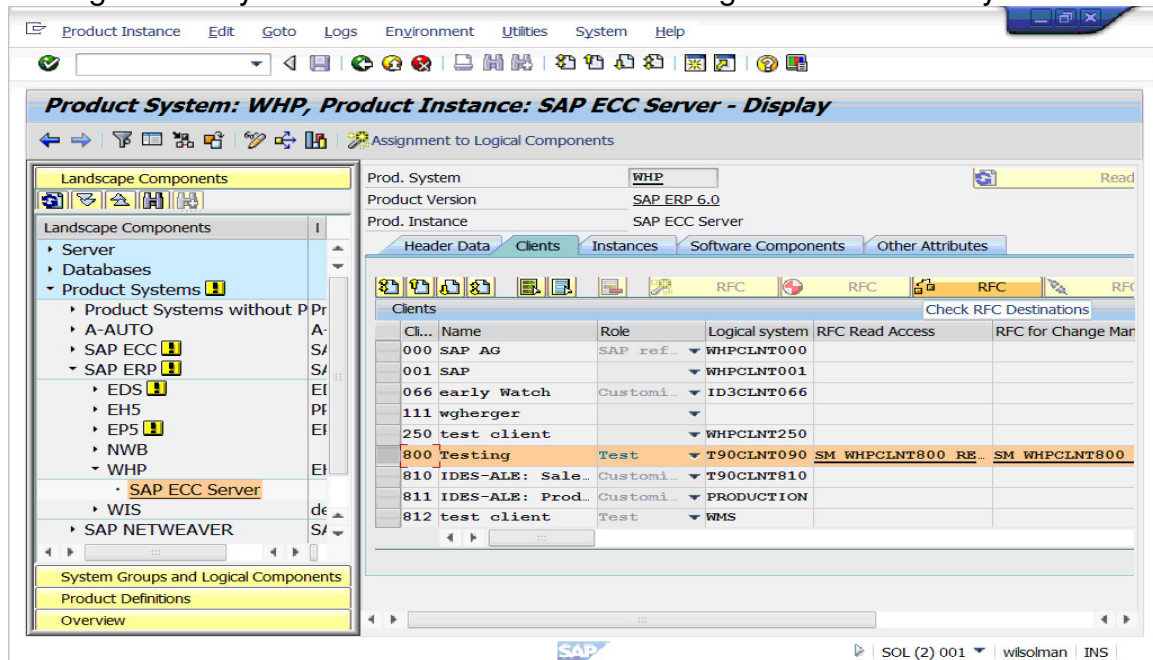
Click on "continue"→



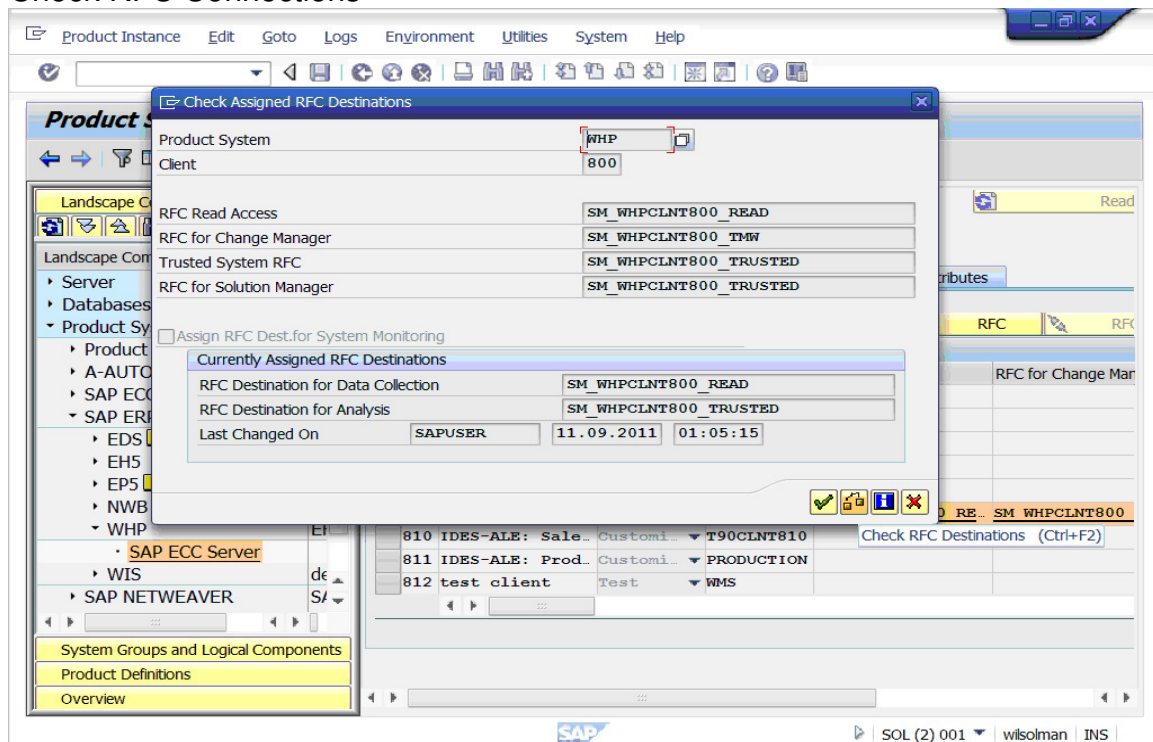
Click on “complete”→



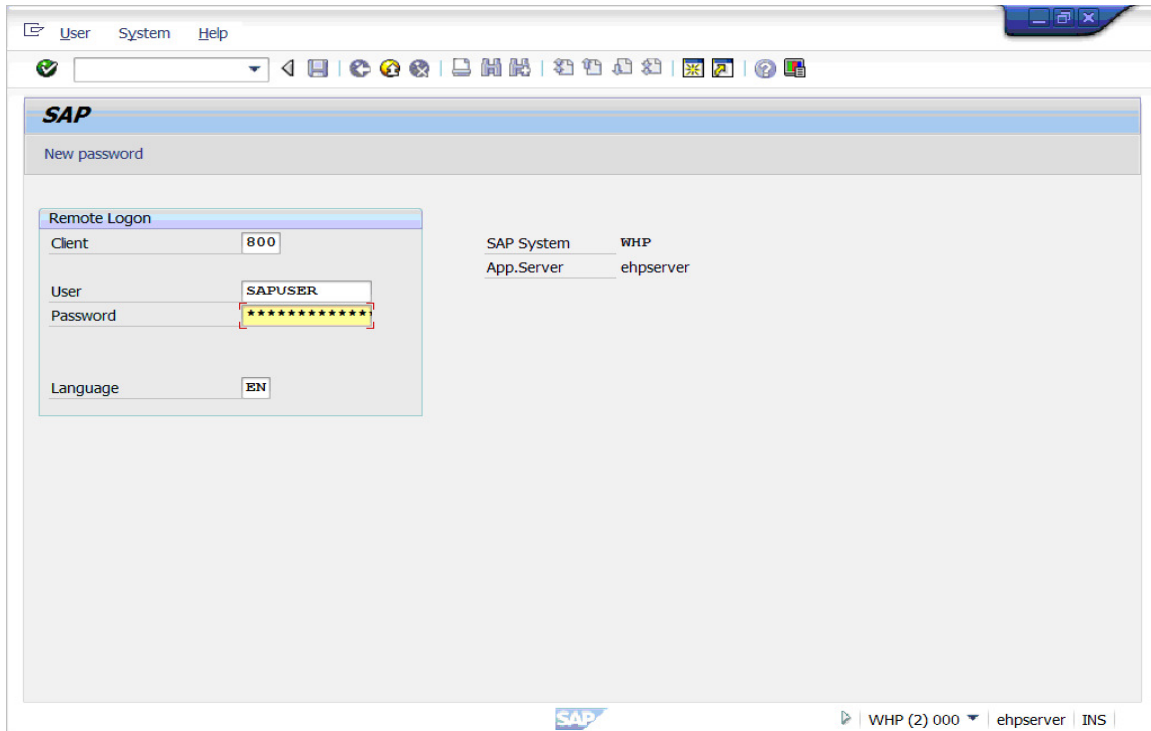
Request for the userid and password for login to create users and RFC
It prompts to login to satellite system for three times and one time to solution manager. The System is created in Solution Manager as a satellite System



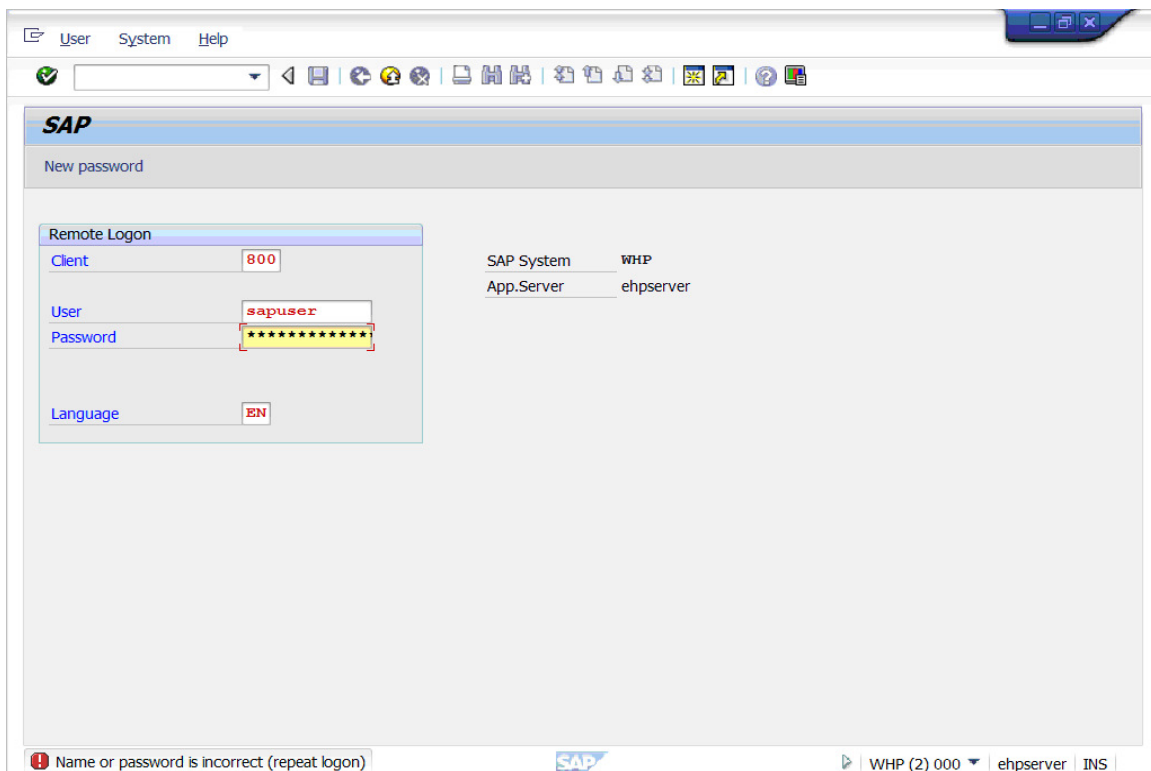
Select the client and click on check RFC Destinations→
Check RFC Connections



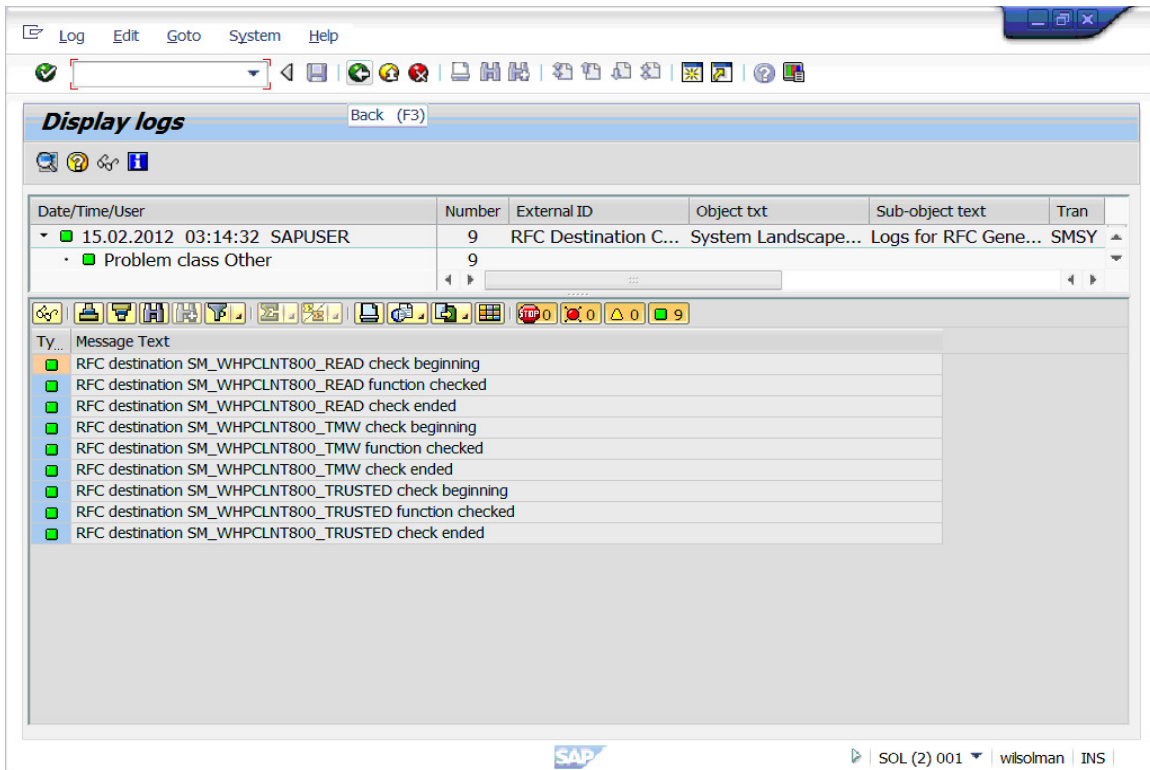
Click on “check RFC Destinations”→



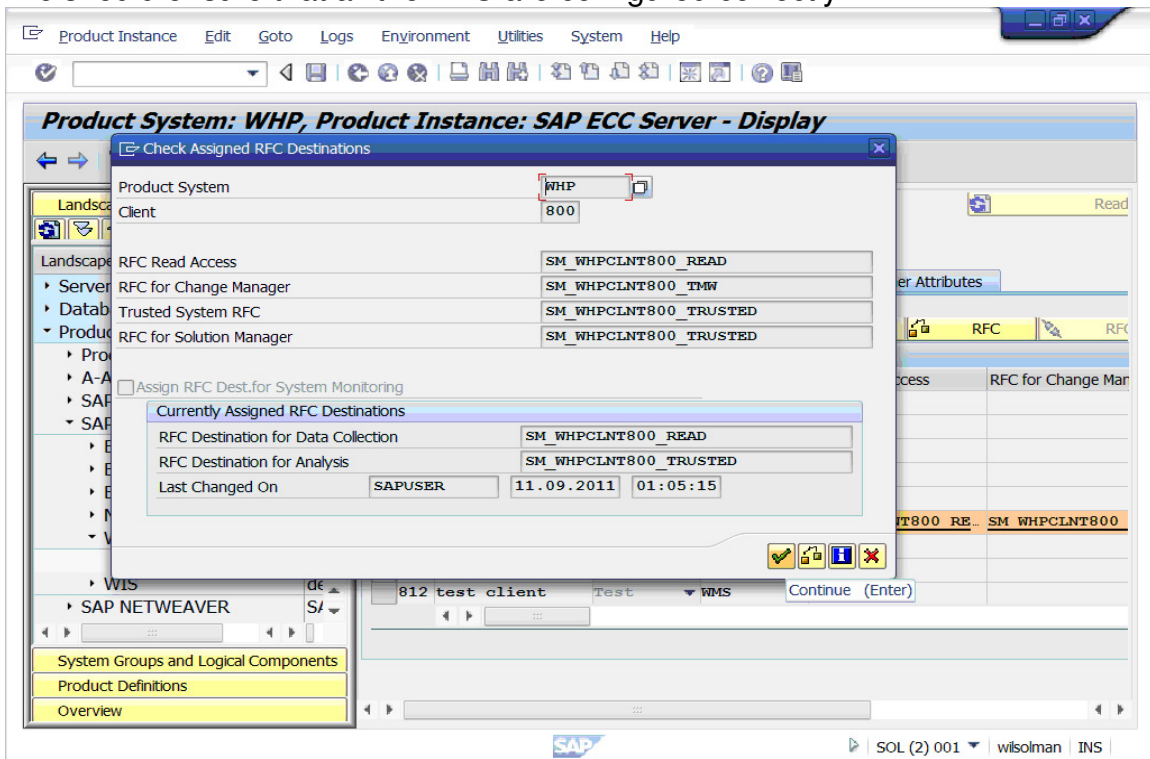
This screenshot shows the SAP Remote Logon interface. The 'Client' field is set to '800', 'User' is 'SAPUSER', 'Password' is masked with asterisks, and 'Language' is 'EN'. To the right, 'SAP System' is 'WHP' and 'App.Server' is 'ehpservers'. The status bar at the bottom indicates 'WHP (2) 000 | ehpservers | INS'.



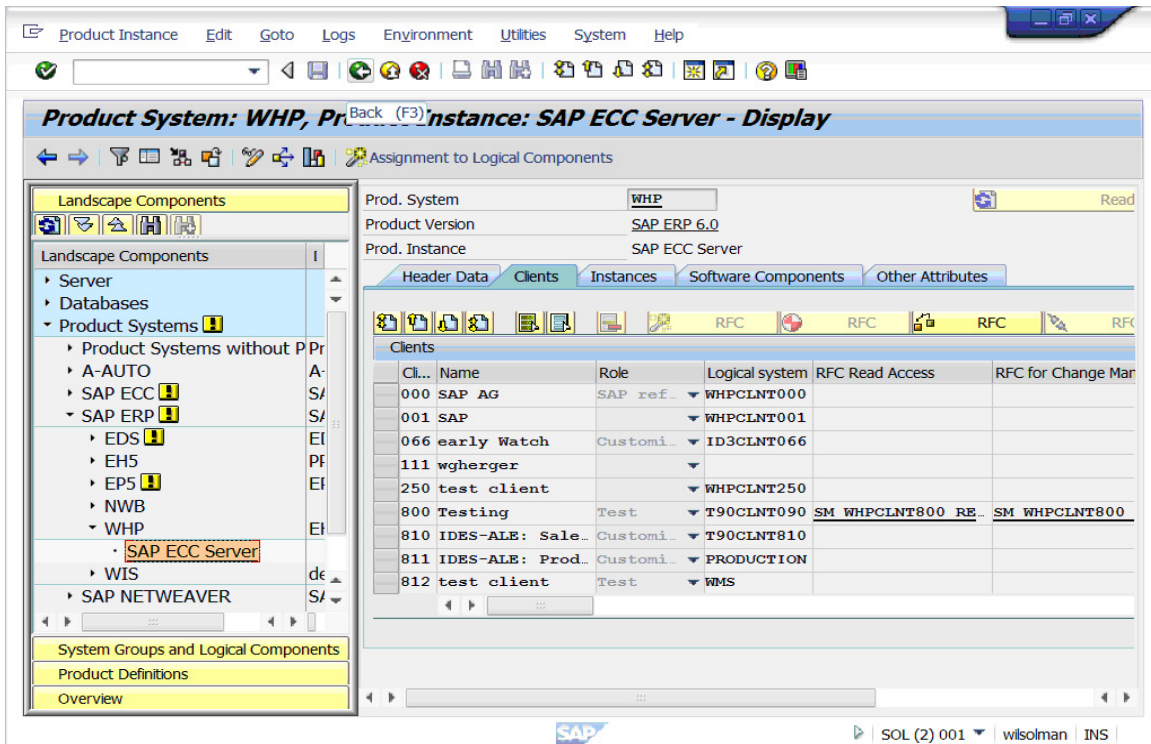
This screenshot shows the same SAP Remote Logon interface, but with the 'User' field changed to 'sapuser'. A red error message at the bottom left states: 'Name or password is incorrect (repeat logon)'. The status bar at the bottom remains 'WHP (2) 000 | ehpservers | INS'.



We should ensure that all the RFC are configured correctly.



Click on "continue"→



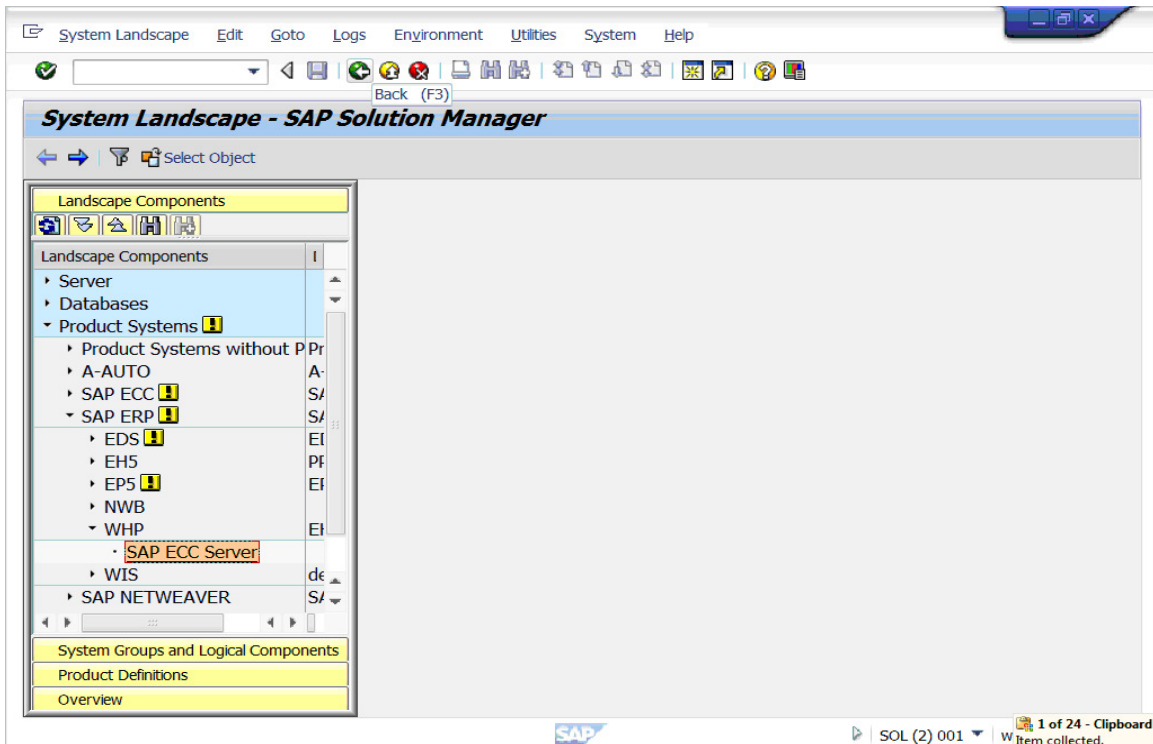
Product System: WHP, Product Instance: SAP ECC Server - Display

Prod. System: WHP
Product Version: SAP ERP 6.0
Prod. Instance: SAP ECC Server

Header Data | Clients | Instances | Software Components | Other Attributes

Cl...	Name	Role	Logical system	RFC Read Access	RFC for Change Man
000	SAP AG	SAP ref..	WHPCLNT000		
001	SAP		WHPCLNT001		
066	early Watch	Customi..	ID3CLNT066		
111	wgherger				
250	test client		WHPCLNT250		
800	Testing	Test	T90CLNT090	SM WHPCLNT800 RE..	SM WHPCLNT800
810	IDES-ALE: Sale..	Customi..	T90CLNT810		
811	IDES-ALE: Prod..	Customi..	PRODUCTION		
812	test client	Test	WMS		

SOL (2) 001 | wilsolman | INS



System Landscape - SAP Solution Manager

System Landscape Components

- Server
- Databases
- Product Systems
 - Product Systems without P Pr
 - A-AUTO
 - SAP ECC
 - SAP ERP
 - EDS
 - EH5
 - EP5
 - NWB
 - WHP
 - SAP ECC Server**
 - WIS
 - SAP NETWEAVER

SOL (2) 001 | 1 of 24 - Clipboard Item collected.

The satellite System is configured successfully.

Related Content:

www.help.sap.com

www.sdn.sap.com/irj/sdn/index.

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