

# Solution Manager Diagnostics Setup



## Applies to:

SAP NetWeaver Solution Manager 7.0 Solution Manager Diagnostics.

## Summary

This document clearly explains the step-by-step procedure for the setup of Solution Manager Diagnostics. It goes beyond the scope of the configuration guide for Solution Manager Diagnostics and also explains the configuration of end-to-end root cause analysis and SMD Agent Configuration.

**Author:** Ajay Kande

**Company:** Accenture Services Private Ltd

**Created on:** 05 June 2008

## Author Bio



Ajay Kande has around 3+ years of experience in software as SAP Netweaver Technical Consultant in the areas of EP,XI and Solution Manager. Working for Accenture Services Pvt Ltd from past 2 years.

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## 1 Introduction

This Document clearly explains the step by step procedure for setup of Solution Manager Diagnostics.

Before starting this setup, make sure the following are installed:

- 1) Installing Introscope Enterprise Manager on SMD Server
- 2) Introscope-enabling SAP J2EE Systems (Agent Installation) on managed system

Follow the guide **Wily Introscope 7.1 - Installation Guide** from the location

<https://service.sap.com/solutionmanager> -> Installation Guides -> Release 4.0

- 3) SMD Agents on Managed systems

Follow the guide **Diagnostics Agent Setup Guide** from the location

<https://service.sap.com/diagnostics> --> Installations and Configurations

### Terminology

**Managing System** is used for referring SAP Solution Manager system

**Managed System** is used for referring a satellite system connected to SAP Solution Manager.

## 2. Requirements (Hardware and Software)

### 2.1 Managing System

Refer the following document available at service market place:

[service.sap.com/solutionmanager](https://service.sap.com/solutionmanager) -> Order Information -> Technical Requirements

### 2.2 Managed System

The requirements for the Managed systems are defined in SAP Note 1061383

### 2.3 CA Wily Enterprise Manager

Operation System Platforms supported for CA Wily Introscope:

- AIX 32bits/64bits
- HP-UX (PA-RISC, IA 32-bit, IA 64bit)
- Linux (IA 32-bit, x86\_64 64 bits)
- OS/400
- Solaris
- Windows 2000, Server 2003 on IA 32-bit

Windows Server on IA64 64bit

If you run SAP Solution Manager on a different platform, you need to install CA Wily

Enterprise Manager on a separate server with an Operating System supported by Introscope

### 3 Implementing End-to-End Diagnostics

The first step for implementing E2E Diagnostics is to perform the following configuration tasks on Solution Manager Server.

#### 3.1 Deploy SMD Server Package

Deploy the latest LMSERVICE<version>.sca file using SDM which is available on Service Marketplace. Location of this file at SMP:

service.sap.com/swdc → Download → [SAP Support Packages](#) → [Entry by Application Group](#) → [SAP Technology Components](#) → [Support Packages and Patches](#) → [SAP Technology Components](#) → [SAP SOLUTION MANAGER](#) → [SAP SOLUTION MANAGER 4.0](#) [Entry by Component](#) [Solution Manager Diagnostics](#) → [SolManDiag 7.0](#) → [OS independent](#) → [LMSERVICE<version>.SCA](#)

#### 3.2 Deploy IS Agent Software

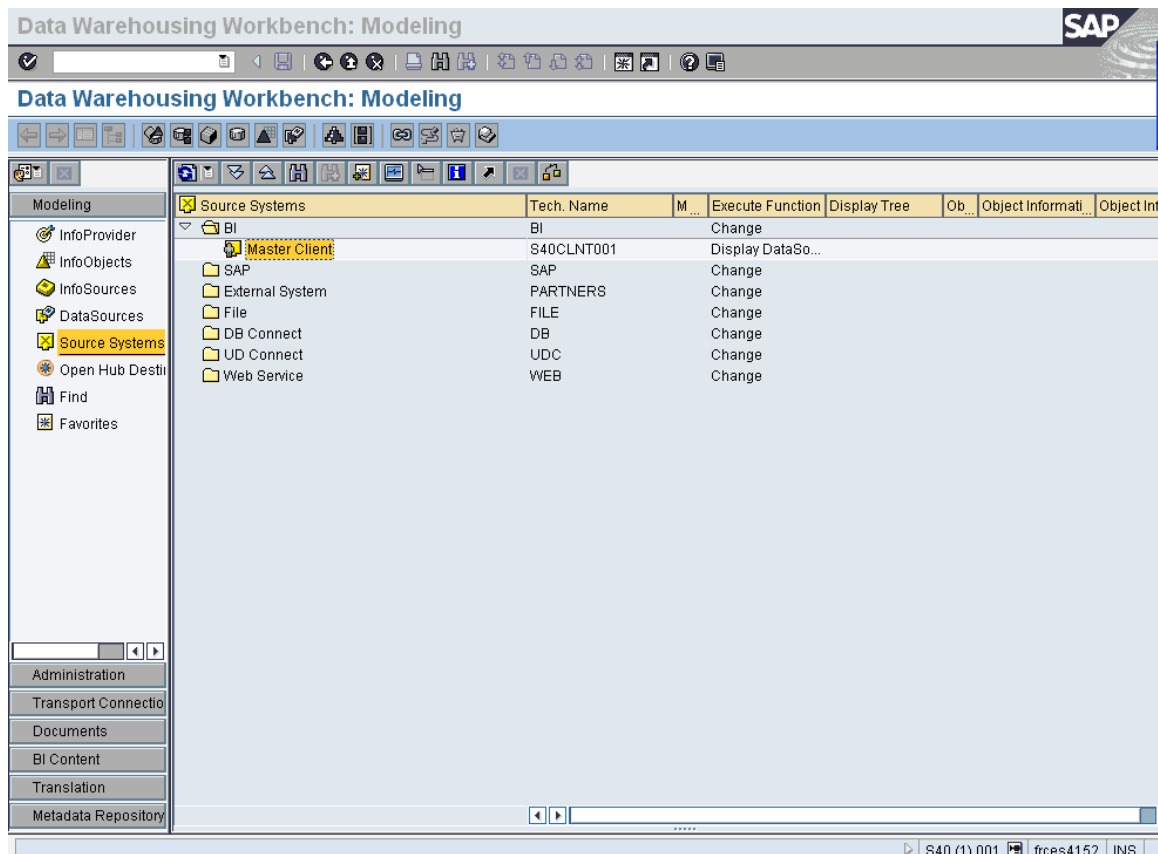
Deploy the latest ISAGENT <version>.sca file using SDM which is available on Service Marketplace. Location of this file at SMP:

service.sap.com/swdc → Download → [SAP Support Packages](#) → [Entry by Application Group](#) → [SAP Technology Components](#) → [Support Packages and Patches](#) → [SAP Technology Components](#) → [SAP SOLUTION MANAGER](#) → [SAP SOLUTION MANAGER 4.0](#) → [Entry by Component](#) → [Agents for Satellite](#) → [Wily Introscope Agent 7.1](#) → [OS independent](#) → [ISAGENT<version>.SCA](#)

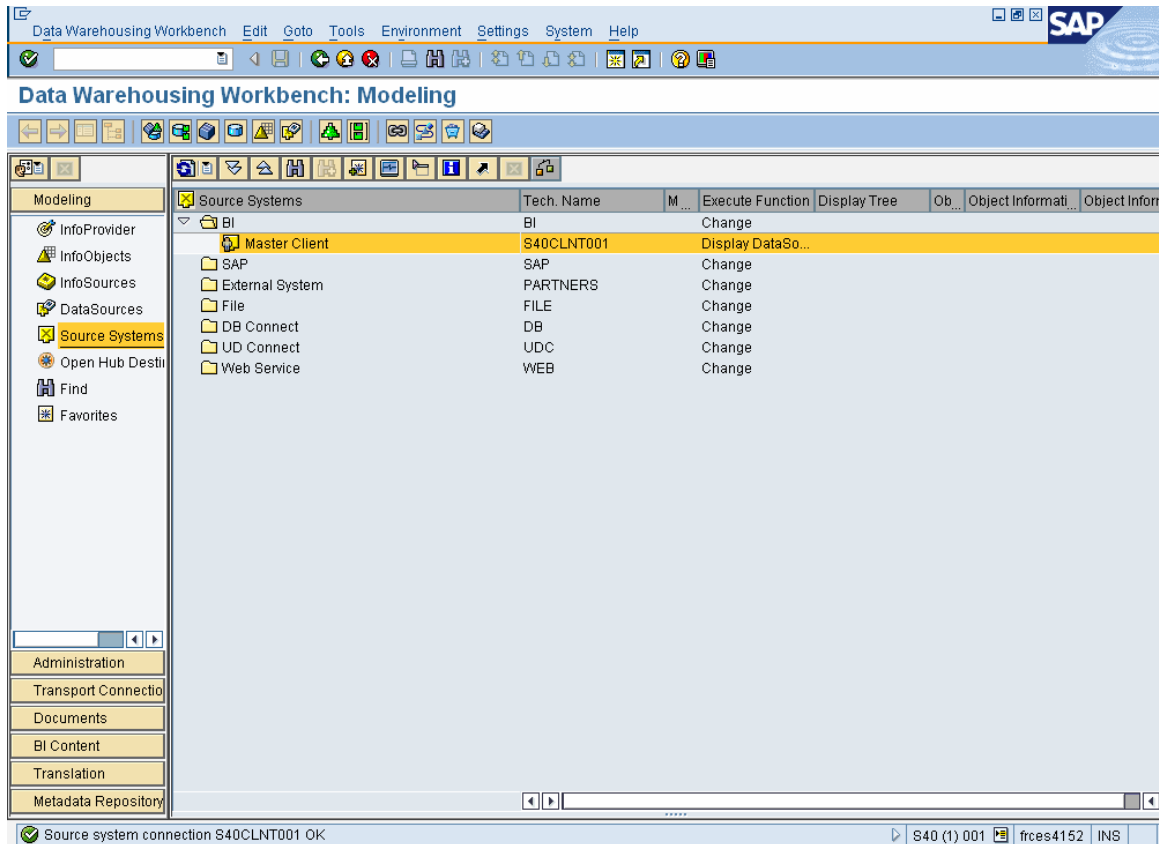
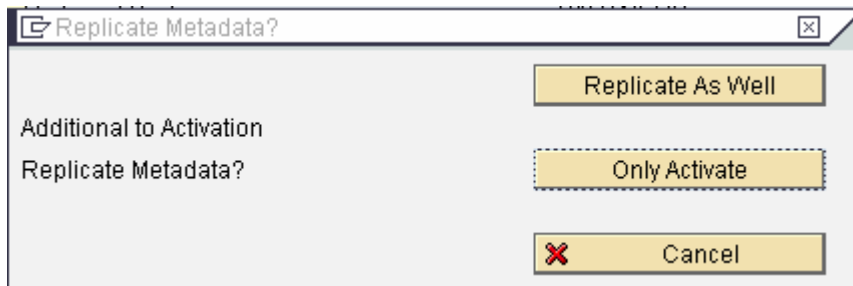
#### 3.3 BI Source system Activation

Before this step change the background work processes in the profile of ABAP instance to 3. On the logical system for BI, call transaction RSA1.

Select the Source system, right click and Activate.

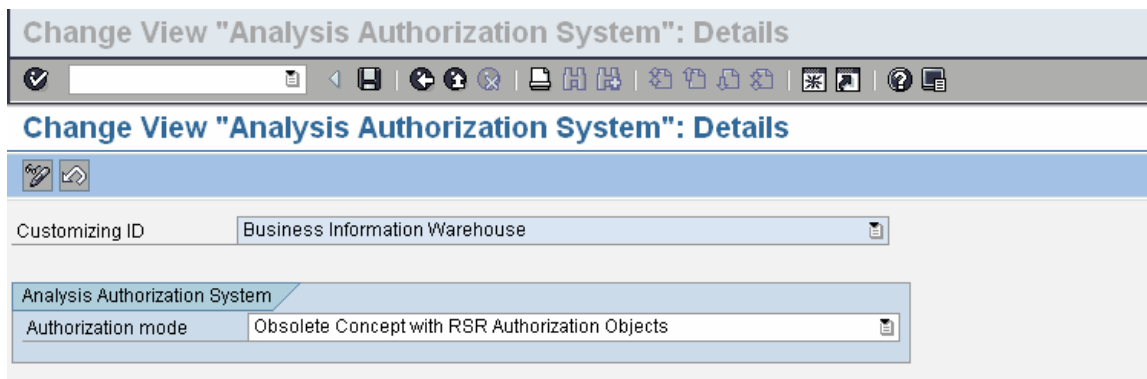


Select Replicate As Well. Choose “as 3.x Datasource” if asked.



### 3.4 Changing BI Authorization Concept

Call transaction “rscustv23” and select “**Obsolete Concept with RSR Authorization Objects**” and Save.



### 3.5 Running Diagnostics Setup Wizard

This Setup wizard is used for the initial setup or at any time later. Open the URL

`http://<host>:<port>/smd` in browser and select Diagnostic Setup → Diagnostic System → Setup Wizard.

Give the details of ABAP Connection, J2EE Administrator and Click on Next. The ABAP User specified must contain authorization to create users and RFC destinations.

**Setup wizard**

Definition of Setup Parameters    Summary of setup steps    Setup Results

**Support User**

Please enter the Userid of the SMD Support User. If not yet existing, the User will be created with password 'init1234'

Support User Id

---

**ABAP Connection**

Please enter the settings of the Solution Manager Backend S40

ABAP Client   
 ABAP User Id   
 ABAP Password   
 ITS port

Please enter the settings of the BI Backend

ABAP Client   
 ABAP User Id   
 ABAP Password

Is BW installed in a separate...  Client ?  System ?

---

**J2EE Administrator**

Please enter admin User Id and password of the SAP J2EE administrator of Solution Manager

J2EE Admin User Id   
 J2EE Admin Password

---

**Wily Introscope**

Please enter the Host Name and RMI port number where Introscope Enterprise Manager is available

Enterprise Manager Host   
 Enterprise Manager Port

By default all the steps are selected. You can deselect any of them if required and start Setup.

Welcome J2EE\_ADMIN | Mon, 01/21/2008 07:56 AM CET | Help | Log Off

Root Cause Analysis | Diagnostics Administration | **Diagnostics Setup**

Diagnostics System | Managed Systems

Application Selection

- Setup Wizard
- Advanced Setup

Setup Wizard

Close | History | Favorites

Setup Confirmation Results

Definition of Setup Parameters Summary of setup steps Setup Results

When using the "Setup" button, the selected setup steps will be executed

Execute	Type	Step Description
<input checked="" type="checkbox"/>	Maintenance	The SMD maintenance mode will be turned off
<input checked="" type="checkbox"/>	User	The user sap support (password=nr1234) will be created in ABAP Client 100
<input checked="" type="checkbox"/>	User	The UME roles SAP_JAVA_SUPPORT and SAP_JAVA_JMADMIN_CENTRAL_READONLY will be assigned to user sap support
<input checked="" type="checkbox"/>	User	The J2EE communication user for SMD Agent's SMD_ADMIN will be created in ABAP Client 100
<input checked="" type="checkbox"/>	User	The ABAP roles SAP_SOLMANDIAO_SAP SUPPORT and SAP_SOLMANDIAO_E2E will be assigned to user sap support at ABAP Host=local host sys=01 client=100 user=acadmin
<input checked="" type="checkbox"/>	User(BI)	(E2E) The ABAP role SAP_BI_E2E will be assigned to user sap support at ABAP Host=frcs4152 sys=01 client=001 user=acadmin
<input checked="" type="checkbox"/>	User	(E2E) The ABAP profile S_AJ_SMD_E2E will be assigned to user acadmin at ABAP Host=local host sys=01 client=100 user=acadmin
<input checked="" type="checkbox"/>	J2EE Admin	The J2EE Admin settings will be set to http://frcs4152.accenture.com:50100 (user=J2EE_ADMIN)
<input checked="" type="checkbox"/>	Web IS	The Introscope Webview settings will be set to http://frcs4152.accenture.com:8081
<input checked="" type="checkbox"/>	Web IS	The Introscope Enterprise Manager host port will be set to frcs4152.accenture.com:8001 (user=Admin)
<input checked="" type="checkbox"/>	IGS	The IGS URL will be left unchanged to http://frcs4152.accenture.com:40180
<input checked="" type="checkbox"/>	ITS	The ITS URL will be set to http://localhost:3205 (client=100)
<input checked="" type="checkbox"/>	RFC	The TOPIC RFC destinations SOLMANDIAO and WEBADMIN will be created on ABAP stack
<input checked="" type="checkbox"/>	RFC	The RFC program WEBADMIN will be created and started in J2EE engine
<input checked="" type="checkbox"/>	RFC	(E2E) The JcoRFC destinations E2E_SMD_SM_DATA and E2E_SMD_SM_METADATA for WebDynpro will be created in SLD
<input checked="" type="checkbox"/>	RFC	(E2E) The ABAP RFC destination BI_CLINT001 will be created on ABAP stack, pointing to ABAP Host=frcs4152 sys=01 client=001 user=acadmin
<input checked="" type="checkbox"/>	SSO	(E2E) The ticket certificate of the Java stack will be imported into ABAP stack for SSO on ITS applications
<input checked="" type="checkbox"/>	BI	(E2E) The BI Connection data ABAP Host=frcs4152 sys=01 client=001 user=acadmin will be stored in configuration
<input checked="" type="checkbox"/>	BI	(E2E) The number of background work processes required for BI will be checked
<input checked="" type="checkbox"/>	BI	(E2E) The services /sap/bw/BEI, /sap/bw/Mime and /sap/bc/bsp/trapal_tools_dnd will be activated
<input type="checkbox"/>	BI	(E2E) The CCMSERSETUP batch process will be triggered. This operation is VERY resource intensive, and should be run for initial Setup only.
<input checked="" type="checkbox"/>	BI	(E2E) The BI cleanup batch process will be triggered at ABAP Host=frcs4152 sys=01 client=001 user=acadmin
<input checked="" type="checkbox"/>	SAProuter	The parameters for updating saprouter will be collected
<input checked="" type="checkbox"/>	Maintenance	The SMD Upgrader will be run

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Back Setup



### Press Confirm

<input checked="" type="checkbox"/>	User	The ABAP roles SAP_SOLMANDIAG_SAP SUPPORT and SAP_SOLMANDIAG_E2E will be assigned to user sapsupport at ABAP Host=localhost sys=01 client=100 user=icadmin
<input checked="" type="checkbox"/>	User(BI)	(E2E) The ABAP role SAP_BI_E2E will be assigned to user sapsupport at ABAP Host=frces4152 sys=01 client=001 user=icadmin
<input checked="" type="checkbox"/>	User	(E2E) The ABAP profile S_AI_SMD_E2E will be assigned to user icadmin at ABAP Host=localhost sys=01 client=100 user=icadmin
<input checked="" type="checkbox"/>	J2EE Admin	The J2EE Admin settings will be set to http://frces4152.accenture.com:50100 (user=J2EE_ADMIN)
<input checked="" type="checkbox"/>	Wily IS	The Introscope Webview settings will be set to http://frces4152.accenture.com:8081
<input checked="" type="checkbox"/>	Wily IS	The Introscope Enterprise Manager host:port will be set to frces4152.accenture.com:6001 (user=Admin)
<input checked="" type="checkbox"/>	IGS	The IGS URL will be left unchanged to http://frces4152.accenture.com:40180
<input checked="" type="checkbox"/>	ITS	The ITS URL will be set to http://localhost:3205 (client=100)
<input checked="" type="checkbox"/>	RFC	The TCP/IP RFC destinations SOLMANDIAG and WEBADMIN will be created on ABAP stack
<input checked="" type="checkbox"/>	RFC	The RFC program WEBADMIN will be created and started in J2EE engine

**Please confirm CCMBSISETUP trigger**

You have selected the execution of CCMBSISETUP as a batch process. This step is resource intensive, and requires some manual actions (eg activation of BI source system in RSA1) to be taken BEFORE starting this batch process, as described in Diagnostics BI Setup Guide.

Please confirm you want to run the setup including this step, or cancel and unselect this step

<input checked="" type="checkbox"/>	BI	(E2E) The services /sap/bw/BEx, /sap/bw/Mime and /sap/bc/bsp/sap/ai_tools_dnd will be activated
<input type="checkbox"/>	BI	(E2E) The CCMBSISETUP batch process will be triggered. This operation is VERY resource intensive, and should be run for initial Setup

It will take few minutes for this to complete, once it is done you can see the details in Setup Results

The screenshot shows the 'Setup Wizard' interface with a progress bar indicating the 'Results' phase is complete. Below the progress bar is a table of setup results.

Success	Time	Type	Message
Success	Mon Jan 21 07:57:59 2008	Maintenance	The Maintenance Mode was already turned off
Success	Mon Jan 21 07:57:59 2008	User	User sapsupport already exists in ABAP User store at ABAP Host=frces4152 sys=01 client=001 user=icadmin
Success	Mon Jan 21 07:57:59 2008	User	The following UME roles were properly assigned to user sapsupport : SAP_JAVA_MNADMIN_CENTRAL_READONLY SAP_JAVA_SUPPORT
Success	Mon Jan 21 07:57:59 2008	User	The SMD Communication Agent User SMD_ADMIN (password=inf1234) was successfully created or checked. Please specify this user in the Installer Dialog, when installing the SMD Agent(s) connected to this Managing system.
Success	Mon Jan 21 07:57:59 2008	User	ABAP roles were successfully assigned to user sapsupport in ABAP user store at ABAP Host=frces4152 sys=01 client=001 user=icadmin
Success	Mon Jan 21 07:58:00 2008	User(BI)	ABAP roles were successfully assigned to user sapsupport in ABAP user store at ABAP Host=frces4152 sys=01 client=001 user=icadmin
Success	Mon Jan 21 07:58:00 2008	User	ABAP profiles were successfully assigned to user icadmin in ABAP user store at ABAP Host=localhost sys=01 client=100 user=icadmin
Success	Mon Jan 21 07:58:00 2008	J2EE Admin	J2EE Admin connect data was successfully stored in configuration
Success	Mon Jan 21 07:58:00 2008	Wily IS	Wily Webview connect data was successfully stored in configuration
Success	Mon Jan 21 07:58:00 2008	Wily IS	Introscope EM connect data was successfully stored in configuration
Success	Mon Jan 21 07:58:00 2008	IGS	The IGS URL is kept unchanged : http://frces4152.accenture.com:40180
Success	Mon Jan 21 07:58:00 2008	ITS	ITS connect data was successfully stored in configuration
Success	Mon Jan 21 07:58:00 2008	RFC	The TCP/IP RFC 'SOLMANDIAG' and 'WEBADMIN' were successfully created or checked on ABAP side
Success	Mon Jan 21 07:58:01 2008	RFC	RFC listener WEBADMIN was successfully set and started on J2EE side
Success	Mon Jan 21 07:58:01 2008	RFC	The JcoRFC destinations E2E_SMD_SM_DATA and E2E_SMD_SM_METADATA have been successfully created or checked
Success	Mon Jan 21 07:58:03 2008	RFC	R/S RFC BI_CLNT001 was successfully created or updated, destination = ABAP Host=frces4152 sys=01 client=001 user=icadmin
Success	Mon Jan 21 07:58:04 2008	SSO	The ABAP profile S40_DVEBMS01_FRCES4152 contains the parameter : login/accept_sso2_ticket=1
Success	Mon Jan 21 07:58:07 2008	BI	BI connect data was successfully stored in configuration
Success	Mon Jan 21 07:58:07 2008	BI	The ABAP profile frces4152_S40_01 has a number of Background work processes of 6
Success	Mon Jan 21 07:58:07 2008	BI	The services /sap/bw/BEx, /sap/bw/Mime, /sap/bw/dnd and /sap/bc/bsp/sap/ai_tools_dnd were successfully activated at ABAP Host=frces4152 sys=01 client=001 user=icadmin. Please make sure the BI client 001 is properly specified in the definition of these services in SICF
Success	Mon Jan 21 07:58:08 2008	BI	CCMBSISETUP successfully invoked on host frces4152
Success	Mon Jan 21 07:58:09 2008	BI	The cleanup of E2E BI diagnostics is already scheduled as a batch process
Success	Mon Jan 21 07:58:09 2008	SAProuter	Please copy and paste in saprouter the template from the 'Details' tab below, for enabling HTTP URL connections. (Refer to SAP Note 592085 for more information)
Success	Mon Jan 21 07:58:10 2008	Maintenance	The SMD upgrade was successfully executed (version=7.00 SP13 (1000.7.00.13.0.20070812001200))



Click on Next to complete the setup

Welcome J2EE\_ADMIN | Mon, 01/21/2008 09:17 AM CET | Help | Log Off

Root Cause Analysis | Diagnostics Administration | **Diagnostics Setup**

Diagnostics System | Managed Systems

Application Selection

- Setup Wizard
- Advanced Setup

Setup Wizard

Close | History | Favorites

Setup Confirmation Results

Definition of Setup Parameters Summary of setup steps Setup Results

To complete the Diagnostics Setup, you should perform the following operations as documented in Diagnostics Setup Guide

▶ Please copy and paste the template below into saprouter (cf SAP Note 592085 for more info)

```
P 147.204.2.5 170.251.80.152 50100
P 147.204.2.5 170.251.80.152 8081
P 147.204.2.5 170.251.80.146 50300
P 147.204.2.5 170.251.80.154 0
P 147.204.2.5 170.251.80.153 50000
```

▶ Please install Enterprise Manager (Wily Introscope), following Diagnostics Setup Guide

▶ Please install SMD Agents on managed systems, define your solution in Solution Manager (SMSY), and use Managed Systems Setup Wizard

Back

The steps mentioned in the above screen should be executed which will setup Remote connection for SAP Support.

### 3.6 SMD Server Admin User

User **smd\_admin** is created by SMD Setup Wizard. It has Administrator role which is used for all administrative tasks of Diagnostics to establish connection between SMD agents and SMD Server. Make sure this user is not locked.

### 3.7 Profile Generation

Generate Profiles for the roles **SAP\_BI\_E2E** and **SAP\_SATELLITE\_E2E\_DISP**

## 4 Agent Configurations on the Managed System

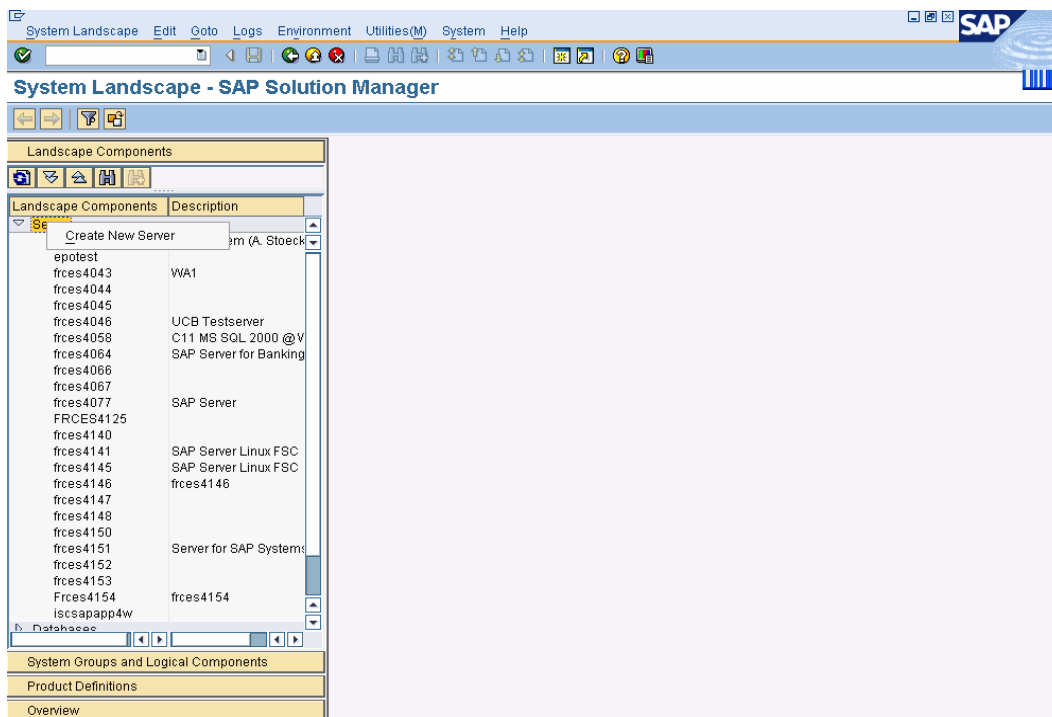
Now the managed systems should be attached to solution manager system. This should be done whenever a new managed host is added to solution/landscape or when SMD Server is upgraded.

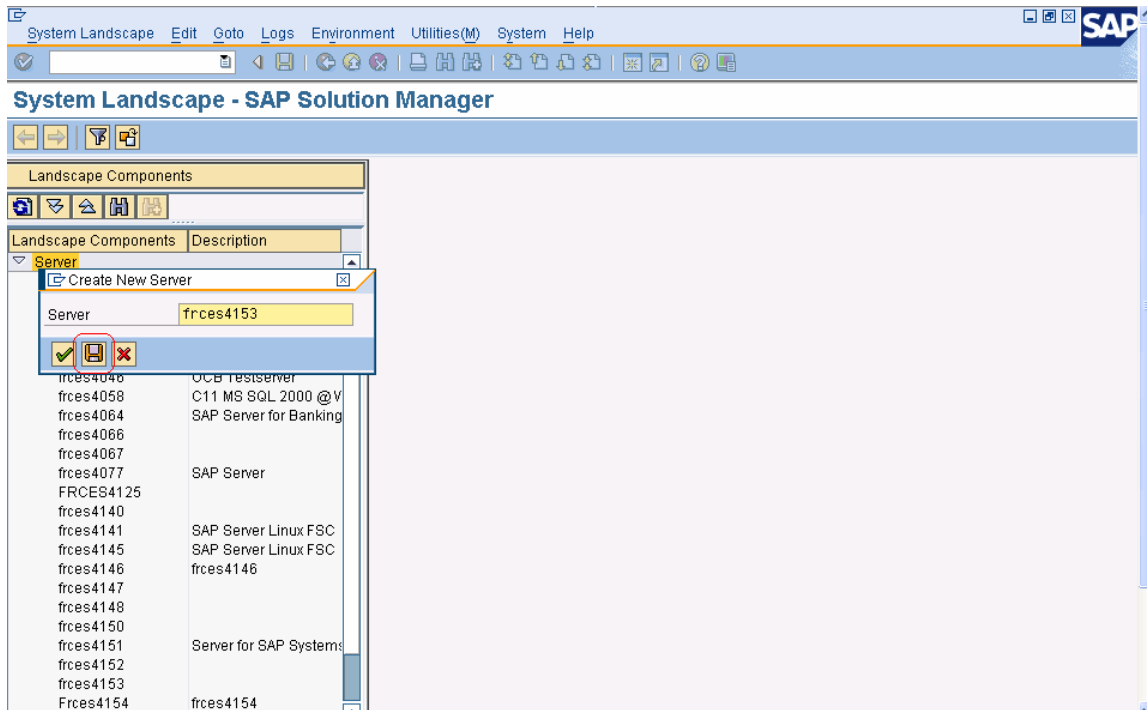
Following Steps have to be performed on Solution manager side for each managed system:

### 4.1 Landscape Definition in SMSY

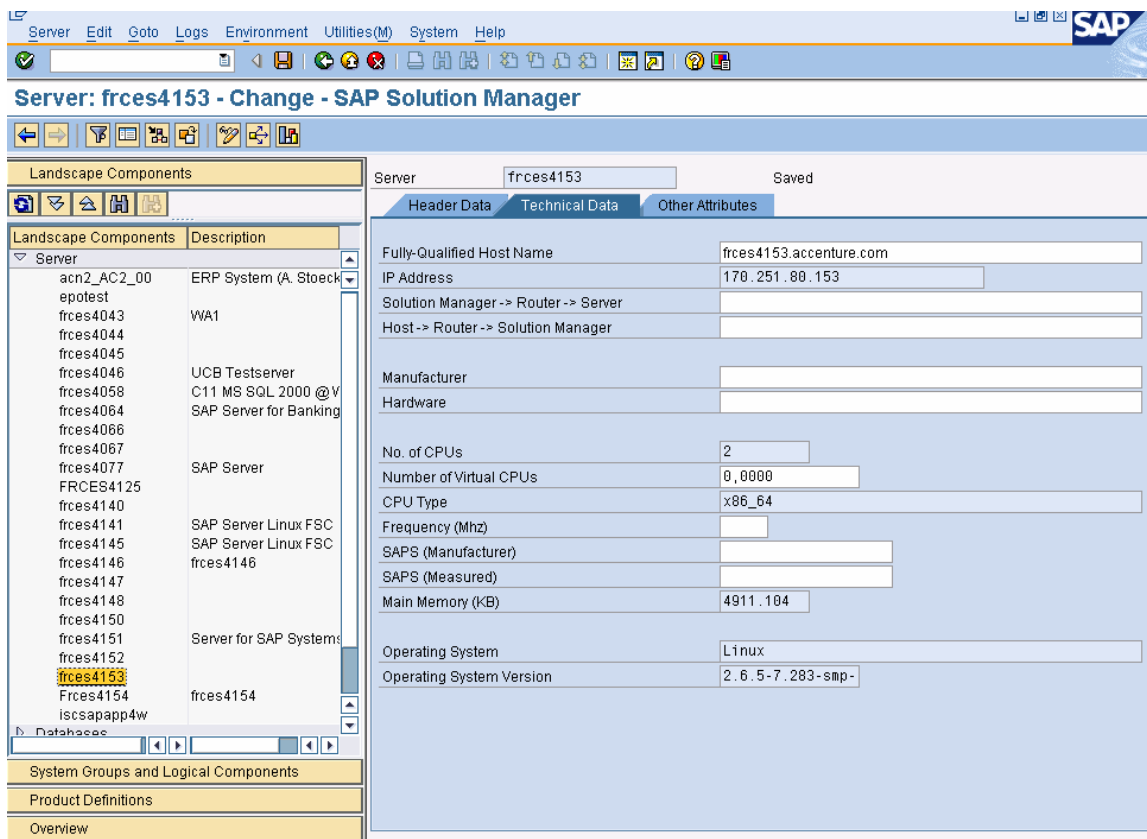
#### 4.1.1 Server Definition:

- Go to Transaction Code SMSY
- Click on Landscape Components.
- Right click on the Server node and select create a new server.
- In the popup, enter your short host name
- Click on save.



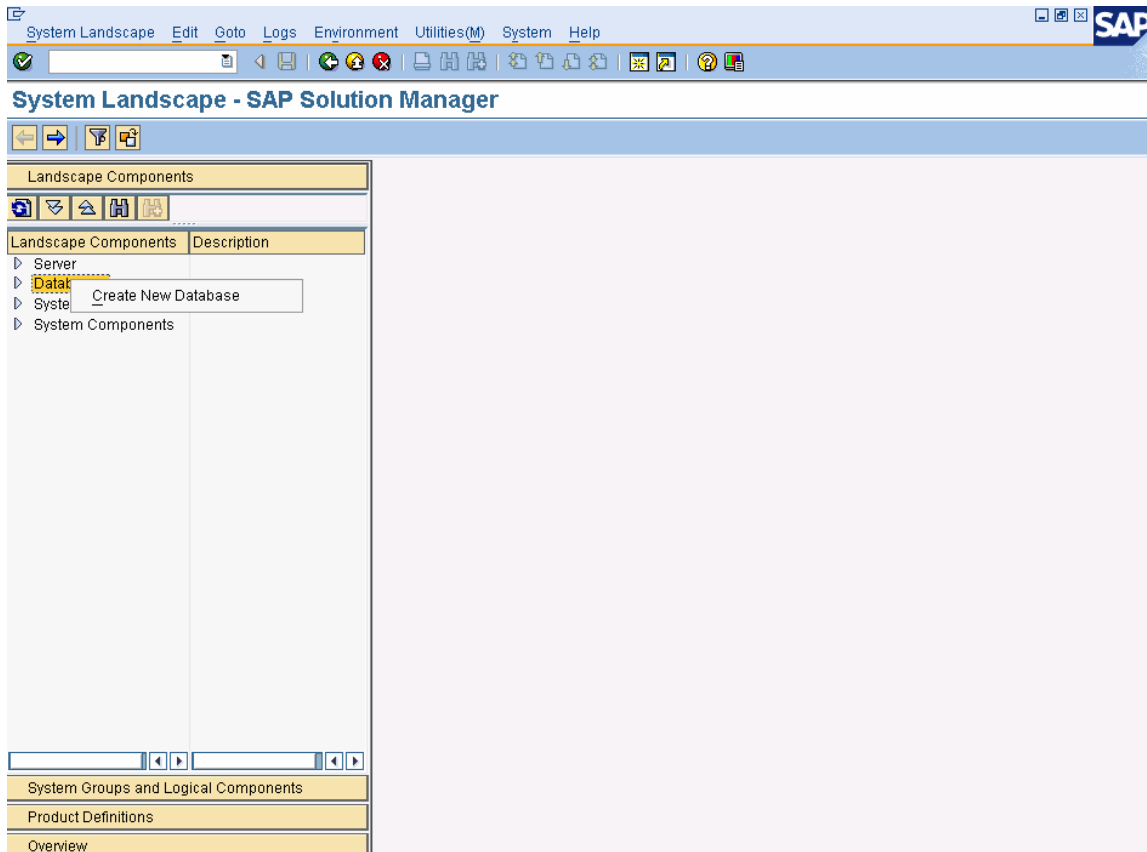


Enter the Full-Qualified Host Name information and then save.



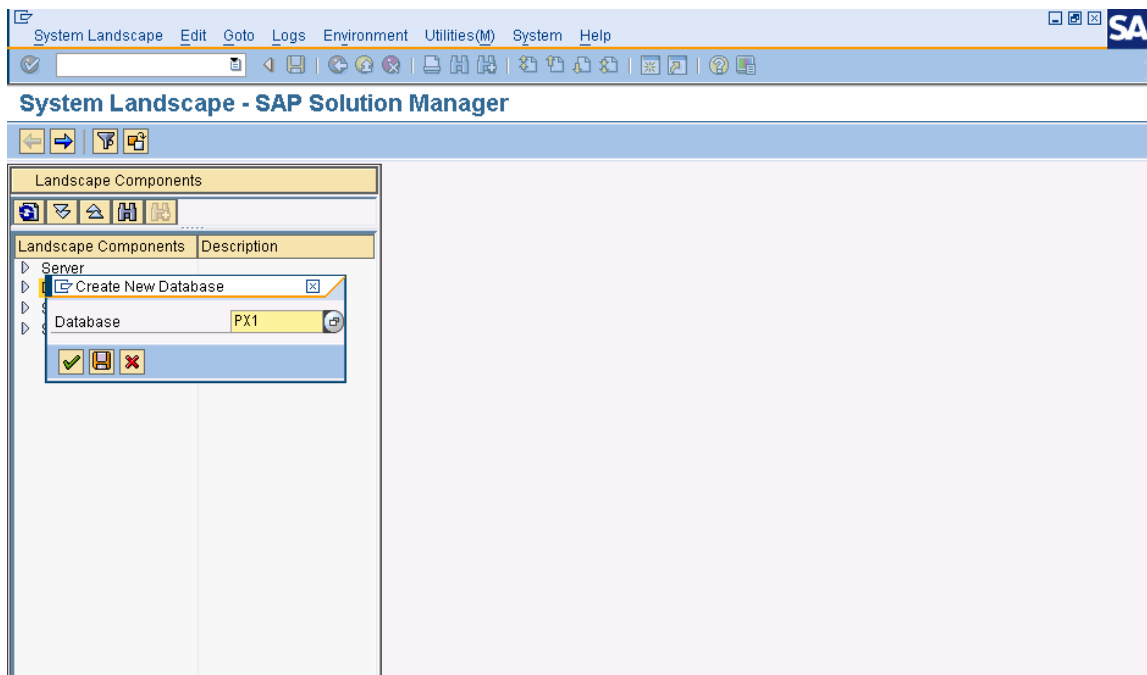
#### 4.1.2 Database Definition:

Right click on the Databases node and select create a new Database.



In the popup, enter your Database ID

Click on save.



Enter the DB manufacturer, release information and Select the host name of the server where the database is installed.

Click on save

The screenshot displays the SAP Solution Manager interface for configuring a database. The main window is titled "Database: PX1 - Display - SAP Solution Manager". The interface is divided into several sections:

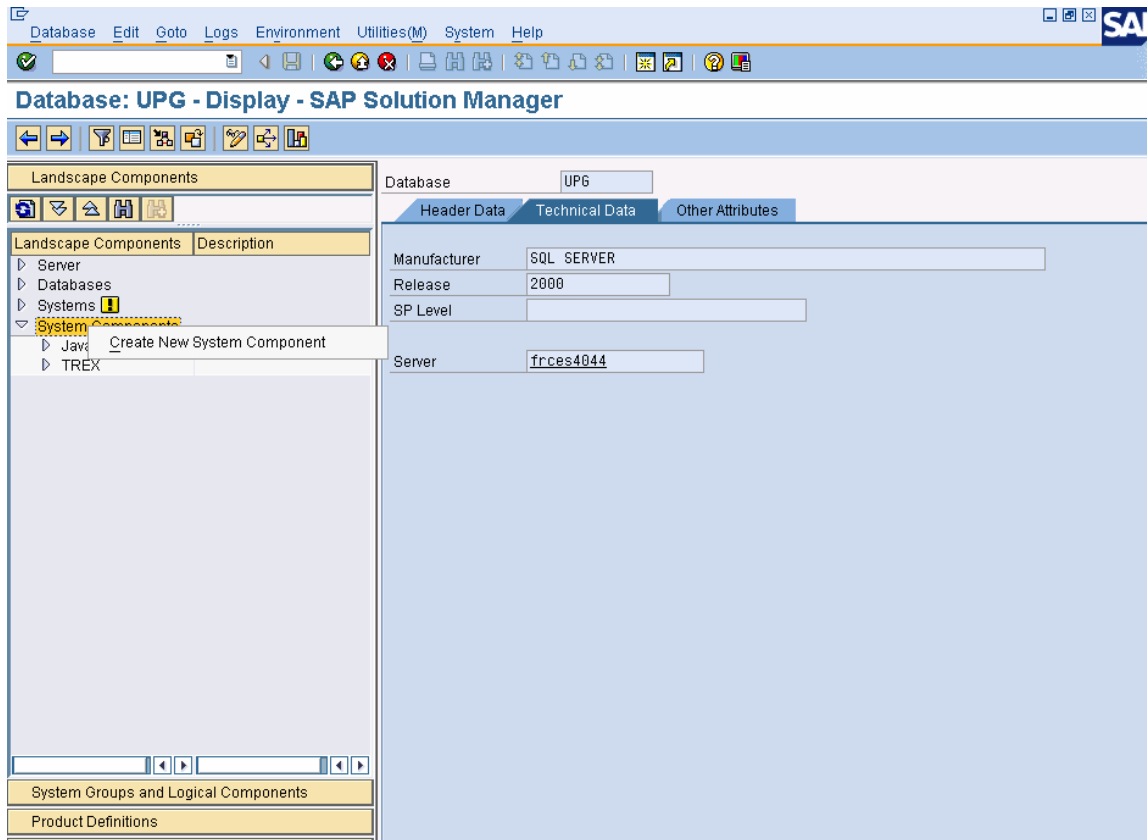
- Menu Bar:** Database, Edit, Goto, Logs, Environment, Utilities(M), System, Help.
- Toolbar:** Standard SAP navigation icons.
- Left Panel (Landscape Components):** A list of components with a description column. The component "PX1" is selected and highlighted in yellow. Other components include BW7, C11, C47, C52 (DB C52), CR7, EC6 (SAP System ERP 2005), ECC, EP7, EPZ, JE1, M71, NB7, NW1, NW3, NW4, PEA, PX1-NEW, S40, SQL (WA1), UC1 (DBS frces4046), UPG, and WA1.
- Right Panel (Database Configuration):** A form for configuring the selected database "PX1". It has three tabs: "Header Data", "Technical Data", and "Other Attributes". The "Header Data" tab is active, showing the following fields:
 

Field	Value
Manufacturer	ADABAS D
Release	7.6.00.035
SP Level	
Server	frces4153
- Bottom Panel:** System Groups and Logical Components, Product Definitions.

### 4.1.3 System Component:

This is needed for all System Components except the ABAP Only ones.

Right click on the System Components -> Java System node and select create a new System Component.



Enter the SID and Installation Number and save:

The screenshot shows the SAP Solution Manager interface for displaying a database component. A dialog box titled 'Create New System Component' is open, with the following fields filled in:

- System Component: PX1
- Type: Java-System
- Installation Number: 24115

The background window shows the 'Database: UPG - Display' window with the 'Database' field set to 'UPG'. The 'Manufacturer' is 'SQL SERVER'. The 'Technical Data' tab is active, showing various system parameters.

Enter the Associated DB:

The screenshot shows the SAP Solution Manager interface for changing a system component. The 'System Component: PX1 (Java-System) - Change' window is open, with the 'Instances' tab active. The 'Associated DB' field is set to 'PX1-NEW'. The 'Installation Number' field is set to '24115'. The 'Database' field is set to 'PX1-NEW'. The 'Database Schema' field is empty.

The 'System Component' field is 'PX1' and the 'Type' is 'Java-System'. The 'Data Source' is 'Manual (Automatic Refresh)'. The 'Last Changed On/By' is '27.09.2007 16:21:24 AICADMIN'. The 'Planned' and 'Production' checkboxes are unchecked.

The 'Message Server' section has the following fields:

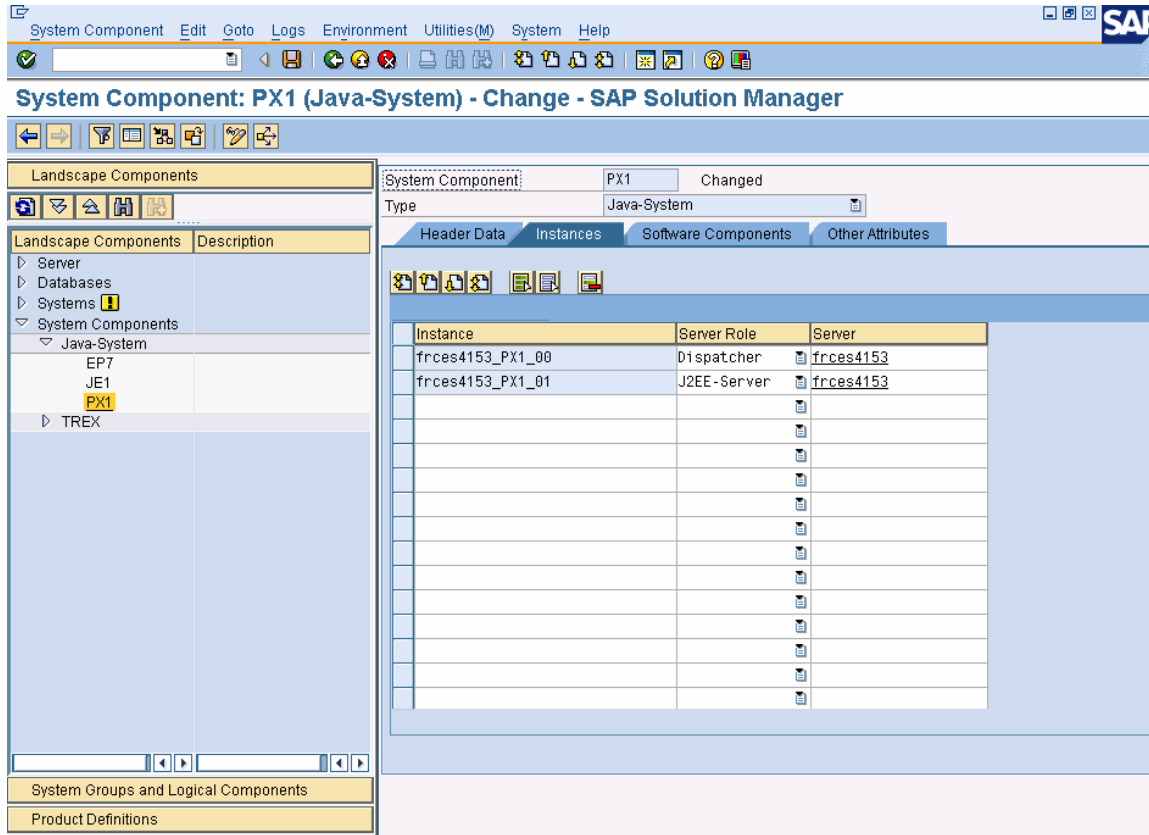
- Message Server: [Empty]
- Installation Number: 24115
- Dispatcher: [Empty]
- Port Number: [Empty]

The 'ABAP Transport System/Client' section has the following fields:

- ABAP Transport Syst.: [Empty]
- ABAP Transport Client: [Empty]

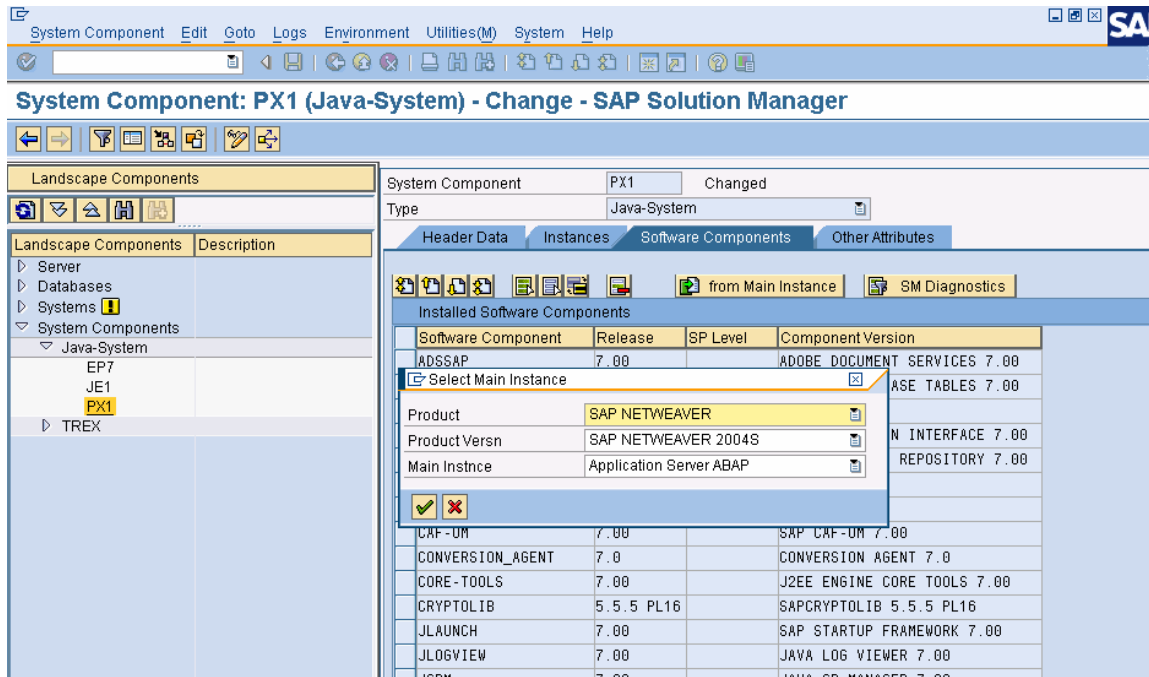


Go to Instances tab and enter one line for each J2EE node (dispatcher+servers), Server Role and Server Fields. Once it is done click on save.



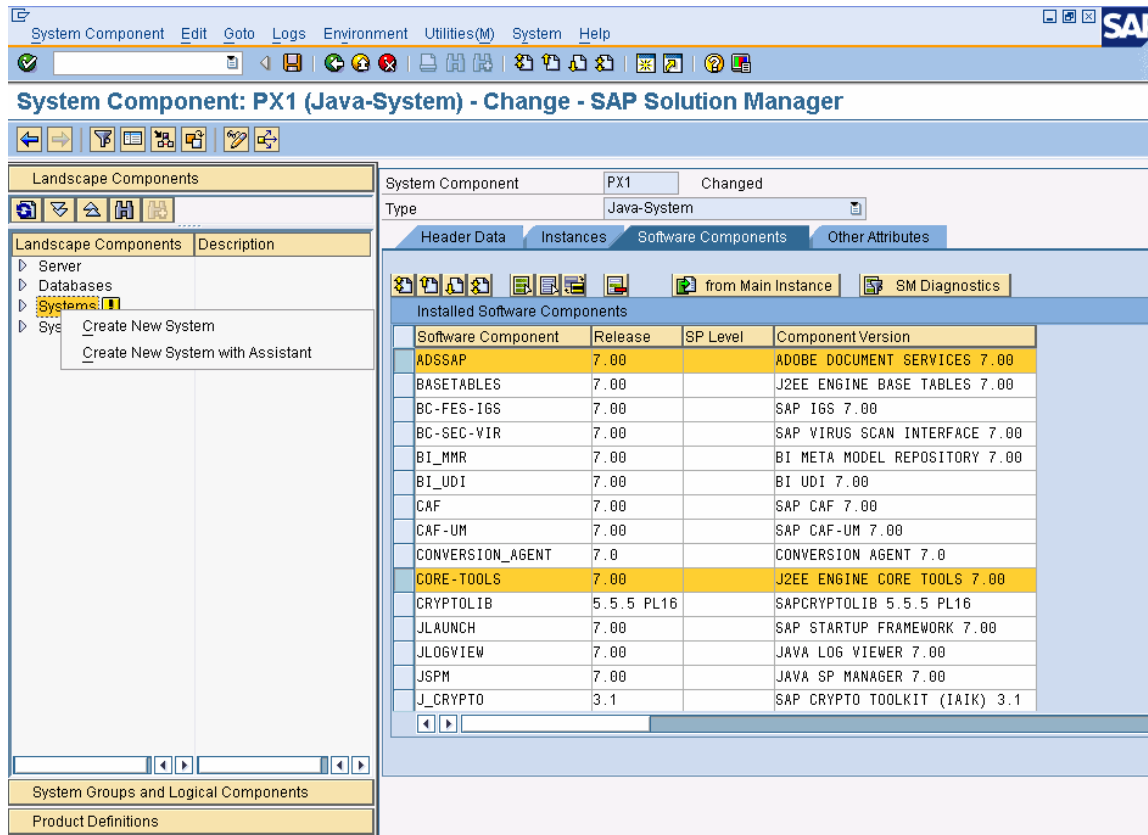
Now Select Software Components Tab and click Main Instance button.

Select Product, Product Version, and Main instance and click OK. This will import some components known by SMD. Remove the useless components which are not installed and Click on save.



#### 4.1.4 System:

Right click on the System node and select create a new System.



System Component: PX1 (Java-System) - Change - SAP Solution Manager

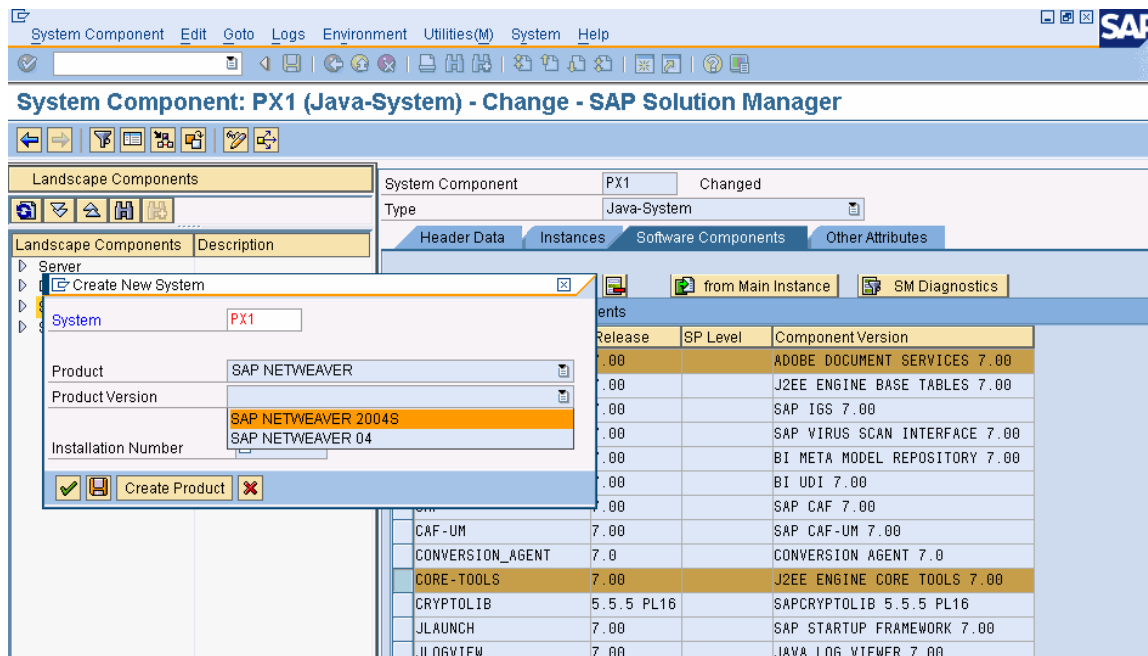
System Component: PX1 Changed  
Type: Java-System

Header Data | Instances | Software Components | Other Attributes

Installed Software Components

Software Component	Release	SP Level	Component Version
ADSSAP	7.00		ADOBE DOCUMENT SERVICES 7.00
BASETABLES	7.00		J2EE ENGINE BASE TABLES 7.00
BC-FES-IGS	7.00		SAP IGS 7.00
BC-SEC-VIR	7.00		SAP VIRUS SCAN INTERFACE 7.00
BI_MMR	7.00		BI META MODEL REPOSITORY 7.00
BI_UDI	7.00		BI UDI 7.00
CAF	7.00		SAP CAF 7.00
CAF-UM	7.00		SAP CAF-UM 7.00
CONVERSION_AGENT	7.0		CONVERSION AGENT 7.0
CORE-TOOLS	7.00		J2EE ENGINE CORE TOOLS 7.00
CRYPTOLIB	5.5.5 PL16		SAPCRYPTOLIB 5.5.5 PL16
JLAUNCH	7.00		SAP STARTUP FRAMEWORK 7.00
JLOGVIEW	7.00		JAVA LOG VIEWER 7.00
JSPM	7.00		JAVA SP MANAGER 7.00
J_CRYPTO	3.1		SAP CRYPTO TOOLKIT (IAIK) 3.1

Enter your SID, product, product version and installation number. Click on Save.



System Component: PX1 (Java-System) - Change - SAP Solution Manager

System Component: PX1 Changed  
Type: Java-System

Header Data | Instances | Software Components | Other Attributes

Created New System

System: PX1

Product: SAP NETWEAVER

Product Version: SAP NETWEAVER 2004S

Installation Number: SAP NETWEAVER 04

Create Product

Software Component	Release	SP Level	Component Version
ADSSAP	7.00		ADOBE DOCUMENT SERVICES 7.00
BASETABLES	7.00		J2EE ENGINE BASE TABLES 7.00
BC-FES-IGS	7.00		SAP IGS 7.00
BC-SEC-VIR	7.00		SAP VIRUS SCAN INTERFACE 7.00
BI_MMR	7.00		BI META MODEL REPOSITORY 7.00
BI_UDI	7.00		BI UDI 7.00
CAF	7.00		SAP CAF 7.00
CAF-UM	7.00		SAP CAF-UM 7.00
CONVERSION_AGENT	7.0		CONVERSION AGENT 7.0
CORE-TOOLS	7.00		J2EE ENGINE CORE TOOLS 7.00
CRYPTOLIB	5.5.5 PL16		SAPCRYPTOLIB 5.5.5 PL16
JLAUNCH	7.00		SAP STARTUP FRAMEWORK 7.00
JLOGVIEW	7.00		JAVA LOG VIEWER 7.00

**Note:** It is not possible to give same SID twice. If same SID is there on two different hosts, they have to be entered with different names but the first 3 characters should be equal to real SID.

Now go the tab “Selection of Main Instances”

Mark System Component Assignment, Select type and Enter SID of J2EE system. Save the Changes.

The screenshot displays the SAP Solution Manager interface for system PX1-NEW. The left-hand pane shows a tree view of 'Landscape Components' under 'Systems', with 'PX1-NEW' selected. The main window is titled 'System: PX1-NEW - Change - SAP Solution Manager' and shows the 'Selection of Main Instances' tab. The system details are: System: PX1-NEW (Changed), Product Version: SAP NETWEAVER 2004S. The table below lists relevant main instances for this system installation.

Main Instance	DB Instan...	ABAP Inst.	Relevant	Also Instal.	System C...	System...	Type	Ex
Application Server ABAP	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Business Intelligence	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Business System 6.20 PI2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Mobile Infrastructure (MI)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Process Integration (PI/XI)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Adobe Document Services	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Application Server Java	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	PX1	Java-Sys...	
BI Java	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
BI Partner	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Business Explorer (BI)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Content PI/XI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Content Server	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Developer Studio	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Developer Workplace	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Development Infrastructure	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
EP Content	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
EP Core	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Enterprise Portal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

## 5 Solution Definition

Go to transaction SOLUTION\_MANAGER or DSWP and click on Create:

Solution Name	Status	Count	Creation Date	Alerts
ECC 6.0	Warning	(2)	19.01.2008 - 07:15:13	1
EP7	Info	(6)	19.01.2008 - 07:15:16	1
GBS (TvB)	Warning	(1) (7)	19.01.2008 - 07:15:15	1
GBS SolMan PoV 2006	Warning	(2) (1)	19.01.2008 - 07:15:09	33
<b>HPB</b>	Warning	(2) (3)	19.01.2008 - 07:15:16	1
JE1	Info	(2)	19.01.2008 - 07:15:15	1
Maintenance_Optimizer	Warning	(1)	19.01.2008 - 07:15:13	1
My new solution			19.01.2008 - 07:15:15	1
PX1			19.01.2008 - 07:15:16	1
PX1 NEW	Warning	(1)	19.01.2008 - 07:15:16	1
RPM	Warning	(1)	19.01.2008 - 07:15:14	1
S40			19.01.2008 - 07:15:15	1
SAP EXCHANGE INFRASTRUCTURE			19.01.2008 - 07:15:14	1
SAP NETWEAVER	Warning	(3) (1)	19.01.2008 - 07:15:14	1
Solution Manager Demo	Warning	(3)	19.01.2008 - 07:15:16	1
STELLA			19.01.2008 - 07:15:13	1
test			19.01.2008 - 07:15:13	1
7 ARISNG			19.01.2008 - 07:15:15	1

Give the Name for the Solution and specify the Language. Click on continue

**Create new solution**

An SAP Solution Manager solution can contain any components which combine to model business processes .

Enter the following data:

- Solution Name:** Choose a name which indicates which landscape. For example, you could name your solutions after their main business processes or locations.
- Original Language:** The original language determines the language in which the system saves language-dependent objects (e.g. business processes).

**Note:** You can later assign authorizations, with which you can control which users can use the SAP Solution Manager system landscapes which you have specified, for the solution ID generated by the system.

**Solution Information**

Solution \*

Original Language \*

## Select System Landscape Maintenance:

The screenshot shows the SAP Solution Manager interface for a solution named 'HPB - SAP Solution Manager'. The top menu bar includes 'Solution', 'Edit', 'Goto', 'Settings', 'System', and 'Help'. Below the menu is a toolbar with various icons. The main content area is titled 'Solution: HPB - SAP Solution Manager' and contains several sections:

- System Landscape Maintenance**: You define and manage, for example, systems, servers, databases and RFC connections which are relevant for your solution.
- Project Scoping**: You receive an overview of projects that are assigned to your solution, create new projects, or manage projects that have already been assigned.
- Solution Landscape Maintenance**: You specify the business processes, interfaces and systems in your solution. You can make settings for the graphical display of the systems and servers.
- Solution Settings**: Edit your solution settings.
- Service Connections**: Create service connections for the systems in your solution. Open a temporary service connection, so that a member of SAP Support can logon to your system.

The left sidebar shows a navigation tree with 'Solution Overview', 'Solution Landscape', 'Operations Setup', and 'Operations'.

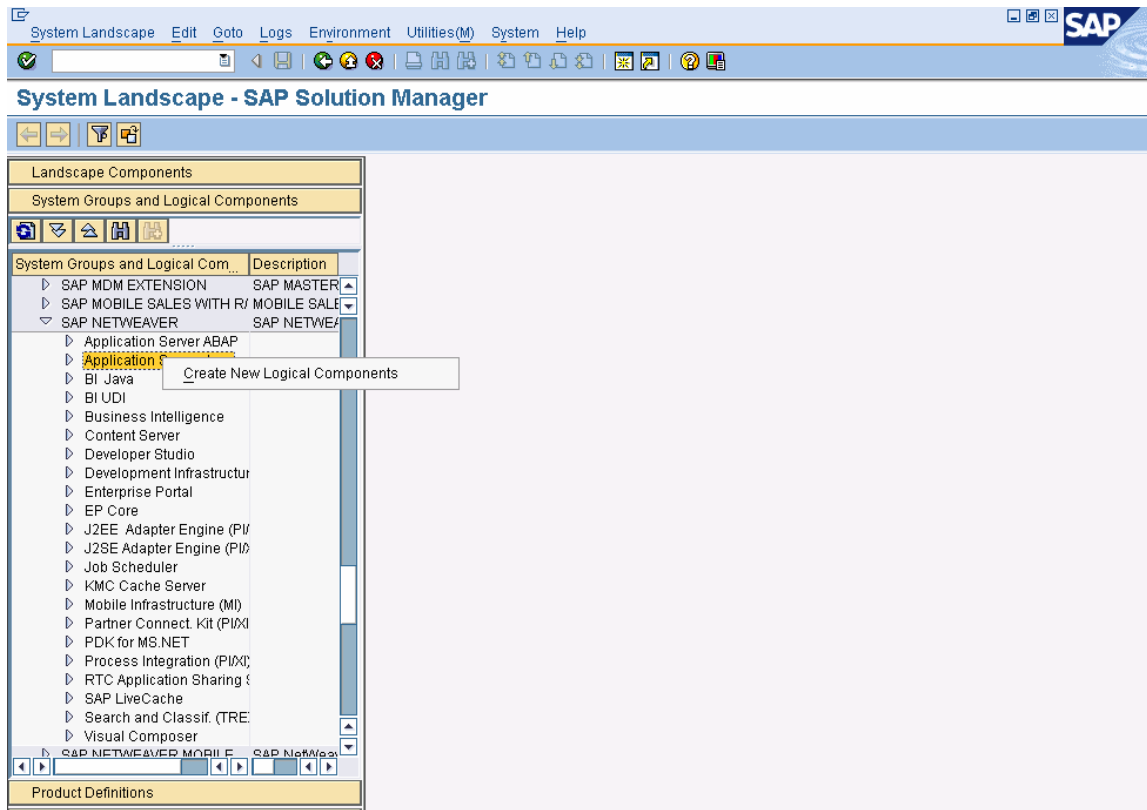
## Now click on System Groups and Logical Components:

The screenshot shows the SAP Solution Manager interface for a system landscape. The top menu bar includes 'System Landscape', 'Edit', 'Goto', 'Logs', 'Environment', 'Utilities(M)', 'System', and 'Help'. Below the menu is a toolbar with various icons. The main content area is titled 'System Landscape - SAP Solution Manager' and contains a tree view of landscape components:

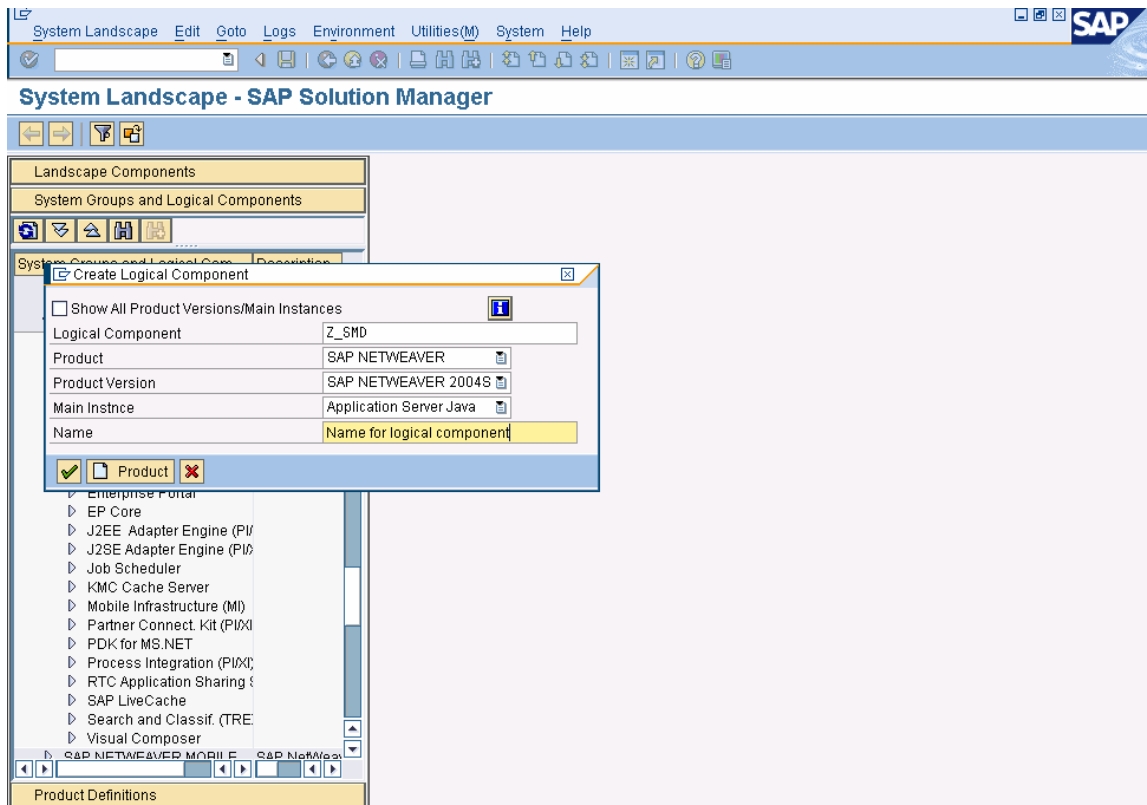
- Server
- Databases
- Systems
  - Systems without Pro Systems without Product ...
  - SAP BW SAP Business Informatio..
  - SAP CRM SAP Customer Relations..
  - SAP CRM 2006S SAP CRM 2006s (with S...
  - SAP DEPOSITS MAI SAP Account Managemen..
  - SAP ECC SAP ERP Central Compo.
  - SAP ERP SAP ERP
  - SAP EXCHANGE IN SAP EXCHANGE INFRAS.
  - SAP NETWEAVER SAP NETWEAVER
  - SAP NETWEAVER I SAP NetWeaver Mobile
  - SAP R/3 ENTERPRI SAP R/3 Enterprise
  - SAP SCM SAP SCM
  - SAP SOLUTION MAI SAP SOLUTION MANAG...
  - SAP WEB AS SAP WEB AS
  - SAP XRPM SAP xApp Resource and ...
- System Components

At the bottom of the interface, there are several tabs: 'System Groups and Logical Components', 'Product Definitions', and 'Overview'.

In Logical components select the Product and Main Instance. Right click on that and select Create New Logical Components:



Enter the Name for Logical Component. Click on OK.



Now select the systems for Dev, Demo, Training and Production and save.

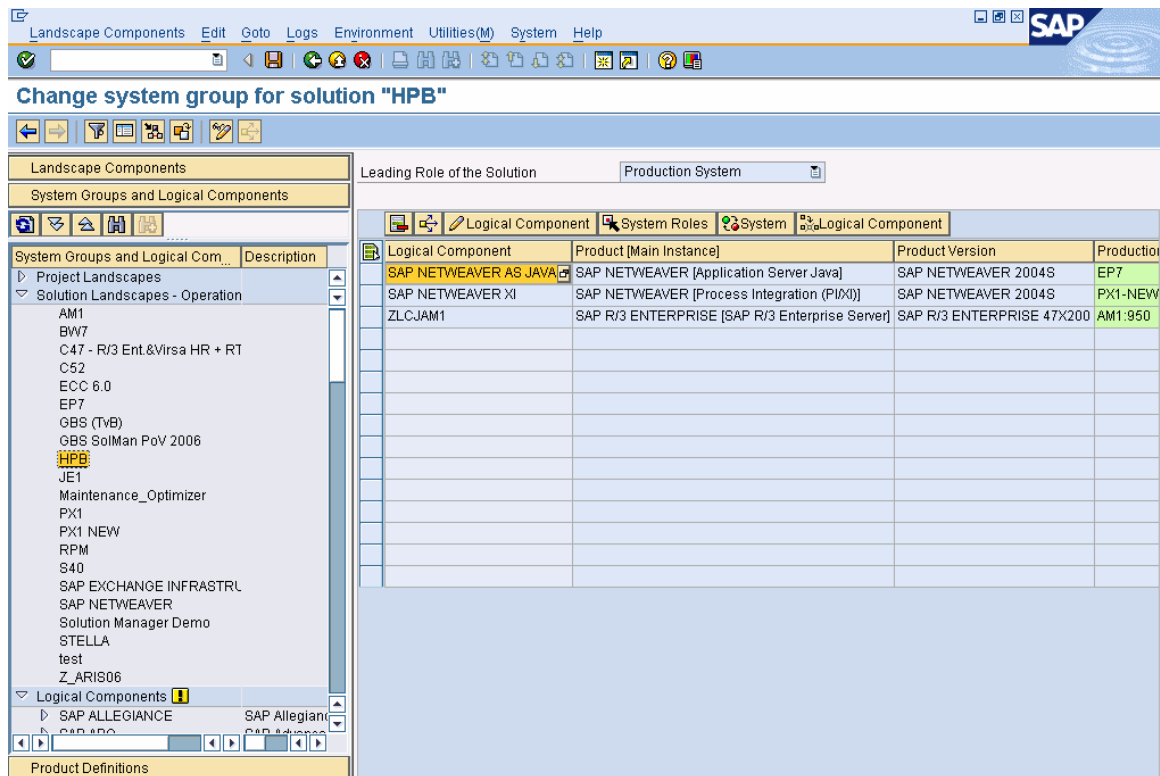
The screenshot displays the SAP Solution Manager interface for configuring a Logical Component. The title bar reads "Logical Component: Z\_SMD - Change - SAP Solution Manager". The left sidebar shows a tree view of "System Groups and Logical Components" with "Application Server Java" selected under "SAP NETWEAVER". The main area shows the configuration details for "Z\_SMD", including "Product/Main Instance" as "SAP NETWEAVER [Application Server Java]", "Name" as "Name for logical component", and "Delivered by SAP" as an unchecked checkbox. Below this, the "Current System Assignments" section is visible, featuring a table of system assignments.

Product Version	Development System	Demo System	Training System	Production System	SAP Reference
SAP NETWEAVER 2004S				PX1-NEW:100	

Similarly Create Logical components for all the systems (which you want to add in your solution). Here logical components for PX1, EP7 and AM1 systems are created.



Open Solution Landscapes – Operation and click on the solution you created previously. Add all the logical components you want to keep in the solution.



By default, only the system with the same type of the leading role of your solution is transferred to SMD. In the example above, only the production system will be published. You can distinguish the published systems in this view by their green background.

If you want to enable a system to published (other than the default one), select the box containing the system name and click on the button “system”.

## 6 Connecting Managed Systems to SMD Server

### 6.1 Generating READ RFC Destination

In Order to connect Managed Systems to SMD server a RFC connection from Solution Manager to managed ABAP stack needs to be created.

Go to SMSY Tcode in Solution manager Diagnostics and select your system in Landscape Components → Systems

The screenshot displays the SAP Solution Manager Diagnostics interface. The main window title is "System: PX1-NEW, Main Instance: Process Integration (PI/XI) -Change -". The interface is divided into several sections:

- System Information:**
  - System: PX1-NEW (Saved)
  - Product Version: SAP NETWEAVER 2004S
  - Main Instance: Process Integration (PI/XI)
- Landscape Components:** A tree view on the left showing the hierarchy of systems. The "PX1-NEW" system is selected, and its description is "Process Integratio Application Server".
- Clients Table:** A table showing the configuration of clients for the selected system. The table has the following columns: Cli, Name, Role, Logical sys., RFC Read Access, RFC for Change Ma..., and Trusted System RFC.
 

Cli	Name	Role	Logical sys.	RFC Read Access	RFC for Change Ma...	Trusted System RFC
000	SAP AG Konzern	SAP refer				
066	Test EarlyWatch	SAP refer				
100	XI Development	Customiz	PX1CLNT100	SM_PX1-NEWCLNT100		

Now click on Clients Tab and select the client which needs to be connected to SMD server and press "Generate RFC Destinations"

The screenshot displays the SAP Solution Manager interface for system PX1-NEW. The 'Clients' tab is active, showing a table of client configurations. The table has the following columns: Cli., Name, Role, Logical sys., RFC Read Access, RFC for Change Ma..., and Trusted System RF. The client '066 Test\_EarlyWatch' is highlighted in yellow.

Cli.	Name	Role	Logical sys.	RFC Read Access	RFC for Change Ma...	Trusted System RF
000	SAP AG Konzern	SAP refer				
066	Test_EarlyWatch	SAP refer				
100	XI Development	Customiz	PX1CLNT100	SM_PX1-NEWCLNT100		

Now assistant will be launched which allows you to generate READ RFC destinations in SMD server. This assistance will remotely create RFC connection dedicated user in managed system.

Generate RFC Destinations

Selection of RFC Destinations from S40 to PX1-NEW, Client 100

RFC Destination and User for Read Access  
 User Option: Generate User, Specify Password  
 RFC User Name (PX1-NEW): SOLMANS40100 Password: \*\*\*\*\*

RFC Destination and User for Change Manager  
 User Option: Generate User and Password  
 RFC User Name (PX1-NEW): SOLTMWS40100

RFC Destination with Trusted System Connection

RFC Destination for Solution Manager

RFC Destination with Logon Screen

Trusted System RFC Destination

---

Selection of RFC Destinations from PX1-NEW to S40, Client 100

RFC Destination with User  
 User Option: Generate User and Password  
 RFC User Name (S40): SOLMANPX1

---

RFC Destination Attributes

Load Balancing (PX1-NEW) Server Group: \_\_\_\_\_

Routing Information

---

RFC Destinations to be Generated

Srcce Sys	Trgt System	Trgt Clnt	RFC Destination	RFC User	Trusted	Logon	Comments
S40	PX1-NEW	100	SM_PX1-NEWCLNT100_READ	SOLMANS40100	<input type="checkbox"/>	<input type="checkbox"/>	Already Exists

---

Actions after Generation

Read System Data Remote after Generation

Assign RFC Dest.for System Monitoring

Currently Assigned RFC Destinations

RFC Destination for Data Collection: \_\_\_\_\_

✓ ↻ ⓘ ✖

Once it gets completed, the assistant will create the user SOLMAN<Sol Man SID><Sol Man client Id> on managed system in adequate client and also RFC destination SM\_<Managed system SID>CNLT<Managed System client Id>\_READ in solution manager. The user who runs this assistant should have rights to create RFC destination in solution manager system.

The assistant will ask to logon to managed system, use the admin user that has been created.

## 6.2 Connecting managed system using RFC destination

In SMD system call Transaction RZ21. From Menu Choose Technical Infrastructure → Configure Central System → Create Remote Monitoring Entry and give Target System SID and RFC destination for collecting Data which is created in previous step (SM\_<Managed system SID>CNLT<Managed System client Id>\_READ). Click on Save. For this the user should have profile S\_CSMREG.

Monitoring Entry Edit Goto System Help

Monitoring: Create New Entry

Create an Entry to Remote Monitoring of an SAP R/3 System

Target System ID

RFC Destinations of Tar. Sys. For

Collecting Data

Executing Analysis Method

## 6.3 ICM Logging Setup

The parameter “icm/HTTP/logging\_0” on the managed system should be set to the value “PREFIX=/, LOGFILE=icmhttp.log, LOGFORMAT=%t - "%r0" %s %b [%L] h [%{X-CorrelationID}] |, MAXSIZEKB=10240, SWITCHTF=day,

FILEWRAP=on” using RZ10 Transaction code in order to enable the analysis of logs written by ICM by using the HTTP Analysis Application.

Parameter Edit Goto System Help

Display Profile 'PX1\_DVEBMGS00\_FRCES4153' Version '000010'

▲ PARAM+ ▼ PARAM-

Parameter name:	Status	Seq. no.
icm/HTTP/logging_0	Active	1

Parameter val.:

PREFIX=/, LOGFILE=icmhttp.log, LOGFORMAT=%t - "%r0" %s %b [%L] h [%{X-CorrelationID}] |, MAXSIZEKB=10240, SWITCHTF=day, FILEWRAP=on

## 6.4 Managed System Setup:

Start SMD Administration application from the following url:

“http://<host>:<port>/smd”

Now browse to Diagnostics Setup → Managed Systems → Setup Wizard

Select your solution and press Next

The screenshot shows the 'Solutions Selection' step of the Setup Wizard. The breadcrumb trail is: Diagnostics System | Managed Systems | Setup Wizard. The wizard progress bar shows four steps: Solutions Selection (highlighted), System Selection, Setup Parameters, and Summary of steps. Below the progress bar, the instruction reads: 'Please select the solution(s) for which managed systems must be setup'. A table lists various solutions with checkboxes and their status.

Solution	SIDs	Status
<input type="checkbox"/> Solution		
<input type="checkbox"/> PX1 NEW	PX1	Green square
<input type="checkbox"/> Maintenance_Optimizer	NW4	Yellow diamond
<input type="checkbox"/> ECC 6.0	EC6	Yellow diamond
<input type="checkbox"/> EP7	EP7	Green square
<input checked="" type="checkbox"/> HPB	AM1, EP7, PX1	Green square
<input type="checkbox"/> GBS (TvB)	A11, BW7, C11, C52, EC6, NW4	Yellow diamond
<input type="checkbox"/> Solution Manager Demo	C11	Yellow diamond
<input type="checkbox"/> BW7	BW7	Yellow diamond
<input type="checkbox"/> JE1	JE1	Yellow diamond

Select the Managed system which needs to setup and press Next

The screenshot shows the 'System Selection' step of the Setup Wizard. The breadcrumb trail is: Diagnostics System | Managed Systems | Setup Wizard. The wizard progress bar shows four steps: Solutions Selection, System Selection (highlighted), Setup Parameters, and Summary of steps. Below the progress bar, the instruction reads: 'Please select a managed system'. It shows a list of managed systems and a table of instances for the selected solution (HPB).

Selected solutions : HPB

Show all managed systems

SID	Status
PX1	Yellow triangle
EP7	Yellow triangle
AM1	Yellow triangle

Row 1 of 3

Show instances of currently selected system

Server	Status	Remarks
trces4153	Yellow triangle	Setup steps: 4 in warning Some Diagnostics applications may not work.

Row 1 of 1

Buttons: Back, Next

Give the values for JAVA Connect Parameters, ABAP Connect Parameters. Also select the Agent you want to setup and provide details for Installation path where SMD Agent is installed. Also give the ITS connection parameters and Save.

**Setup Wizard**

Solutions Selection   System Selection   **Setup Parameters**   Summary of steps   Setup & Configuration   Setup results

Managed System : PX1  
 Components : SAP BW 7.00, SAP BASIS 7.00, ADOBE DOCUMENT SERVIC[...]  
 Defined in solution(s) : PX1 NEW, HPB

**JAVA Connect Parameters**  Save

Message Server Host: frces4153  
 Message Server Port: 3601  
 J2EE Admin User: j2ee\_admin  
 J2EE Admin Password: .....

**ABAP Connect Parameters**

ABAP Admin User: aicadmin  
 Password: .....

ABAP Client: 100

**Load Balancer info (optional)**

Load Balancer Host:   
 Load Balancer Port: 0

Table Size: auto Refresh

Details	Server	Agent	Status	Remarks
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	frces4153	170.251.80.153	△ Process Integration (PIXI) (frces4153_PX1_00) Setup steps: 4 in warning Some Diagnostics applications may not work.

**Instance Process Integration (PIXI) (frces4153\_PX1\_00) Details**

Agent: frces4153 (170.251.80.153)  
 Installation Path: /usr/sap/PX1  
 Instance Number: 00

Set Cancel

**ITS connection Info**

Host: frces4153  
 Protocol: http Port: 8000

Now press Next to proceed with Setup

Welcome J2EE\_ADMIN | Diagnostics Administration | **Diagnostics Setup** | Help | Log Off

Root Cause Analysis | Diagnostics Administration | **Diagnostics Setup**

Diagnostics System | **Managed Systems** | Close | History |

**Application Selection**

- Setup Wizard
- Setup Results
- Troubleshooting
- Introscope Agent
- EP Agent

**Setup Wizard**

Solutions Selection   System Selection   **Setup**   Setup & Configuration

Managed System: Agent assigned  
 Component: Server frces4153 was successfully assigned to SMD Agent running on 170.251.80.153  
 Defined in: This agent is now restarting. Please make sure it is reconnected before running Setup

J2EE Connect Parameters  OK

Message Server Host: 170.251.80.153  
 Message Server Port: 3601  
 J2EE Admin User: j2ee\_admin  
 J2EE Admin Password: .....

**Load Balancer info (optional)**

Load Balancer Host:   
 Load Balancer Port: 0

Table Size: auto Refresh

Details	Server	Agent	Status	Remarks
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	frces4153	170.251.80.153	⌚ Agent reconnection pending, please use 'Refresh' button

Row 1 of 1

Back Setup Selected Systems



It will list all the steps which are going to be executed during this setup. Select the list of steps to be performed and click on Setup.

When using the "Setup" button, the selected setup steps will be executed

Execute	Type	Step Description
<input checked="" type="checkbox"/>	User	(E2E) The support user will be created in ABAP user store of managed system. ABAP support roles will also be assigned
<input checked="" type="checkbox"/>	User	(E2E) Support role SAP_SATELLITE_E2E and profile S_AI_SMD_E2E will be assigned to user assigned to READ RFC
<input checked="" type="checkbox"/>	User	(E2E) The communication user SMDAGENT_S40 will be created in ABAP user store of managed system, with role SAP_IS_MONITORING
<input checked="" type="checkbox"/>	SSO	The ticket certificate of the Managing System Java stack will be imported into Java stacks for SSO on applications such as SystemInfo and SQL Trace
<input checked="" type="checkbox"/>	Roles	The UME and Java support roles will be assigned to the support user
<input checked="" type="checkbox"/>	JVM	The java startup parameters of the Managed System JVM(s) will be updated for Thread Dump Analysis and Memory Analysis (restart required)
<input checked="" type="checkbox"/>	Http	The Http log settings of the Java stacks will be updated for Http Analysis
<input checked="" type="checkbox"/>	DataCollect	The initial Data Collect will be run on managed systems
<input checked="" type="checkbox"/>	DbConfig	The jdbc connection parameters will be set for SQL Command Console application
<input checked="" type="checkbox"/>	TelnetConfig	The telnet connection parameters will be set for the Java Command Console application
<input checked="" type="checkbox"/>	Scheduler	The Diagnostics Scheduler will be initialized with default configuration
<input checked="" type="checkbox"/>	Wilyhost Agent	The Wilyhost Agent will be deployed and configured on Managed System
<input checked="" type="checkbox"/>	E2E RFC	(E2E) The BI extractors will be set for Introscope data and Error Messages
<input checked="" type="checkbox"/>	E2E RFC	(E2E) The batch processes will be created for running the BI extractors
<input checked="" type="checkbox"/>	E2E Checks	(E2E) The settings required by E2E applications will be checked

Row 1 of 15

[Back](#) [Setup](#)

Setup will run for few minutes:

SAP Solution Manager Diagnostics

troubleshooting Introscope Agent

Solutions System Parameters Confirmation **Setup** Results

Solutions Selection System Selection Setup Parameters Summary of steps **Setup & Configuration** Setup results

Managed System : PX1  
 Components : SAP BW 7.00, SAP BASIS 7.00, ADOBE DOCUMENT SERVIC[...]  
 Defined in solution(s) : PX1 NEW, HPB

Setup of PX1 is running on frces4153  
 Please wait...

JAVA Connect Parameters

Message Server Host: frces4153  
 Message Server Port: 3601  
 J2EE Admin User: j2ee\_admin  
 J2EE Admin Password: .....

ABAP Connect Parameters

ABAP Admin User: aicadmin  
 Password: .....

Load Balancer info (optional)

Load Balancer Host:   
 Load Balancer Port: 0

Server	Agent	Status	Remarks
frces4153	170.251.80.153		Running : Remote Setup for 11 seconds

Row 1 of 1

[Cancel Setup](#)

Once the setup is completed, it will show the result and details for all the steps which got executed.

The screenshot shows the SAP Solution Manager Diagnostics Setup interface. At the top, there is a progress bar with five steps: Solutions, System, Parameters, Confirmation, and Setup. Below the progress bar, the Managed System is identified as PX1, with components including SAP BW 7.00, SAP BASIS 7.00, ADOBE DOCUMENT SERVICES 7.00, and SAP J2EE ENGINE 7.00. The system is defined in PX1 NEW, HPB.

On the left, there is a table with columns for Server and Status. The server frces4153 is highlighted in yellow and has a status icon of a yellow triangle with an exclamation mark.

On the right, there is a table titled "Setup Messages (for currently selected instance)". The table has columns for Success, Time, Type, and Message. The messages are as follows:

Success	Time	Type	Message
●●●	Mon Jan 21 06:18:46 2008	User	ABAP profiles were successfully assigned to user SOLMANS40100 in ABAP user store at ABAP Host=frces4153 sys=00 client=100 user=aicadmin
●●●	Mon Jan 21 06:18:46 2008	User	Communication user SMDAGENT_S40 (password=init1234) was successfully created or checked at ABAP Host=frces4153 sys=00 client=100 user=aicadmin
●●●	Mon Jan 21 06:18:51 2008	SSO	SSO setup OK
●●●	Mon Jan 21 06:18:57 2008	JVM	The JVM startup parameters were already properly set.
●●●	Mon Jan 21 06:18:59 2008	Http	Http log settings are set for Http Analysis
●●●	Mon Jan 21 06:19:06 2008	DataCollect	The initial Data Collect ran successfully for frces4153
●●●	Mon Jan 21 06:19:07 2008	TelnetConfig	Telnet port 50008 successfully stored in configuration for frces4153
●●●	Mon Jan 21 06:19:08 2008	Scheduler	The Diagnostics scheduler was successfully initialized for the host frces4153
●●●	Mon Jan 21 06:19:12 2008	E2E RFC	The E2E Extractors were successfully activated for frces4153/PX1.00 (frces4153) (Process Integration (PI/XI))
●●●	Mon Jan 21 06:19:13 2008	E2E RFC	The E2E Extractors Batchs were successfully started for frces4153/PX1.00 (frces4153)

Similarly we have to execute this setup for all the managed systems attached to the solution. Once this is done restart the managed systems to activate all the parameters changed in the setup.

## Related Content

### <https://service.sap.com/diagnostics> - User Documentation

- E2E Workload Analysis - User Guide
- E2E Trace Analysis - User Guide
- E2E Exception Analysis - User Guide
- E2E Change Analysis - User Guide

### <https://service.sap.com/diagnostics> --> Installations and Configurations

- Diagnostics Agent Setup Guide
- Wily Introscope 7.1 - Installation Guide

### SAP Notes

- [1061383](#) - End-to-End Diagnostics SP13
- [592085](#) - Installing the HTTP Connect service
- [797147](#) - Wily Introscope Installation for SAP Customers

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