

SAP NetWeaver Guide



Supportability Setup
Guide
for
Component Analyzer
SAP NetWeaver 04 SP
Stack 14

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Documentation in the SAP Service Marketplace






You can find this documentation at the following Internet address:
service.sap.com/Instguides

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Typographic Conventions

Type Style	Represents
Example Text	Words or characters that appear on the screen. These include field names, screen titles, pushbuttons as well as menu names, paths and options.
	Cross-references to other documentation
Example text	Emphasized words or phrases in body text, titles of graphics and tables
EXAMPLE TEXT	Names of elements in the system. These include report names, program names, transaction codes, table names, and individual key words of a programming language, when surrounded by body text, for example, SELECT and INCLUDE.
Example text	Screen output. This includes file and directory names and their paths, messages, names of variables and parameters, source code as well as names of installation, upgrade and database tools.
Example text	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example text>	Variable user entry. Pointed brackets indicate that you replace these words and characters with appropriate entries.
EXAMPLE TEXT	Keys on the keyboard, for example, function keys (such as F2) or the ENTER key.

Icons

Icon	Meaning
	Caution
	Example
	Note
	Recommendation
	Syntax

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1 Introduction

Purpose

The **Component Analyzer (CA)** is an independent Java program that gathers configuration and file information that is requested by **SAP Solution Manager Diagnostics**. Technically, it reads all data from the file system (e.g. ini files) and/or from the J2EE configuration database and stores information in XML files. Solution Manager Diagnostics triggers the upload of these files by using the SMD Agent technology.

For detailed information about Component Analyzer including end user documentation, see [Component Analyzer](#) [page 8].

Implementation

This guide explains in detail the setup of Component Analyzer on systems that are connected to Solution Manager Diagnostics.

1.1 Naming Conventions

In this documentation, the following naming conventions apply:

Terminology

- The term **CA** is the same as Component Analyzer
- The term **SMD** is the same as Solution Manager Diagnostics
- **Monitoring System** is a general term for the central entry point of system analysis & monitoring. In a SMD scenario, Monitoring System is the SMD system.
- **Monitored System** is a general term for a satellite system connected to SMD (e.g. Enterprise Portal)

Variables

Variables	Description
<SID>	SAP system ID
<DBSID>	Database system ID
<INSTDIR>	Installation directory for the SAP system
<JAVA_HOME>	Installation directory for the JDK (Java Development Kit)
<OS>	Operating system name within a path

2 Installation – Step by Step

Purpose

You use the tables in the following sections as checklists to navigate through the installation when you install your SAP system.

All necessary installation phases (planning, preparation, installation, and post-installation) are listed in these tables.

Use the links to the general descriptions of the actions and to any additional information to help you perform the actions. This prevents you missing important information.

Installation Strategy

Component Analyzer is automatically installed by SAPinst together with the SDM Agent installation. Refer to chapter *Installation of SMD Agent* in the SMD Setup Guide, refer to [Solution Manager Diagnostics](#) [see page 8].

Process Flow

1. You print out the relevant checklist:
 - To **install and setup CA for SAP solutions**, see table [Matrix for Component Analyzer Setup on SAP Solutions](#) [see page 6].
 - To **install and setup CA for Non-SAP solutions**, see table [Matrix for Component Analyzer Setup on Non-SAP Solutions](#) [see page 7].
2. You follow the installation sequence exactly as shown in the tables.
 - If a step is required for your installation, you follow the link for that step to the corresponding section.
 - You perform the procedure described there.
 - After you have successfully completed the installation step, you mark the corresponding entry in the printed table with ✓ to log the progress of your installation.
 - You proceed with the next step listed in the table.

2.1 Matrix for Component Analyzer Setup on SAP Solutions

Installation Process

For the Component Analyzer system, some configuration tasks have to be performed. Please follow the table below for step-by-step processing of the setup tasks:

✓	Action on Component Analyzer	Remarks
	1. Installation of CA on SAP Solutions [page 10] 1.1 Generic Setup [page 10] 1.2 Installation of CA on SAP Enterprise Portals [page 13] 1.3 Installation of CA on SAP CRM 4.0 [page 13] 1.4 Installation of CA on xMII 11.5 [page 22]	

2.2 Matrix for Component Analyzer Setup on Non-SAP Solutions

Installation Process

For the Component Analyzer system, some configuration tasks have to be performed. Please follow the table below for step-by-step processing of the setup tasks:

✓	Action on Component Analyzer	Remarks
	1. Installation Steps for Non-SAP Systems [page 25] 1.1 Generic Setup [page 25]	

3 Installation Planning

Make sure that the prerequisites mentioned in this chapter are fulfilled before starting with SMD setup.

3.1 Required Documentation

The following sections describe the documentation you require for the installation.

- SAP Installation Notes
- Information in the SAP Service Marketplace
- Components for problem messages

3.1.1 SAP Installation Notes

You **must** read the following SAP Notes **before** you start the installation. These SAP Notes contain the most recent information on the installation, as well as corrections to the installation documentation.

Make sure that you have the up-to-date version of each SAP Note, which you can find in the *SAP Service Marketplace* at the Internet address:

service.sap.com/notes.

SAP Note Number	Title	Description
780177	Setup of Solution Manager Diagnostics	up-to-date setup information for SMD
815252	Installation of Component Analyzer	up-to-date setup information for CA
903825	Solution Manager Diag setup for xMII 11.5 with SMD SPS14	setup information for xMII 11.5

3.1.2 Information in the SAP Service Marketplace

Information on the following areas is available in the SAP Service Marketplace.



We recommend that you read this documentation before starting the installation.

Solution Manager Diagnostics

You will find the current version of the Solution Manager Diagnostics setup guide at **service.sap.com/nw04operation** → *Cross-NW* → *Supp. Setup Guide Solution Manager Diagnostics NW04 SPS 14*.

General documentation for Solution Manager Diagnostics: start SAP Service Marketplace, and go to the *Solution Manager Diagnostics* area (**service.sap.com/diagnostics**).

Component Analyzer

You will find the current version of the Component Analyzer setup guide at **service.sap.com/nw04operation** → *Cross-NW* → *Supp. Setup Guide Component Analyzer NW04 SPS 14*.

End user documentation & FAQ list

You will find the end user documentation and a FAQ list for Solution Manager Diagnostics at service.sap.com/diagnostics.

CCMS Agents

Simplified setup steps of the CCMS Agent are explained in this guide. Otherwise, you can find the documentation for the CCMS Agents on SAP Service Marketplace at the *System Monitoring and Alert Management* area (service.sap.com/monitoring).

Choose *Monitoring in Detail*, and choose the document *CCMS Agents: Features, Installation, and Usage*.

OS Collector

Documentation for SAPOSCOL: start SAP Service Marketplace, and go to the *System Monitoring and Alert Management* area (service.sap.com/monitoring).

Choose *Monitoring in Detail*, and then choose the document *SAPOSCOL: Properties, Installation, and Operation*.

3.1.3 Components for Problem Messages

In case of problems, contact SAP Support by creating a message in Service Marketplace, components:

- **BC-JAS-ADM-CEN-AIN** issues related to Solution Manager Diagnostics
- **BC-CCM-MON-CAN** issues related to Component Analyzer
- **XX-PART-MIC** Issues related to Mercury LoadGenerator
- **XX-PART-WILY** issues related to Wily Introscope

4 Installation Process

This chapter contains detailed information for installation & setup of Component Analyzer.

4.1 Installation of CA on SAP Solutions

4.1.1 Generic Setup

Installation Directory

The location of Component Analyzer depends on the platform:

- Windows: `\\saploc\ccms\component_analyzer`
- UNIX: `/usr/sap/ccms/component_analyzer`

Definition of Solution and Landscape – Step-by-step

The user interface (Java application) cannot be triggered within Solution Manager Diagnostics; it has to be started manually with command `gather setup`. This has to be done once for each monitored server (machine).

Automatic detection is triggered which result into a three step process:

- **Automatic detection successful**

The configuration is based by reading file `support.xml` that is created/updated by SAPinst based installations of SAP NetWeaver products.

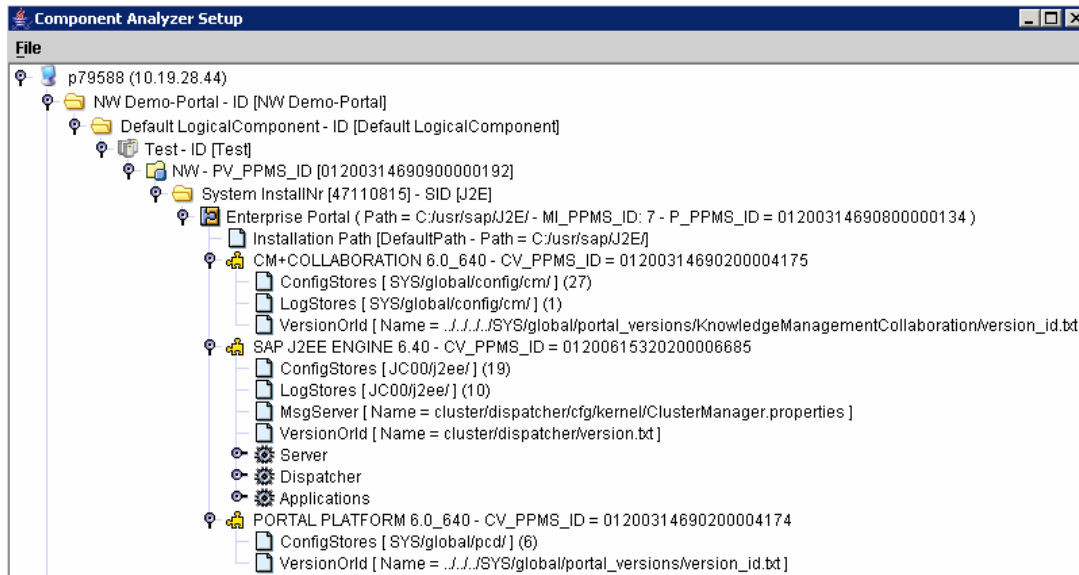


Note: Location of `support.xml`:

- Windows: `<drive:>\WINDOWS\installation_support`
- UNIX: `/usr/sap/installation_support`

Example:

1. `support.xml` created for a NetWeaver 04 Portal: refer to [support.xml](#) [see page 27].
2. Screenshot of Component Analyzer after editing names for *Solution* and *Role*:

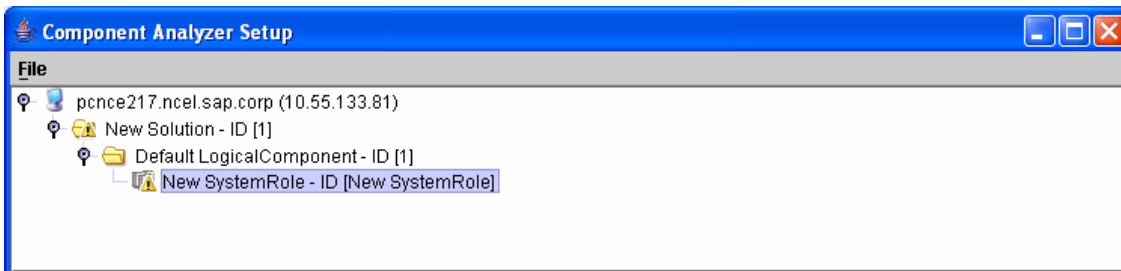


- **Automatic detection failed → manual detection required**

support.xml does not exist or SAPinst has not declared correctly the product name and set it to *Undefined*. In this case, the automatic detection does not work properly and thus manual configuration is required. More details about the manual configuration can be found in the **Component Analyzer End User Guide**.

Example:

Entry screen of Component Analyzer:



- **Verification**

In any case, the configuration (automatic or manual) requires this verification step. The configuration must be fully described and compliant with the server. By using the templates provided, wild cards (?, *) have to be replaced with actual server information.

For adding, editing, an removing actions, a context menu is available by triggering a right-click with the mouse.

By editing node *SystemRole*, you can add nodes by using *Add Node from template* and select one of the entries (e.g. change the installation as configured in support.xml, another NW product has to be selected). You will then have access to other templates under NW product to fully describe your configuration.

In addition Product node has *SystemNode*, you have to enter the following information:

- *SID*: System Identifier, e.g. J2E
- *InstallNr*: Installation number, e.g. 12345

Important information

- Node hierarchy within Component Analyzer:
Host → Solution → LogicalComponent → SystemRole → System → Products → Main Instance → Component → Instances
- The nodes which display exclamation marks (?) require manual user input: by default (for a non-detected system), *New Solution* and *New SystemRole* are both requiring an update. As soon as the configuration is complete, all exclamation marks disappear.
- If only a **SAP J2EE Engine 6.40** is installed on your system: *Product* should be *NW* and *Main Instance* must be *Java Server*. *J2EE ENGINE 6.40* becomes a component of the *Java Server* Main Instance. Instances under *Java Server* should describe your installation, including at least a *Server* and a *Dispatcher* node.
- If a **SAP NetWeaver Portal (6.40)** is installed: In some cases, *SAPinst* can have badly set the main instance value and value provided is *Java Server*. In such case, the node *Java Server* must be deleted (check below for the removal of a Node) and it must be replaced with *Enterprise Portal*. *Product* should be *NW*. Moreover the *SAP J2EE ENGINE 6.40* becomes a component of the *Enterprise Portal* Main Instance. At least *PORTAL PLATFORM 6.0_640* component also has to be configured, including a *Server* Instance.

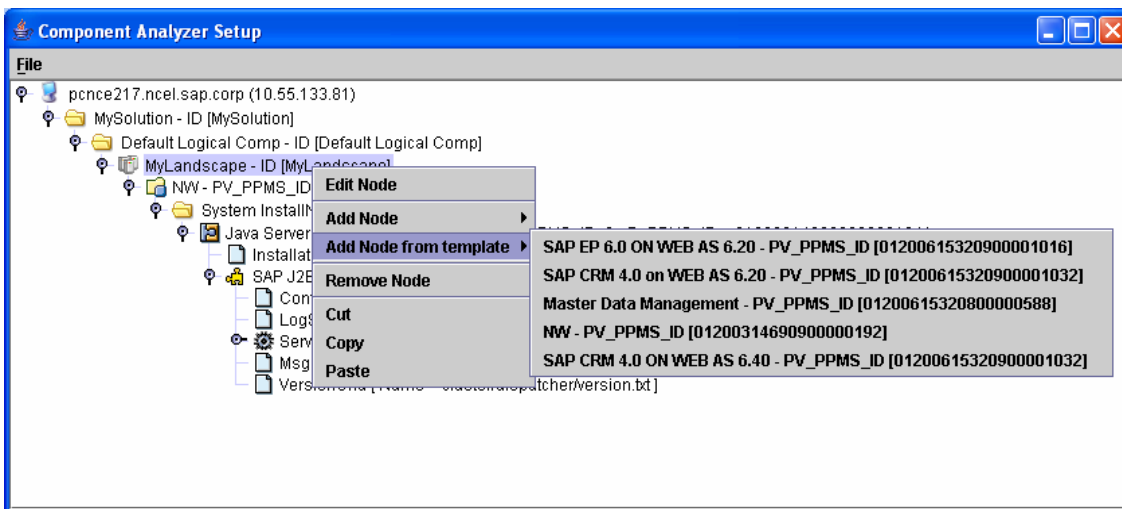
More information and details about the different configuration and usage of the Component Analyzer can be found in Component Analyzer End User Guide.

Saving System Landscape

If you save a system landscape (using the menu File → Save System Landscape File), the information is written to the file `cca_systemlandscape.xml` and the corresponding file `cca_files.xml`.

Adding / removing nodes

If you want to add or remove a node, you have to right-click in the tree. A popup menu with several choices (including *Edit Node*, *Add*, *Add Node from Template* and *Remove Entry*) will be displayed. Continue with the appropriate menu item.



4.2 Additional Steps for SAP Systems

This chapter contains additional configuration steps, depending on the SAP software solution.

4.2.1 Installation of CA on SAP Enterprise Portals

Purpose

This guide contains an additional configuration check for SAP Enterprise Portals EP 6.0 and NetWeaver Portals.

Verifying support.xml

Make sure that in configuration file `support.xml` only *one* `<MainInstance>` tag exists – and this instance is of type *Enterprise Portal*.

In some cases, `SAPinst` creates an additional `<MainInstance>` of type *Java Server* what has to be deleted.

Make sure that `support.xml` has the same structure as the example shown in [support.xml](#) [see page 27].

For an example screenshot of the correct output from `gather setup` for a SAP NetWeaver Portal, refer to [Definition of Solution and Landscape – Step-by-step](#) [see page 10].

4.2.2 Installation of CA on SAP CRM 4.0

Purpose

This guide is intended to give the additional required information to use the Component Analyzer of SAP Solution Manager Diagnostics for SAP CRM. As there are several steps required to ensure the setup is correctly done and are only necessary for SAP CRM, please make sure to perform them carefully.

Preparation

As a prerequisite and to make the installation as easy as possible, gather the following information:

- 1.) Which components are used for CRM?

Component	Used
Broadcast Messaging Server	
IC WebClient	
IPC	
IPC Web Applications	
E-Selling	
ICSS	
TREX	

- 2.) What version of J2EE Engine is being used?

Version	Used
J2EE 6.20	
J2EE 6.40	
Both are used	

- 3.) Download the CCMS installation guide for SAP CRM from SAP Service Marketplace: service.sap.com/crm-inst → *CRM 4.0*

Version	Filename

J2EE 6.20	CRM Monitoring Installation Guide on Web AS Java 6.20.pdf
J2EE 6.40	CRM Monitoring Installation Guide on NetWeaver04.pdf

Please perform the steps described in the chapter 3 and 4 of those guides for the J2EE Engine(s) and the above selected components.

For better understanding of the setup, some remarks in addition.

For each of the above components will be three elements to define the path to each of them. The first element is general and contains information like drive name and main directory on Windows systems or main directory on UNIX or Linux systems. Then there is a ConfigStore, which directs towards the component and the ConfigStore, which points to a single file or a number of files.

It is recommended to check the location of the components before starting the setup.

Starting the installation

Starting steps



Note: Always save the configuration. Otherwise, all information is only stored temporarily as long as the program is active.

For detailed information, refer to the next chapter.

Step	Description	Done
Start application	Enter gather setup in command prompt	
Edit solution	Edit the Solution with appropriate values	
Add landscape	Add landscape	
Edit landscape	Edit the landscape information	
Add Node from template	Select the CRM template for your J2EE engine	
Update values	Enter SID and installation number	

Adding CRM Components

CRM Broadcast Messaging

Step	Description	Done
Select template	Choose template for CRM Broadcast Messaging	
Edit template	Edit the node and update with the host and path information	
Search components	Search for components and verify result	

CRM IC Webclient

Step	Description	Done
Select template	Choose template for CRM IC WebClient	
Edit template	Edit the node and update with the host and path information	

Search components	Search for components and verify result	
-------------------	---	--

CRM IPC

Step	Description	Done
Select template	Choose template for CRM IPC	
Edit template	Edit the node and update with the host and path information	
Search components	Search for components and verify result	

For the *Edit template* step, be aware that the first automatically chosen directory level is the one including the /bin and /lib folder. Make sure the path before contains the required subdirectory.

Example: IPC is installed in C:\SAP\IPC40\IPC\BIN, the correct path would be C:\SAP\IPC40\IPC.

IPC Web Applications

Step	Description	Done
Select template	Choose template for IPC Web Applications	
Edit template	Edit the node and update with the host and path information	
Search components	Search for components and verify result	

E-Selling

Step	Description	Done
Select template	Choose template for E-Selling	
Edit template	Edit the node and update with the host and path information	
Search components	Search for components and verify result	

Additional steps

Step	Description	Done
Check name	Check the names of your own web applications	
Add ConfigStores	Add the ConfigStores for your own application and insert the appropriate values	
Add ConfigStore	Add the files from the table below as ConfigStore in the newly added ConfigStores	
Repeat last 2 steps for all of your own applications		
Add LogStores	Add the LogStores and enter the same path for the component as mentioned above	
Add LogStore	Add the directory listing from the following table to the LogStore	
Insert the XCM directory	Check the XCM directory of the standard	

	application and enter it for the sap webapps you customized	
Update the Alias of the standard applications	Insert a 'speaking' description like <i>SAP <webappdesc.></i> for the deployed standard applications in the appropriate ConfigStores	

ConfigStore

Name	Type	Alias	AbsPath
root/WEB-INF/docs/version.txt	properties	CUST <webappdesc.>	
Root/WEB-INF/web.xml	XML	CUST <webappdesc.>	
Root/WEB-INF/config.xml	XML	CUST <webappdesc.>	
Root/WEB-INF/cfg/log-config.properties	txt	CUST <webappdesc.>	
Root/WEB-INF/cfg/*.xml	XML	CUST <webappdesc.>	
Root/WEB-INF/xcm/customer/modification/*.xml	XML	CUST <webappdesc.>	
<tag value found in the web.xml>/*.xml	XML	CUST <webappdesc.>	Y

LogStore

Name
root/WEB-INF/logs/*.log

Note: If standard paths were modified, adjust the values given here for a standard installation.

CRM ICSS

Step	Description	Done
Select template	Choose template for E-Selling	
Edit template	Edit the node and update with the host and path information	
Search components	Search for components and verify result	

Additional steps

Step	Description	Done
Check name	Check the names of your own web applications	
Add ConfigStores	Add the ConfigStores for your own application and insert the appropriate values	
Add ConfigStore	Add the files from the table below as ConfigStore in the newly added ConfigStores	

Repeat last 2 steps for all your own applications		
Add LogStores	Add the LogStores and enter the same path for the component as mentioned above	
Add LogStore	Add the directory listing from the following table to the LogStore	
Insert the XCM directory	Check the XCM directory of the standard application and enter it for the sap webapps you customized	

ConfigStore

Name	Type	Alias	AbsPath
root/WEB-INF/docs/version.txt	properties	CUST <webappdesc.>	
Root/WEB-INF/web.xml	XML	CUST <webappdesc.>	
Root/WEB-INF/config.xml	XML	CUST <webappdesc.>	
Root/WEB-INF/cfg/log-config.properties	txt	CUST <webappdesc.>	
Root/WEB-INF/cfg/*.xml	XML	CUST <webappdesc.>	
Root/WEB-INF/xcm/customer/modification/*.xml	XML	CUST <webappdesc.>	
<tag value found in the web.xml>/*.xml	XML	CUST <webappdesc.>	Y

LogStore

Name
root/WEB-INF/logs/*.log

Note: If standard paths were modified, adjust the values given here for a standard installation.

TREX

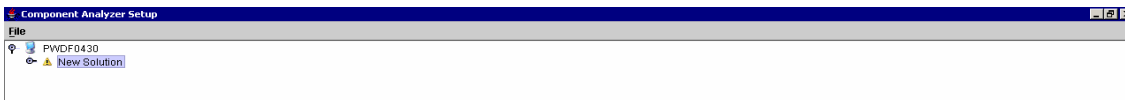
It is only necessary to provide the correct subdirectory in the node path.

Step by Step Installation

Starting Steps

Navigate to the directory where Component Analyzer is installed and open a command prompt.

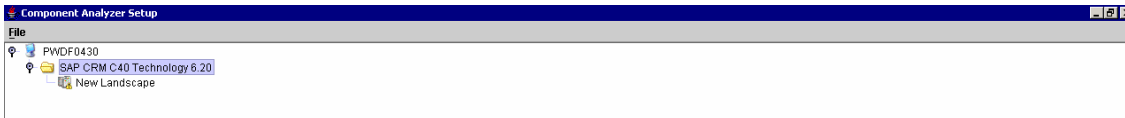
Start the setup by typing: **gather setup**. The appearing screen should look like the screenshot below.



Right-click in line *New Solution* and choose the option *Edit Node*.

Enter any name to describe your CRM solution.

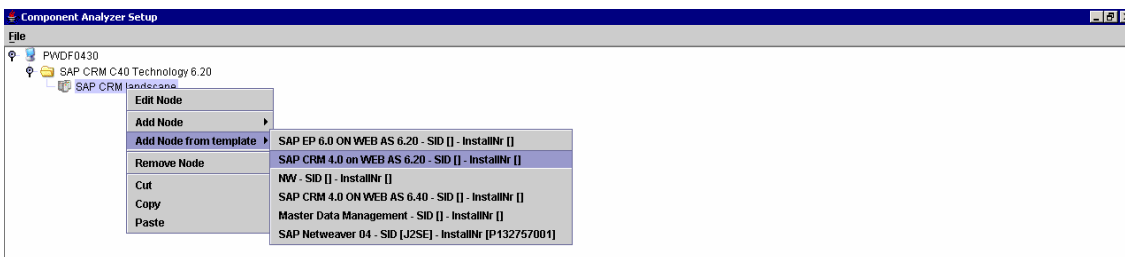
After this, expand the tree to enter the landscape.



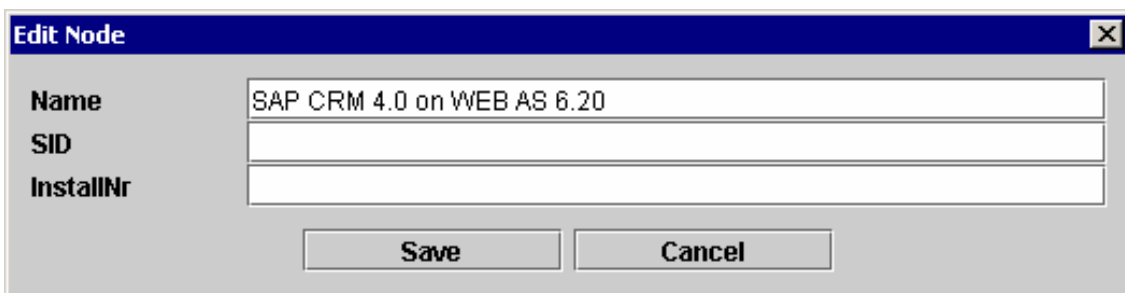
Right-click in line *New Landscape* and choose again the option *Edit Node*, provide a landscape name.

Right-click the landscape, and select the option *Add Node from template*. Choose the template according to the installation on your host.

As the path for the different J2EE Engines vary, select the template for your J2EE Engine version. If you have installed both versions (6.20 & 6.40) on your server, you have to do the steps for both Engines with the installed components in sequence.



Again mark the new line, and right-click to choose *Edit Node*.

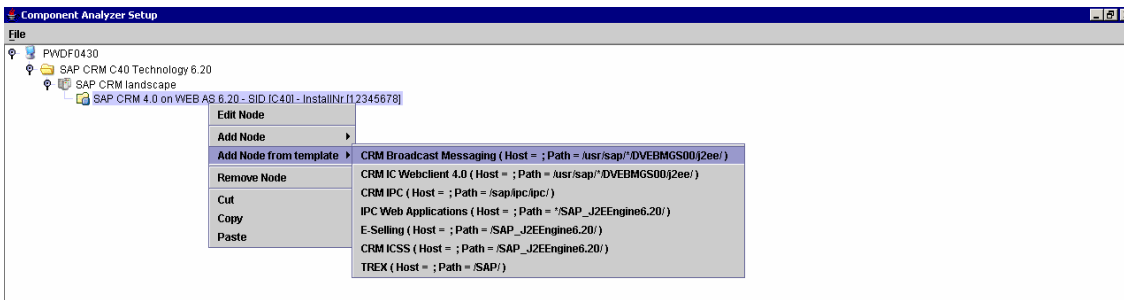


For SAP J2EE Engine 6.20, there is no SID available and you can enter any SID and installation number. It is recommended, however, using the SID and installation number of your CRM system.

Now the basis configuration of the landscape is finished and you can start with the detail installation.

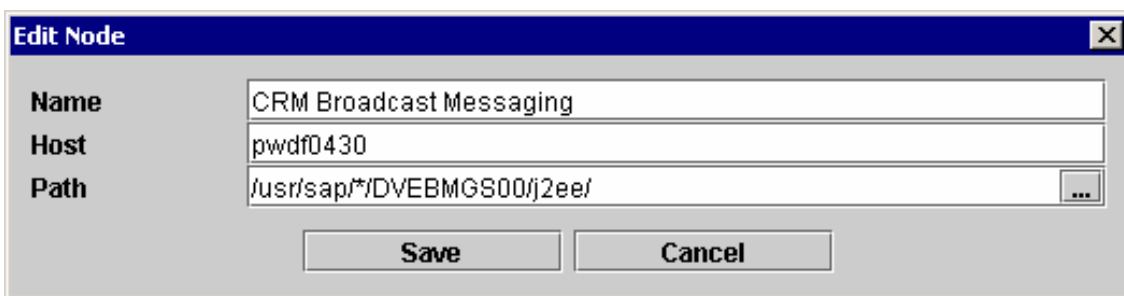
Adding CRM components

The following part is used for all components. The screenshots and the description are based on CRM Broadcast Messaging, but are similar for all other scenarios. Just replace *CRM Broadcast Messaging* with the name of your component.



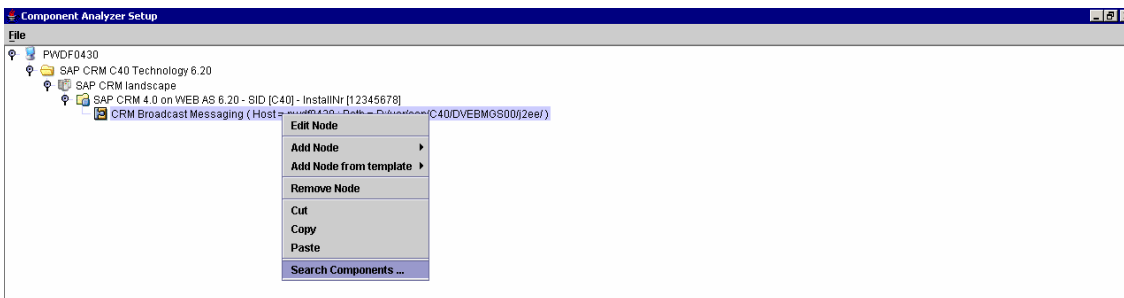
Mark the system line and right-click to select the option *Add Node from template*. Afterwards, select *CRM Broadcast Messaging*.

Mark the new line, right-click and choose *Edit Node*. The following pop-up appears:



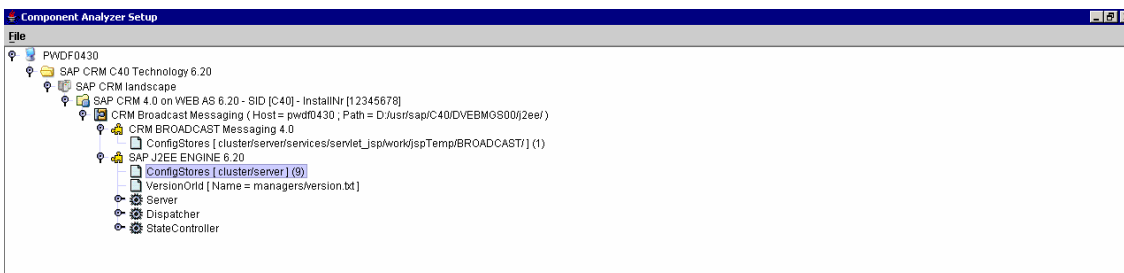
Enter the host name and select the dots for the path to the J2EE Engine. Search for the cluster subdirectory in the J2EE Engine path. Then go back one directory and mark the appropriate subdirectory. If the operation succeeded, the yellow triangle before the component name disappears. Otherwise recheck the path by Edit Node.

Again, mark the line and right-click. Then select *Search Components*.



If running properly, the J2EE Engine and the Web Apps were found automatically.

The final picture should look like the following screenshot:



Additional tasks for E-Selling and ICSS

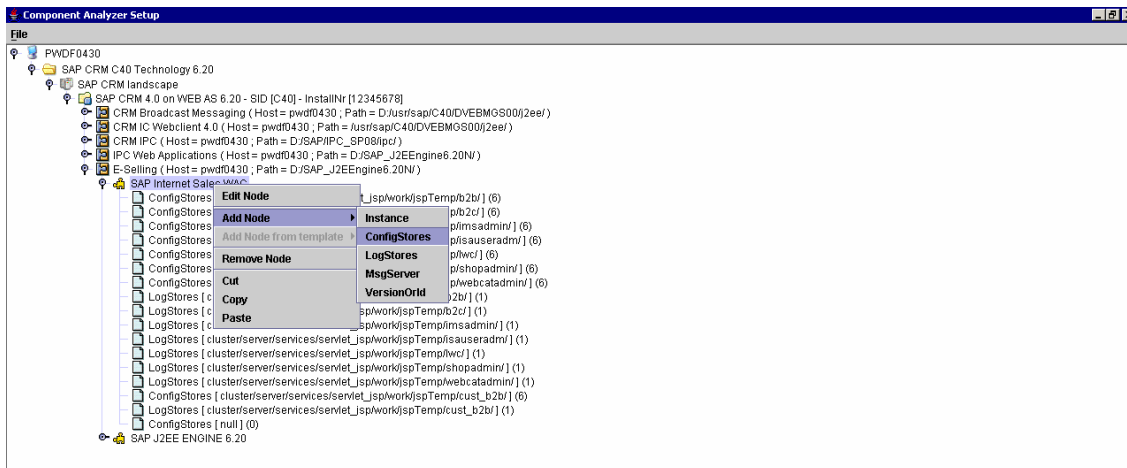
In this area the setup is more complex and requires additional work. After searching for the components, additional work has to be done. Before you continue, please check within your landscape, under which name you have installed your productive applications.

For this **b2b** installation example, we will admit that installation followed SAP standards and you have a SAP standard application installed as *b2b* and a modified application installed in *cust_b2b*. These are no mandatory names, just a recommended naming convention.

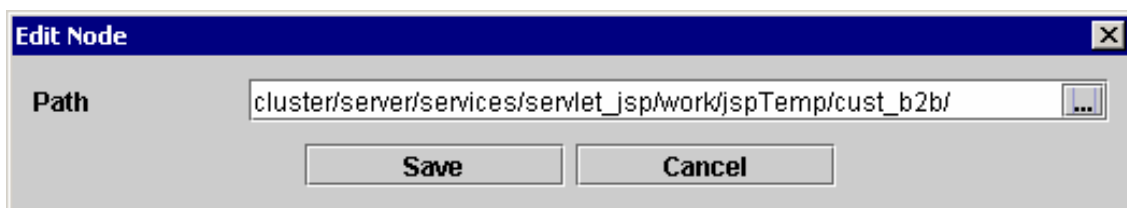


Note: For **b2c** and **icss** the same procedure can be executed.
The definition of standard aliases is not necessary for **icss** applications

The standard template just contains the b2b application directory. This makes it necessary to add customer defined config and log stores. Therefore, right-click line *SAP Internet Sales WAC*, and select Add Node → Config Stores.

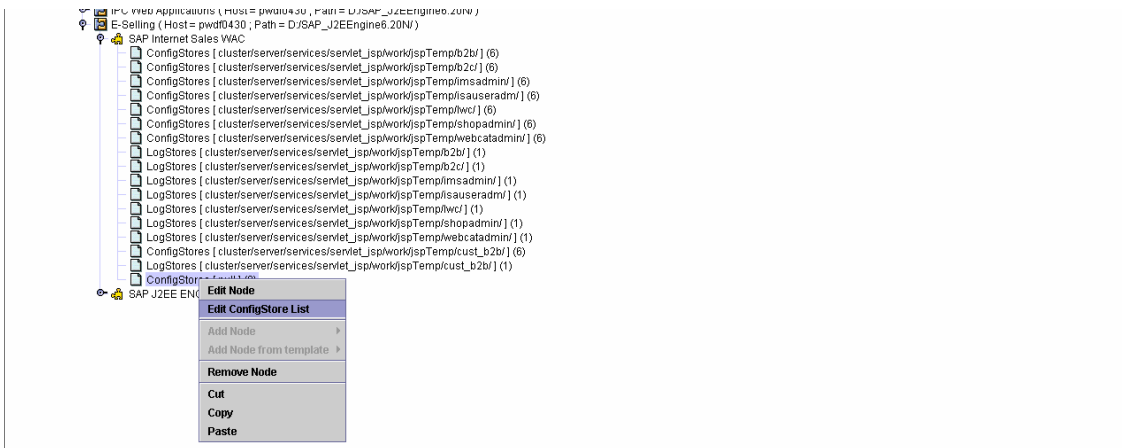


Mark the new *Configstores* Entry, right-click and select *Edit Node*

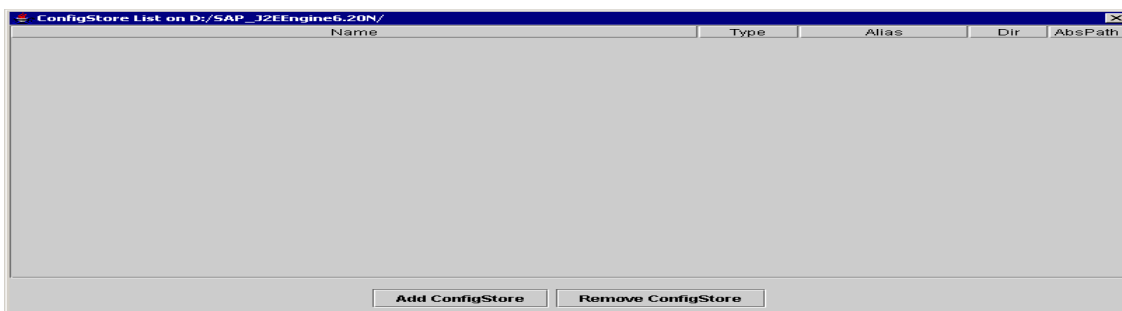


Add the relative path to your application in the selection box and choose pushbutton **Save**.

Mark the new *Configstores* entry, right-click and select *Edit Config Store List*.



A new pop-up window appears:



Choose pushbutton *Add ConfigStore*. Afterwards, a new line appears:



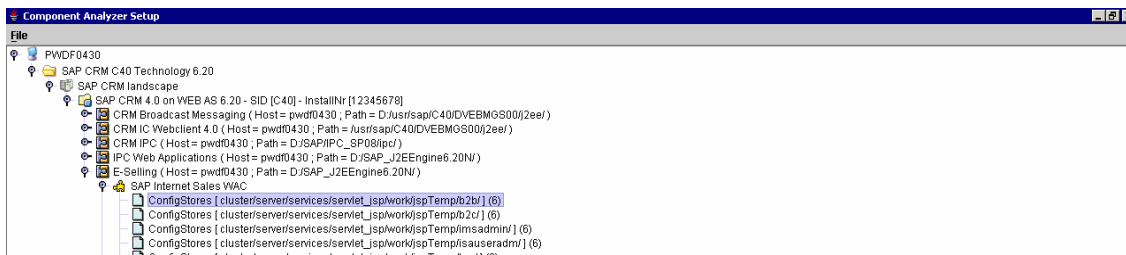
Double-click in the *Name* field of the line and enter the following values:

Name	Type	Alias
root/WEB-INF/docs/version.txt	properties	CUST B2B
Root/WEB-INF/web.xml	XML	CUST B2B
Root/WEB-INF/config.xml	XML	CUST B2B
Root/WEB-INF/cfg/log-config.properties	txt	CUST B2B
Root/WEB-INF/cfg/*.xml	XML	CUST B2B
Root/WEB-INF/xcm/customer/modification/*.xml	XML	CUST B2B

In addition, you have to find out the XCM directory of your installation. This can be found within *web.xml* in the tag *customer.config.path.xcm.config.isa.sapmarkets.com*

Name	Type	Alias	AbsPath
<tag value found in the web.xml>/*.xml	XML	CUST B2B	Y

After this was done, please go to the *b2b ConfigStores* line, right-click and select *Edit ConfigStores List*. Add in all lines *SAP B2B* (only recommended value) as Alias. In addition, add the XCM for this b2b application.



Next, again right-click on *SAP Internet Sales WAC*, and select *Add Node* → *LogStores*

Select the new line, right-click and select *Edit Node*. Enter the same path as for the *ConfigStores*.

Afterwards, right-click again and select *Edit LogStore List*.

Click the *Add LogStore* pushbutton. As name, please add:

Name
root/WEB-INF/logs/*.log

4.2.3 Installation of CA on xMII 11.5

Purpose

This guide is intended to give the additional required information to use the Component Analyzer of SAP Solution Manager Diagnostics for SAP xMII 11.5.

Preparation

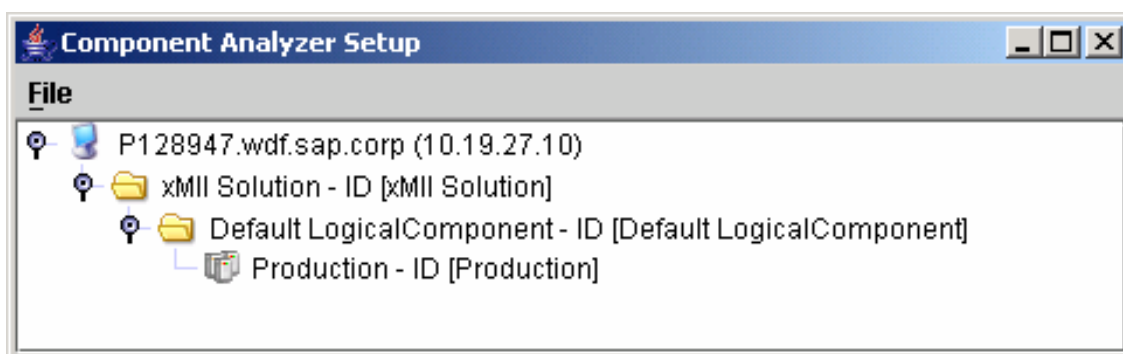
Open **SAP Note 903825** and download the attached file `cca.template.xml.640` to the location of the Component Analyzer. Refer to [Installation Directory](#) [see page 10] for the location of CA.

Starting the installation

Navigate to the directory where Component Analyzer is installed and open a command prompt.

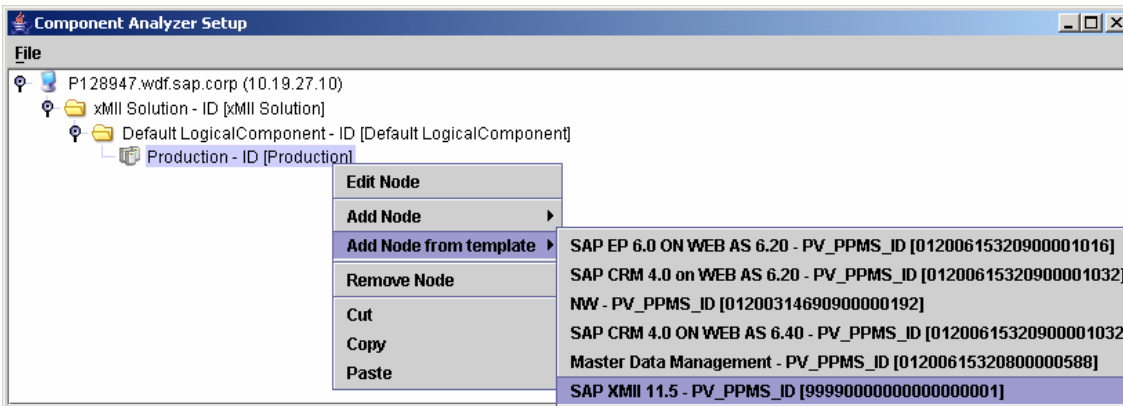
Start the setup by typing: **gather setup**. Define and setup the solution and system role description as described in chapter [Definition of Solution and Landscape – Step-by-step](#) [page 10] if this was not already done by a previous setup for other components on this host.

You will see a screen like this:

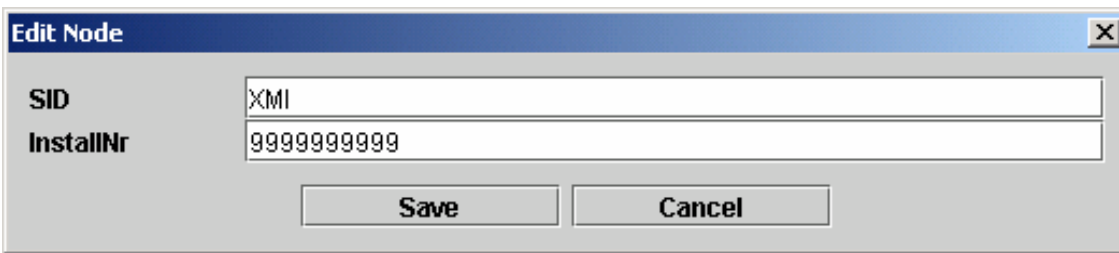


Adding xMII Components

Right-click the system role (in the example named *Production*), and select the option *Add Node from template*. Choose the template *SAP XMII 11.5*.

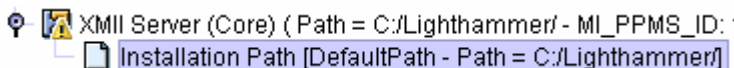


Open the newly added node and mark the *System* sub node. Right-click and choose *Edit Node*. If you have connected xMII to an SAP Web Application server system it is recommended to add the SID and installation number of the connected WAS – otherwise enter *XMI* as SID and *999999999* as installation number.

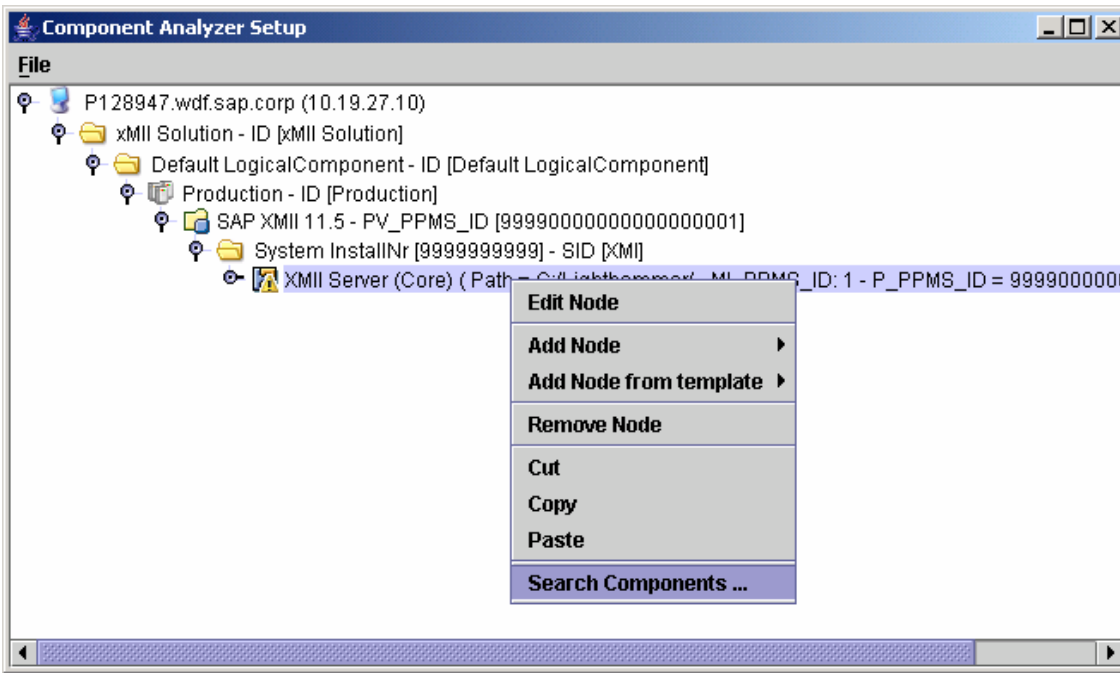


Mark the last node (named *System*) and via Right-click choose *Add Node from template*. Choose the template *XMII Server (Core)*. The default installation path for the XMII Server component is set to *c:/Lighthammer*.

If this cannot be found a yellow explanation mark is shown for the XMII Server component and you have to adjust it via *Edit Node* on the *Installation Path* sub node.



If the installation path can be found the explanation mark disappears and you can automatically add subsequent components: mark the *XMII Server (Core)* node, right-click and select *Search Components...*

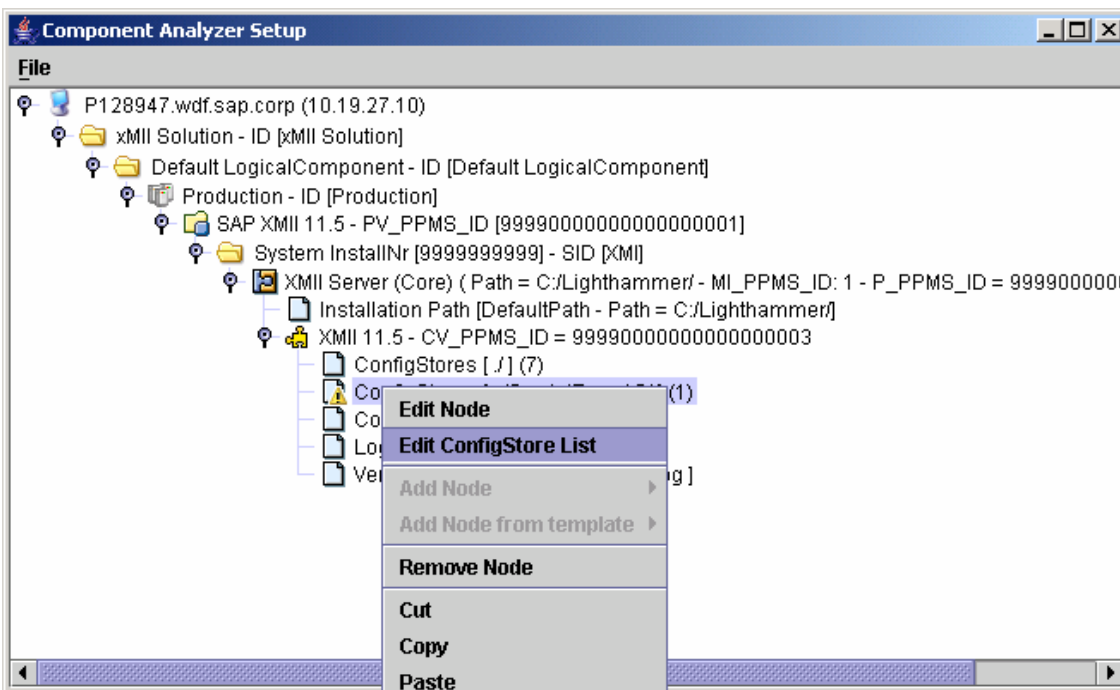


This will add the sub node *XMII 11.5* with several sub nodes. There are also directory locations added for the New Atlanta Servlet Exec and the Microsoft Internet Information Server components. By default these are set as relative paths to the XMII installation directory. If they were installed on a different directory the corresponding *ConfigStores* sub nodes will show the yellow exclamation mark. Only in that case you have to adjust the directories as described in [Update directories for Servlet Exec or IIS](#) [page 24].

Update directories for Servlet Exec or IIS

Skip this chapter if you have no yellow exclamation marks in *ConfigStores* nodes.

Mark the *ConfigStores* node showing the exclamation mark. Right-click and choose *Edit ConfigStore List*.



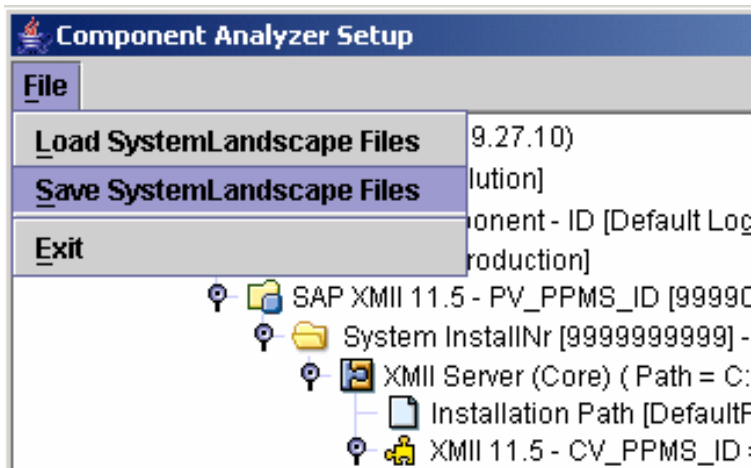
Within the popup you find a comma separated list of relative file paths (e.g. *.jar,*.dll). For each entry in this list the absolute path to the related component (Servlet Exec or IIS) has to be added. The Servlet Exec component is usually installed under a directory named *ServletExec AS* while the IIS is usually installed under a directory named *Inetpub*. Additionally you have to change the attribute *AbsPath* to Y (by clicking on the empty field under the *AbsPath* column and selecting Y). The following example shows what to enter if Servlet Exec was installed on D: drive while XMII was installed on a different drive.

Name	Type	Alias	Dir	AbsPath
D:/Servlet AS/*.jar,D:/Servlet AS/*.dll	jardll		recFull	Y

Then exit the popup via the window close button. The data will be automatically updated in the tree.

Finish Component Analyzer setup

If no more exclamation marks remain in the complete solution tree you have to save the new configuration via the menu *File* → *Save SystemLandscape Files*.



Exit Component Analyzer setup via *File* → *Exit*.

4.3 Installation Steps for Non-SAP Systems

This chapter contains additional configuration steps, depending on the software solution.

4.3.1 Generic Setup



Note: For non-SAP software solutions, the Component Analyzer configuration files `cca_systemlandscape.xml` & `cca_files.xml` have to be modified *before* running `gather setup`.

`cca_systemlandscape.xml`

This XML file contains basic information about the software system, its components etc.

The following tags have to be filled with valid information:

<Solution Name>:	name of your solution, e.g. <i>Apache</i>
<SystemLandscape Name>:	name of your landscape, e.g. <i>Test</i>
<Product Name>:	name of the product, e.g. <i>Apache Web server</i>
<Main Instance	
Name:	name of the main – or the only – instance, e.g. <i>Apache</i>
Host:	full-qualified host name, e.g. <i>P135635.wdf.sap.corp</i>
Path:	absolute path of the software, e.g. <i>C:/Program Files/Apache Group/</i> <i>Note: use forward slashes (/), even on Windows platforms!</i>
<Component Name>:	name of each software component, e.g. <i>Webserver</i>
<ConfigStores Path>:	configuration path related to Main Instance Path, e.g. <i>Apache2/conf</i>
<LogStores Path>:	log file path related to Main Instance Path, e.g. <i>Apache2/logs</i>

See [cca_systemlandscape.xml](#) [see page 27] for a configuration example based on the Apache2 web server.

cca_files.xml

This XML file contains detailed information about the configuration and log files of the software system.

The following tags have to be filled with valid information:

<Product Name>:	name of the product, e.g. <i>Apache Web server</i>
<Main Instance Name>:	name of the main – or the only – instance, e.g. <i>Apache</i>
<Component Name>:	name of each software component, e.g. <i>Webserver</i>
<ConfigStore Name>:	file name of each configuration file, e.g. <i>httpd.conf</i>
<LogStore Name>:	path name of each LogStore, e.g. <i>log</i>

See [cca_files.xml](#) [see page 27] for a configuration example based on the Apache2 web server.

5 Additional Information

7.1 Example Files

This chapter contains example files depending on the solution installed.

7.1.1 Example Files for SAP Enterprise Portal

support.xml

```
<?xml version="1.0" encoding="iso-8859-1"?>
<Installation_Support>
  <MainInstance localdir="C:\usr\sap\J2E" name="Enterprise Portal" product="NW"
release="04SR1">
    <GlobalDir>C:\usr\sap\J2E</GlobalDir>
    <Host>p79588.wdf.sap.corp</Host>
  </MainInstance>
</Installation_Support>
```

7.1.2 Example Files for Apache 2 Web Server

cca_systemlandscape.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<Solution Name="Apache">
  <SystemLandscape Name="Test">
    <Product Name="Apache Web server" SID="APA" InstallNr="47110815">
      <MainInstance Name="Apache" Host="P135635.wdf.sap.corp" Path="C:/Program
files/Apache group/">
        <Component Name="Webserver">
          <ConfigStores Path="Apache2/conf/" />
          <LogStores Path="Apache2/logs/" />
        </Component>
      </MainInstance>
    </Product>
  </SystemLandscape>
</Solution>
```

cca_files.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<FileList>
```

```
<Product Name="Apache Web server">
  <MainInstance Name="Apache">
    <Component Name="Webserver">
      <ConfigStore Name="httpd.conf" Type="txt" />
      <ConfigStore Name="magic" Type="txt" />
      <ConfigStore Name="mime.types" Type="txt" />
      <LogStore Name="log" Type="log" />
    </Component>
  </MainInstance>
</Product>
</FileList>
```