



▶▶ **SSA® ERP LN 6.1**

Specific Installation Guide

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About this Guide

This document is an Installation Guide that describes Service / Feature Pack-specific issues such as the following:

- Service / Feature Packs and new installations
- Service / Feature Pack upgrades from SPx to SPy
- Service / Feature Pack and Language Pack installations
- Service / Feature Packs and online Help installation

This document is intended for SSA ERP LN Installers, database administrators, and application and system administrators.

Understanding the contents is easier if you are familiar with how ERP LN is structured with the following:

- Package VRCs
- Package combinations
- Derived-from structure

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We continually review and improve our documentation. Any remarks/requests for information concerning this document or topic are appreciated. Please e-mail your comments to documentation@ssaglobal.com.

In your e-mail, refer to the document number and title. More specific information will enable us to process feedback efficiently.

Chapter 1

Service / Feature Packs and New Installations

1

This chapter describes how to handle Service Packs if you want to install a new version of ERP LN.

For information about new installations, refer to the following documents:

- *Preinstallation Guide for UNIX (U8073 US)*
Describes how to install on a system with a UNIX operating system
- *Preinstallation Guide for Microsoft Windows (U8072 US)*
Describes how to install on a system with a Windows operating system
- *Overall Installation Guide for SSA® ERP LN Products (U8204 US)*
Provides specific information about a new installation
- *Technical Notes for SSA® ERP LN Tools (U8333 US)*

Note: You always create a new staging area from which to install. Reuse of an existing area can cause problems.

To install the Service / Feature Pack together with the ERP LN software in one run, you must choose the following installable units:

- PMC ERP applications
- PMC ERP Tools
- SSA Installation Wizard
- SSA License Manager
- SSA ES Porting set

- SSA ERP LN standard master data
- SSA ERP LN 6.1
- SSA Enterprise Server
- SSA Staging Wizard SSA ERP LN sample data
- SSA ERP LN demo data

Optional are:

- SSA Application Services Manager
- SSA ERP LN Enterprise Business Model
- SSA ERP LN Master Data Implementation model
- SSA ERP LN Demo Model

The *Overall Install Guide for SSA® ERP LN Products* (U8204 US) provides an example installation of a new SSA ERP LN 6.1 installation.

Chapter 2

Upgrade SSA ERP LN 6.1 to Service Pack 1 (SP1)

2

Upgrade scenarios

Upgrade the Update VRC with companies

In this situation, the SP1 update is installed in the Update VRC that has companies attached by means of a package combination.

This chapter describes the following:

- Prerequisite for SP1 upgrade
- Prerequisite for company upgrade
- Installation procedure
- Postinstallation steps

Note: During the scenario upgrade, you can skip the “Upgrade companies to SP1 level” section.

Upgrade Update VRC and companies

In this process, you must first upgrade the selected Update VRC to SP1 level. Subsequently, you must upgrade the companies to the package combination of that Update VRC.

This process requires an additional Update VRC in the ERP LN environment. If not already available, you must manually create this Update VRC before you begin the installation procedure. For more details, refer to “Generation and Use of Update VRCs” in the *SSA® ERP LN 6.1 Product Maintenance and Control (PMC) Recipient Guide* (U8616A US).

Prerequisite for SP1 upgrade

Refer to the *SSA® Enterprise Server 7 SP1 - Technical Notes* (U8683A US) for details on supported platforms and specific installation related issues.

Check solution 201154 on www.support.baan.com for the latest information on this Service Pack.

Before you install SSA ERP LN 6.1 Service Pack 1 (SP1), you must install the solution 147020.

Note: If you perform this installation on a Microsoft Windows platform, be sure to clean up shared memory, as described in Chapter 6 of the *SSA® Enterprise Server 7 SP1 Technical Notes* (U8683A US).

Solution 147020, and other solutions are available by means of OnePoint Support www.support.baan.com.

Note: In some cases, you must install earlier PMC solutions, as well.

After you install solution 147020, run the following sessions:

- Compile Labels (ttadv1243m000)
- Create Runtime Tools (ttadv5213m000), including dump data definitions

Identify which installable units must be installed. The following sections describe the installable units provided.

Prerequisite for company upgrade

Before you can upgrade the package combination to which your companies belong to SP1 level, be sure to run the Generate Order Planning (cprp1210m000) session for all scenarios and with full range unless used otherwise in your situation.

SSA Enterprise Server 7.6 SP1 installable units

SSA Staging Wizard 1.8

The Wizard that you can use to build a so-called staging area, a storage place for the various installable units before the actual installation is performed.

You must install this unit during an upgrade to SP1.

SSA Installation Wizard 10.2.0

The SSA Installation Wizard 10.2.0 is the wizard that you can use to perform the installation or update of the ERP environment based on the installable units available in the staging area.

You must install this unit during an upgrade to SP1.

SSA License Manager 2.2.0.5

This installable unit installs and updates both the SLM client and SLM server on the system specified for installation.

The client of this SLM version must be installed on the SSA ERP LN 6.1 server.

SSA Enterprise Server Porting Sets 7.6a.01

The SSA Enterprise Server virtual machine is the basis on which the ERP LN application runs. For each supported operating system platform, a porting set is provided. You **must** select the porting set relevant to your system during an upgrade to SP1.

SSA Enterprise Server 7.6 PMC Solutions

SSA Enterprise Server 7.6 PMC Solutions are the set of solutions required to upgrade Enterprise Server to SP1 level.

SSA ES Application Service Manager 1.2

You mainly use SSA ES Application Service Manager 1.2 in combination with SSA Technology Architecture to manage the number of Adapters for ERP servers related to the load.

Installation of this installable unit is optional.

SSA ERP LN 6.1 SP1 installable units

SSA Staging Wizard 1.8

The Staging Wizard is a required unit. However, the wizard might already have been selected during the installation of SSA Enterprise Server 7.6 SP1.

SSA Installation Wizard 10.2.0

The Installation Wizard is a required unit. However, the wizard might already have been selected during the SSA Enterprise Server 7.6 SP1 installation.

SSA ERP LN 6.1

SSA ERP LN 6.1 (Build 22) is the basis set of ERP LN 6.1. Do **not** select this installable unit during an upgrade to SP1.

SSA ERP LN 6.1 PMC Solutions

The set of solutions required to upgrade ERP LN 6.1 to SP1 level.

SSA Decision Manager 2.3.1

Do not install Decision Manager during an upgrade to ERP LN SP1. The Decision Manager requires a separate installation.

If Decision Manager 2.3 will work with SSA ERP LN 6.1, be sure to install solution 135632, as well.

SSA Decision Manager is no longer delivered with Feature Pack 2, as the functionality of Sales and Purchase Statistics is integrated in ERP LN 6.1 FP2 itself.

SSA Baan Dynamic Enterprise Models

SSA ERP LN Enterprise Business Model, Version 3.6

Contains functions and processes based on the relevant distribution and production typologies supported in the ERP LN functionality. If you select the typologies relevant for your business, you can simplify the use of the ERP LN functionality.

Note: You must purchase the Enterprise Business Model. With the license code to be provided, you can start to use the model.

SSA ERP LN 6.1 Demo Model

SSA ERP LN Enterprise Business Model 3.6 (Build 23) and SSA ERP LN 6.1 Demo Model (Build 22) provide demo models for Demo Company 090.

SSA Baan ERP master, sample, and demo data

SSA ERP LN Standard Master Data

- Company 000
Currencies and domain segmentation

- Company 050
Basic generic master data, which you can use as a basis to set up production companies

SSA ERP LN 6.1 sample data

Company 070: Example master data, such as sales types, not intended as a basis for new companies

SSA ERP LN 6.1 demo data

This build provides a demo company 090 with limited transactional data to show functionality of ERP LN 6.1

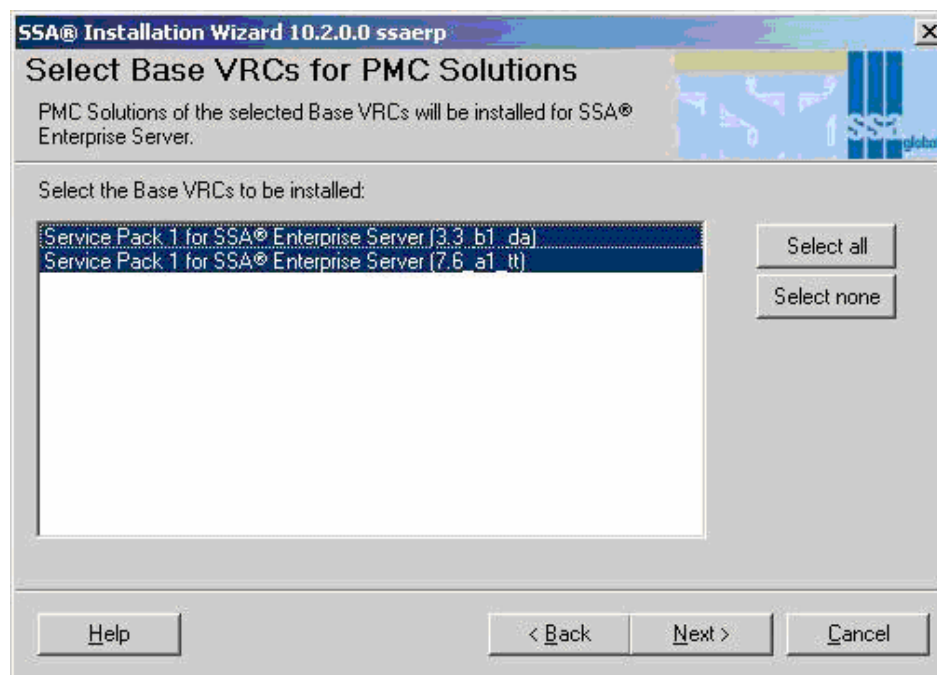
Note: SSA recommends that you install all demo data companies, because an upgrade of the existing sample companies is not permitted and the SP1-related master-data company includes some new master data.

Installation procedure

Refer to Chapter 5, “Installation steps,” which describes the actual update. Note that you install the appropriate installable units mentioned for the SP/FP you install.

In Step 12, select the following VRCs for upgrade to SP1:

- Service Pack 1 for SSA Enterprise Server (3.3_b1_da)
- Service Pack 1 for SSA Enterprise Server (7.6_a1_tt)



Installation instructions for ERP LN SP1 and Intrastat

This section is intended for all ERP LN companies that conduct business in the European Union and that are, therefore, subject to Intrastat regulations.

You must run the following sessions:

- Implemented Software Components (tccom0500m000)
- Intra EU Transaction Parameters (tccom7500m000)

What has changed in SP1?

A new field, **Financial Company**, has been added to the Intra EU Transaction Parameters (tccom7500m000) session. The reason for this is because Intrastat reports are provided by country, which is reflected in ERP LN by at least one financial company.

What user action is required after installation of SP1?

By default, the new **Financial Company** field has the value **000**. This section describes what you must do to continue to work with Intrastat. If you do not use the Intrastat functionality, you can skip this section.

To check whether Intrastat is used, check the Implemented Software Components (tccom0500m000) session. If the **EU Statistical Reporting** check box is not selected, Intrastat is not used.

If this check box is selected, you must find out which of the following four company setups is applicable:

- Single logistic, single finance
- Single logistic, multi-finance
- Multi-logistic, single finance
- Multi-logistic, multi-finance

Single logistic, single finance

If this situation is applicable, fill in the **Financial Company** field with the number of the financial company. You must also ensure that the **Intrastat** check box is selected in the Implemented Software Components (tccom0500m000) session for this financial company.

Single logistic, multi-finance

In this case, you must do the following. Currently, in the Intra-EU Transaction Parameters (tccom7500m000) session only one record will be available. Suppose N financial companies are used, of which m ($n > m$) are financial companies that are located in the European Union. In this case, you must create M records manually in the Intra-EU Transaction Parameters (tccom7500m000) session. You must also ensure that the **Intrastat** check box is selected in the Implemented Software Components (tccom0500m000) session for each of these M financial companies. For all logistic companies, this parameter is not applicable.

Multi-logistic, single finance

Refer to “Single logistic, single finance.” The same logic applies here.

Multi-logistic, multi-finance

Refer to “Single logistic, multi finance.” The same logic applies here.

Post installation

Continue with Chapter 7, "Post-Installation Steps."

Chapter 3

Upgrade SSA ERP LN 6.1 SP1 to FP2

3

This chapter describes the upgrade of Service Pack 1 to Feature Pack 2.

Prerequisites

For details on supported platforms and specific installation related issues, refer to the *SSA® Enterprise Server 8.2 - Technical Notes (U8891A US)*

Before you can start the installation on a UNIX platform you must delete or move the shm_param file in the directory \$BSE/lib.

If you perform this installation on a Microsoft Windows platform, be sure to clean up shared memory, as described in the *SSA® Enterprise Server 8.2 Technical Notes (U8891 US)*.

The installation automatically creates a new shm_param file.

Check solution 205962 on www.support.baan.com for the latest information on this Feature Pack.

Install solution 200846 before you start the installation. Solution 200846 has prerequisite solutions that might not yet be installed. You must install these solutions, as well.

Solutions are available by means of OnePoint Support www.support.baan.com.

Note: In some cases, you must install earlier PMC solutions, as well.

Identify which installable units must be installed. The following sections describe the installable units provided.

Domain constraint validation

Before you upgrade your companies to a newer Feature Pack, SSA strongly advises you to check if the data meets the defined constraints.

Data insertion that does not meet the constraints can occur if, for example, you run bdbimports with the option to ignore domain constraints.

If the current data does not meet the domain constraints, this can lead to corrupted data after the (company) upgrade.

Take following steps:

- 1 Start the Validate Data Integrity (ttaad4233m000) session.
- 2 Perform the check for each company that is scheduled for migration.

If you run the session, make sure that you run the session from the package combination of the selected companies.

Validate Data Integrity

Selection Range

	From	To
Company	050	050
Package		zz
Table		zzz999

Options (bdbvalidate)

Maximum errors table: 999999

Buttons: Continue, Close, Save Defaults, Get Defaults, Add to Job..., Help

Session ID: ttaad4233m000 000

You can run this session during online hours, because this session performs select statements only on the data.

The session runs for quite a while, therefore, SSA Global recommends that you split the session into multiple runs, for example, by company.

After each run, check the output of the session and take corrective actions if required.

Tax numbers

During migration from SP0/SP1 to FP2, special attention is required for the new tax setup in FP2. More details about the new solution are available in the Version Definition, the Function & Features document, and in the online Help of FP2.

Refer to Chapter 4, “Upgrade SSA ERP LN 6.1 to FP2,” for more specific information about this section.

The installable units to select

SSA Enterprise Server Porting Set 7.6b

The SSA Enterprise Server virtual machine is the basis on which the ERP LN application runs. For each supported operating system platform, a porting set is provided. You **must** select this porting set relevant to your system.

SSA License Manager 2.3

This installable unit installs and updates both the SLM client and SLM server on the system specified for installation.

The client of this SLM version must be installed on the SSA ERP LN 6.1 server.

SSA ES Application Service Manager 1.2

You mainly use SSA ES Application Service Manager 1.2 in combination with SSA Technical Architecture to manage the number of Adapters for ERP servers related to the load.

Installation of this installable unit is optional.

SSA Enterprise Server 7.6 PMC Solutions

SSA Enterprise Server 7.6 PMC Solutions are the set of solutions required to upgrade Enterprise Server to FP2 level.

SSA ERP LN 6.1 (Application) PMC Solutions

The set of solutions required to upgrade ERP LN 6.1 to FP2 level.

SSA Baan Dynamic Enterprise Models (if required)

SSA ERP LN Enterprise Business Model, Version 3.6

This model contains functions and processes based on the relevant distribution and production typologies that are supported in the ERP LN functionality. Selecting the models relevant for your business, the use of the ERP LN functionality can be simplified.

Note: You must purchase the Enterprise Business Model. Using the license code to be provided, you can begin to make use of the model.

SSA ERP LN 6.1 Demo Model

SSA ERP LN Enterprise Business Model 3.6 (Build 23) and SSA ERP LN 6.1 Demo Model (Build 22) provide demo models for Demo Company 090.

SSA ERP LN 6.1 Master Data Implementation Model

SSA Baan ERP master, sample, and demo data

SSA ERP LN Standard Master Data

- Company 000: Currencies and domain segmentation
- Company 050: Basic generic master data, which you can use as a basis to set up production companies

Note: SSA Global recommends that you install this standard master data company.

SSA ERP LN 6.1 sample data

Company 070: Example master data, such as sales types, not intended as a basis for new companies

SSA ERP LN 6.1 demo data

This build provides a demo company 090 with limited transactional data to show functionality of ERP LN 6.1

SSA Decision Manager 2.3.1

The functionality of Sales and Purchase Statistics, previously implemented in Decision Manager, is now included in ERP LN 6.1 FP2 itself. Decision Manager, therefore, is not included on the FP2 CD-ROM and is not currently supported.

Installation procedure

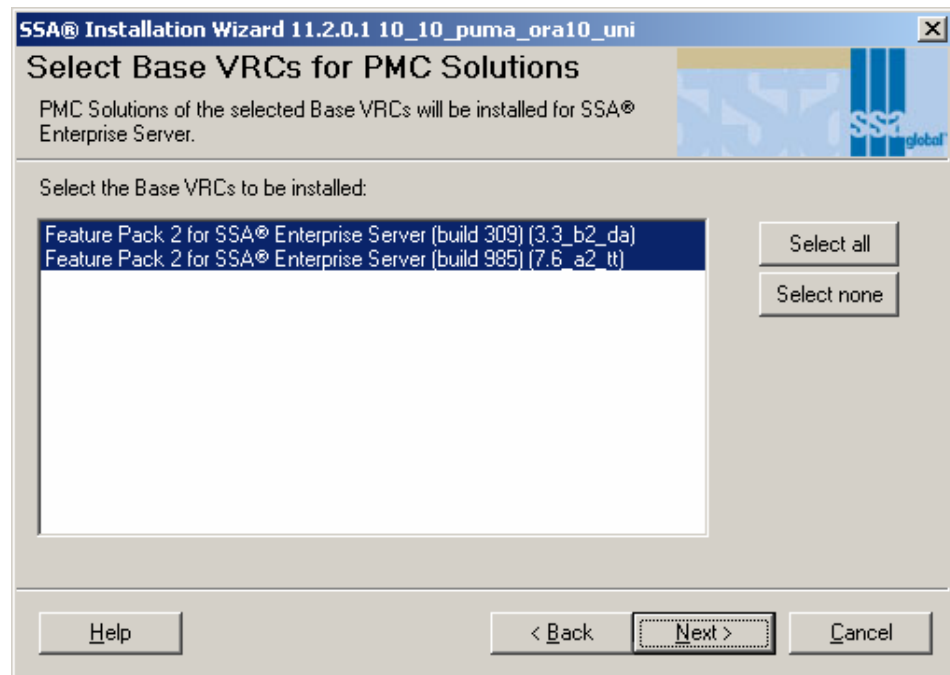
Refer to Chapter 5, "Installation Steps," which provides the actual update. Note that you install the appropriate installable units described for the FP you want to install.

If you want to create a new Package Combination during installation of Feature Pack 2 for SSA ERP LN, you must install an extra solution for SSA Enterprise Server. For more information, refer to solution 206518 in the SSA ERP Knowledge Base.

In Step 12, select the following VRCs for upgrade to FP2:

- Feature Pack 2 for SSA Enterprise Server (3.3_b2_da)
- Feature Pack 2 for SSA Enterprise Server (7.6_a2_tt)

Note: Actual build numbers can differ.



Post-installation

Continue with Chapter 7, “Post-Installation Steps.”

Chapter 4

Upgrade SSA ERP LN 6.1 to FP2

4

This chapter describes the installation from SSA ERP LN 6.1 (SP0) to Feature Pack 2 (FP2).

Prerequisites:

Refer to the *SSA® Enterprise Server 8.2 - Technical Notes* (U8891 US) for details on the supported platforms and specific installation-related issues.

Before you can begin to install SSA ERP LN 6.1 FP2, you must install some extra software. This software is placed in so called solutions. You can find these solutions on the SSA OnePoint Online support services site. Note that a customer-specific Scopus authorization is required on this site.

For the latest information on this Feature Pack, check solution 205962 on www.support.baan.com.

You must install solution number 200846, including the solution's prerequisite solutions, before you can start the update.

Be sure to select the solutions from **7.6_a_tt**. Install these solutions manually and install these solutions first. For more information on "multilevel download," refer to the *SSA® ERP LN 6.1 Product Maintenance and Control (PMC) Recipient Guide* (U8616 US). You can find the document on the documentation CD-ROM.

Note 1: One of the prerequisite solutions is number 144078. If this solution is not yet installed, SSA Global recommends that you install this solution first. Refer to the www.support.baan.com Web site for more information about this solution.

Note 2: If solution number 144079 is not yet installed, the Download, Scan and Connect Solution (Multilevel) (ttpmc2210s000) session can fail to work. To use this session, you must download solutions 144078 and 144079.

Warning Windows Systems

In case of a Windows system, you must restart your system after you install solution number 200846. Restart your computer again if you have installed solution number 147020.

Domain constraint validation

Before you upgrade your companies to a newer Feature Pack, SSA Global strongly advises you to check if the data meets the defined constraints.

Data insertion that does not meet the constraints can occur if, for example, you run bdbimports with the option to ignore domain constraints.

If the current data does not meet the domain constraints, this can lead to corrupted data after the (company) upgrade.

Take following steps:

- 1 Start the Validate Data Integrity (ttaad4233m000) session.
- 2 Perform the check for each company that is scheduled for migrated.

When you run the session, make sure that you run the session from the package combination of the selected companies.

Validate Data Integrity

Selection Range

	From	To
Company	050	050
Package		zz
Table		zzz999

Options (bdbvalidate)

Maximum errors table: 999999

Buttons: Continue, Close, Save Defaults, Get Defaults, Add to Job..., Help

Status bar: ttaad4233m000 000

You can run this session during online hours only, because the session only performs select statements on the data.

The session runs for quite a while, therefore, SSA Global recommends that you split the run into multiple runs, for example, by company.

After each run, check the output of the session and take corrective actions, if required.

Tax numbers

During migration from SP0/SP1 to FP2, special attention is required for the new tax setup in FP2. More details about the new solution are available in the Version Definition, the Function and Features document, and in the online Help of FP2.

In FP2, the correct specification of the tax number by business partner and of yourself is crucial for a correct determination of the tax data. Up to FP2, the tax number was stored on the address. In FP2, a new table (**tctax400**) is created that contains the tax numbers by business partner. The table sharing of this new table must be the same as the table sharing of the Business Partner (tccom100) table. A conversion program is now available that fills this new table with the tax numbers as specified on the addresses.

After the conversion of the tax numbers by business partner, you can specify the tax data by order. Experiences so far with this conversion program show that several errors on order level occur because business partners have incorrect addresses, incorrect tax numbers, or no tax numbers.

To correct the tax numbers, solution 206394 is now available for the SP0/SP1 migration. SSA Global advises that you install and use this solution before you run the upgrade to FP2. This solution contains the new Tax Numbers by BP (tctax400) table and the conversion logic to fill the tctax4200m000 table. In addition, this solution contains the test program to check the tax numbers by BP, based on the actual orders. The table will not update the orders. That process is carried out during the actual conversion.

For this reason, carry out the following steps:

If solution 206394 is not installed and run, skip Steps 1 through 3.

- 1 Run the conversion program of the new solution on SP0/SP1 to fill the Tax numbers by business partner on the source side. If a tax number is incorrect, you cannot use the tax number for invoicing. The sharing of tctax400 must be the same as the sharing of tccom100.
- 2 Run a test conversion (tctax4200m000) to check the tax data to the order data. You can use this data to check the correctness of the tax numbers.

The output of this step is a report, for example, in Microsoft Excel, that shows the earlier tax data by order and the new tax data by order and the orders with incorrect tax data.

- 3 Correct the tax numbers by business partner on SP0/SP1. You can correct the tax number by business partner in the following two ways:
 - Add or update the tax number on the address and then return to Step 1.
 - Update the new table tctax400 and return to Step 2.

If new business partners are added between this correction and the real upgrade to FP2, you must also update tctax400 or you must rerun the conversion and test program again.

- 4 Run the upgrade to FP2.

If all the tax numbers are correct, the user can run the actual conversion. If **tctax400** is empty, for example, because solution 206394 is not installed, the actual upgrade to FP2 fills the Tax Number by BP (tctax400) table. This conversion also updates the tax data of the orders. The tax code, however, remains unchanged.

The installable units to select

SSA Enterprise Server Porting Set

The SSA Enterprise Server virtual machine is the basis on which the ERP LN application runs. For each supported operating system platform, a porting set is provided. Select the porting set relevant to your system.

SSA License Manager

This installable unit installs and updates both the SLM client and SLM server on the system specified for installation.

The client of this SLM version must be installed on the SSA ERP LN 6.1 server.

SSA ES Application Service Manager 1.2

You mainly use SSA ES Application Service Manager 1.2 in combination with SSA Technical Architecture to manage the number of Adapters for ERP servers related to the load.

Installation of this installable unit is optional.

SSA Enterprise Server 7.6 PMC Solutions

SSA Enterprise Server 7.6 PMC Solutions are the set of solutions required to upgrade Enterprise Server to SP1 level.

SSA ERP LN 6.1 (Application) PMC Solution

The set of solutions required to upgrade ERP LN 6.1 to FP2 level.

SSA Baan Dynamic Enterprise Models (if required)

SSA ERP LN Enterprise Business Model, Version 3.6

contains functions and processes based on the relevant distribution and production typologies that are supported in the ERP LN functionality.

Selecting the ones relevant for your business the use of the ERP LN functionality can be simplified.

Note: You must purchase the Enterprise Business Model. With the license code to be provided, you can begin to use the model.

SSA ERP LN 6.1 Demo Model

SSA ERP LN Enterprise Business Model 3.6 (Build 23) and SSA ERP LN 6.1 Demo Model (Build 22) provide demo models for Demo Company 090.

SSA ERP LN 6.1 Master Data Implementation Model

SSA Baan ERP master, sample, and demo data

SSA ERP LN Standard Master Data

- Company 000: Currencies and domain segmentation
- Company 050: Basic generic master data, which you can use as a basis to set up production companies

SSA ERP LN 6.1 sample data

Company 070: Example master data, such as sales types, not intended as a basis for new companies

SSA ERP LN 6.1 demo data

This build provides a demo company 090 with limited transactional data to show functionality of ERP LN 6.1

SSA Decision Manager 2.3.1

The functionality of Sales and Purchase Statistics, previously implemented in Decision Manager, has now been included in ERP LN 6.1 FP2 itself. Decision Manager therefore is not included on the FP2 CD-ROM and is not currently supported.

Installation procedure

Refer to Chapter 5, “Installation Steps.” This chapter describes the actual update. Note that you install the appropriate installable units described for the Feature Pack you want to install.

Note: To create a new Package Combination during installation of Feature Pack 2 for SSA ERP LN, you must install an extra solution for SSA Enterprise Server. Refer to solution 206518 in the SSA ERP Knowledge Base for more information.

At Step 12, select the following VRCs for upgrade to FP2:

- Feature Pack 2 for SSA Enterprise Server (3.3_b2_da)
- Feature Pack 2 for SSA Enterprise Server (7.6_a2_tt)

Note: Actual build numbers can differ.

Post installation

Continue with the Chapter 7, “Post-Installation Steps.”

This Chapter describes, in a generic way, the installation of the Service/Feature Pack. Take the following steps:

- 1 Insert the Enterprise Server installation media SSA Enterprise Server SP*. The staging area starts.
- 2 Click **Staging Wizard**. If your Web browser asks whether you want to start StagingWizard.bat, click **Yes**. The **Welcome** dialog box will appear. If the dialog does not appear, check your taskbar. The dialog box might be minimized.
- 3 Click **Next**.
- 4 Specify the destination directory. This directory must be a new directory.
- 5 Click **Next**. A scan of the CD-ROM now starts. After the scan, a dialog box appears in which you select the appropriate installable units.

The following units are required:

- SSA Staging Wizard
- SSA Installation Wizard
- SSA Enterprise Server Porting Sets, select the appropriate platform
- SSA Enterprise Server 7.6 PMC Solutions
- SSA License Manager 2.2.0.5, if you have deployed the License manager on the same server as SSA ERP LN 6.1

The following unit is optional:

- SSA ES Application Service Manager 1.2

- 6 Select **Do Not Start Installation Wizard** and click **Next**.
- 7 Click **Next** on summary and confirm overwrite
- 8 Click **Finish**.
- 9 Insert the SSA ERP LN 6.1 SP* CD-ROM and click **Staging Wizard**. The **Welcome** dialog box appears.
- 10 Click **Next**.
- 11 Supply the same destination directory you specified in Step 4 and click **Next**. The scan of the CD-ROM now starts.
- 12 Select the appropriate installable units and click **Next**. For more information on these installable units consult the previous section.

The following units are minimally required:

- SSA ERP LN 6.1 PMC Solutions
- SSA ERP LN Standard Master Data
- SSA ERP LN Sample Data
- SSA ERP LN Demo Data

The question “Do you want to start the Installation Wizard?” appears.

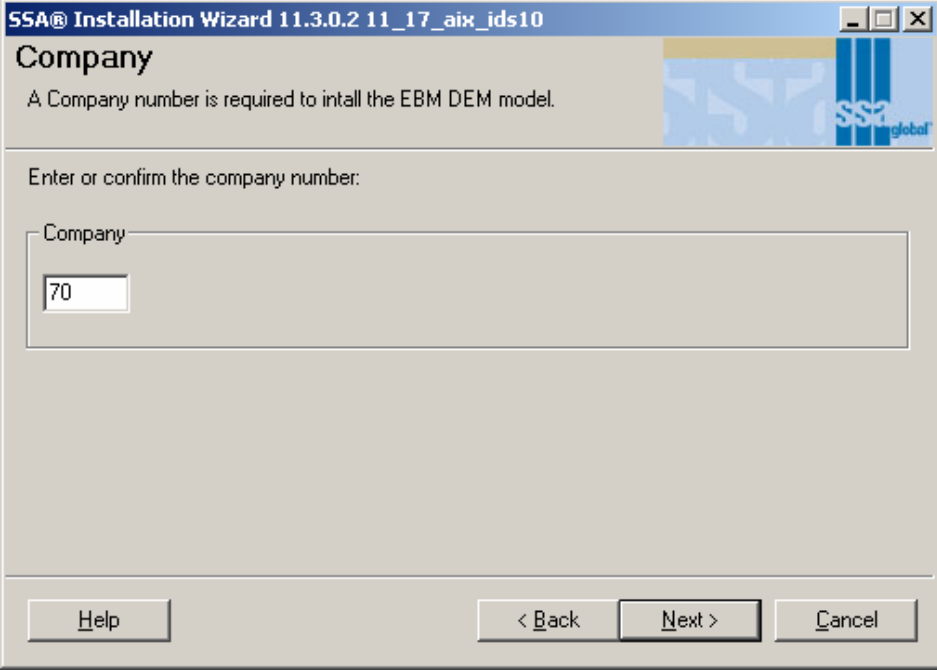
- 13 Click **Yes**.
- 14 Click **Next**. The copy process of the software to the staging area now runs.

To install a Service Pack / Feature Pack on the SSA ERP LN 6.1 environment

- 1 Stop the ERP environment, for example, by using \$BSE/etc/rc.stop (UNIX) or SSA Manager (Windows).
- 2 Start the SSA Installation Wizard by selecting <Staging Area>/Start/InstallationWizard.bat
- 3 Click **Next** in the **Welcome** dialog box.
- 4 Specify the environment you must update in the **Environment** dialog box and click **Next**.
- 5 Select the required installable units and click **Next**.
- 6 Select the appropriate porting set and click **Next**.

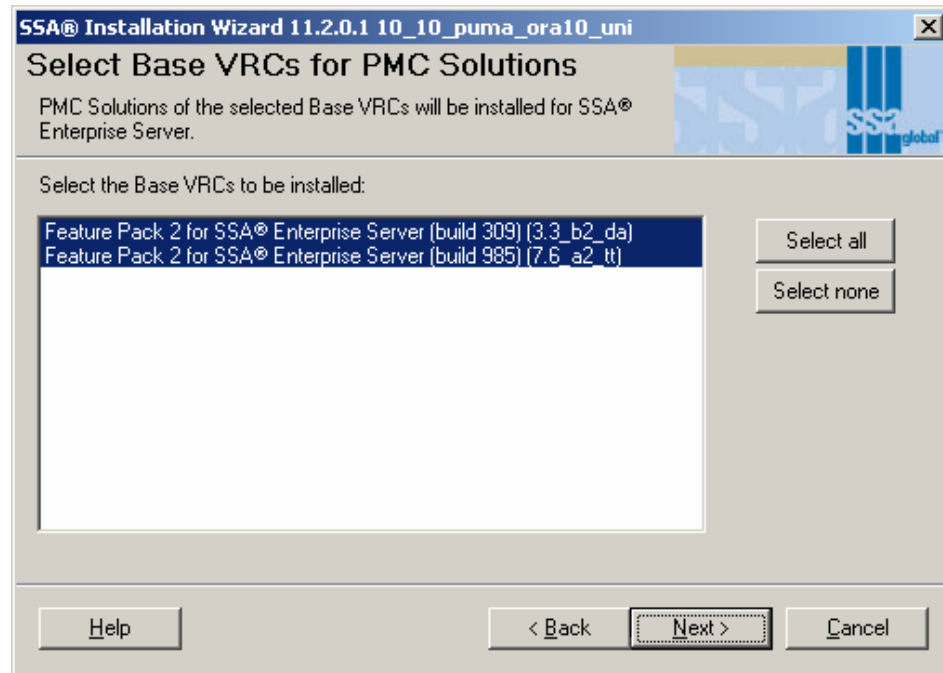
- 7 Select remote/local installation and click **Next**.
- 8 Provide the host name information and log-on information and click **Next**.
- 9 Enter the destination directory and click **Next**. A warning message appears that informs you that all users must leave the SSA ERP environment before you continue this update.
- 10 Click **OK**. During this step, ERP LN checks if the selected environment is available for update. The **Platform Type** dialog box appears.
- 11 Select the platform and click **Next**.

If you select the Installable Unit SSA ERP_{LN} Enterprise Business Model, the following dialog box appears:



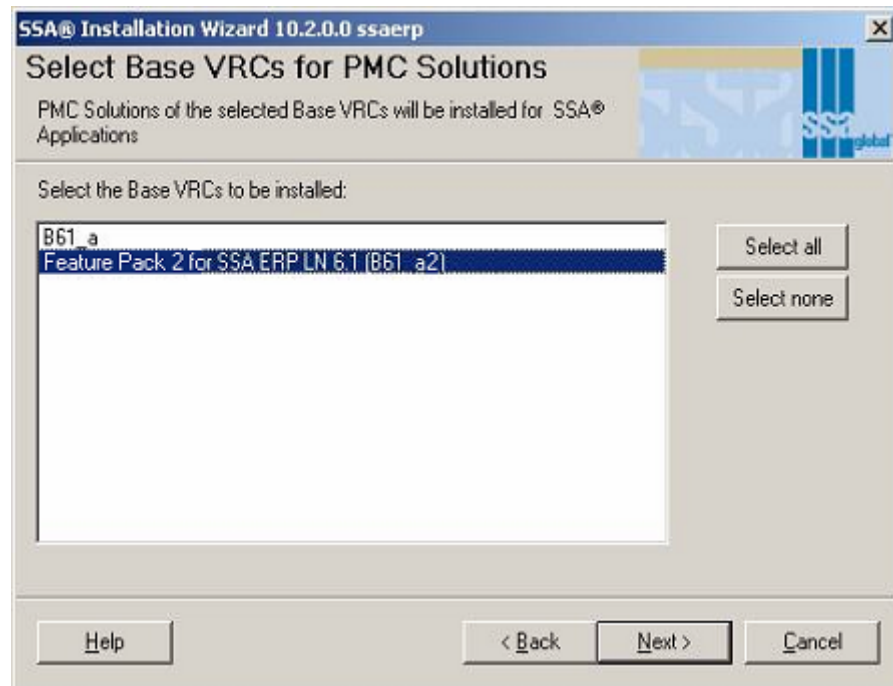
The image shows a screenshot of the 'Company' dialog box within the 'SSA® Installation Wizard 11.3.0.2 11_17_aix_ids10'. The dialog box has a title bar with the text 'SSA® Installation Wizard 11.3.0.2 11_17_aix_ids10'. The main content area is titled 'Company' and contains the text 'A Company number is required to install the EBM DEM model.' Below this, there is a prompt 'Enter or confirm the company number:' followed by a text input field labeled 'Company' which contains the number '70'. At the bottom of the dialog box, there are three buttons: 'Help', '< Back', and 'Next >', and a 'Cancel' button on the far right.

- 12 Enter the correct company number and click **Next**. The **Select Base VRCs for PMC Solutions** dialog box appears. Note that the actual build numbers can differ.



- 13 Select the **Service Pack for SSA Enterprise Server VRCs** and click **Next**.

The **Select Base VRCs for PMC Solutions** dialog box appears for SSA ERP applications appears, however, only if more than one Base VRC exists to select from. Otherwise, the installer skips this dialog box.



- 14 Select the SSA ERP applications and click **Next**.

The **Select an Update VRC for PMC Solutions** dialog box appears.

SSA® Installation Wizard 10.2.0.0 ssaerp

Select an Update VRC for PMC Solutions

The selected Update VRC will be updated with PMC-solutions.

Select the Update VRC to be updated or created for Base VRC B61_a1:

B61U_a_std

Default

New Update VRC

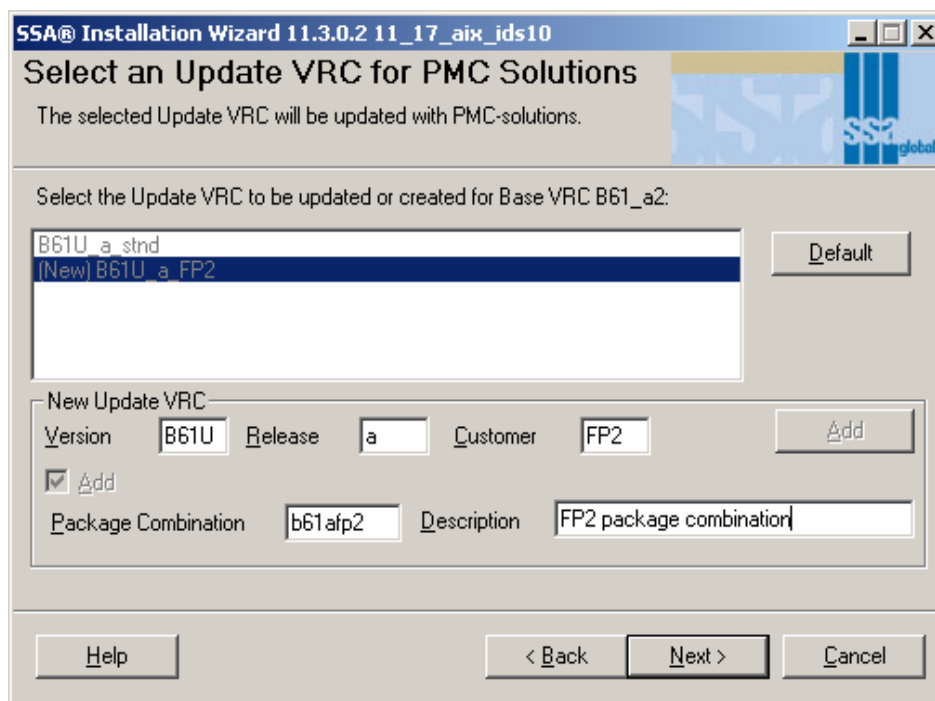
Version Release Customer Add

☐ Add

Package Combination Description

Help < Back Next > Cancel

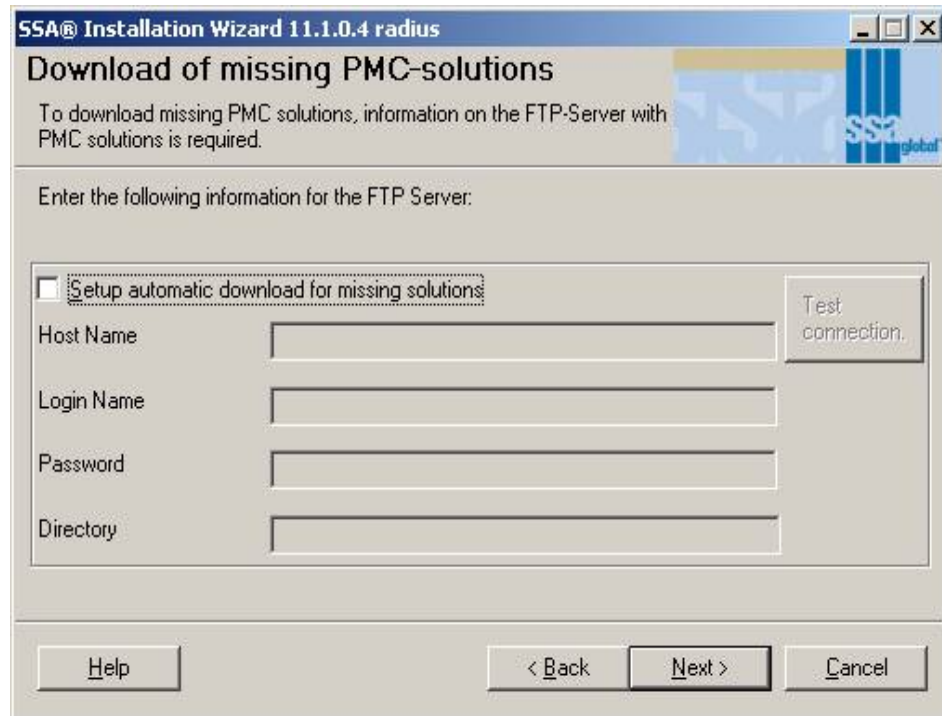
- 15 Select the Base VRC for update or create a New Update VRC. If you create a new Update VRC, you must enter the VRC name in the following fields:
 - Version
 - Release
 - Customer
- 16 Click **Add**.



The **Package Combination** and **Description** fields become available.

- 17 Enter the correct information and click **Next**. The **Select Package Combinations** dialog box appears.
- 18 Select the package combination for update and click **Next**.

The Download of **Missing PMC Solutions** dialog box appears.



Note: During the installation, ERP LN checks if the solutions available on the current Base VRC are also available on SP* level. If these solutions are not available, the installer tries to download the solutions with the connection information provided here. Missing solutions that cannot be installed will be logged in:

\$BSE/log.pmc.

- 19 Select the setup automatic download for missing solutions. Specify the appropriate connection information and click **Next**.

Errors related to package_comb, adjusted userdata or bsp setting to demo-company environment can appear.

The **Configuration Files** dialog box appears. You can decide to change the configuration files.

- 20 Click **Help** for more information or click **Next**. The installation Wizard now continues with the following installation unit: the **SSA License Manager**.
- 21 Supply the necessary information on the dialog boxes.

If you also selected the installable unit for SSA ES Application Service Manager, the wizard asks you to supply information on some dialog boxes.

- 22 Click **Next**. The **Ready to Install** dialog box appears.
- 23 Click **Install** to start the update.

If required, you can start the start/InstallationWizard.bat in the staging area to restart the Installation Wizard.

Chapter 6

3-Tier Installation Procedure

6

This chapter describes a 3-Tier installation.

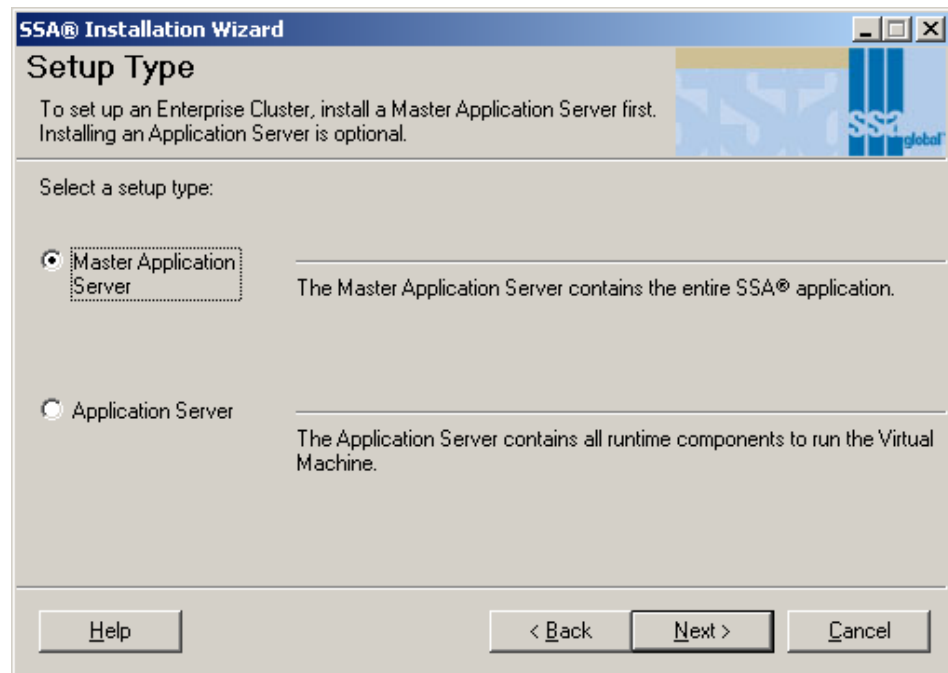
Requirements

- With a 3-tier setup, you must install the client interface for every RDBMS. This client interface provides for example access to the remote database.
- A SQL server client is required on the Master Application Server. Check the SQL online help for instructions.

Take the following steps.

- 1 Stop the ERP environment, for instance by using `$BSE/etc/rc.stop` (Unix) or SSA Manager (Windows).
- 2 Start the SSA Installation Wizard, by selecting `<Staging Area>/Start/InstallationWizard.bat`
- 3 Click **Next** in the **Welcome** dialog box.
- 4 In the **Environment** dialog box, supply the environment you need to update and click **Next**.
- 5 Select the required installable units and click **Next**.
- 6 Select the appropriate porting set and click **Next**.
- 7 Select remote installation and click **Next**.

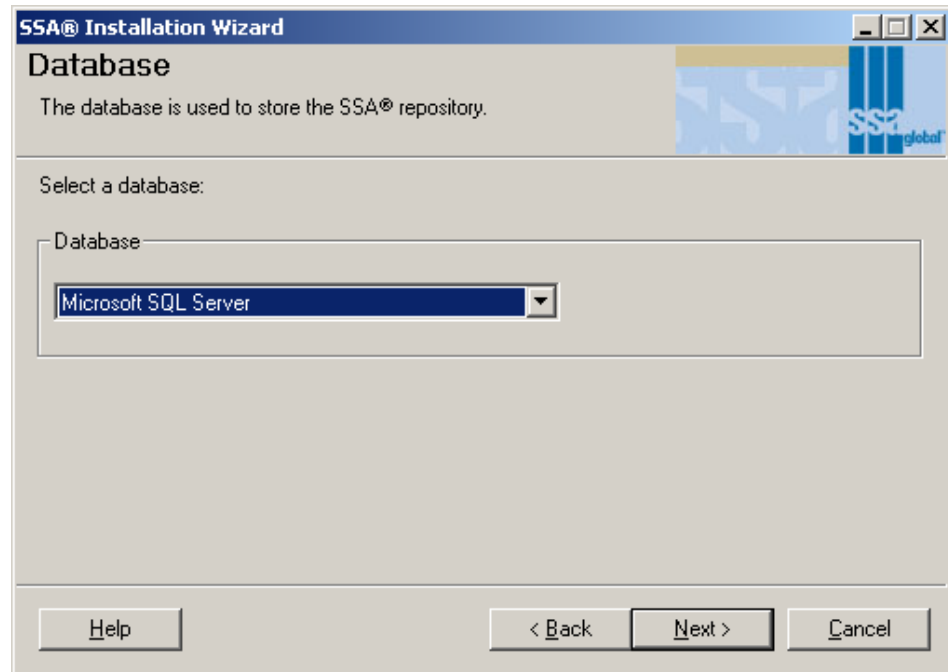
- 8 Provide the host name information and log-on information and click **Next**.
- 9 Enter the destination directory. Click **Next**
- 10 Select the set-up type:



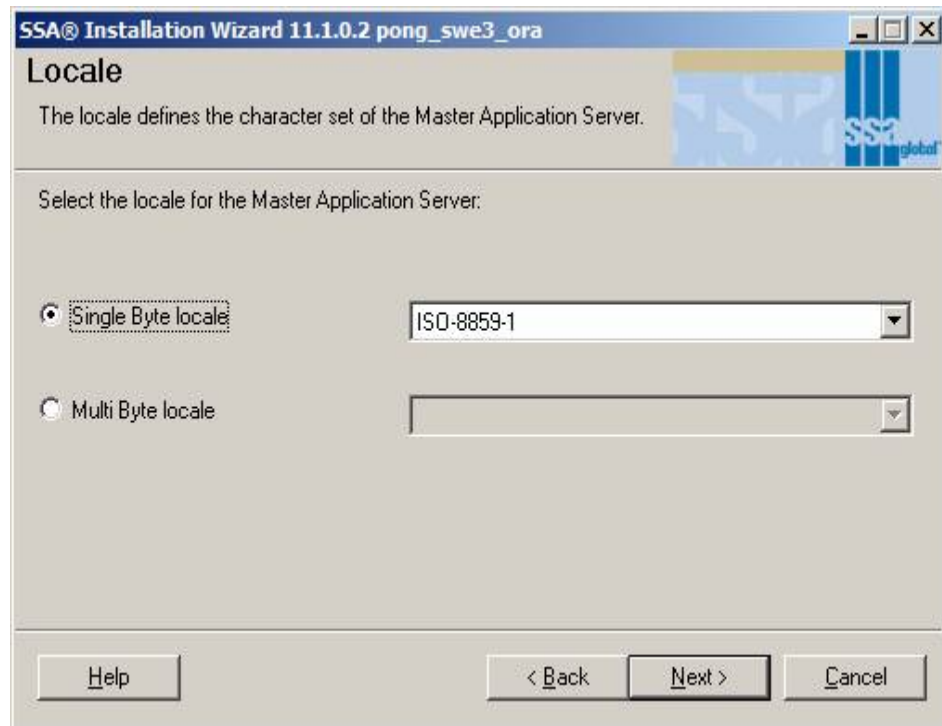
Select a set-up type. Two set-up types are available:

- Master Application Server (MAS)
- Application Server (AS)

- 11 Click **Next** to choose the database type you prepared to store the repository of the SSA ERP software in the **Database** dialog box.



- 12 Click **Next** to continue with the **Locale** dialog box.



- 13 Select the locale and character set that you want to use. In case of a single-byte U.S. English installation, you can select the locale ISO-8859-1, which is the default. Click the drop-down arrow to select another character set.
- 14 Click **Next**. The **Database Server Location** dialog box will appear.
- 15 Select **Database on another Server** and click **Next**. The **Database Connection Information** dialog box appears.
- 16 Enter the host name of the machine where the database server will reside. This information is required to connect to the correct database. For Microsoft SQL, the **MSQL_SERVERHOST** variable is filled.

The **Database Users and Group** dialog box appears:

SSA® Installation Wizard

Database Users and Group

All users who must access the SSA® tables in the database will become part of the database group created.

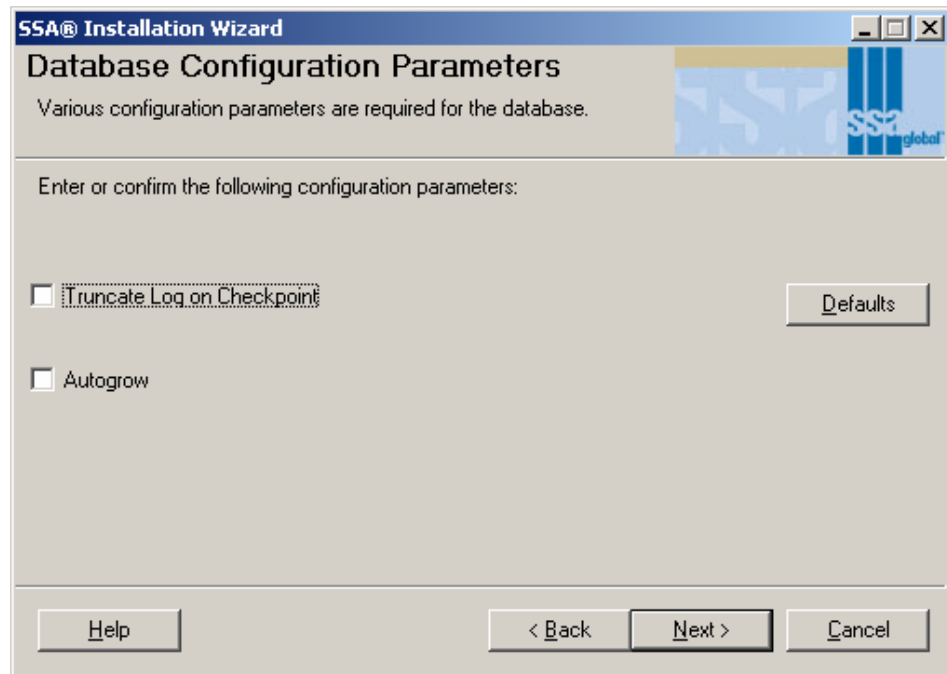
Enter database users and group information:

Field	Value	Password	Confirm
SQL Server System Administrator	sa		
SSA® Database Group	ssa_erpdb	xxxxxx	xxxxxx
Current User	baan	xxxx	xxxx

Buttons: Help, < Back, Next >, Cancel

- 17 Define the users and a group for the SQL Server database:
- The SQL Server System Administrator is **sa**. Note that this database administrator must already exist.
 - SSA Global recommends that you assign a password to **sa**.
 - A default name for the SSA Database Group is <ENV>db (<ENV> is the environment name). In the **Password** field, type a password that you want to associate with the group.
 - The current user field is filled. Enter the database password for the current user.

- 18 Click **Next**. The **Database Configuration Parameters** dialog box appears.



The **Truncate Log on Checkpoint** option ensures that production database recoverability is maintained. You must only select this option if regular backups are not performed and if space for log files must regularly be freed up, such as demo systems. The **AutoGrow** option, controls whether database storage files (data, log) created by the administration utility will grow automatically as required if their existing space is exhausted.

- 19 Click **Next** to continue. The **Database Device Locations and Sizes** dialog box appears:

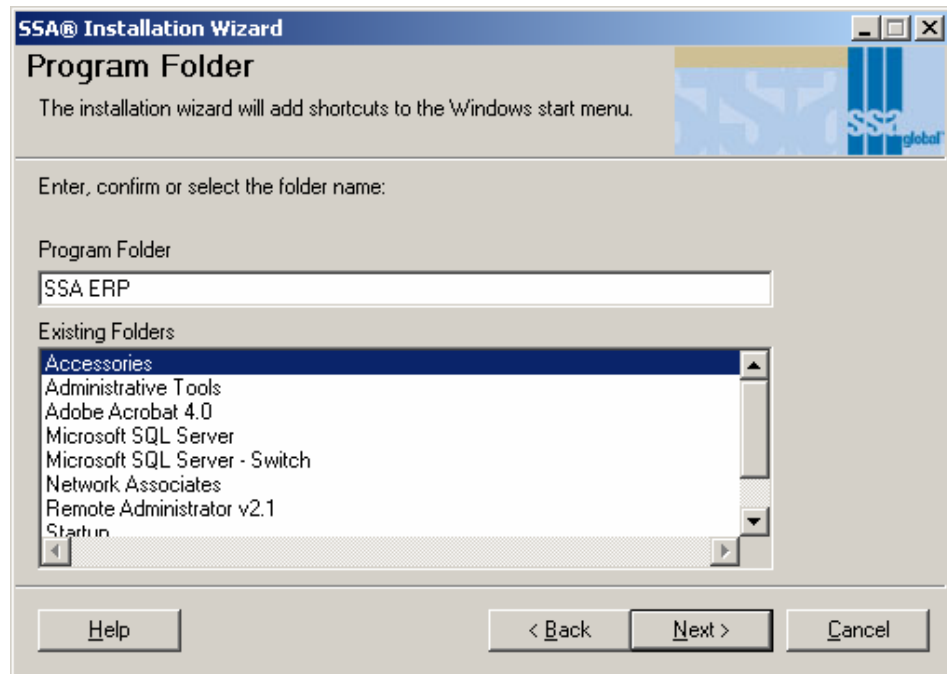
The screenshot shows the 'Database Device Locations and Sizes' dialog box from the SSA® Installation Wizard. The title bar reads 'SSA® Installation Wizard'. The main title is 'Database Device Locations and Sizes'. Below the title, it says 'Define directories and sizes of the database devices to create the database spaces.' and 'Enter or confirm directory and sizes:'. There are two rows of input fields. The first row is for 'Database Data Files' with a directory path 'g:\sqldata\MSSQL\ssa_erpdb.mdf' and a size of '1000' MB. The second row is for 'Database Log Files' with a directory path 'g:\sqldata\MSSQL\ssa_erpdb.ldf' and a size of '200'. A 'Defaults' button is next to the first row. At the bottom, there are 'Help', '< Back', 'Next >', and 'Cancel' buttons.

Directory and File Name for Database Data Files	Size (MB)	
g:\sqldata\MSSQL\ssa_erpdb.mdf	1000	Defaults
Directory and File Name for Database Log Files		
g:\sqldata\MSSQL\ssa_erpdb.ldf	200	

Buttons: Help, < Back, Next >, Cancel

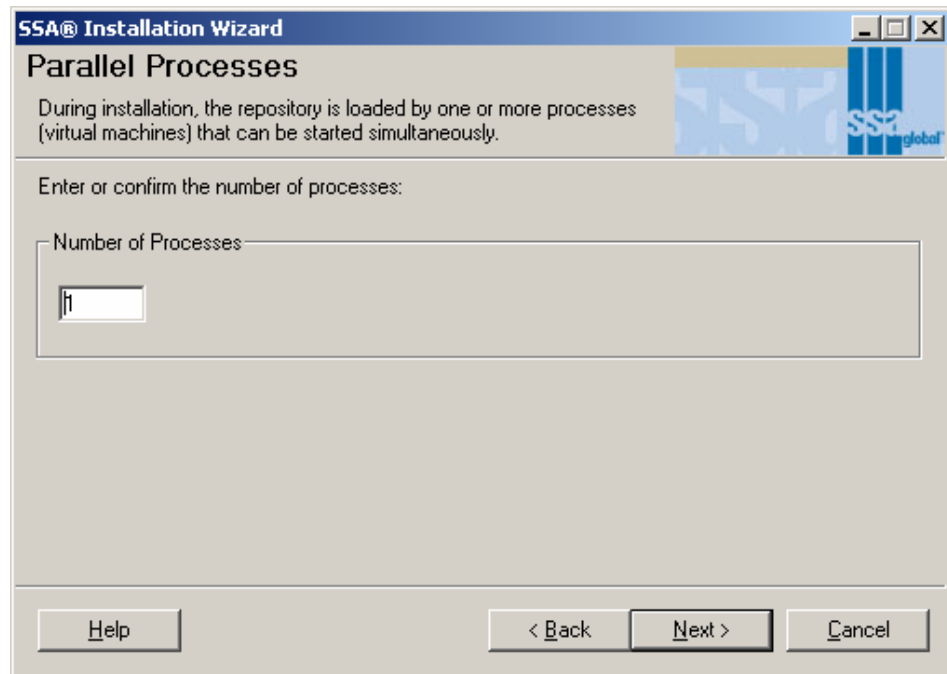
- 20 Enter the locations and sizes for the data and log files. For specific information, click **Help**. Note that the directories must already be created.

- 21 Click **Next** to continue. The **Program Folder** dialog box appears:



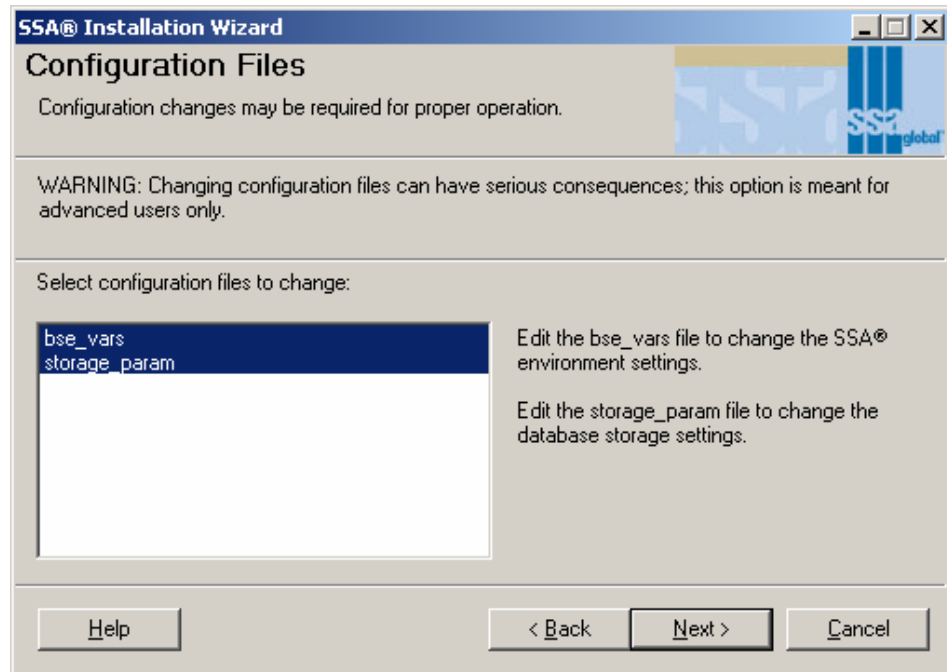
- 22 Indicate in which folder and under what name this SSA ERP installation must be saved. A default name is SSA ERP. Type or Select an existing program folder name or create a new folder

- 23 Click **Next** to continue. The **Parallel Processes** dialog box appears:



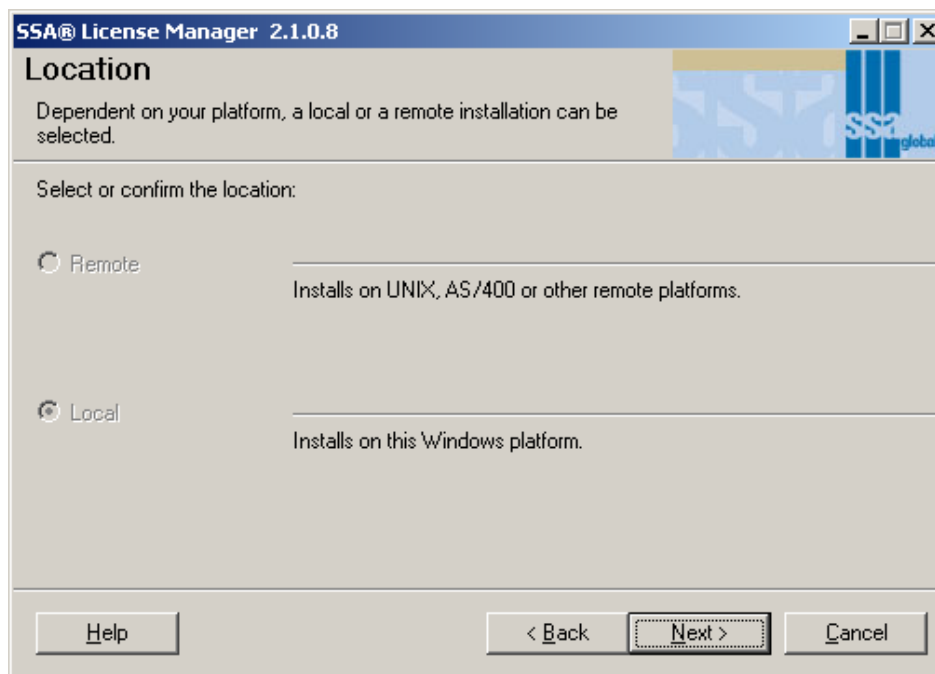
- 24 Select the number of processes that your computer can support at the same time (for multiprocessor computers). The **Select Base VRC's for PMC Solutions** dialog box appears.

- 25 Select the Feature Packs and click **Next**. The **Configuration Files** dialog box appears:

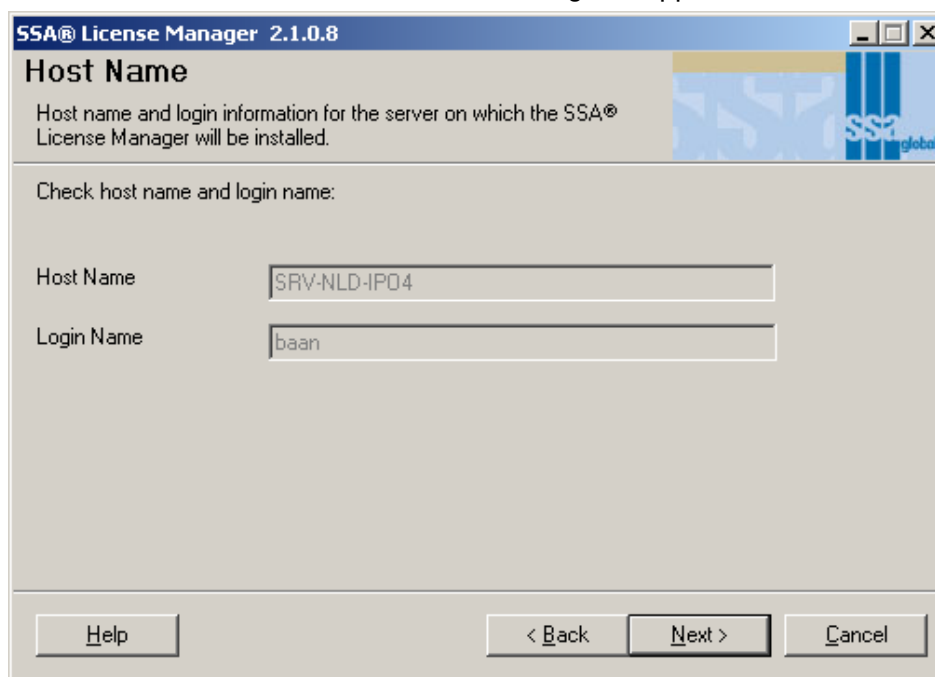


Note: Changing these configuration files can have serious consequences.

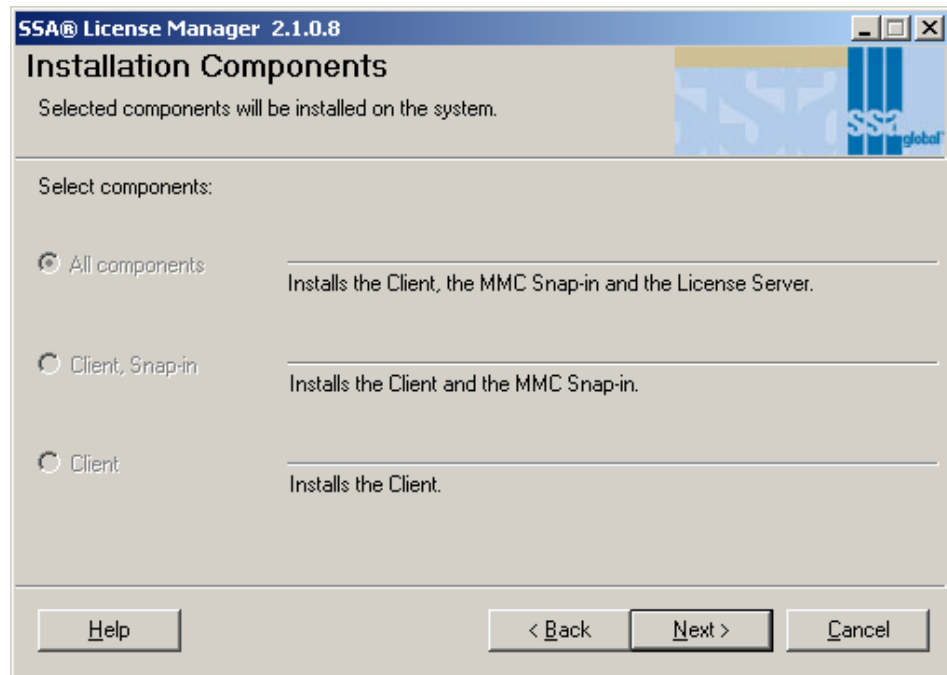
- 26 Click **Next** to continue. In this installation, the installable unit SLM is also selected. A screen appears that has information about SLM appears.



- 27 Click **Next** to continue. The **Host Name** dialog box appears:

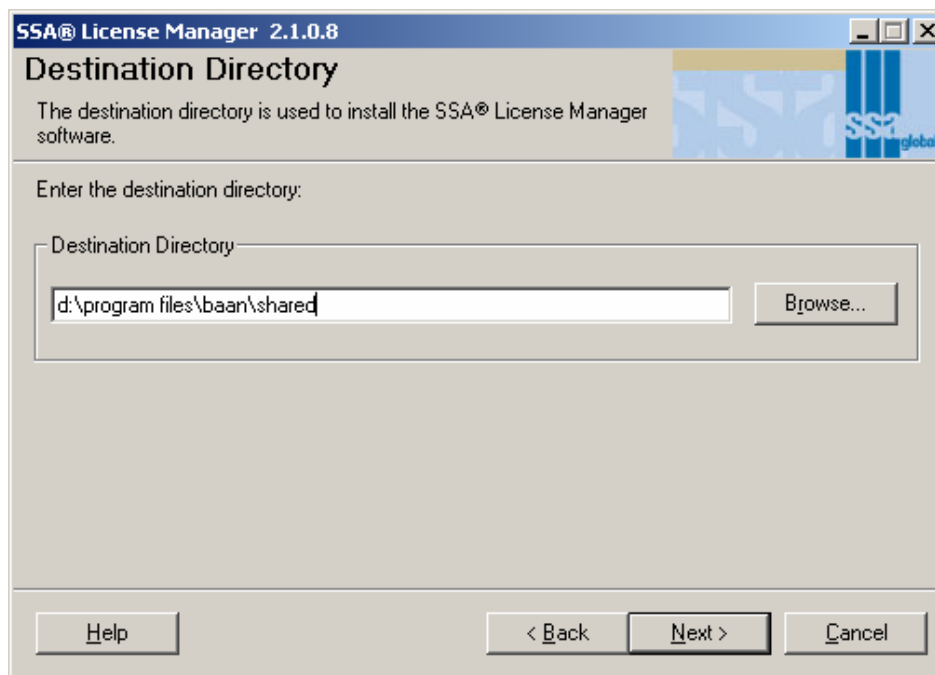


- 28 Supply the host name of the computer where the SLM will reside. If you need more information, click **Help**.
- 29 Click **Next** to continue. The **Installation Components** dialog appears:



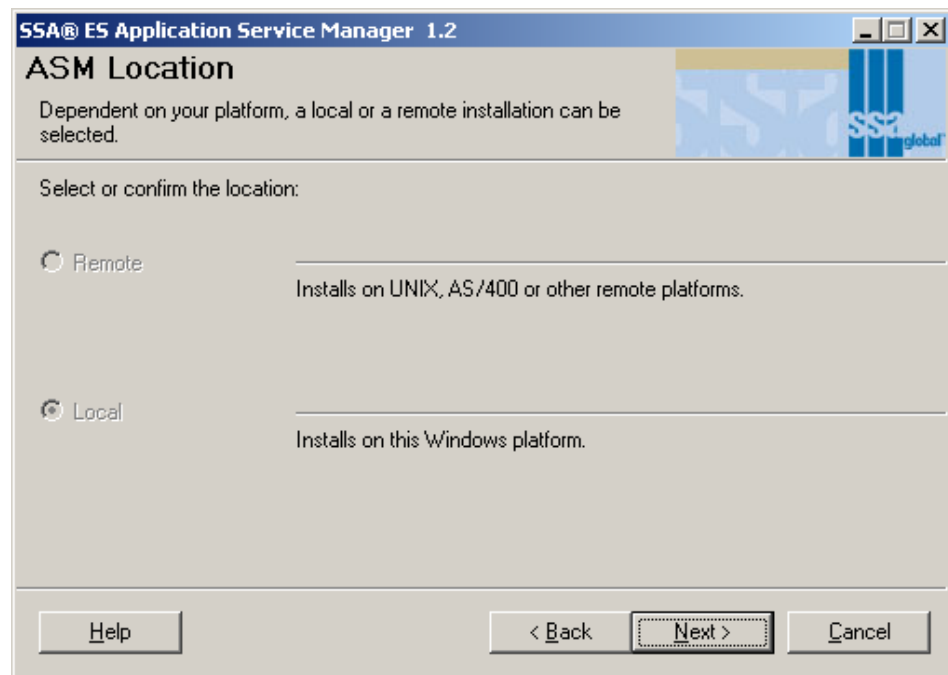
- 30 Check that the **Installs the Client, the MMC Snap-in and the License Server** option is selected.

- 31 Click **Next** to continue. The **Destination directory** dialog box appears:

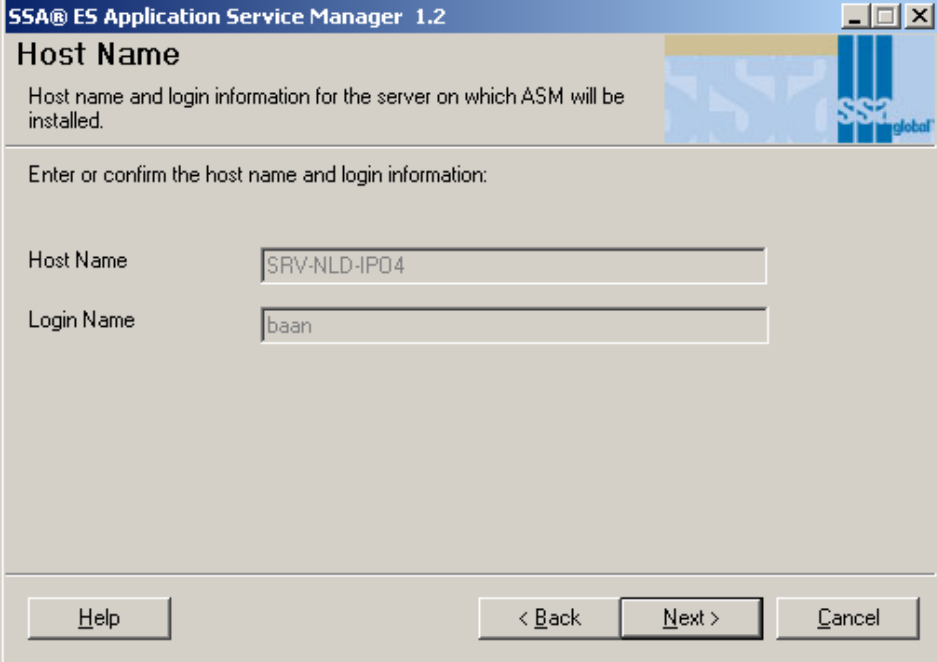


- 32 Supply the **Destination Directory** for the SLM software and click **Next**.

In this installation, you also selected the installable unit for Application Service Manager (ASM). A screen appears that provides information about ASM. On Windows 2000, the location for the ASM software is Local.



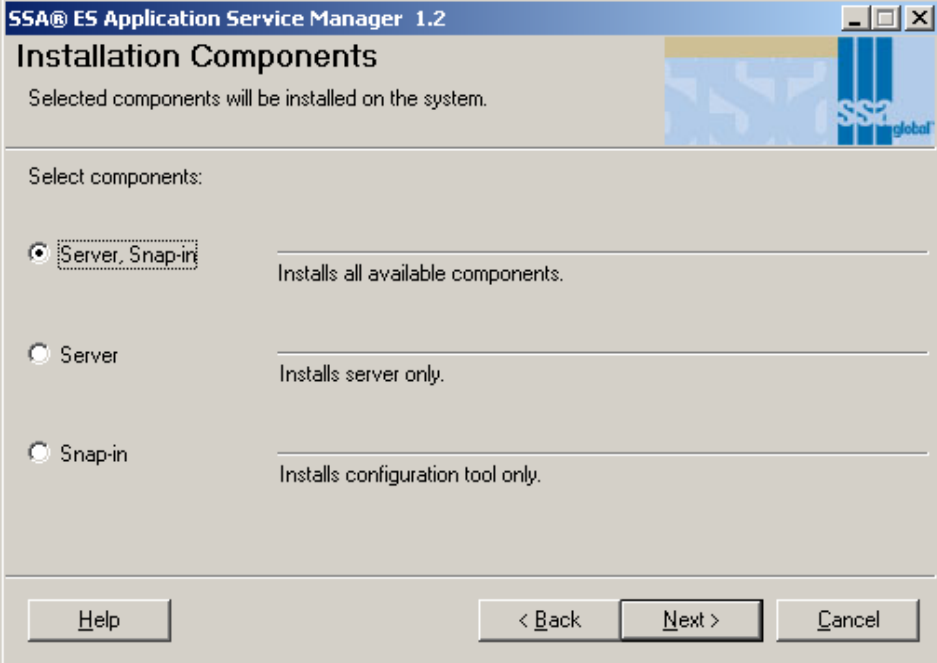
- 33 Click **Next** to continue. The **Host Name** dialog box appears:



The dialog box is titled "SSA® ES Application Service Manager 1.2" and "Host Name". It contains the instruction "Host name and login information for the server on which ASM will be installed." and "Enter or confirm the host name and login information:". There are two text input fields: "Host Name" with the value "SRV-NLD-IP04" and "Login Name" with the value "baan". At the bottom are buttons for "Help", "< Back", "Next >", and "Cancel".

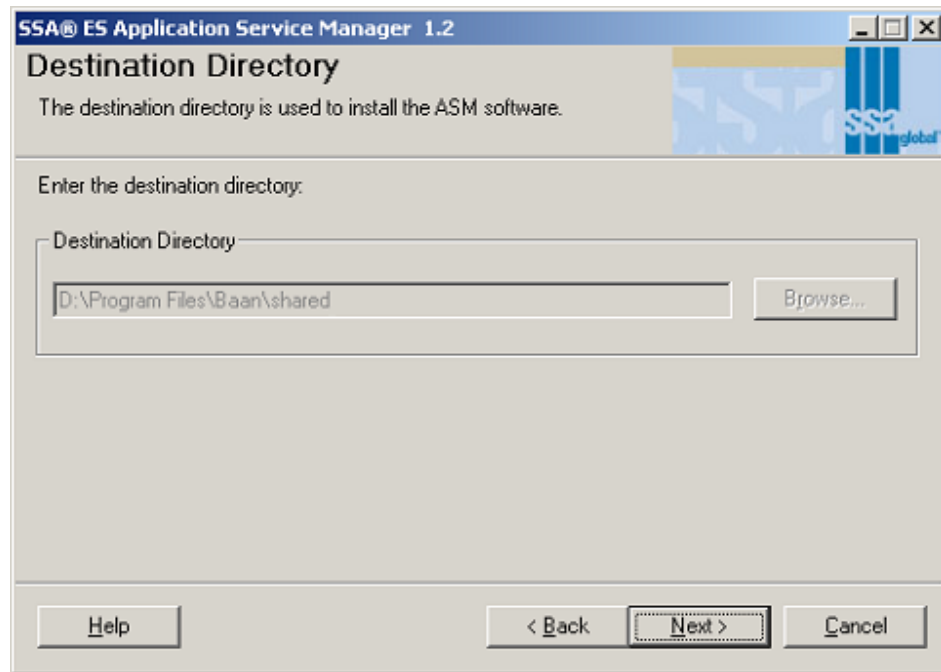
The host name and login name of your local machine are specified.

- 34 Click **Next** to continue. The **Installation Components** dialog box appears:



The dialog box is titled "SSA® ES Application Service Manager 1.2" and "Installation Components". It contains the instruction "Selected components will be installed on the system." and "Select components:". There are three radio button options: "Server, Snap-in" (selected), "Server", and "Snap-in". Each option has a description: "Installs all available components.", "Installs server only.", and "Installs configuration tool only." respectively. At the bottom are buttons for "Help", "< Back", "Next >", and "Cancel".

- 35 Select the Installation Components. In this case, you will install the **Server** and the **Snap-in**, which means that you will install all available components.
- 36 Click **Next** to continue. The **Destination Directory** dialog box appears:



- 37 Specify the destination directory for the ASM software and click **Next**.

During the installation on a Windows machine a **Windows Password** dialog box appears. Fill in the password and click **Next**.

The **Ready to Install** dialog box appears. Check the information in this dialog box. To make adjustments, click **Back**. Otherwise, click **Install** to start the installation.

Chapter 7

Post-Installation Steps

7

After you install the Service Pack or Feature pack, you must perform several post-installation steps.

Solution number 206321

Install solution 206321 “Security files required when running SSA ERP LN 6.1 SP0/SP1 with SSA Enterprise Tools FP2,” if you made one of the following upgrades without also upgrading the application:

- BaanERP 5.2a to ERP LN FP2 Tools.
- ERP LN 6.1 SP0 to ERP LN FP2 Tools.
- ERP LN 6.1 SP1 to ERP LN FP2 Tools.

Solution number 206399

Solution number contains information for the Data Upgrade Engine. Install this solution before you run the Data Upgrade Engine.

Load Shared Memory

To specify the objects to be stored in shared memory, take the following steps:

- 1 In the Worktop Browser, on the **Tools** menu, click **Run Program**.
- 2 In the **Session** field, type **ttaad4150m000**.
- 3 Click **OK**. The Shared Memory Data (ttaad4150m000) session appears.
- 4 On the **Group** menu, click **New**.
- 5 In the **Shared Memory Data Type** list, click **Program Objects**.
- 6 On the **Specific** menu, click **Copy Object from DD**. The Copy Program Objects (ttaad4252s000) session appears.
- 7 In the **Package** field, enter **tt**, and use the browse arrow in the **Version** field to select the version.
- 8 In the **Program** fields, enter **dll** in the **From** field, and enter **dllzzzzzzzzzz** in the **To** field.
- 9 Click **Copy**.
- 10 Click **OK** in the dialog box that appears. The Shared Memory Data (ttaad4150m000) session reappears and now contains data.
- 11 Repeat Steps 4 through 6 for the programs **dsk** to **dskzzzzzzzzzz** and **stp** to **stpzzzzzzzzzz**.
- 12 On the **Specific** menu, click **Convert to Runtime**.
- 13 Click **OK** when the conversion is complete and exit the SSA ERP software.

The procedure to complete the configuration of shared memory on a Windows platform, a UNIX platform, and an AS/400 platform all differ:

Procedure on Windows:

- 1 Start the Enterprise Server Service Manager.
- 2 Right-click **Shared Memory Service**, and on the shortcut menu that appears, click **Stop**.
- 3 Right-click again and click **Start**.

Procedure on a UNIX platform:

- 1 Exit the SSA ERP session and log on to the SSA ERP server as user **root**.

- 2 Enter the following commands to reload shared memory:

```
# cd $BSE/bin  
# ./srdc_init6.2 -i
```

Initialize parameters

Run the Initialize Parameters (tcmcs0295m000) session before you proceed with the following sections.

Upgrade companies to the new Service/Feature Pack level

The following steps are not required for the demo companies 050, 070 and 090.

If you choose to create a new Update VRC for the PMC solutions, you must convert your companies from the original package combination to the SP*-based package combination.

The following sessions are required. For details on these sessions, refer to the *SSA® Enterprise Server Administrator's Guide* or the online Help of the sessions.

Log on with your maintenance user, for example, **baan** or **bsp**, and make sure this user is linked to the package combination of the companies to upgrade.

- Run the Generate Order Planning (cprp1210m000) session for each company, for all scenarios, and with a full range, unless used otherwise in your situation. Note that this requirement is valid for SP1 only.

If the SP/FP is installed in new update VRC, then:

- Change Package Combination by Company (ttaad1101m000)
Dependent on the size of your companies, this step can take some time.

During this step, you can encounter the message: "Table does not exist errors (506)." You can ignore this message.

- Change Package Combination for Users (ttaad2200m000)
- Convert Changes to Runtime (ttams2200m000)
- Re-login in the environment.
If you connect to a company that is not yet migrated to the new SP/FP level, you can receive the following message: "This company (xxx) must not be used because the company needs a data upgrade."

In general:

- If you use table sharing, you must check your table sharing data. Adjust this data if required. In the appendix of this document, you can find a list with the names of the new tables.
- Create tables (ttaad4230m000) by company
You can expect creation of at least 59 new tables by company.

Convert companies to the new Service Pack / Feature Pack level

In the Companies (ttaad1100m000) session, you will see that the companies connected to the new Service Pack / Feature Pack Package combination have the status Upgrade Needed.

Subsequently, you must carry out several mandatory steps before you can use the new Service/Feature Pack. You must perform these steps in each Service/Feature Pack upgrade.

Take the following steps:

- 1 Run the Data Upgrade Engine (ttspt1200m000) session.

Note1: For multicompartment scenarios with logical table links, you must run the Data Upgrade Engine session for the range of linked companies, not individually.

Note2: A test/simulation mode is available, which runs the upgrade without actualizing the transactions. In test/simulation mode, a simulation size can be entered, that represents the (maximum) number of records that will be processed by each upgrade program. A simulation size value of 0, which is the default value, is considered infinite. Therefore, all records will be processed.

You can run a simulation to do the following:

- Get an indication of the total processing time. In this case, you must select a simulation size of **0**. The Data Upgrade Engine will perform a simulation of the full contents of the tables to be upgraded, which gives you an indication of the total time required to upgrade your companies.
- Perform a quick sanity check. In this case, you must select a simulation size of, for example, **10**. The Data Upgrade Engine simulates the upgrade of the first 10 records of every table to be upgraded and reports in a very quick way the missing tables, corrupt tables, and data consistency problems in the first 10 records.
- Perform an extended sanity check. In this case, you must select a simulation size of **0**. The Data Upgrade Engine performs a simulation of the full contents of the tables to be upgraded. This report includes missing tables, corrupt tables, and potential data consistency problems in any record of the table.

In principle, data consistency problems cannot exist. However, if these types of errors do arise, the errors are reported in one of the following ways:

- A crashing Data Upgrade Engine
The corresponding database error, for example, error 506, 512, and so on, appears in the user interface.
 - The data upgrade algorithms can create error reports. The error reports will be written to the folder that is entered in the **Path logfile(s)** field in the Data Upgrade Engine (ttspt1200m000) session. For every company, a separate subfolder is created in the entered path.
- 2 Use the specific command in the following sessions to initialize parameters. Only changes will be activated. Other data will not be overwritten:
- Initialize Mapping Scheme Data (tcfm0210m000). By default, run this session with all options selected unless you are sure about the unused parts.
 - Initialize ACP Parameters (tfacp0500m000)
 - Initialize FAM Parameters (tffam0500m000)
By default, run this session with all options selected, unless you are sure about the unused parts.
 - Initialize Central Invoicing Parameters (cisli1500m000).

Note that the Manual Sales ledger account, from Service Pack 1 onwards, must be a FAM disposal account.

- 3 Copy the mapping scheme to new mapping scheme version from tfgld4573m000.
 - Start the Mapping Scheme (tfgld4573m000) session
 - Select the active mapping scheme: On the **Specific** menu, click **Find Active Mapping scheme**.
 - Copy to new mapping scheme: On the **Specific** menu, click **Copy to New Mapping Scheme Version**, and confirm **Copy**.
 - Make sure the copied Mapping Scheme is visible in the session and check this scheme: On the **Specific menu**, click **Check Mapping Scheme**.
 - Check the errors and warnings tab and resolve any errors.
 - Activate the new mapping scheme: On the **Specific** menu, click **Activate Mapping Scheme**.
- 4 Set the value for **Correct Outbound Quantity for SFC up to and Including** and **Correct Outbound Date for SFC up to and Including**.
Run the Inventory Handling Parameters “(whinh0100m000) session and select the actual set.

At startup of the sub-session, you receive an ask-enum error on whinh.uoln. Be sure to set a value for **Correct Outbound Quantity for SFC up to and Including** and **Correct Outbound Date for SFC up to and Including**.

- 5 In FP2, the business partner tax country has been added to the order lines and only approved tax codes must be used. Therefore, SSA Global advises that you check the following sessions that contain the data that is used for tax defaulting:
 - General Company Data (tccom0502m000)
Fill in the tax ID of your own company.
 - Tax Parameters (tctax0100m000)
Check the search order of tax libraries.
 - Tax codes by Country (tcmcs0536m000)
Check whether the tax codes are approved.
 - Tax Handling (tctax0138m000)
Check whether enough default Tax Codes are present. You might not be able to enter order lines in any other way.

- Tax Numbers by Business Partner (tctax4100m000)
Check whether a tax number is present for the business partners in another EU country. Note that the country used in this session is used for the defaulting of the business partner tax country of order lines.

TO resolve issues with the new tax model, you can use the following sessions:

- Tax Exceptions by Country (tctax1100m000) and Tax Exceptions by Country Set (tctax1101m000):
Use these sessions to create exceptions in the tax defaulting scenarios.
 - Test Tax Model (tctax8100m000)
Use this session to simulate the tax scenarios used for tax defaulting.
- 6 Run the Generate Order planning (cprp1210m000) session for all scenarios and with a full range unless used otherwise in your situation, however, for updates from SP0 to SP1 only.

Chapter 8

Service/Feature Packs and Online Help Installation

8

This chapter describes how to perform an online Help installation in combination with a Service Pack / Feature Pack installation.

The files for ERP LN online Help are included in SSA ERP LN 6.1 SP1 or FP2.

The files for the SSA Enterprise Server online Help are on the SSA ERP Enterprise Server 7.6a SP* CD-ROM (Disc 2).

Before you can start the SSA ERP online Help file installation, you must have installed and configured Webtop. Refer to the *Webtop Installation and Configuration Guide* (U8715 US) for specific information about online Help and the installation of the files from the SP1 CD-ROM.

Appendix A New Tables

A

After you install a Service Pack, several new tables are created.

New tables in SP1

Check the following tables for the new tables after SP1 is installed.

- Table 1 lists the new tables after SP1 is installed SP0 to SP1
- Table 2 lists the new tables after the update from SP1 to FP2
- Both tables are relevant to an update from SP0 to FP2.

Table 1:

Package	Table	Description
bp	Tmm201	New table (Cost Details)
cp	rrp050	New table (Alternative Materials for Planned Order)
tc	ibd410	New table (Lot and Serial Sets)
tc	ibd411	New table (Lot and Serial Set Details)
tc	mcs205	New table (Closing Methods)
tc	mcs206	New table (Payment Agreements)
tc	mcs207	New table (Payment Agreement Lines)

tc	mcs208	New table (Payment Agreement by Item (Group) and In)
tc	mcs209	New table (Priorities to Set Default Payment Agreeem)
tc	mcs300	New table (Customize Toolbar)
td	sls456	New table (Sales Order Actual Delivery Lines Histor)
tf	acr009	New table (Invoice-to BP MBI Series)
tf	acr204	New table (Shipments)
tf	acr401	New table (Monthly Billing Invoices)
tf	acr402	New table (Open Entries Linked to MBI)
tf	cmg020	New table (Bank Charges)
tf	cmg208	New table (Assigned Expenses to Advance Payments)
tf	gld040	New table (Recurring Journals)
tf	gld041	New table (Recurring Journal Details)
tf	gld042	New table (Recurring Multiple Tax Lines)
tf	gld043	New table (Recurring Journal Instructions)
tf	gld119	New table (Cash Flow Transactions)
tf	gld218	New table (Opening Balances - Cash Flow)
tf	gld219	New table (Period Totals - Cash Flow)
tf	gld230	New table (History - Business Partners by Ledger Ac)
tf	gld231	New table (History - Ledger Account Totals (Daily)
tf	gld232	New table (History - Dimension/Ledger Account Total)
tf	gld233	New table (History - Daily Distribution of Ledger A)
tf	gld234	New table (History - Daily Distribution of Ledger A)
tf	gld235	New table (History - Daily Distribution of Dimensio)
tf	gld236	New table (History - Daily Distribution of Dimensio)
tf	gld237	New table (Interim History - Ledger Account Totals)
tf	gld238	New table (Interim History - Dimension/Ledger Accou)
tg	wfm000	New table (Workflow Triggering Parameters)
tg	wfm100	New table (Workflow Triggers)

tg	wfm110	New table (Workflow Trigger Conditions)
tg	wfm120	New table (Workflow Trigger UDAs)
tg	wfm000	New table (Workflow Triggering Parameters)
tg	wfm100	New table (Workflow Triggers)
tg	wfm110	New table (Workflow Trigger Conditions)
tg	wfm120	New table (Workflow Trigger UDAs)
ti	bom050	New table (Alternative Material)
ti	cst050	New table (Alternative Estimated Materials)
ti	edm215	New table (Alternative Materials by Engineering BOM)
ti	edm225	New table (Alternative Materials by EBOM Copy Data)
tp	pin012	New table (Advance - Installment Mapping)
ts	clm331	New table (Problems by Serialized Item Group)
ts	clm336	New table (Solutions by Serialized Item Group)
ts	clm350	New table (Service Resolution - Probability Analysis)
ts	clm360	New table (Probability Analysis and Statistics)
ts	clm370	New table (Service Resolution - Failure Analysis)
ts	clm390	New table (Service Resolution History - Probability)
ts	clm400	New table (Service Resolution History- Failure Analysis)
ts	clm410	New table (Consolidated Failure Analysis)
wh	ina126	New table (Inventory Receipt Transaction Variances)
wh	ina127	New table (Inventory Receipt Transaction Variance C)
wh	inh216	New table (Inbound Order Line Lots and Serials)
wh	inh266	New table (Inbound Order Line Lots and Serials Hist)
wh	ltc103	New table (Lot Inventory Variances)
wh	ltc104	New table (Lot Inventory Variance Cost Details)
wh	ltc106	New table (Lots by Lot Date)
wh	wmd533	New table (External reference table Handling Units)
wh	wmd536	New table (Handling Unit Lots and Serials)

Table 2

Package	Table
tf	acp203
tf	acp280
tf	cmg117
tf	cmg302
tc	com127
tc	com701
tc	com702
dm	doc700
ec	edi221
ec	edi329
ec	edi469
fm	fmd042
fm	fmd044
fm	fmd047
fm	fmd048
tf	gld029
tf	gld050
tf	gld060
tf	gld120
tf	gld121
tf	gld125
tf	gld126
tf	gld134
tf	gld135
tf	gld136
tf	gld479