



**APPLIES TO:**

SAP HANA INSTALLATION

**SUMMARY**

This article explains how to Perform the BACKGROUND JOB.

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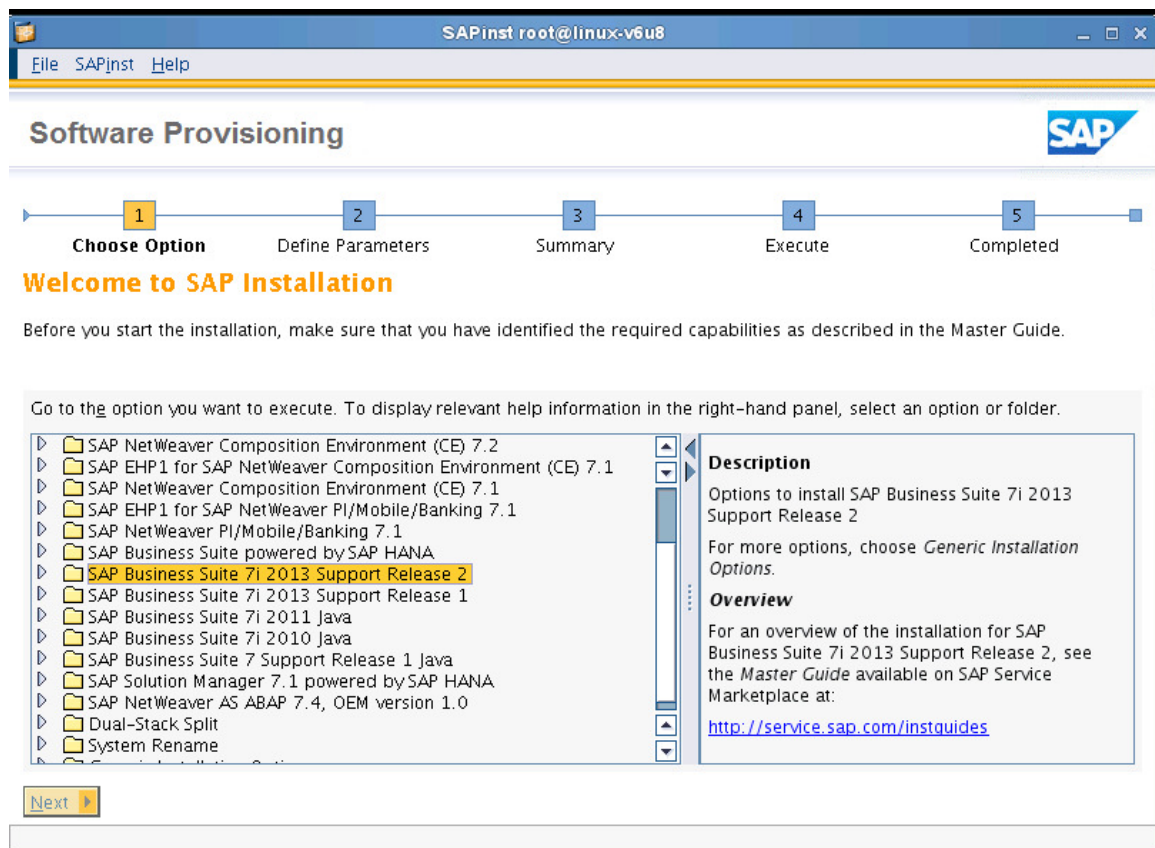
**CREATED ON:**

20<sup>th</sup> APRIL 2015.



**STEP 1:**

- Go to software Path. Then Execute SAPINST
- One pop-up window will open. Select your component
- SAP BUSSINESS SUITE 7i 2013 SUPPORT RELEASE2 --> EHP7 for SAP ERP 6.0 ABAP SUPPORT RELEASE 2 --> SAP HANA DATABASE --> SAP SYSTEM --> STANDARD SYSTEM --> STANDARD SYSTEM
- Click NEXT



Choose Option
Define Parameters
Summary
Execute

## Welcome to SAP Installation

Before you start the installation, make sure that you have identified the required capabilities as described in the SAP Installation Guide.

Go to the option you want to execute. To display relevant help information in the right-hand panel, select the option in the left-hand panel.

- ▶ EHP7 for SAP ERP 6.0 ABAP including the SAP Simple Finance Add-on
- ▼ EHP7 for SAP ERP 6.0 ABAP Support Release 2
  - ▶ IBM DB2 for Linux, UNIX, and Windows
  - ▶ IBM DB2 for z/OS
  - ▶ MaxDB
  - ▶ Oracle
  - ▼ SAP HANA Database
    - ▶ Preparations
    - ▼ SAP Systems
      - ▼ Application Server ABAP
        - ▼ Standard System
          - Standard System**
        - ▶ Distributed System
        - ▶ High-Availability System

**Description**

Installs an EHP7 for SAP ERP 6.0 ABAP Support Release 2 ABAP system except the database.

**Note:**

You can also install the Netweaver Application Server on the same host as the database. In this case, you must apply the additional prerequisite: For the 7.4-based system, the database must be a HANA database. For more information, see the SAP Installation Guide.

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STEP 2:

Select TYPICAL Option

Click NEXT

**Software Provisioning**

1 Choose Option      2 Define Parameters      3 Summary      4 Execute

**Parameter Settings**

Parameter Mode ☒ Typical ☐ Custom

**Additional Information**  
You can run the installation either in a typical or a custom mode:

- **Typical Mode**  
If you choose *Typical*, the option is performed with default settings. As a result, you only have to answer a few prompts. If you want to change any of the default settings, you can do so on the *Parameter Settings* screen. Note that if you choose the *Typical* setting and then choose *Back* after processing one or more settings, the *Typical* setting is activated. You are now guided through all screens with the default parameters that have been set in the background so far.
- **Custom Mode**  
If you choose *Custom*, you are prompted for all parameters. At the end, you can still change any parameter on the *Parameter Summary* screen.

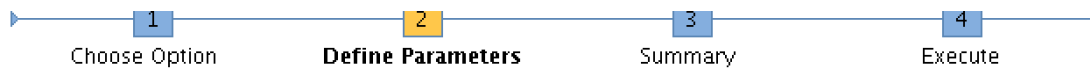
◀ Back   Next ▶



STEP 3:

Specify SAP System SID

Click NEXT



### General SAP System Parameters

Enter the SAP system ID.

<b>SAP System</b>	
SAP System ID (SAPSID)*	<input type="text" value="WIL"/>
SAP Mount Directory	<input type="text" value="/sapmnt"/>
<b>Additional Information</b>	
The <i>SAP System ID</i> is an identifier for your SAP system. It must be unique throughout your system landscap The system is installed under /usr/sap/<SAPSID>/... Common directories are linked to <SAP Mount Di	
<input type="button" value="Back"/> <input type="button" value="Next"/>	



STEP 4:

Specify Kernel Path



## Media Browser

Enter the location of the required software packages.

### Software Package Request

Medium	Package Location
UC Kernel NW740 SR2	/root/HANA/51049350/LABEL.ASC
<div></div>	

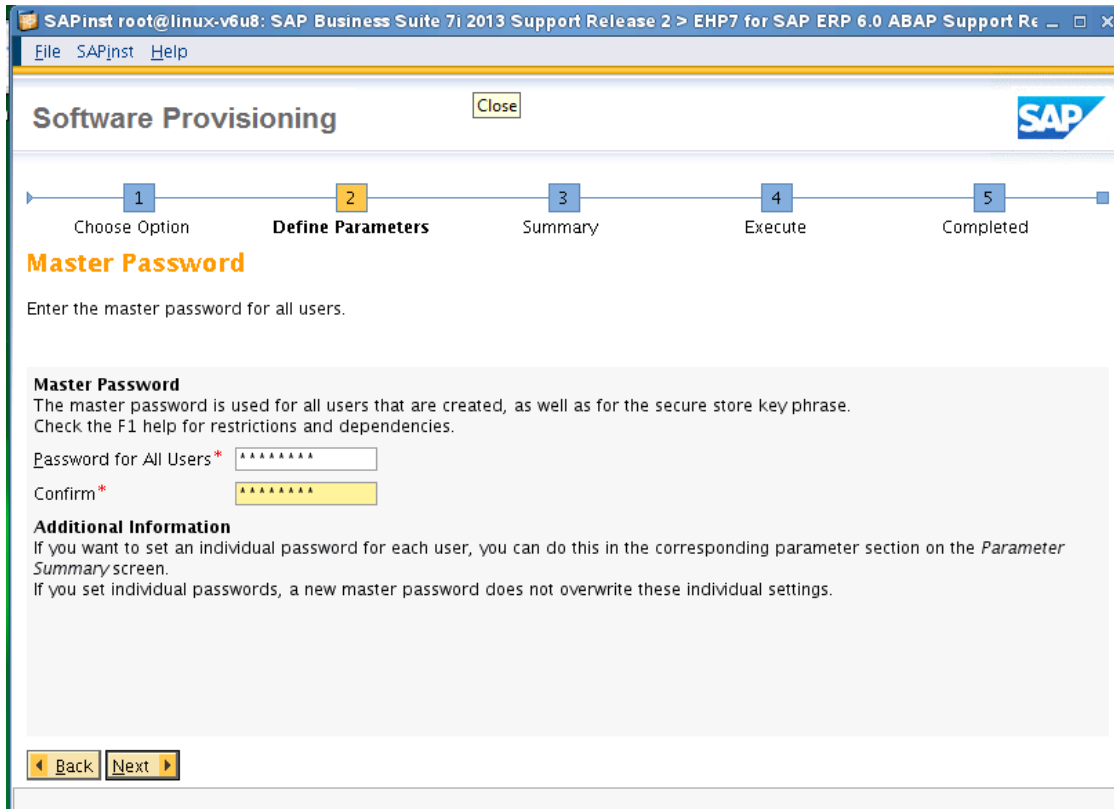
### Additional Information

The required software packages available on the medium are detected using the identification files LABEL.AS. If there is a complete medium available on the installation host, you only need to enter the path to the root dir in the *Package Location* column.

[Back](#) [Next](#)


## STEP 5:

Enter the MASSTER PASSWORD



SAPinst root@linux-v6u8: SAP Business Suite 7i 2013 Support Release 2 > EHP7 for SAP ERP 6.0 ABAP Support Re \_ □ ×

File SAPinst Help

Software Provisioning Close 

1 Choose Option 2 **Define Parameters** 3 Summary 4 Execute 5 Completed

**Master Password**

Enter the master password for all users.

**Master Password**  
The master password is used for all users that are created, as well as for the secure store key phrase.  
Check the F1 help for restrictions and dependencies.

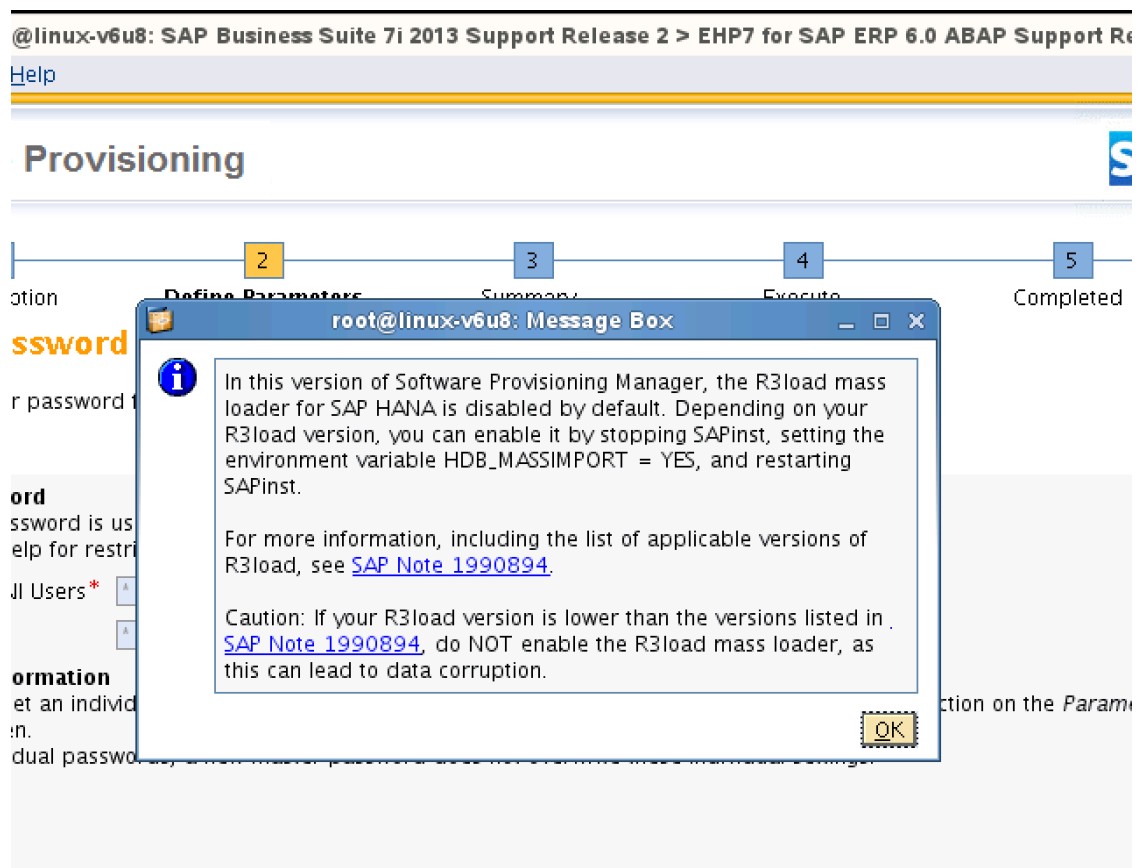
Password for All Users \*

Confirm \*

**Additional Information**  
If you want to set an individual password for each user, you can do this in the corresponding parameter section on the *Parameter Summary* screen.  
If you set individual passwords, a new master password does not overwrite these individual settings.

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Click OK







STEP 6:

Specify Database SID

SAPinst root@linux-v6u8: SAP Business Suite 7i 2013 Support Release 2 > EHP7 for SAP ERP 6.0 ABAP Support R

File SAPInst Help

### Software Provisioning

1 Choose Option 2 Define Parameters 3 Summary 4 Execute 5 Completed

#### Database for SAP System

Enter the database parameters.

**SAP HANA Database or Database Tenant**

Database ID (DBSID)\* LIW

Database Host\* linux-v6u8

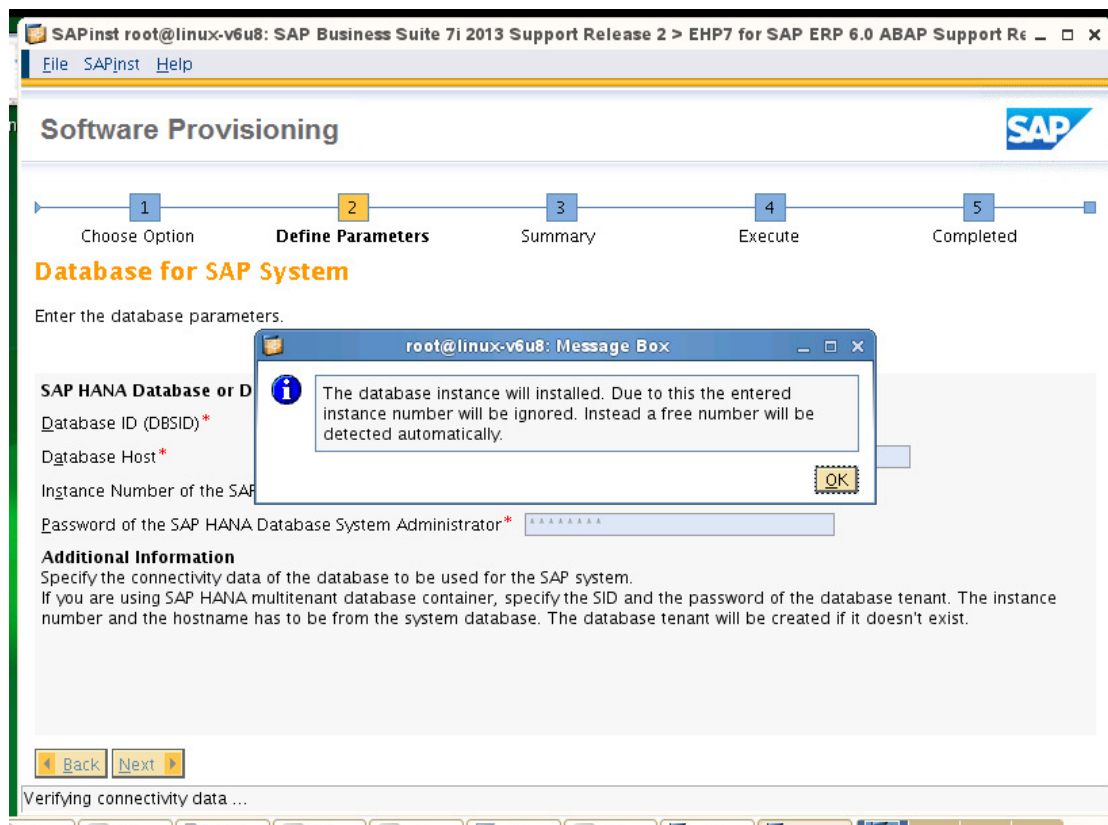
Instance Number of the SAP HANA Database\* 03

Password of the SAP HANA Database System Administrator\* \*

**Additional Information**

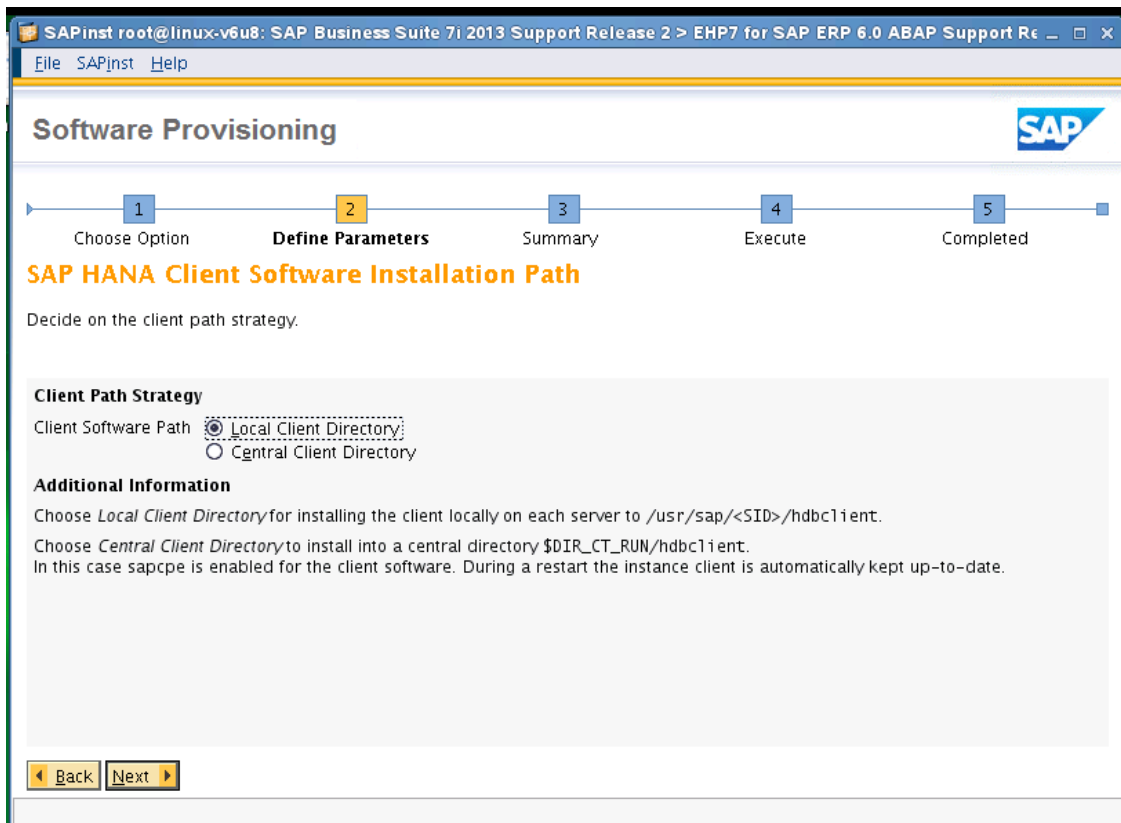
Specify the connectivity data of the database to be used for the SAP system.  
If you are using SAP HANA multitenant database container, specify the SID and the password of the database tenant. The instance number and the hostname has to be from the system database. The database tenant will be created if it doesn't exist.

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## STEP 7:

Select LOCAL CLIENT DIRECTORY



**Software Provisioning**

1 Choose Option 2 **Define Parameters** 3 Summary 4 Execute 5 Completed

**SAP HANA Client Software Installation Path**

Decide on the client path strategy.

**Client Path Strategy**

Client Software Path ☒ Local Client Directory  
☐ Central Client Directory

**Additional Information**

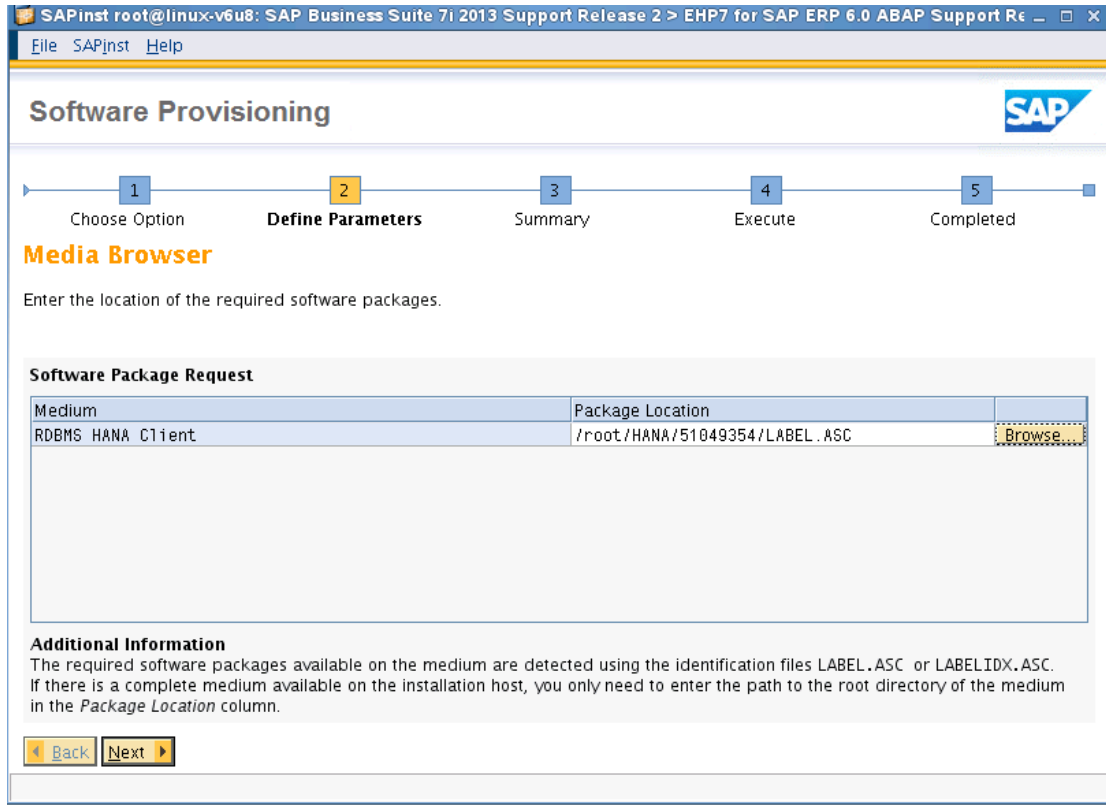
Choose *Local Client Directory* for installing the client locally on each server to `/usr/sap/<SID>/hdbclient`.

Choose *Central Client Directory* to install into a central directory `$DIR_CT_RUN/hdbclient`.  
In this case `sapcpe` is enabled for the client software. During a restart the instance client is automatically kept up-to-date.

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STEP 8:

Specify DATABASE SOFTWARE Path



The screenshot shows the SAPinst Software Provisioning Media Browser window. The window title is "SAPinst root@linux-v6u8: SAP Business Suite 7i 2013 Support Release 2 > EHP7 for SAP ERP 6.0 ABAP Support Release 7.0". The window has a menu bar with "File", "SAPinst", and "Help". The main content area is titled "Software Provisioning" and features a progress bar with five steps: 1. Choose Option, 2. Define Parameters (current step), 3. Summary, 4. Execute, and 5. Completed. Below the progress bar, the "Media Browser" section prompts the user to "Enter the location of the required software packages." The "Software Package Request" table shows a single entry for "RDBMS HANA Client" with the "Package Location" set to "/root/HANA/51049354/LABEL.ASC". A "Browse..." button is next to the package location. The "Additional Information" section explains that the required software packages are detected using identification files LABEL.ASC or LABELIDX.ASC. At the bottom, there are "Back" and "Next" buttons.

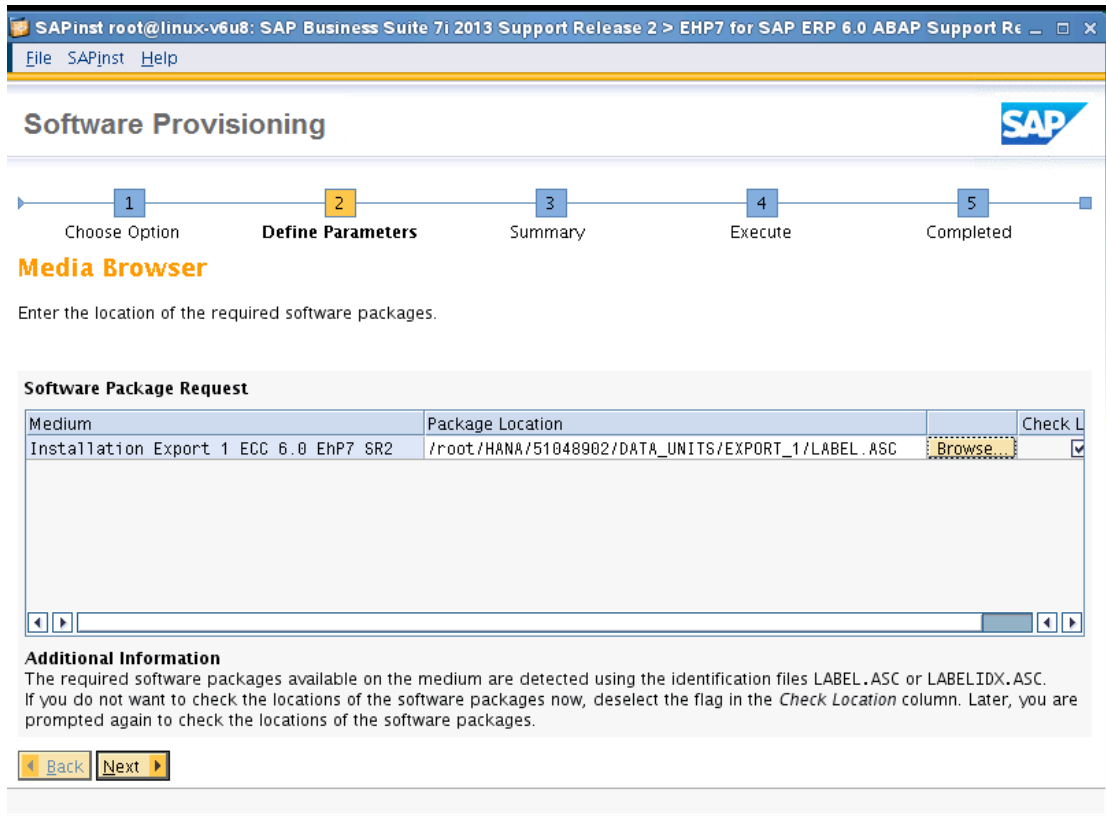
Medium	Package Location	
RDBMS HANA Client	/root/HANA/51049354/LABEL.ASC	Browse...

**Additional Information**  
The required software packages available on the medium are detected using the identification files LABEL.ASC or LABELIDX.ASC. If there is a complete medium available on the installation host, you only need to enter the path to the root directory of the medium in the *Package Location* column.

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STEP 9:

Specify EXPORT 1 Path



The screenshot shows the SAPinst Software Provisioning Media Browser window. The window title is "SAPinst root@linux-v6u8: SAP Business Suite 7i 2013 Support Release 2 > EHP7 for SAP ERP 6.0 ABAP Support Release 2". The window has a menu bar with "File", "SAPinst", and "Help". The main content area is titled "Software Provisioning" and features a progress bar with five steps: 1. Choose Option, 2. Define Parameters (current step), 3. Summary, 4. Execute, and 5. Completed. Below the progress bar, the "Media Browser" section prompts the user to "Enter the location of the required software packages." The "Software Package Request" table is displayed with the following data:

Medium	Package Location	Check Location
Installation Export 1 ECC 6.0 EhP7 SR2	/root/HANA/51048902/DATA_UNITS/EXPORT_1/LABEL.ASC	<input type="button" value="Browse"/> <input checked="" type="checkbox"/>

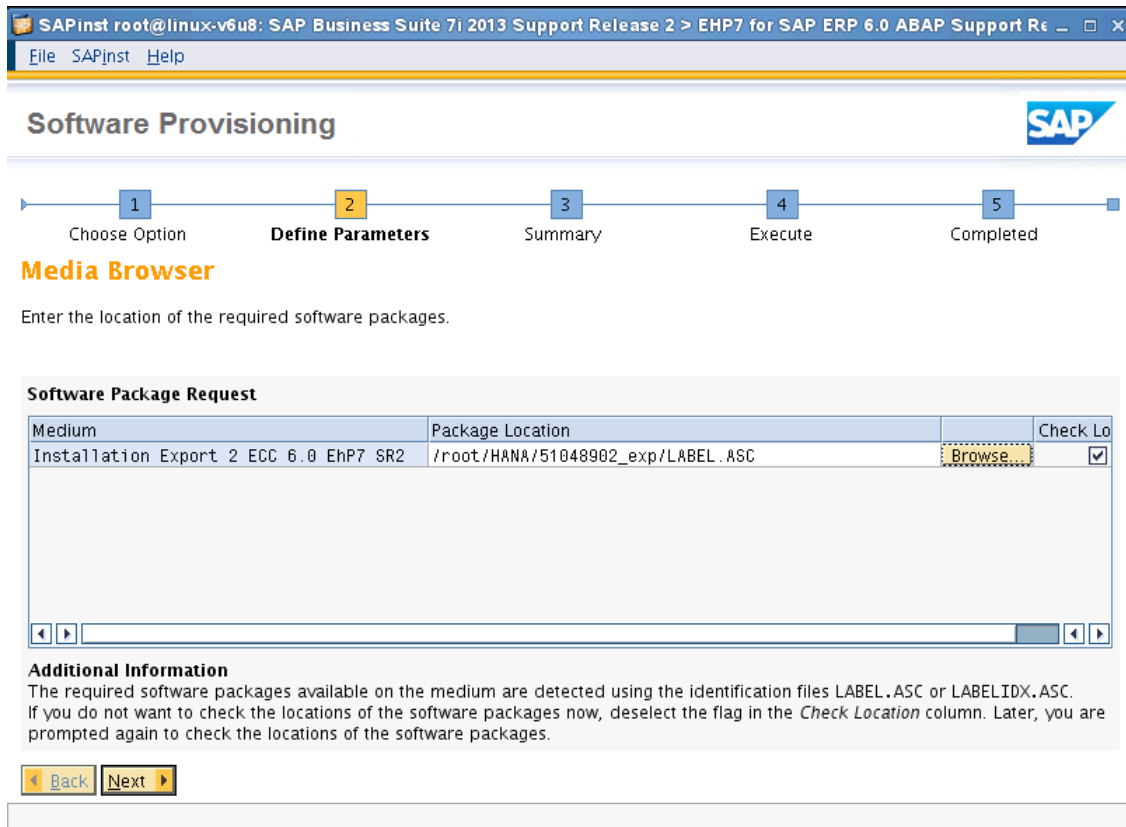
Below the table, there is an "Additional Information" section with the following text:

The required software packages available on the medium are detected using the identification files LABEL.ASC or LABELIDX.ASC. If you do not want to check the locations of the software packages now, deselect the flag in the *Check Location* column. Later, you are prompted again to check the locations of the software packages.

At the bottom of the window, there are "Back" and "Next" buttons.

STEP 10:

Specify EXPORT 2 Path



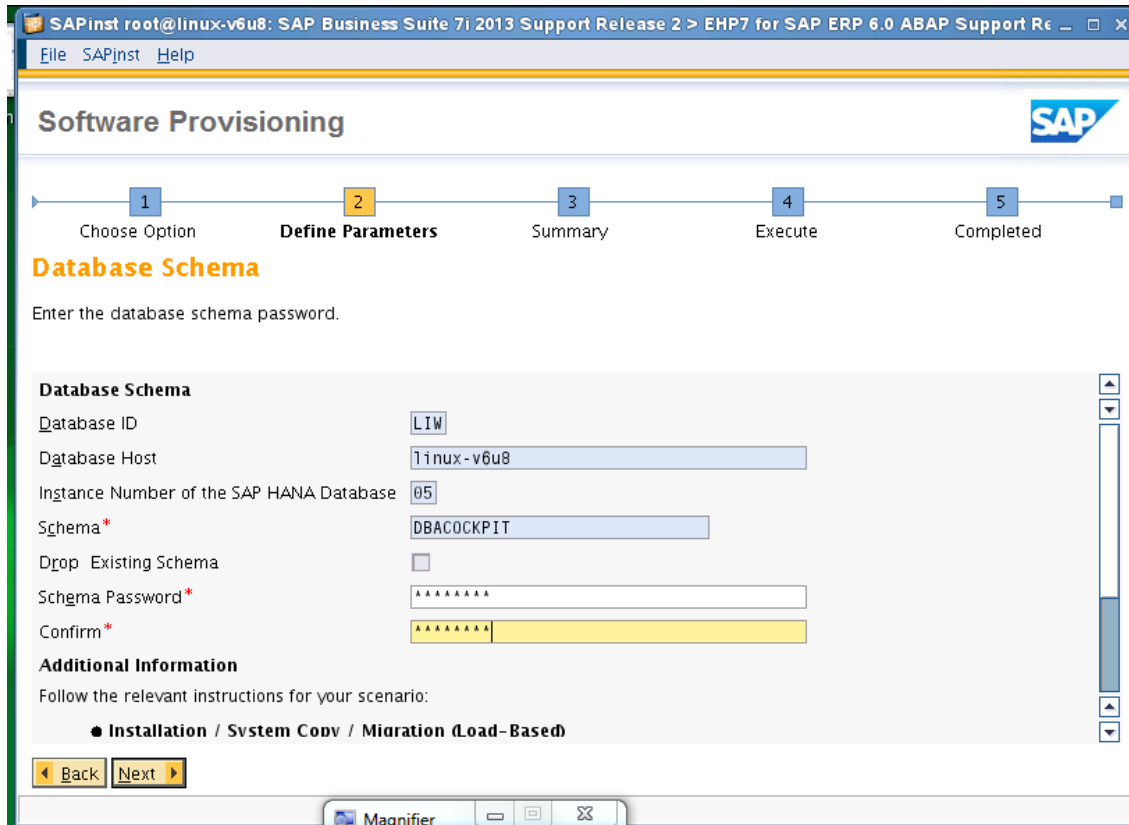
The screenshot shows the SAPinst Software Provisioning Media Browser interface. At the top, a progress bar indicates five steps: 1. Choose Option, 2. Define Parameters (highlighted), 3. Summary, 4. Execute, and 5. Completed. Below the progress bar, the title 'Media Browser' is displayed. The main instruction reads: 'Enter the location of the required software packages.' Below this is a 'Software Package Request' table with the following content:

Medium	Package Location	Check Lo
Installation Export 2 ECC 6.0 Ehp7 SR2	/root/HANA/51048902_exp/LABEL.ASC	<input type="checkbox"/>

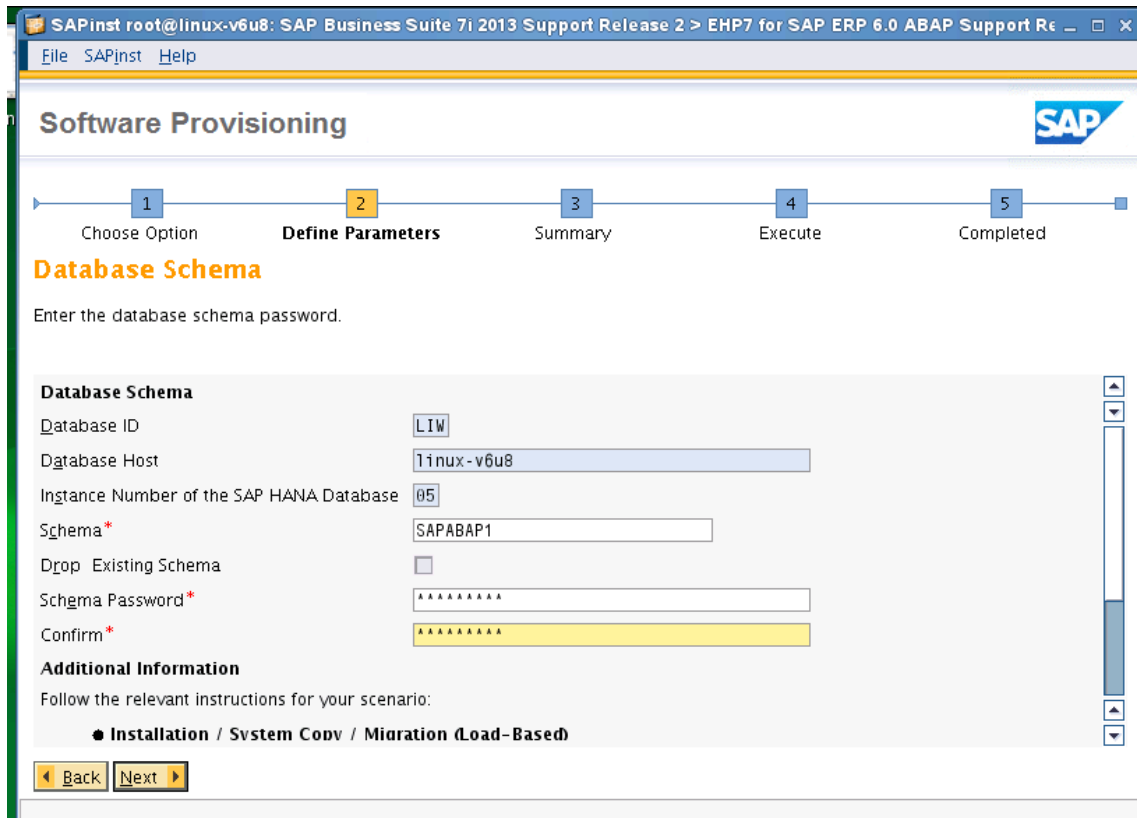
Below the table, there is a 'Browse...' button. At the bottom of the screen, there are 'Back' and 'Next' buttons. An 'Additional Information' section at the bottom states: 'The required software packages available on the medium are detected using the identification files LABEL.ASC or LABELIDX.ASC. If you do not want to check the locations of the software packages now, deselect the flag in the Check Location column. Later, you are prompted again to check the locations of the software packages.'

## STEP 11:

Enter the Database Schema Password



The screenshot shows the SAPinst Software Provisioning window for SAP Business Suite 7i 2013 Support Release 2. The window title is "SAPinst root@linux-v6u8: SAP Business Suite 7i 2013 Support Release 2 > EHP7 for SAP ERP 6.0 ABAP Support Release 2". The window has a menu bar with "File", "SAPinst", and "Help". The main content area is titled "Software Provisioning" and features a progress bar with five steps: 1. Choose Option, 2. Define Parameters (current step), 3. Summary, 4. Execute, and 5. Completed. Below the progress bar, the section "Database Schema" is highlighted in orange. The text "Enter the database schema password." is displayed. The "Database Schema" section contains the following fields: "Database ID" (LIW), "Database Host" (linux-v6u8), "Instance Number of the SAP HANA Database" (05), "Schema\*" (DBACOCKPIT), "Drop Existing Schema" (checkbox), "Schema Password\*" (password field), and "Confirm\*" (password field). Below these fields is the "Additional Information" section, which states "Follow the relevant instructions for your scenario:" and lists "Installation / System Conv / Migration (Load-Based)". At the bottom of the window, there are "Back" and "Next" buttons. A "Magnifier" tool is visible in the bottom right corner.



The screenshot shows the SAPinst Software Provisioning window for SAP Business Suite 7i 2013 Support Release 2 > EHP7 for SAP ERP 6.0 ABAP Support R6. The window title is "SAPinst root@linux-v6u8: SAP Business Suite 7i 2013 Support Release 2 > EHP7 for SAP ERP 6.0 ABAP Support R6". The menu bar includes "File", "SAPinst", and "Help". The main title is "Software Provisioning" with the SAP logo. A progress bar shows five steps: 1. Choose Option, 2. Define Parameters (highlighted), 3. Summary, 4. Execute, and 5. Completed. The current step is "Database Schema". Below the progress bar, it says "Enter the database schema password." The "Database Schema" section contains the following fields: "Database ID" (LIW), "Database Host" (linux-v6u8), "Instance Number of the SAP HANA Database" (05), "Schema\*" (SAPABAP1), "Drop Existing Schema" (checkbox), "Schema Password\*" (masked with asterisks), and "Confirm\*" (masked with asterisks). The "Additional Information" section says "Follow the relevant instructions for your scenario:" and lists "Installation / System Conv / Migration (Load-Based)". At the bottom, there are "Back" and "Next" buttons.

SAPinst root@linux-v6u8: SAP Business Suite 7i 2013 Support Release 2 > EHP7 for SAP ERP 6.0 ABAP Support R6

File SAPinst Help

Software Provisioning

1 Choose Option 2 Define Parameters 3 Summary 4 Execute 5 Completed

Database Schema

Enter the database schema password.

Database Schema

Database ID LIW

Database Host linux-v6u8

Instance Number of the SAP HANA Database 05

Schema\* SAPABAP1

Drop Existing Schema ☐

Schema Password\* \*\*\*\*\*

Confirm\* \*\*\*\*\*

Additional Information

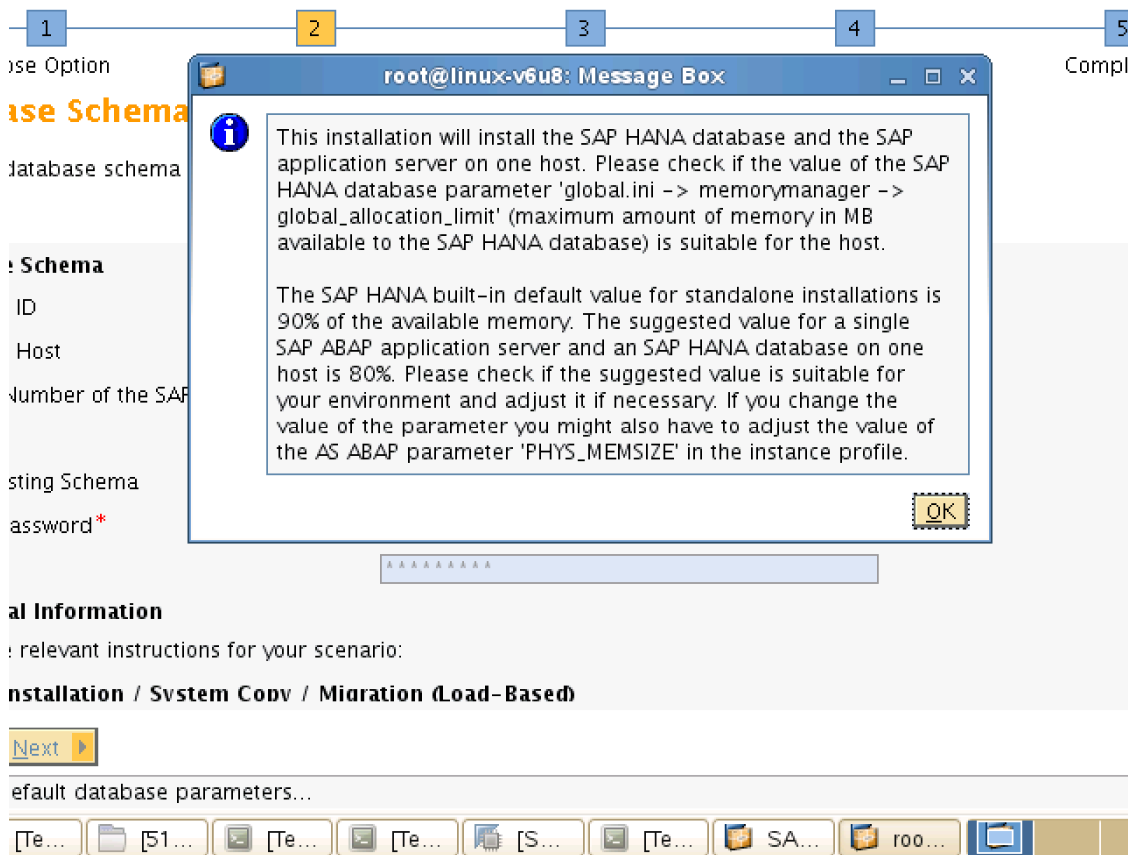
Follow the relevant instructions for your scenario:

● Installation / System Conv / Migration (Load-Based)

Back Next

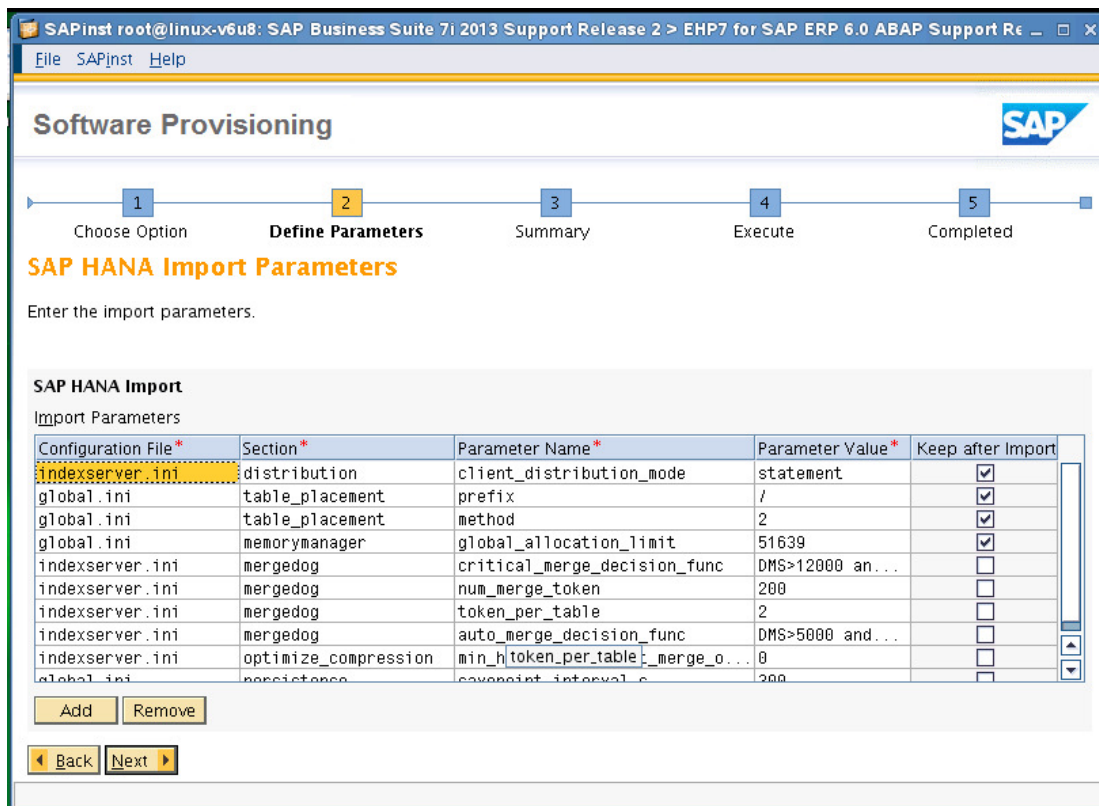


Click OK



STEP 12:

Enter the IMPORT PARAMETERS  
Default it is specify  
Click NEXT



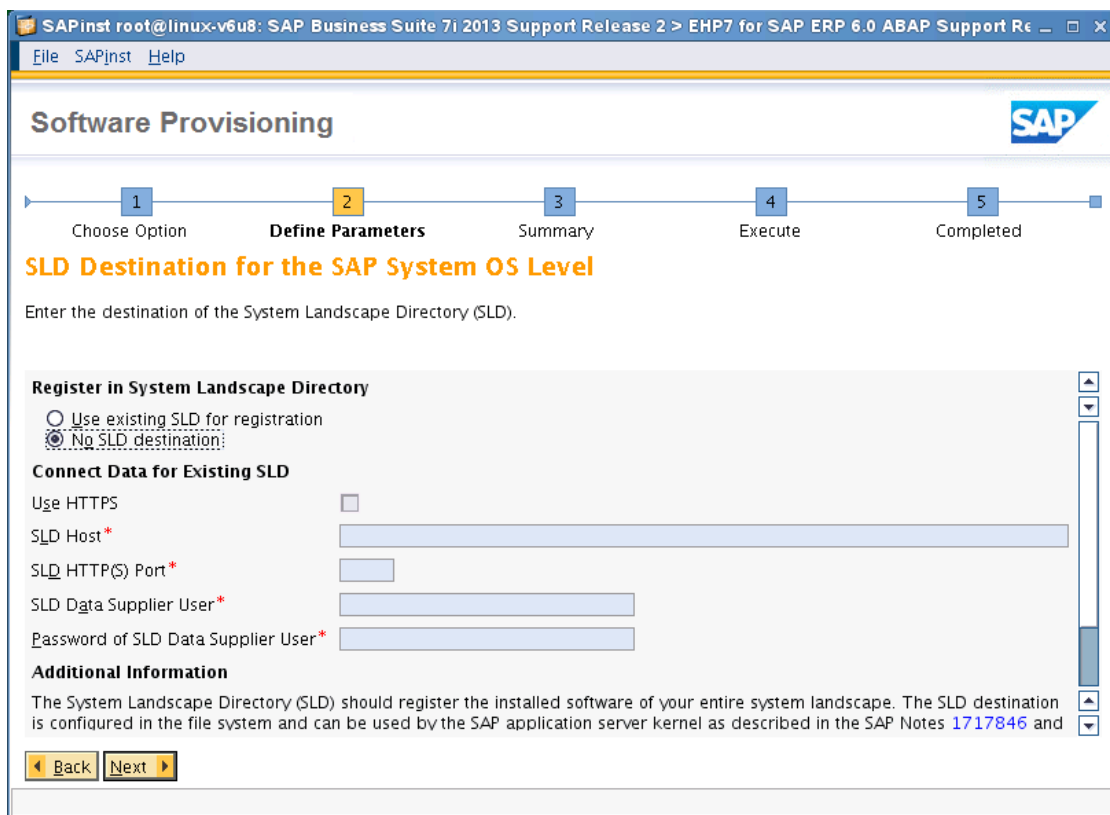
The screenshot shows the 'SAP HANA Import Parameters' screen in the SAPinst root@linux-v6u8: SAP Business Suite 7i 2013 Support Release 2 > EHP7 for SAP ERP 6.0 ABAP Support Release 7.0. The screen is titled 'Software Provisioning' and has a progress bar with five steps: 1. Choose Option, 2. Define Parameters (current step), 3. Summary, 4. Execute, and 5. Completed. Below the progress bar, the title 'SAP HANA Import Parameters' is displayed. The instruction 'Enter the import parameters.' is shown. The 'SAP HANA Import' section contains a table of 'Import Parameters'.

Configuration File*	Section*	Parameter Name*	Parameter Value*	Keep after Import
indexserver.ini	distribution	client_distribution_mode	statement	<input checked="" type="checkbox"/>
global.ini	table_placement	prefix	/	<input checked="" type="checkbox"/>
global.ini	table_placement	method	2	<input checked="" type="checkbox"/>
global.ini	memorymanager	global_allocation_limit	51639	<input checked="" type="checkbox"/>
indexserver.ini	mergedog	critical_merge_decision_func	DMS>12000 an...	<input type="checkbox"/>
indexserver.ini	mergedog	num_merge_token	200	<input type="checkbox"/>
indexserver.ini	mergedog	token_per_table	2	<input type="checkbox"/>
indexserver.ini	mergedog	auto_merge_decision_func	DMS>5000 and...	<input type="checkbox"/>
indexserver.ini	optimize_compression	min_h_token_per_table_merge_o...	0	<input type="checkbox"/>
global.ini	persistence	checkpoint_interval_s	200	<input type="checkbox"/>

Below the table are 'Add' and 'Remove' buttons. At the bottom, there are 'Back' and 'Next' buttons.

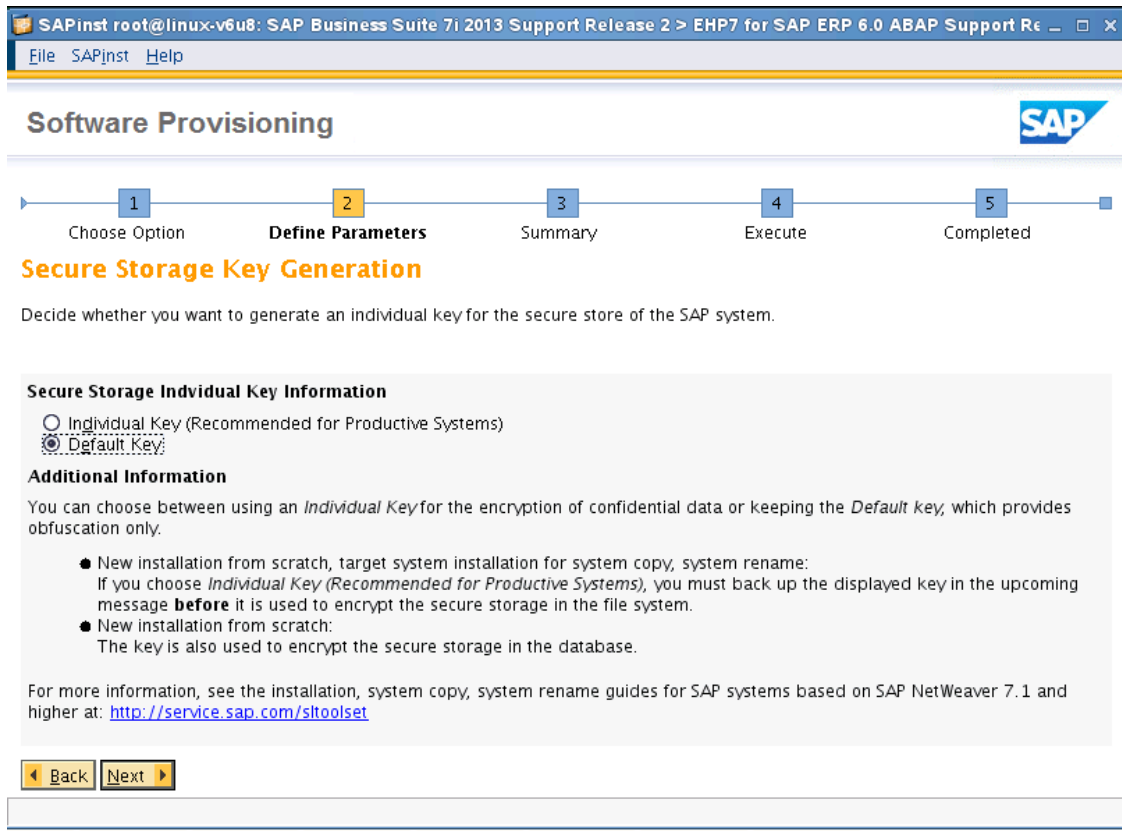
## STEP 13:

Select NO SLD DESTINATION



STEP 14:

Select DEFAULT KEY



SAPinst root@linux-v6u8: SAP Business Suite 7i 2013 Support Release 2 > EHP7 for SAP ERP 6.0 ABAP Support Re

File SAPinst Help

## Software Provisioning

1 Choose Option 2 **Define Parameters** 3 Summary 4 Execute 5 Completed

### Secure Storage Key Generation

Decide whether you want to generate an individual key for the secure store of the SAP system.

#### Secure Storage Individual Key Information

☐ Individual Key (Recommended for Productive Systems)  
☒ **Default Key**

#### Additional Information

You can choose between using an *Individual Key* for the encryption of confidential data or keeping the *Default key*, which provides obfuscation only.

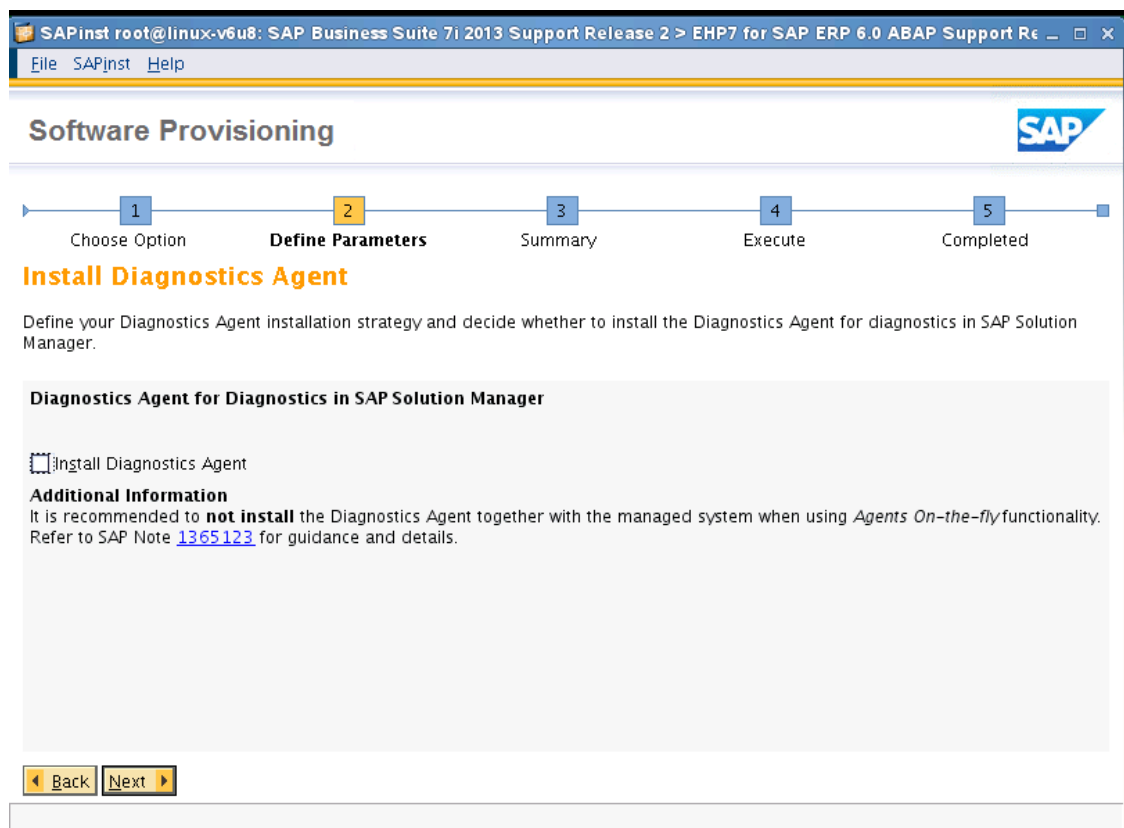
- New installation from scratch, target system installation for system copy, system rename:  
If you choose *Individual Key (Recommended for Productive Systems)*, you must back up the displayed key in the upcoming message **before** it is used to encrypt the secure storage in the file system.
- New installation from scratch:  
The key is also used to encrypt the secure storage in the database.

For more information, see the installation, system copy, system rename guides for SAP systems based on SAP NetWeaver 7.1 and higher at: <http://service.sap.com/stoolset>

Back Next

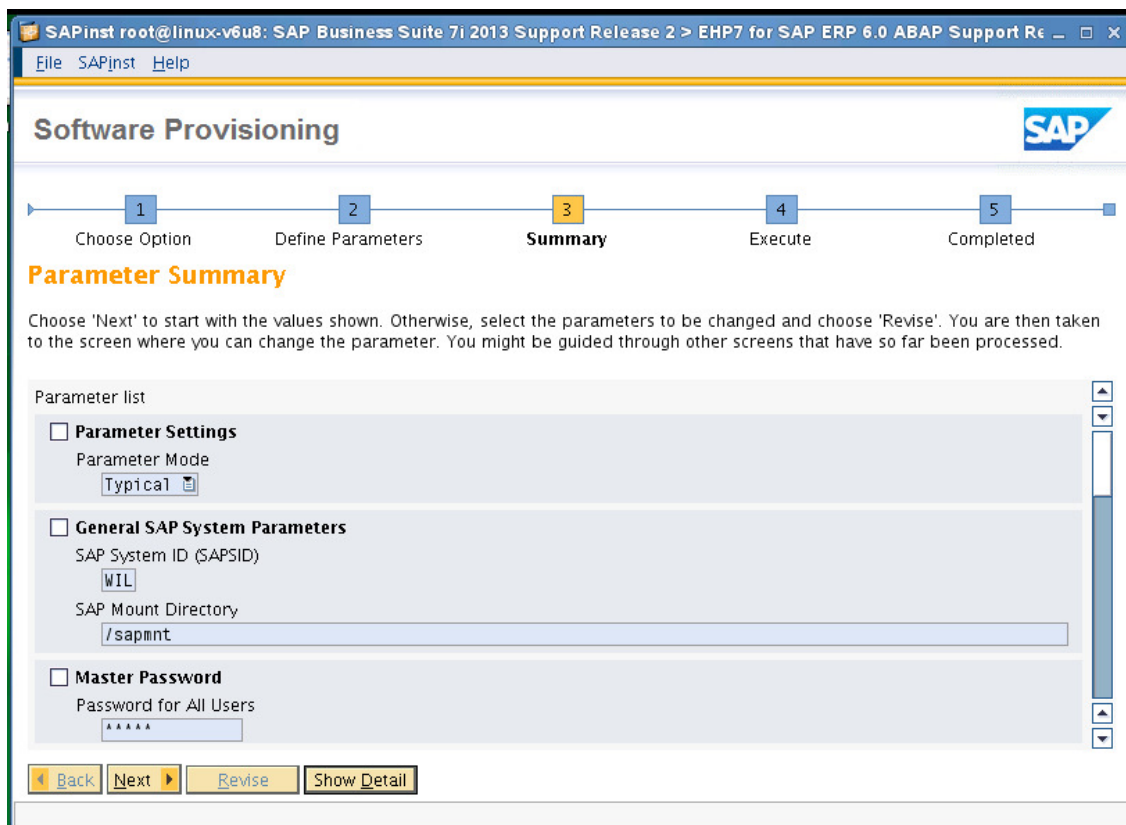


Click NEXT



STEP 15:

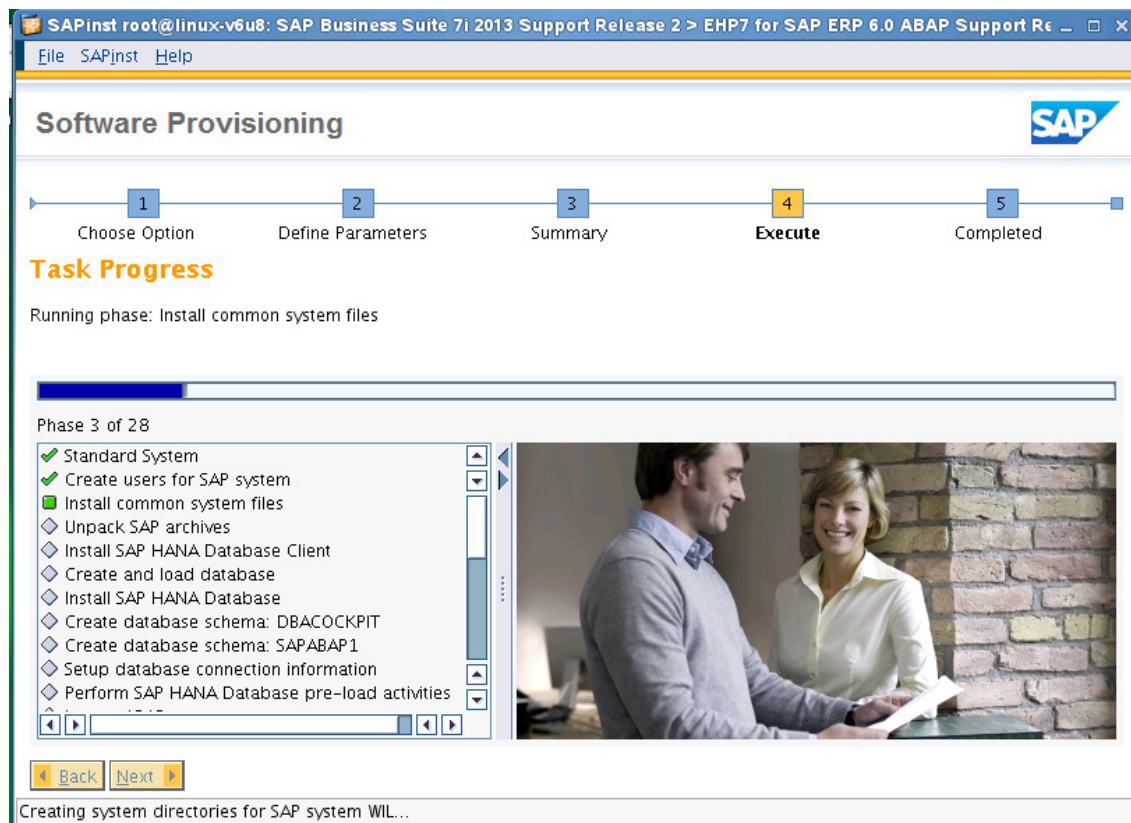
Click NEXT



The screenshot shows the SAPinst Software Provisioning window. The title bar indicates the user is root@linux-v6u8 and the application is SAP Business Suite 7i 2013 Support Release 2 > EHP7 for SAP ERP 6.0 ABAP Support Re. The window has a menu bar with File, SAPinst, and Help. The main content area is titled 'Software Provisioning' and features a progress bar with five steps: 1. Choose Option, 2. Define Parameters, 3. Summary (highlighted), 4. Execute, and 5. Completed. Below the progress bar is the 'Parameter Summary' section, which includes instructions: 'Choose 'Next' to start with the values shown. Otherwise, select the parameters to be changed and choose 'Revise'. You are then taken to the screen where you can change the parameter. You might be guided through other screens that have so far been processed.' The 'Parameter list' section contains three expandable sections: 'Parameter Settings' (with 'Parameter Mode' set to 'Typical'), 'General SAP System Parameters' (with 'SAP System ID (SAPSID)' set to 'WIL' and 'SAP Mount Directory' set to '/sapmnt'), and 'Master Password' (with 'Password for All Users' masked as '\*\*\*\*\*'). At the bottom, there are four buttons: 'Back', 'Next', 'Revise', and 'Show Detail'.

STEP 16:

Installation progressing





### Related Content:

<http://service.sap.com>  
<http://support.sap.com>  
[www.help.sap.com](http://www.help.sap.com)  
[www.sdn.sap.com/irj/sdn/index](http://www.sdn.sap.com/irj/sdn/index).

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