

**APPLIES TO:**

SCM INSTALLATION ON RET HAT ENTERPRISES 6.2

**SUMMARY:**

This article explains how to perform the **SCM INSTALLATION ON RET HAT ENTERPRISES 6.2**

**AUTHOR:**

K.VENKATA RAMU.

**COMPANY:**

WILLSYS INFOSYSTEMS Pvt. Ltd.,

**CREATED ON:**

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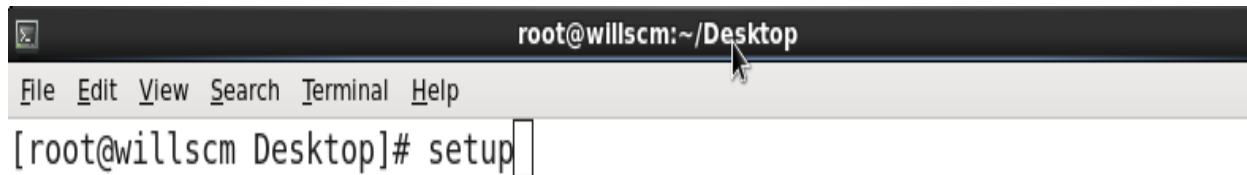
**SCM INSTALLATION ON RET HAT ENTERPRISES 6.2**  
**(SCM VERSION EHP 3 SCM 7)**

**PRE-STEP:**

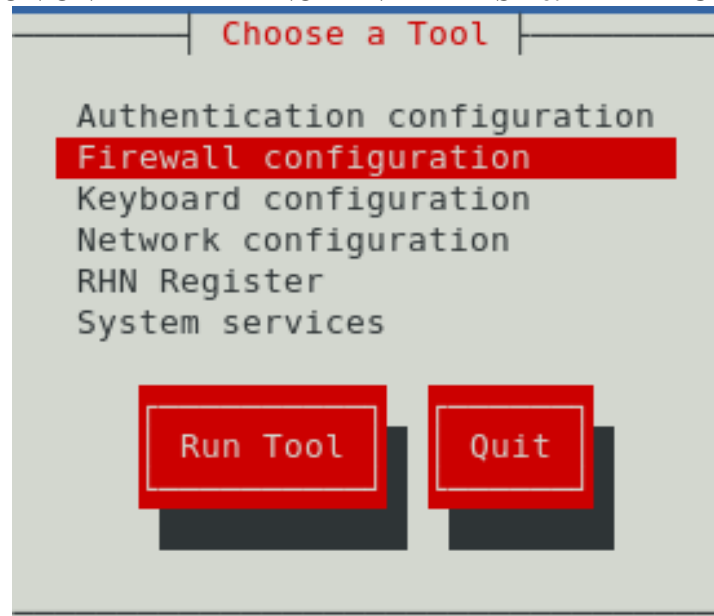
**STEP 1:**

Disable Firewall Configuration

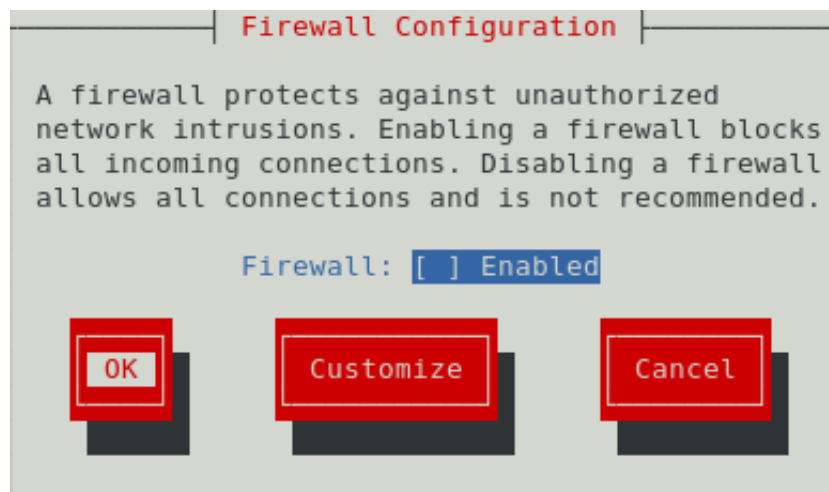
- Open New Terminal and Execute **SETUP** Command
- Select Firewall Configuration



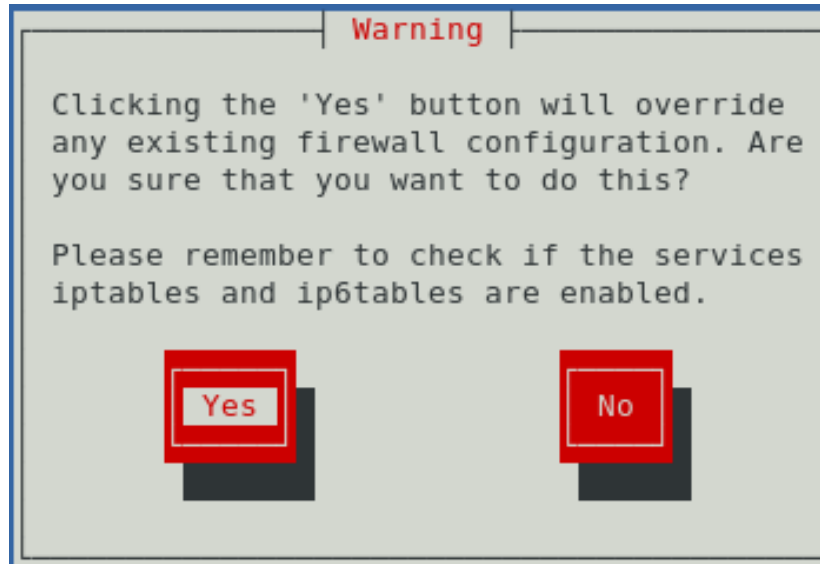
```
root@willscm:~/Desktop
File Edit View Search Terminal Help
[root@willscm Desktop]# setup
```



- Unselect Enable Option. Then Select OK



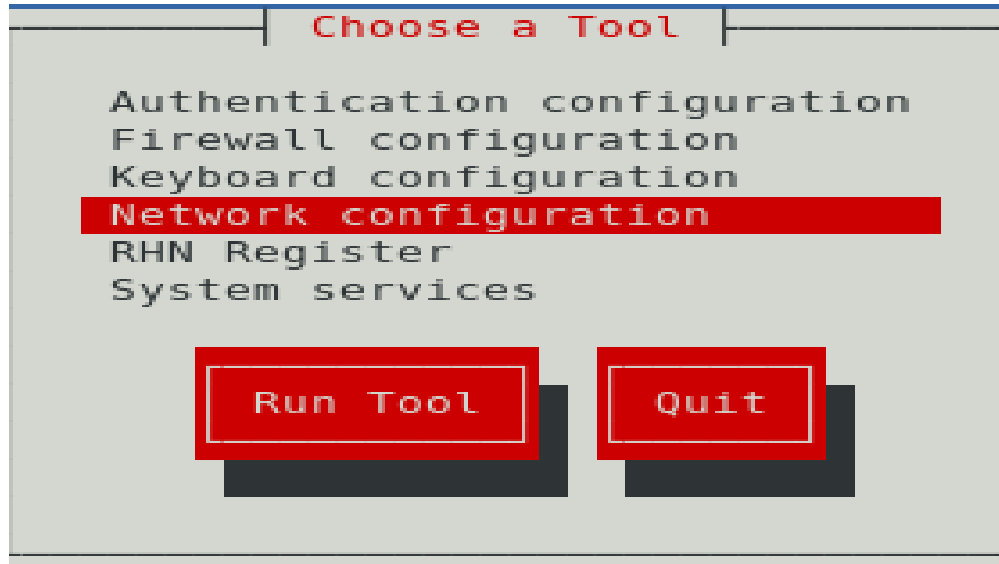
- Select YES



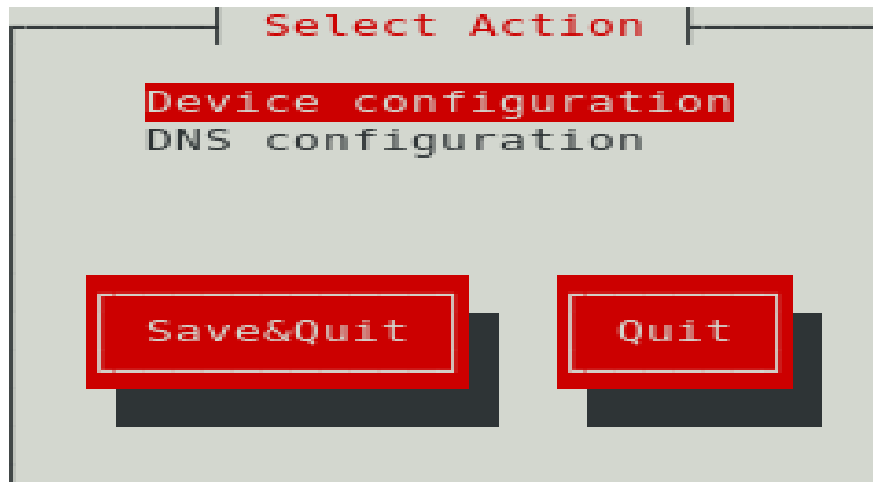
STEP 2:

Configure Network

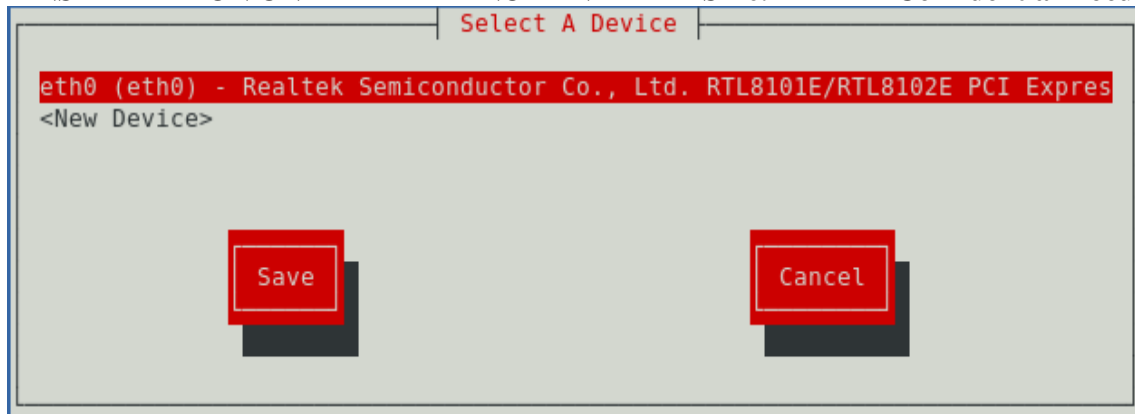
Select Network Configuration Option and Press ENTER



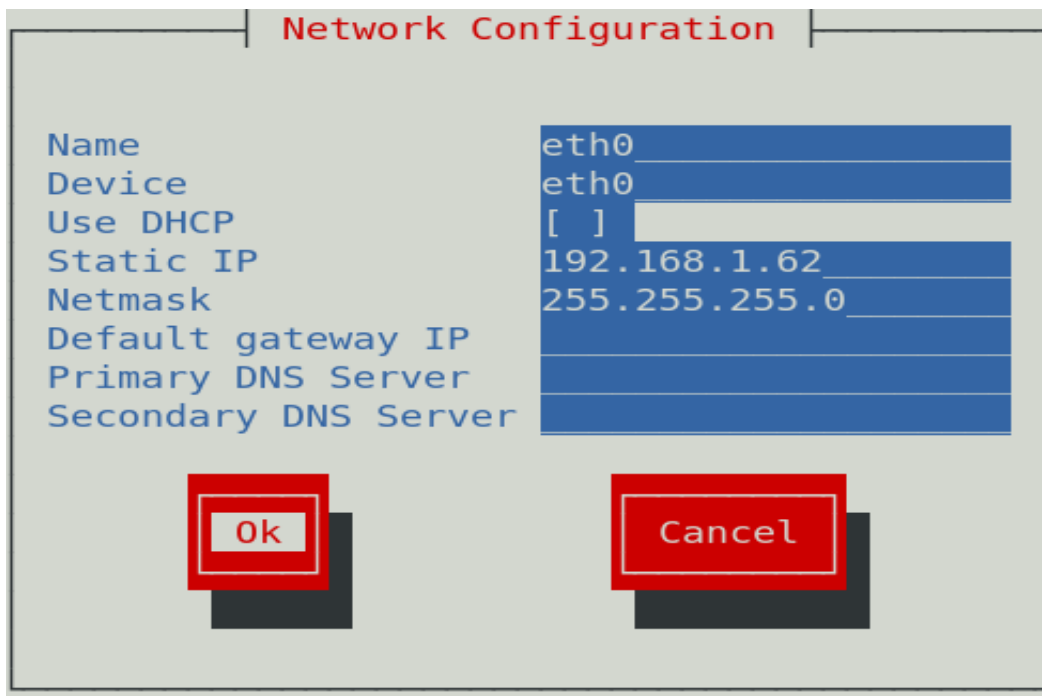
- Select Device Configuration and Press ENTER



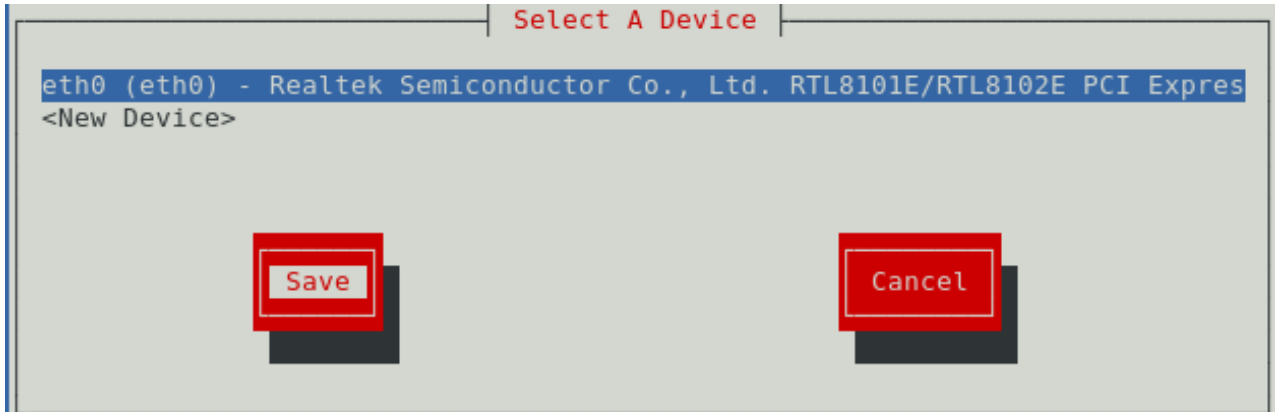
- Select eth0 (eth0) – Realtek Semiconductor Co., Ltd. RTL8102E PCI Express Option and Press ENTER



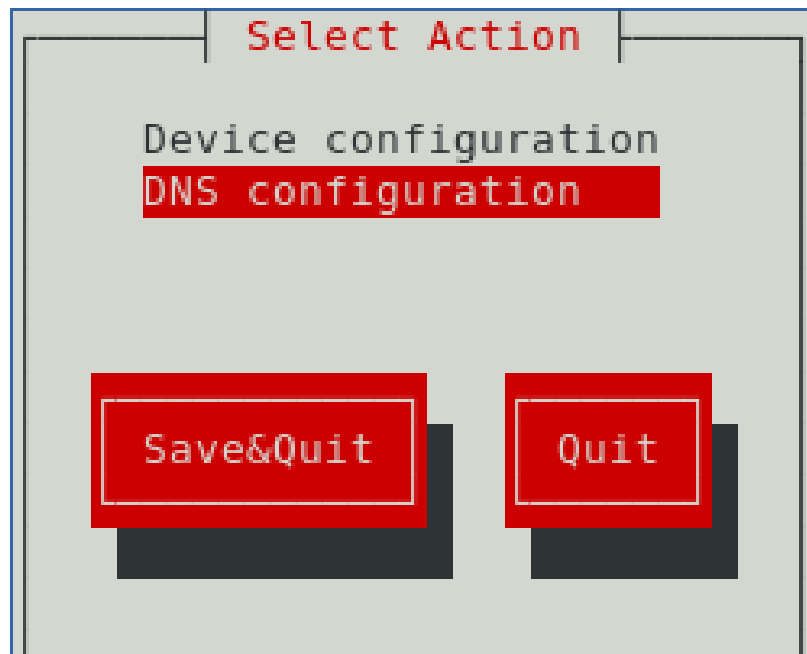
- Specify IPADDRESS and SUB NETMASK and click OK



- Click SAVE

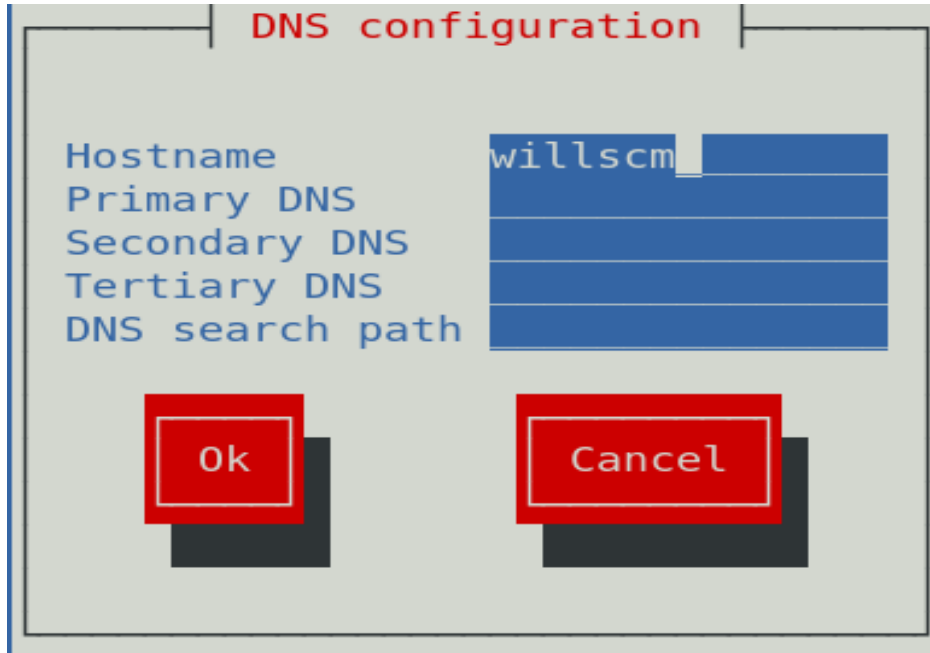


- Select DNS Configuration and Press ENTER

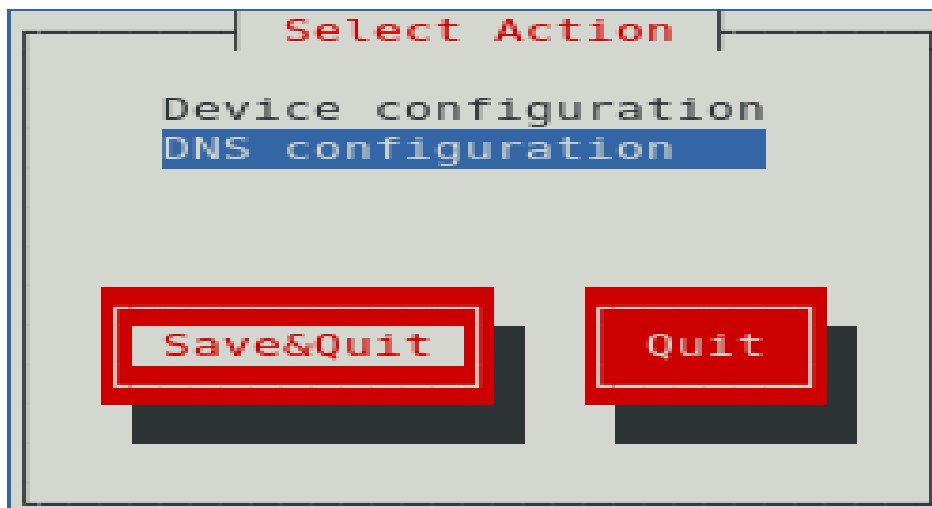


- Specify HOSTNAME

- Select Ok

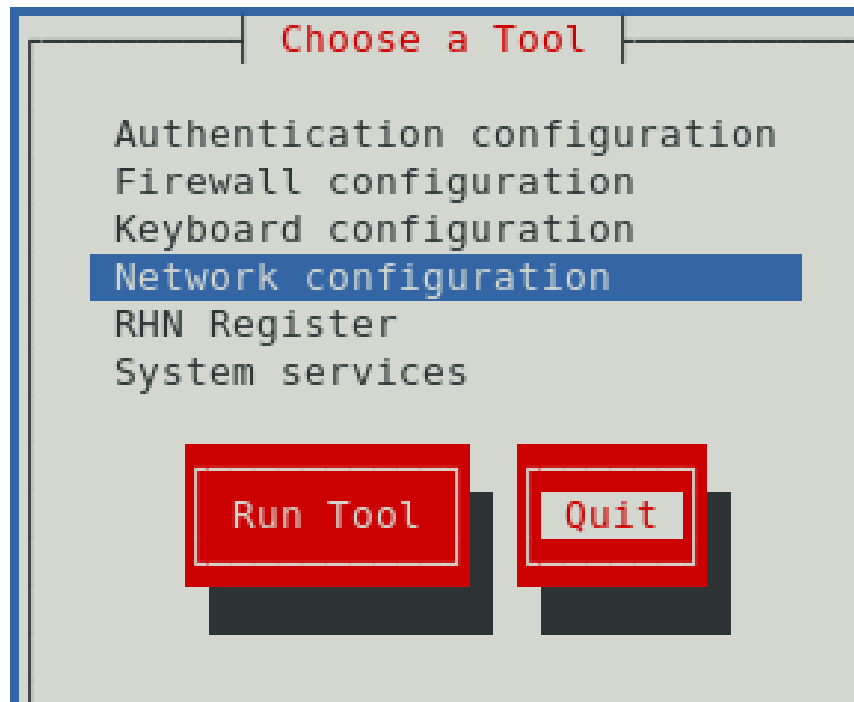


- Select SAVE & QUIT and Press ENTER





- Select QUIT and Press ENTER



STEP 3:

Activate NETWORK CONNECTION

```
root@willscm:~/Desktop
File Edit View Search Terminal Help
[root@willscm Desktop]# ifconfig eth0 192.168.1.62 up
```

STEP 4:

Maintain IPADDRESS and HOSTNAME in /etc/hosts

```
File Edit View Search Terminal Help
[root@willerp Desktop]# vi /etc/hosts
```

➤ Delete the Some Line





➤ Ping HOSTNAME

```
root@willscm:~/Desktop
File Edit View Search Terminal Help
[root@willscm Desktop]# ping willscm
PING willscm (192.168.1.62) 56(84) bytes of data.
64 bytes from willscm (192.168.1.62): icmp_seq=1 ttl=64 time=0.029 ms
64 bytes from willscm (192.168.1.62): icmp_seq=2 ttl=64 time=0.030 ms
64 bytes from willscm (192.168.1.62): icmp_seq=3 ttl=64 time=1.37 ms
64 bytes from willscm (192.168.1.62): icmp_seq=4 ttl=64 time=0.033 ms
```

STEP 5:

Give the Permission for /usr and /sapdb Directory

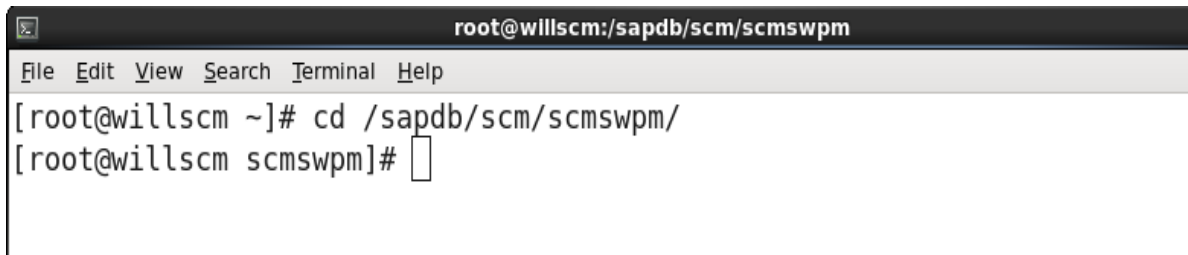
```
File Edit View Search Terminal Help
[root@willerp Desktop]# cd /
[root@willerp /]# chmod -R 775 /usr/
[root@willerp /]# chmod -R 775 /sapdb/
[root@willerp /]#
```

## SCM INSTALLATION

### PROCESSING STEP:

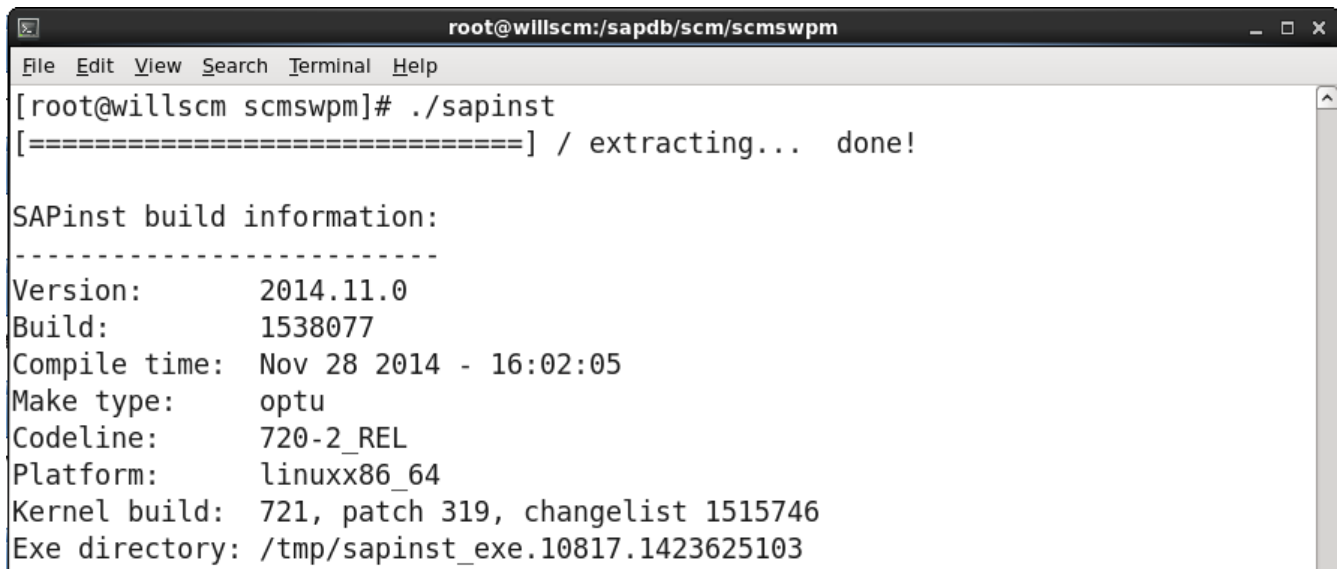
#### STEP 6:

- Install SCM
- First Go to SAPINST Location Path
- Go to /sapdb/scm/scmswpm/
- Execute SAPINST exe



```
root@willscm:/sapdb/scm/scmswpm
File Edit View Search Terminal Help
[root@willscm ~]# cd /sapdb/scm/scmswpm/
[root@willscm scmswpm]#
```

- Execute **./sapinst**

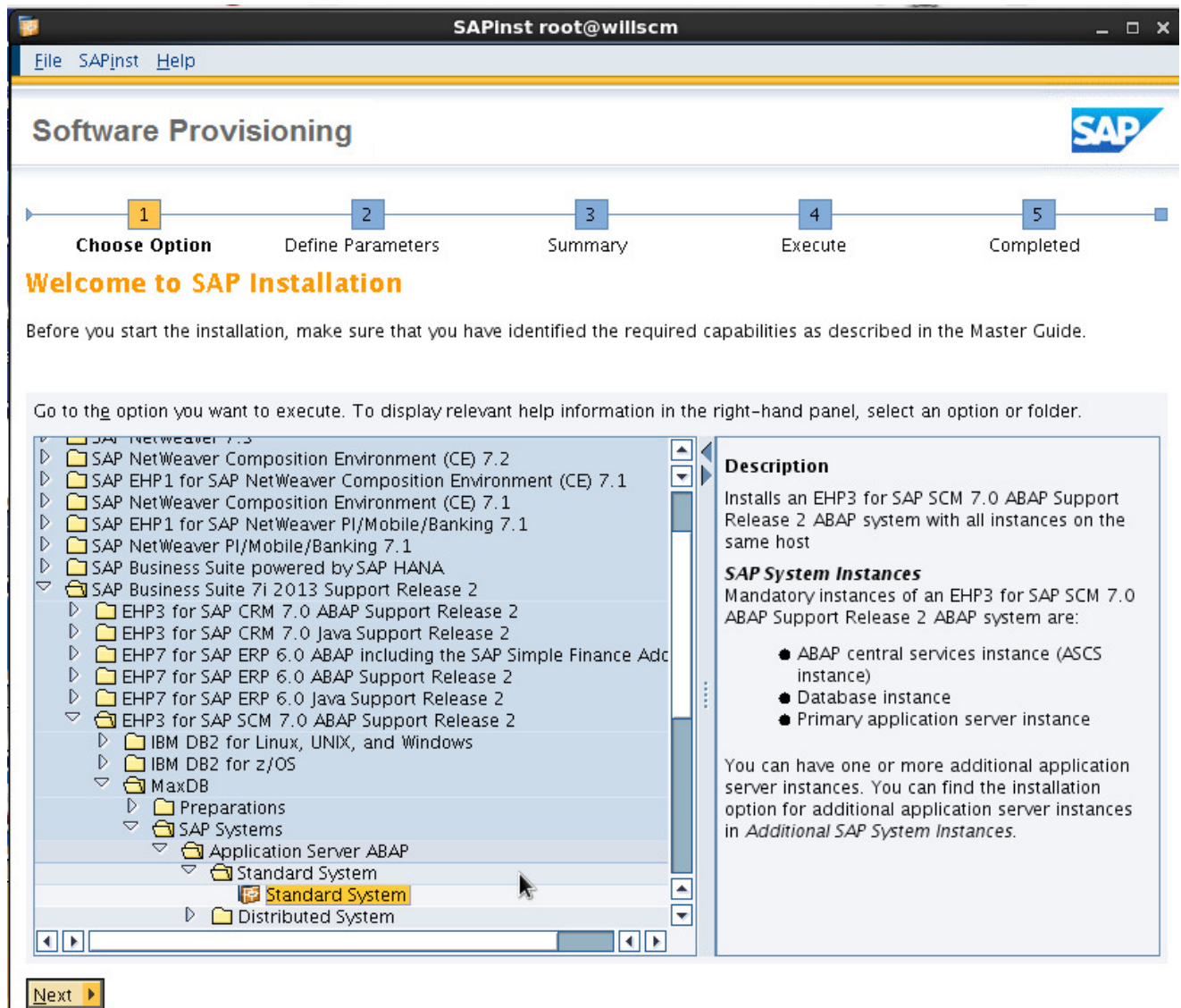


```
root@willscm:/sapdb/scm/scmswpm
File Edit View Search Terminal Help
[root@willscm scmswpm]# ./sapinst
[=====] / extracting... done!

SAPinst build information:
-----
Version:      2014.11.0
Build:       1538077
Compile time: Nov 28 2014 - 16:02:05
Make type:   optu
Codeline:   720-2_REL
Platform:   linuxx86_64
Kernel build: 721, patch 319, changelist 1515746
Exe directory: /tmp/sapinst_exe.10817.1423625103
```

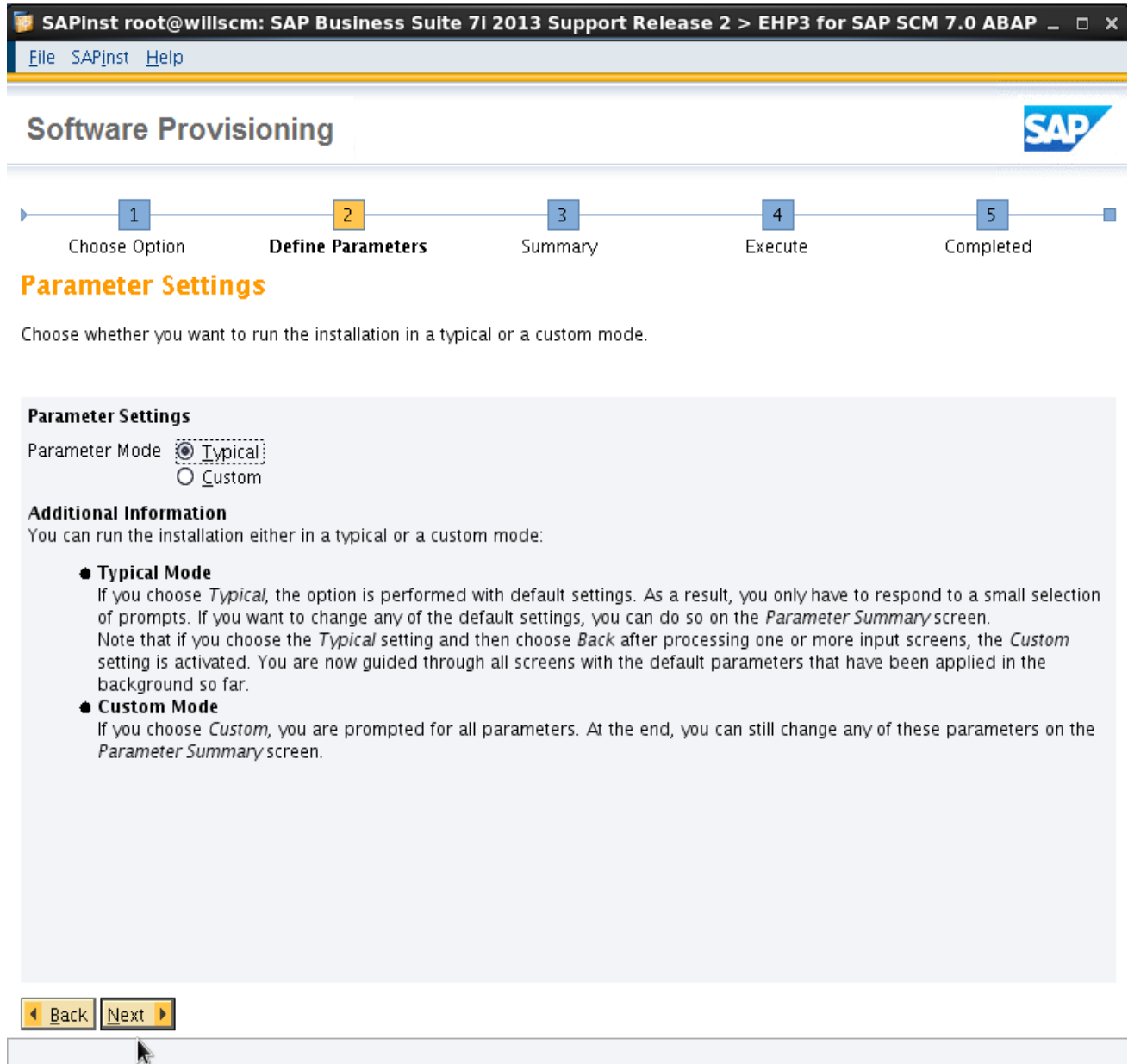
STEP 7:

- SAP Business Suite 7i 2013 Support Release 2 · EHP 3 for SAP SCM 7.0 ABAP Support Release 2 · MaxDB · SAP System · Application Server ABAP · Standard System · Standard System
  
- Then Click NEXT



STEP 8:

Select TYPICAL. Then Click NEXT



SAPInst root@willscm: SAP Business Suite 7i 2013 Support Release 2 > EHP3 for SAP SCM 7.0 ABAP

File SAPInst Help

### Software Provisioning

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

#### Parameter Settings

Choose whether you want to run the installation in a typical or a custom mode.

**Parameter Settings**

Parameter Mode  Typical  Custom

**Additional Information**

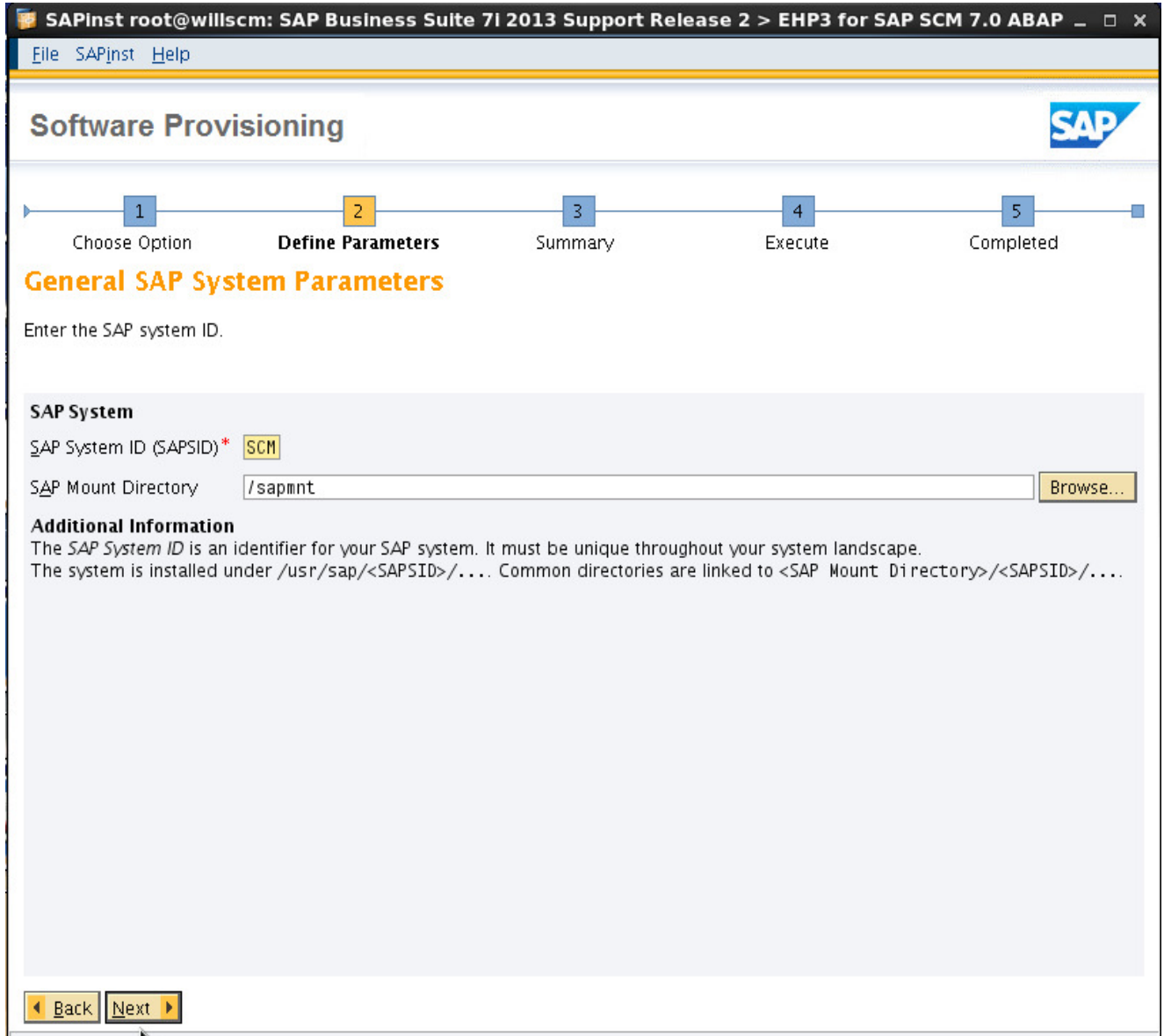
You can run the installation either in a typical or a custom mode:

- **Typical Mode**  
If you choose *Typical*, the option is performed with default settings. As a result, you only have to respond to a small selection of prompts. If you want to change any of the default settings, you can do so on the *Parameter Summary* screen. Note that if you choose the *Typical* setting and then choose *Back* after processing one or more input screens, the *Custom* setting is activated. You are now guided through all screens with the default parameters that have been applied 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 of these parameters on the *Parameter Summary* screen.

◀ Back Next ▶

STEP 9:

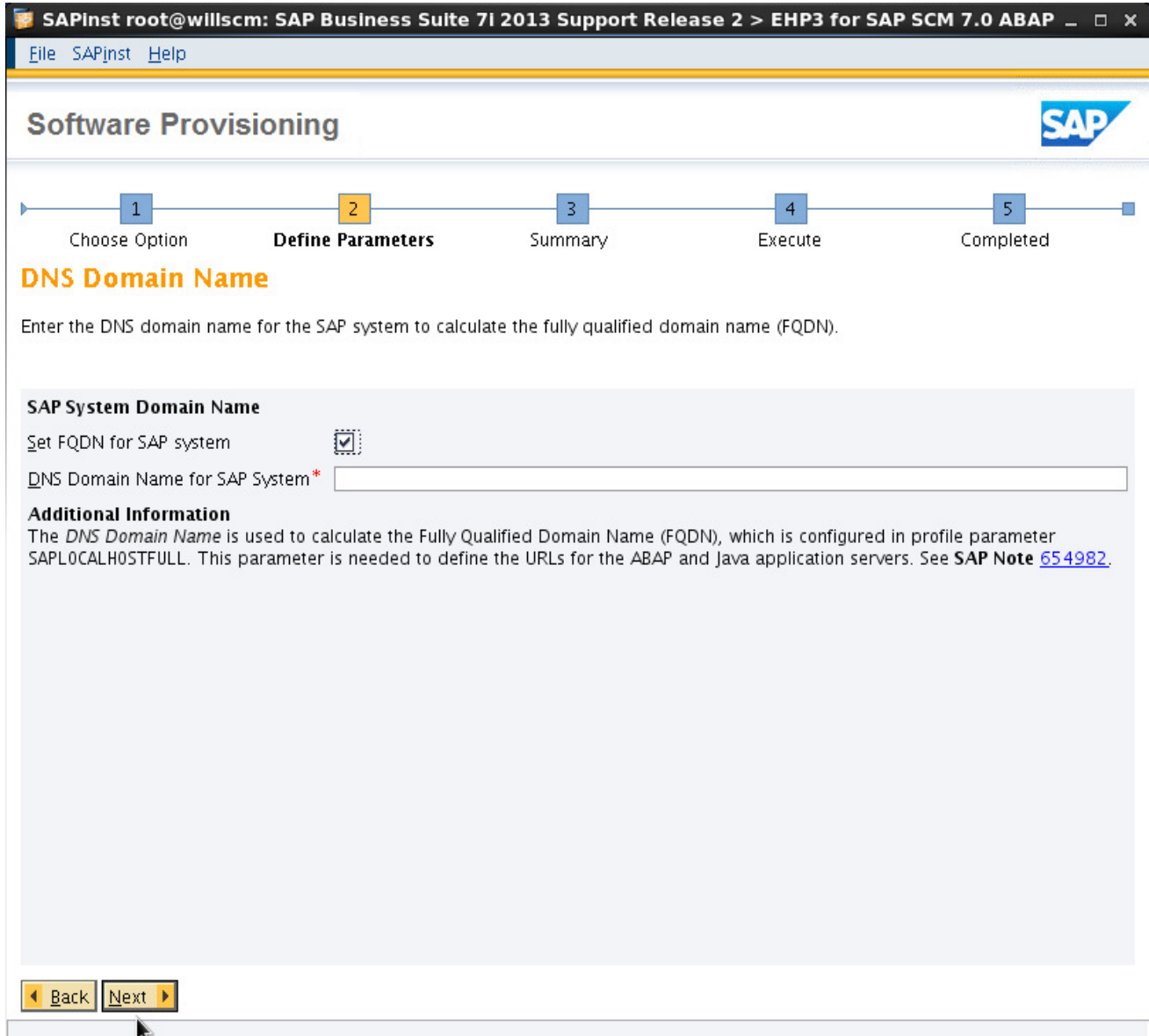
Specify SAP System ID. Then Click NEXT





STEP 10:

Unselect Set FQDN for SAP System



SAPInst root@willscm: SAP Business Suite 7i 2013 Support Release 2 > EHP3 for SAP SCM 7.0 ABAP

File SAPInst Help

### Software Provisioning

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

#### DNS Domain Name

Enter the DNS domain name for the SAP system to calculate the fully qualified domain name (FQDN).

**SAP System Domain Name**

Set FQDN for SAP system

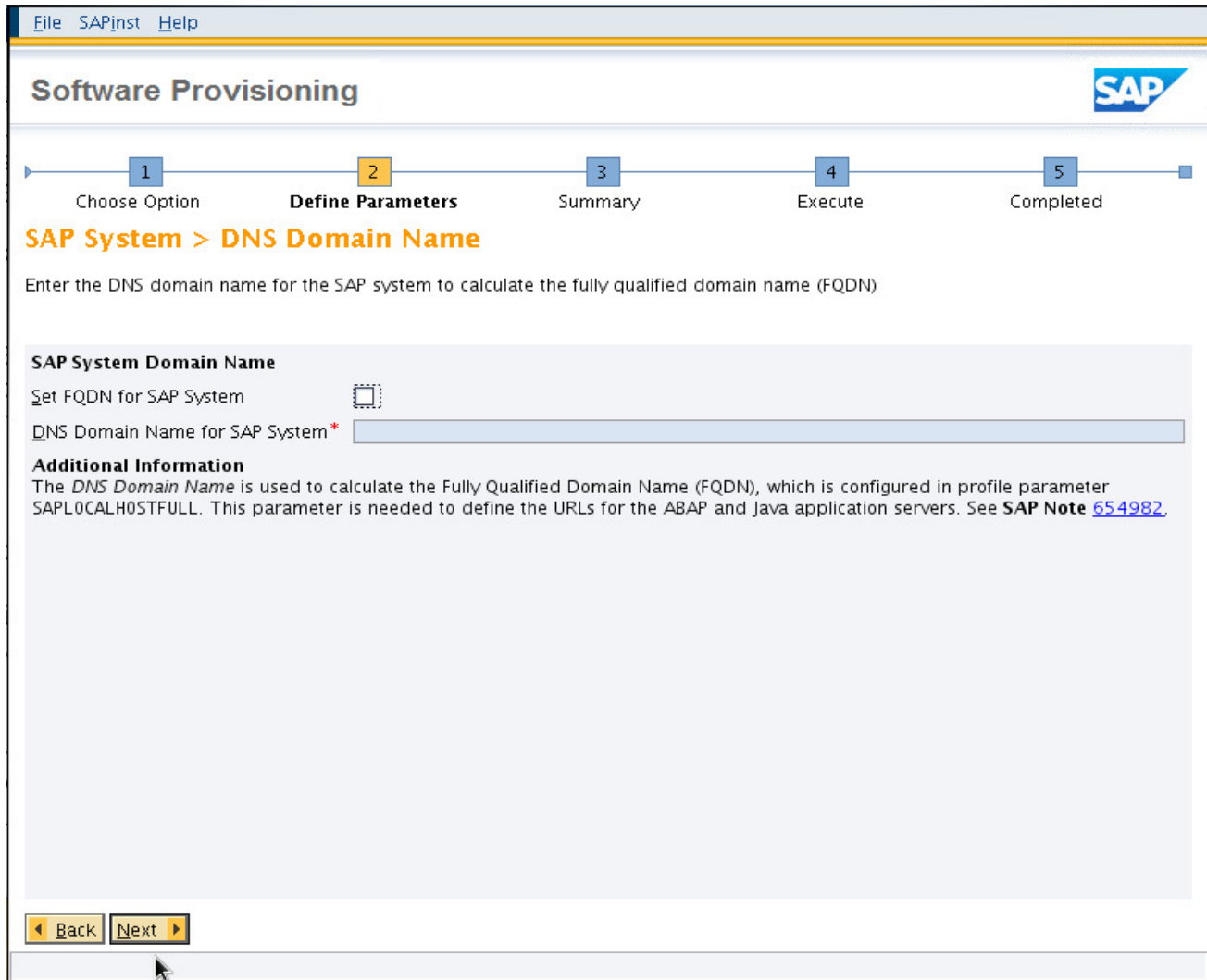
DNS Domain Name for SAP System\*

**Additional Information**

The *DNS Domain Name* is used to calculate the Fully Qualified Domain Name (FQDN), which is configured in profile parameter SAPLOCALHOSTFULL. This parameter is needed to define the URLs for the ABAP and Java application servers. See [SAP Note 654982](#).

Back Next

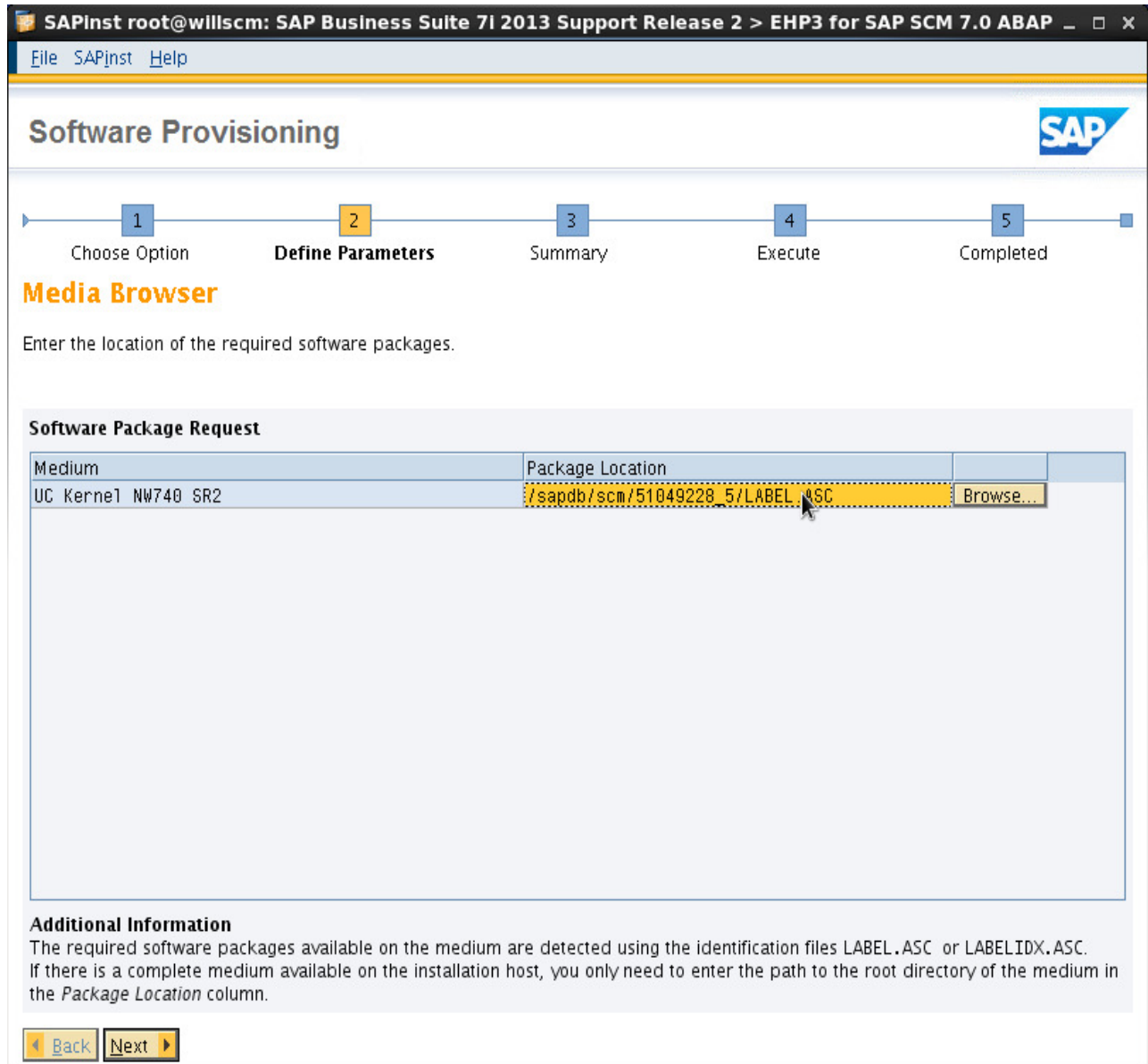
➤ Click NEXT



The screenshot shows the SAP Software Provisioning wizard interface. At the top, there is a menu bar with 'File', 'SAPjnst', and 'Help'. Below the menu bar is the title 'Software Provisioning' and the SAP logo. A progress bar indicates five steps: 1. Choose Option, 2. Define Parameters (highlighted in yellow), 3. Summary, 4. Execute, and 5. Completed. The current step is 'SAP System > DNS Domain Name'. The main content area contains the instruction: 'Enter the DNS domain name for the SAP system to calculate the fully qualified domain name (FQDN)'. Below this is a section titled 'SAP System Domain Name' with a sub-label 'Set FQDN for SAP System' and a small icon. A text input field is labeled 'DNS Domain Name for SAP System \*'. Underneath is an 'Additional Information' section with text explaining the FQDN parameter and its use in SAP Note 654982. At the bottom left, there are 'Back' and 'Next' navigation buttons.

STEP 11:

Specify Database location of the required software packages. Then Click NEXT

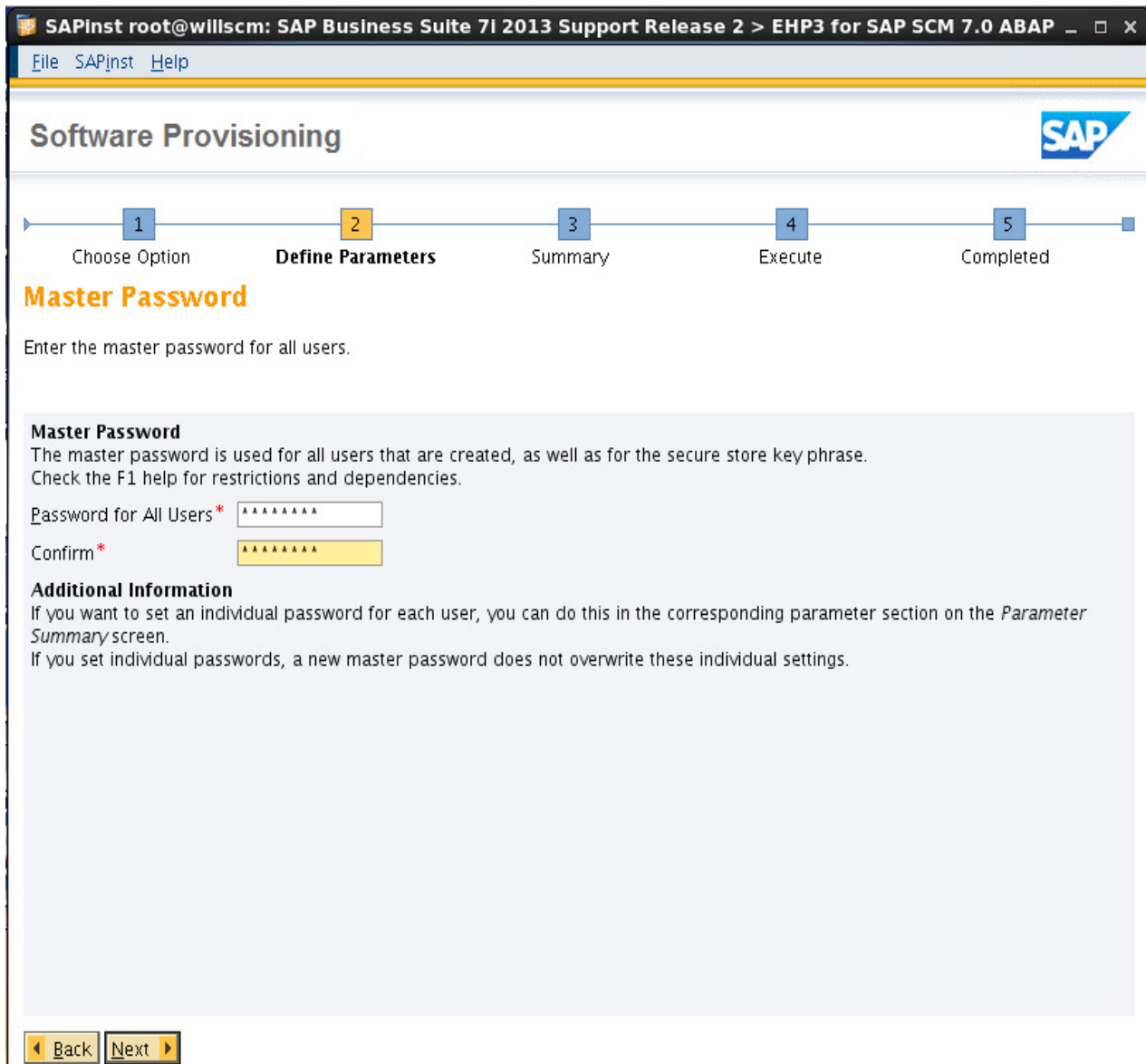


The screenshot shows the SAPinst 'Software Provisioning' interface. At the top, the window title is 'SAPinst root@willscm: SAP Business Suite 7i 2013 Support Release 2 > EHP3 for SAP SCM 7.0 ABAP'. Below the title bar is a menu with 'File', 'SAPinst', and 'Help'. The main header is 'Software Provisioning' with the SAP logo on the right. A progress bar below the header shows five steps: 1. Choose Option, 2. Define Parameters (highlighted in orange), 3. Summary, 4. Execute, and 5. Completed. The main content area is titled 'Media Browser' and contains the instruction: 'Enter the location of the required software packages.' Below this is a section titled 'Software Package Request' containing a table with two columns: 'Medium' and 'Package Location'. The table has one row with the following data: Medium: 'UC Kerne1 NW740 SR2', Package Location: '/sapdb/scm/51049228\_5/LABEL.ASC'. A 'Browse...' button is visible to the right of the Package Location cell. Below the table is an 'Additional Information' section with the text: '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.' At the bottom left, there are 'Back' and 'Next' navigation buttons.

Medium	Package Location
UC Kerne1 NW740 SR2	/sapdb/scm/51049228_5/LABEL.ASC

STEP 12:

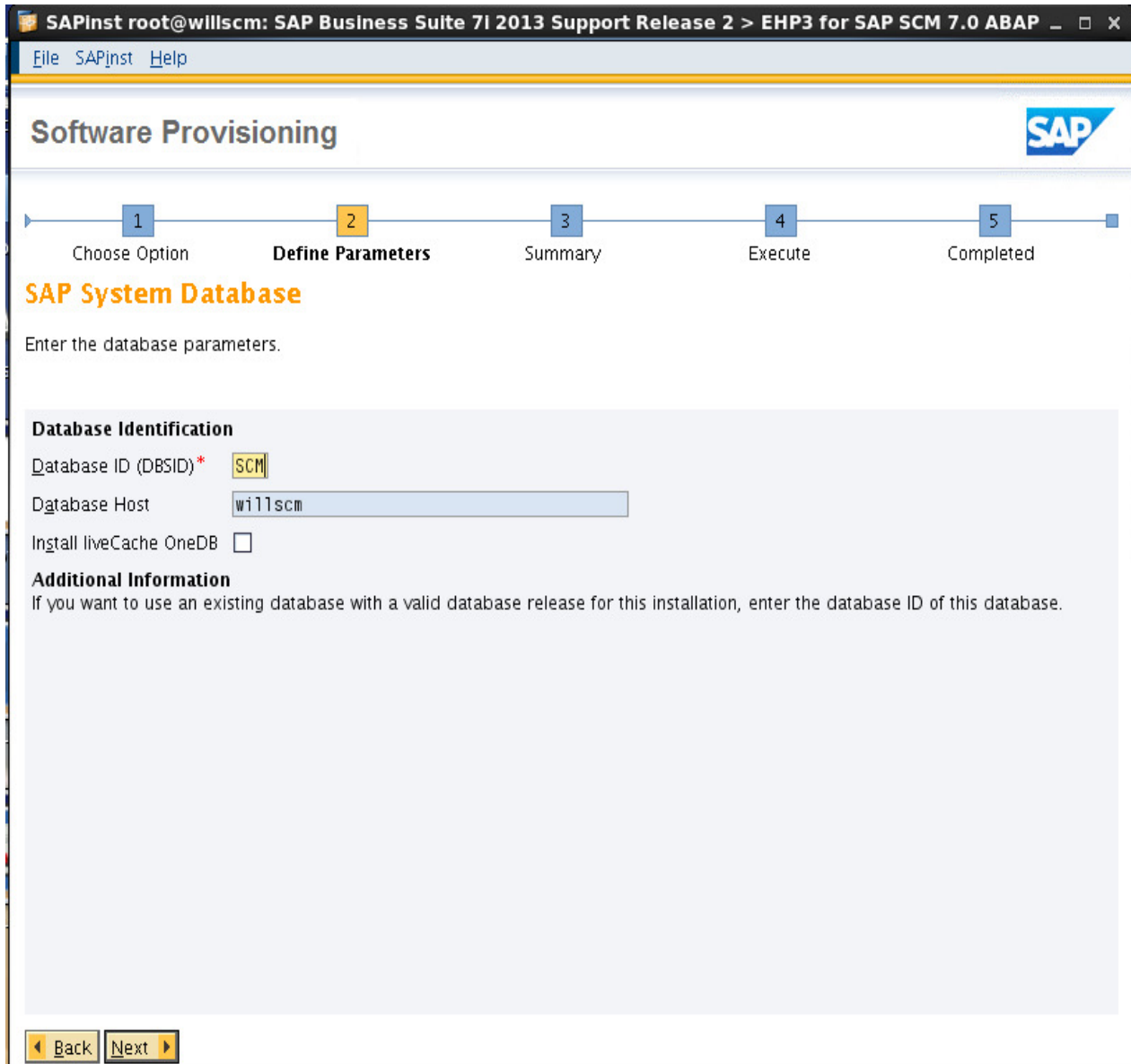
Specify Master Password for all users. Then Click NEXT



The screenshot shows the SAP Software Provisioning wizard interface. At the top, the title bar reads "SAPInst root@willscm: SAP Business Suite 7i 2013 Support Release 2 > EHP3 for SAP SCM 7.0 ABAP". Below the title bar is 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 (highlighted in orange), 3. Summary, 4. Execute, and 5. Completed. The "Define Parameters" step is the current focus, with the sub-heading "Master Password" in orange. Below this, the instruction reads: "Enter the master password for all users." A section titled "Master Password" explains that the master password is used for all users and for the secure store key phrase, and advises checking F1 help for restrictions. It contains two input fields: "Password for All Users\*" and "Confirm\*", both with masked characters. Below the input fields is an "Additional Information" section with text explaining that individual passwords can be set in the parameter summary screen and that a new master password does not overwrite these settings. At the bottom of the window, there are "Back" and "Next" navigation buttons.

STEP 13:

Specify the Database Id. Then Click NEXT




The screenshot shows the SAP Software Provisioning wizard window. The title bar reads "SAPInst root@willscm: SAP Business Suite 7I 2013 Support Release 2 > EHP3 for SAP SCM 7.0 ABAP". The menu bar includes "File", "SAPInst", and "Help". The main heading is "Software Provisioning" with the SAP logo on the right. A progress bar at the top shows five steps: 1. Choose Option, 2. Define Parameters (highlighted in yellow), 3. Summary, 4. Execute, and 5. Completed. Below the progress bar, the section "SAP System Database" is displayed in orange text. The instruction "Enter the database parameters." is shown. Under "Database Identification", there are three fields: "Database ID (DBSID)\*" with the value "SCM", "Database Host" with the value "willscm", and "Install liveCache OneDB" with an unchecked checkbox. Below this is the "Additional Information" section, which contains the text: "If you want to use an existing database with a valid database release for this installation, enter the database ID of this database." At the bottom left, there are "Back" and "Next" navigation buttons.

STEP 14:

Specify KERNEL location of the required software packages. Then Click NEXT

## Software Provisioning



1  
Choose Option

2  
**Define Parameters**

3  
Summary

4  
Execute

5  
Completed

### Media Browser

Enter the location of the required software packages.

**Software Package Request**

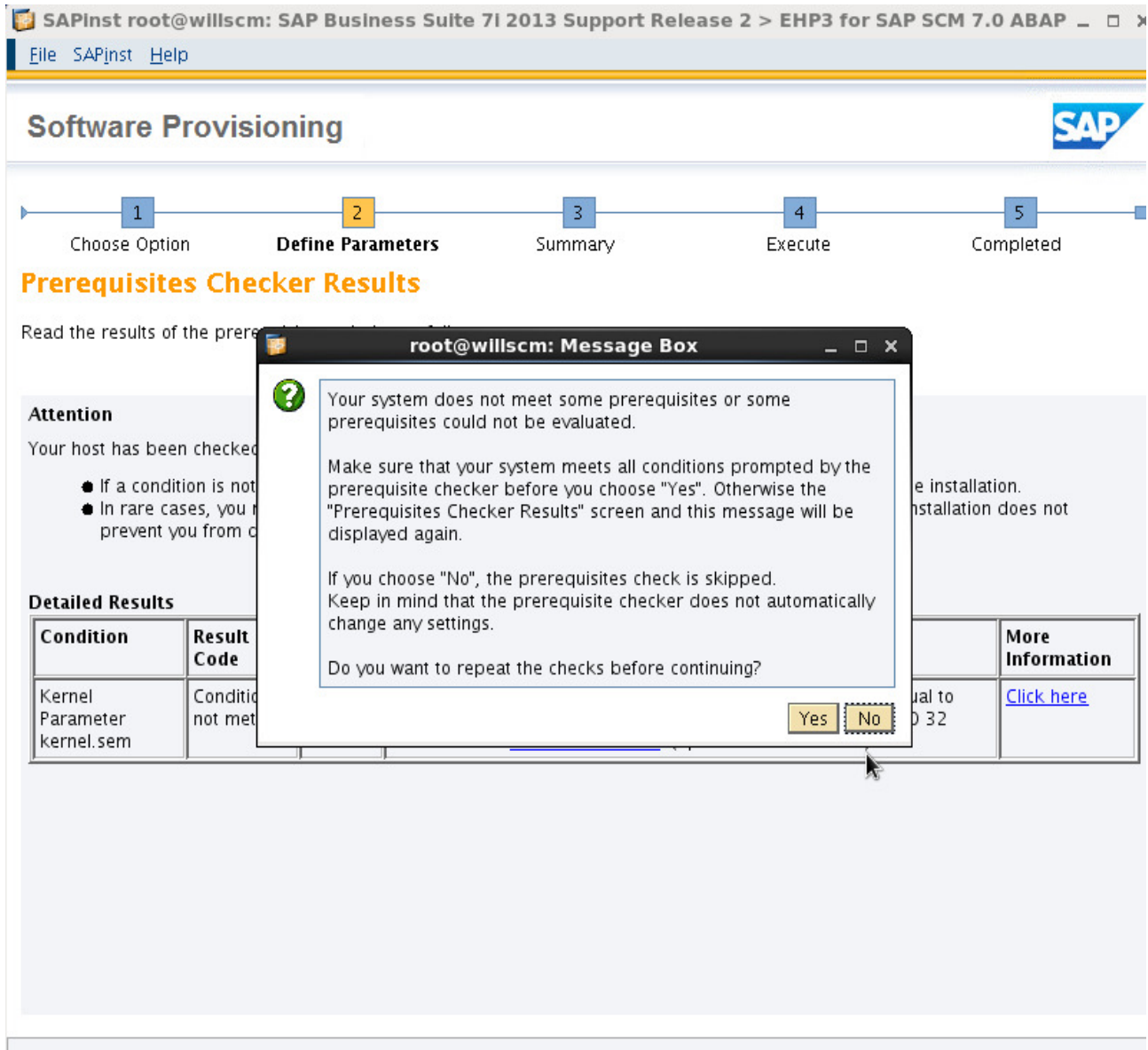
Medium	Package Location	
UC Kerne1 NW740 SR2	/sapdb/scm/51049228_5/LABEL_ASC	Browse...

**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.

◀ Back
Next ▶

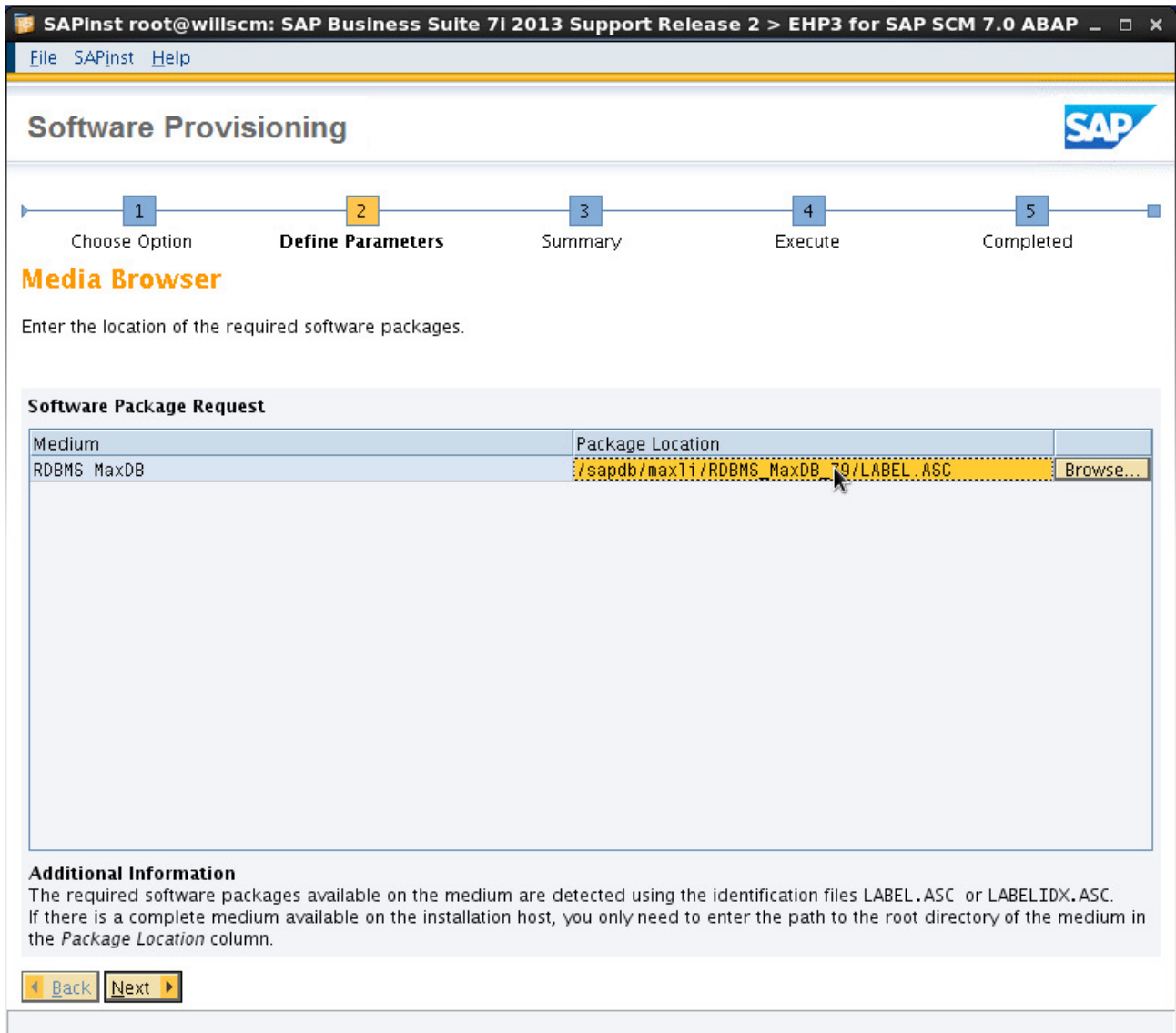
STEP 15:

Click NO



STEP 16:

Specify the DATABASE location of the required software packages. Then Click NEXT



**Software Provisioning**

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

**Media Browser**

Enter the location of the required software packages.

Medium	Package Location	
RDBMS MaxDB	/sapdb/max11/RDBMS_MaxDB_79/LABEL.ASC	Browse...

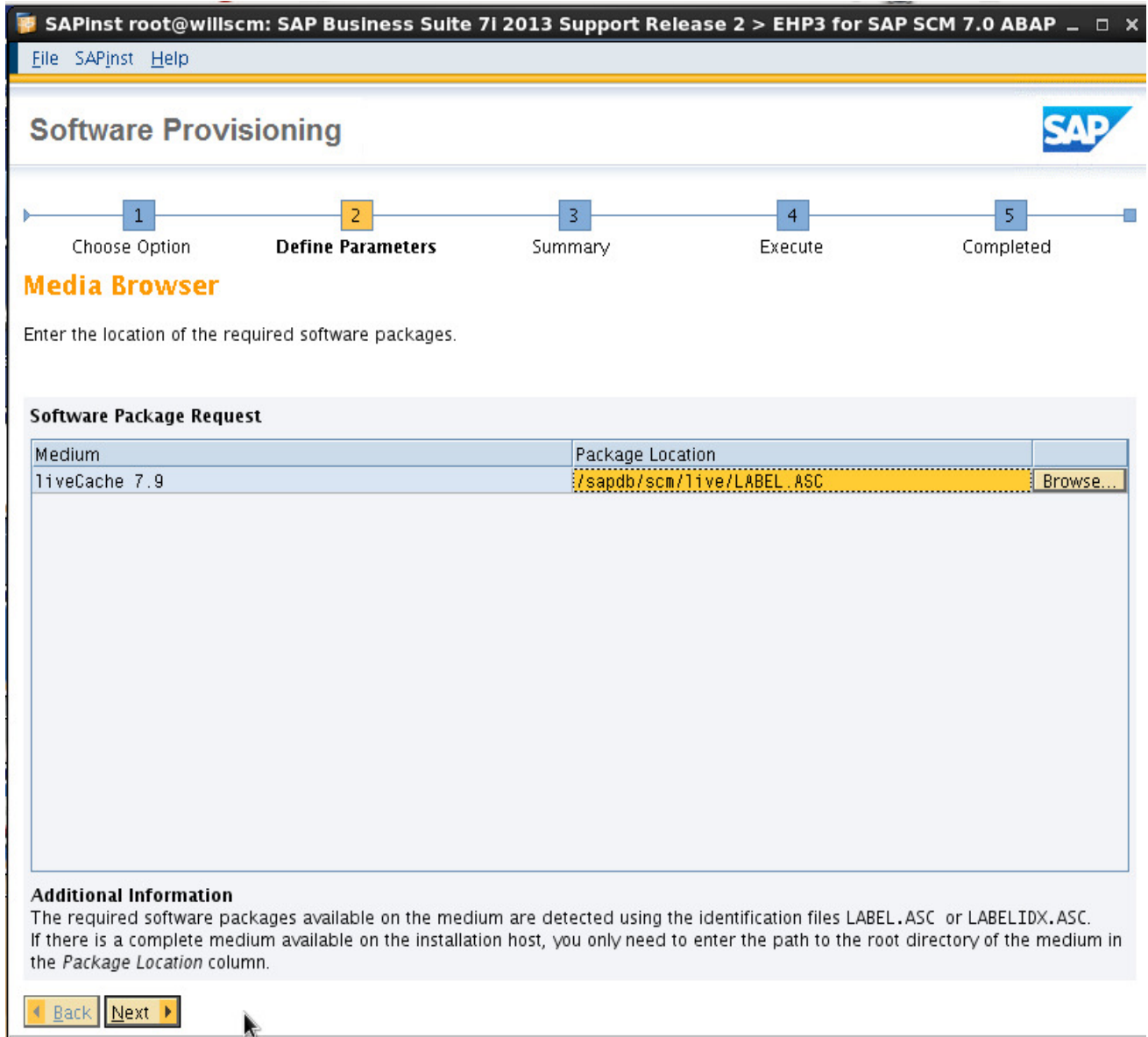
**Additional Information**  
 The required software packages available on the medium are detected using the identification files LABEL.ASC or LABELIDX.ASC. If there is a complete medium available on the installation host, you only need to enter the path to the root directory of the medium in the *Package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

◀ Back    Next ▶



STEP 17:

Specify the LIVE CACHE location of the required software packages. Then Click NEXT

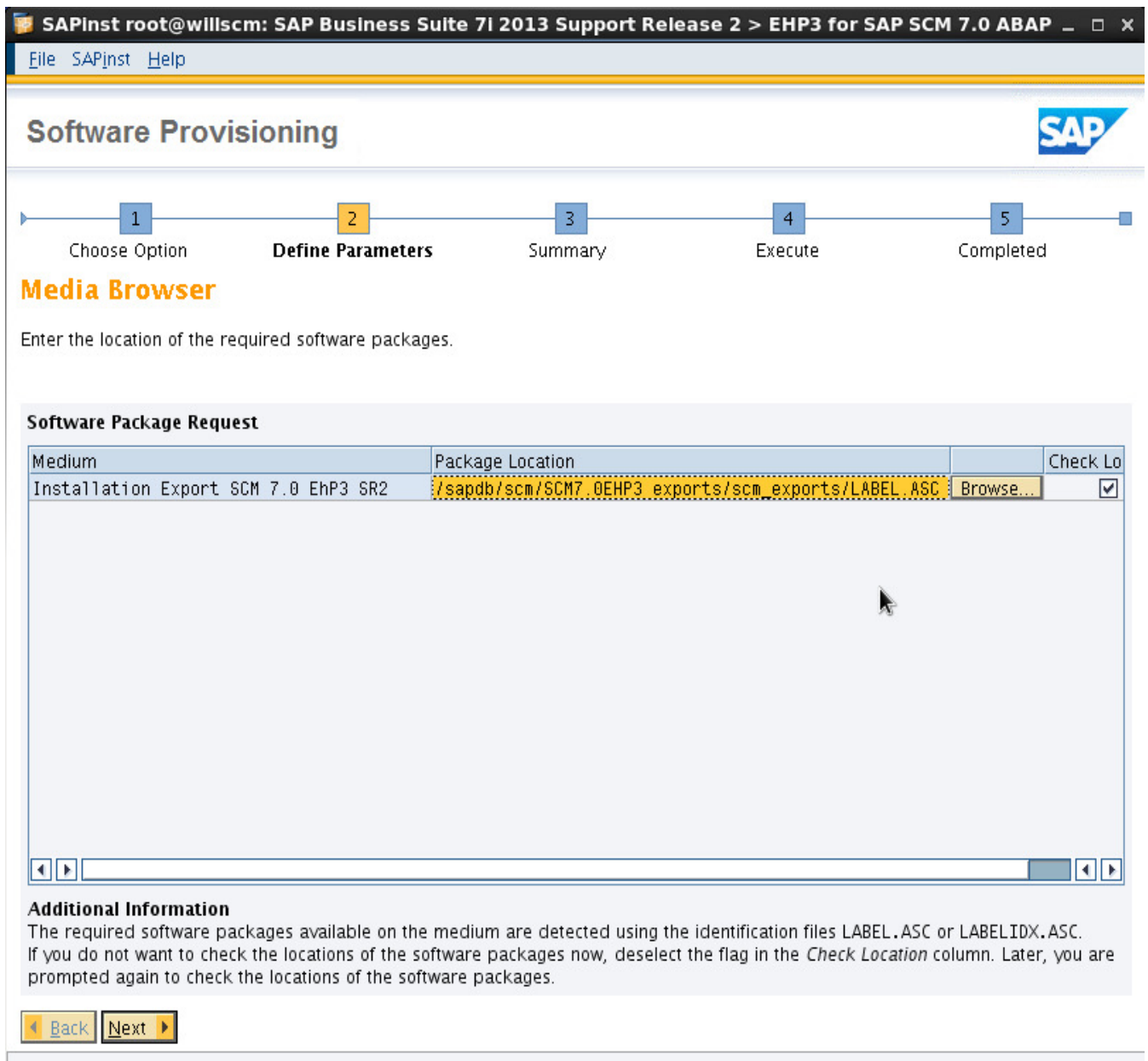


The screenshot shows the SAPinst Software Provisioning Media Browser interface. At the top, the window title is "SAPinst root@willscm: SAP Business Suite 7i 2013 Support Release 2 > EHP3 for SAP SCM 7.0 ABAP". The interface has a menu bar with "File", "SAPinst", and "Help". Below the menu bar is the "Software Provisioning" header 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 main section is titled "Media Browser" and contains the instruction: "Enter the location of the required software packages." Below this is a "Software Package Request" table with two columns: "Medium" and "Package Location". The table has one row with "LiveCache 7.9" in the "Medium" column and "/sapdb/scm/Live/LABEL.ASC" in the "Package Location" column. A "Browse..." button is visible to the right of the "Package Location" cell. At the bottom, there is an "Additional Information" section with text: "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." At the very bottom, there are "Back" and "Next" navigation buttons.

Medium	Package Location
LiveCache 7.9	/sapdb/scm/Live/LABEL.ASC

STEP 18:

Specify the EXPORT location of the required software packages. Then Click NEXT



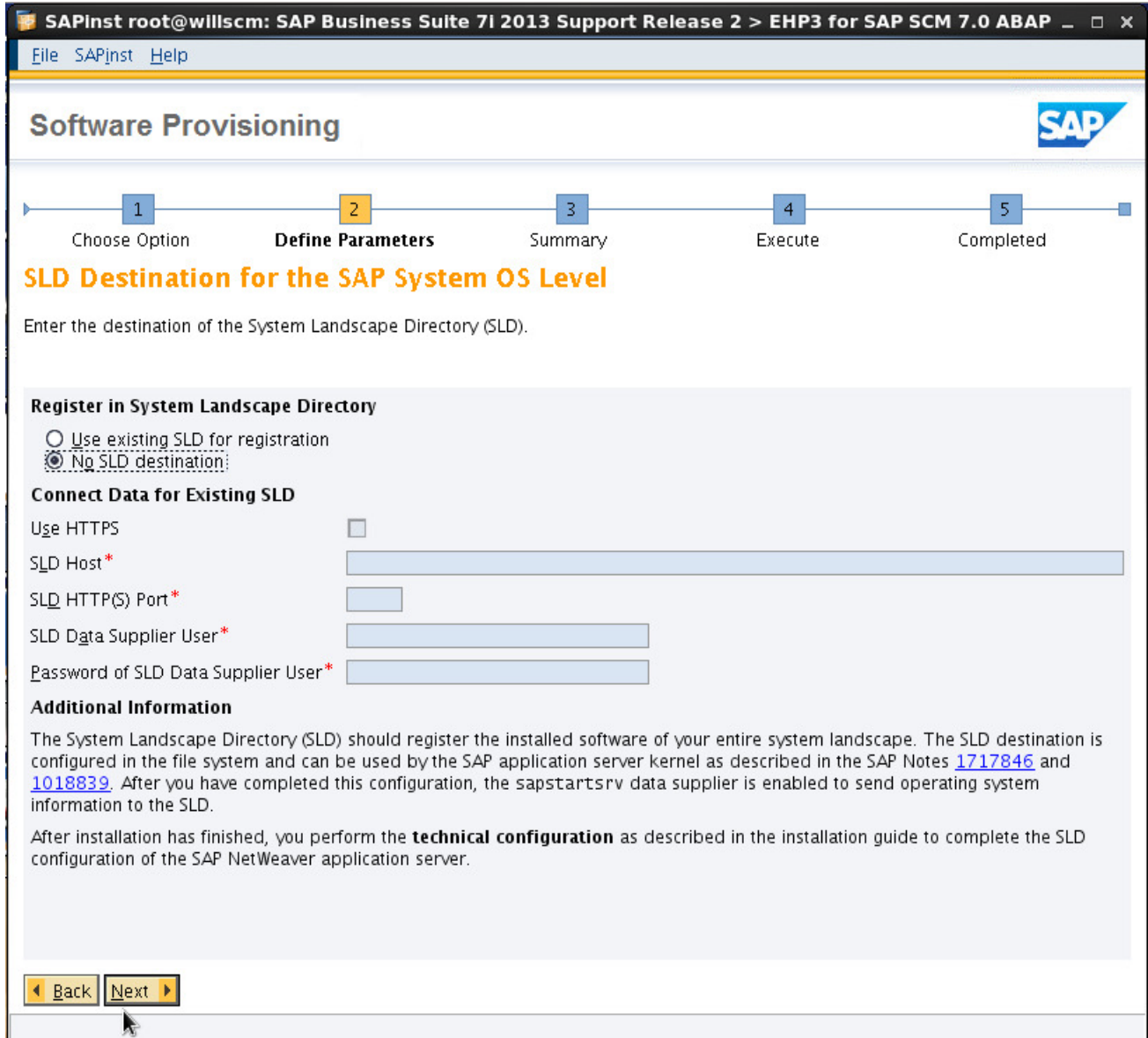
The screenshot shows the SAPinst Software Provisioning interface. At the top, the window title is "SAPinst root@willscm: SAP Business Suite 7i 2013 Support Release 2 > EHP3 for SAP SCM 7.0 ABAP". The interface includes a progress bar with five steps: 1. Choose Option, 2. Define Parameters (highlighted), 3. Summary, 4. Execute, and 5. Completed. Below the progress bar is the "Media Browser" section, which prompts the user to "Enter the location of the required software packages." A table titled "Software Package Request" is displayed with the following content:

Medium	Package Location	Check Lo
Installation Export SCM 7.0 EhP3 SR2	/sapdb/scm/SCM7_0EHP3_exports/scm_exports/LABEL.ASC	<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 interface, there are "Back" and "Next" navigation buttons.

STEP 19:

Select No SLD destination



The screenshot shows the SAP Software Provisioning wizard window. The title bar reads "SAPInst root@willscm: SAP Business Suite 71 2013 Support Release 2 > EHP3 for SAP SCM 7.0 ABAP". The menu bar includes "File", "SAPInst", and "Help". The main title is "Software Provisioning" with the SAP logo on the right. A progress bar at the top shows five steps: 1. Choose Option, 2. Define Parameters (highlighted in orange), 3. Summary, 4. Execute, and 5. Completed. Below the progress bar, the section is titled "SLD Destination for the SAP System OS Level" in orange. The instruction says "Enter the destination of the System Landscape Directory (SLD)".

**Register in System Landscape Directory**

Use existing SLD for registration  
 No SLD destination:

**Connect Data for Existing SLD**

Use HTTPS

SLD Host\*

SLD HTTP(S) Port\*

SLD Data Supplier User\*

Password of SLD Data Supplier User\*

**Additional Information**

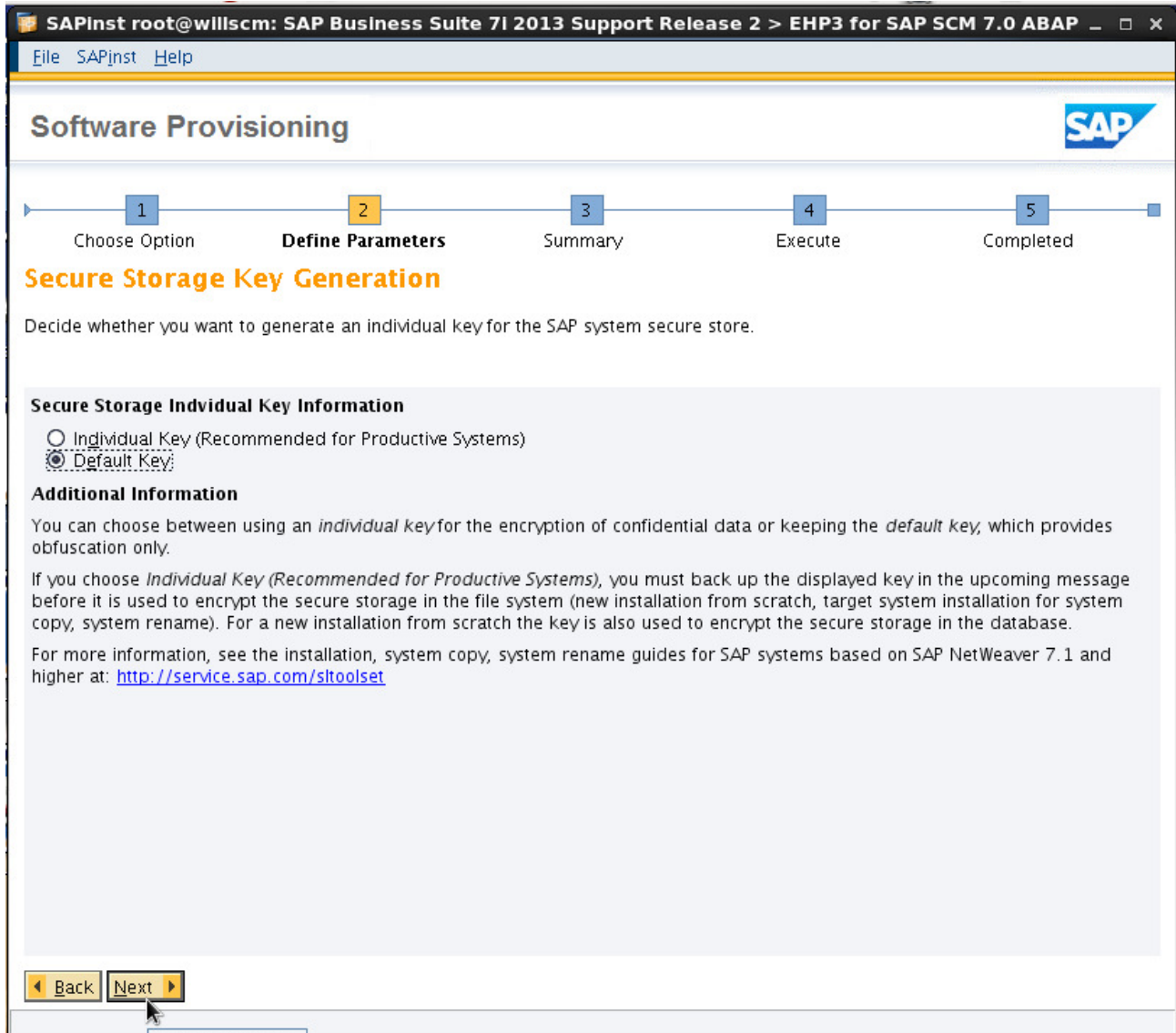
The System Landscape Directory (SLD) should register the installed software of your entire system landscape. The SLD destination is configured in the file system and can be used by the SAP application server kernel as described in the SAP Notes [1717846](#) and [1018839](#). After you have completed this configuration, the sapstartsrv data supplier is enabled to send operating system information to the SLD.

After installation has finished, you perform the **technical configuration** as described in the installation guide to complete the SLD configuration of the SAP NetWeaver application server.

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

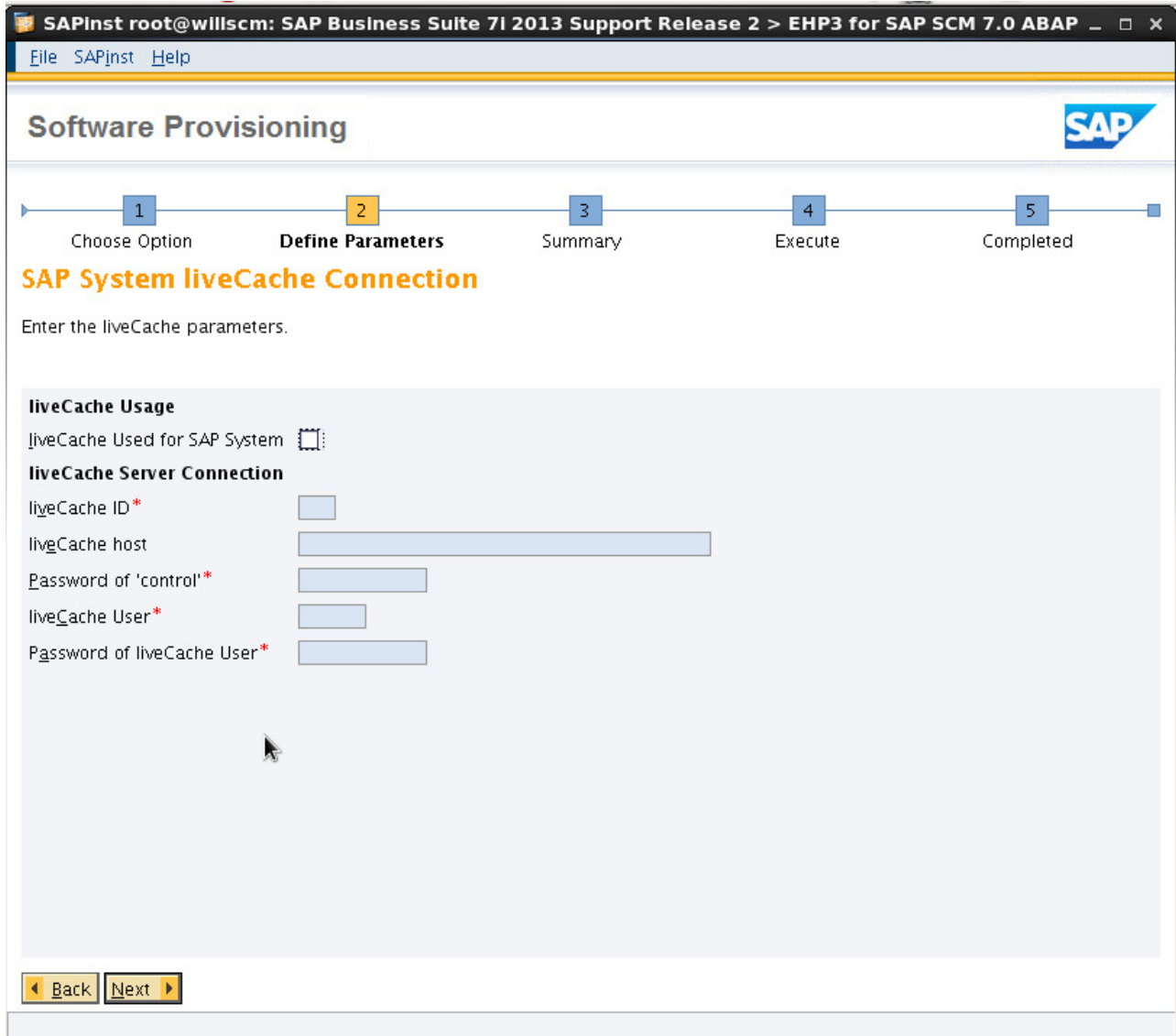
STEP 20:

Select Default Key



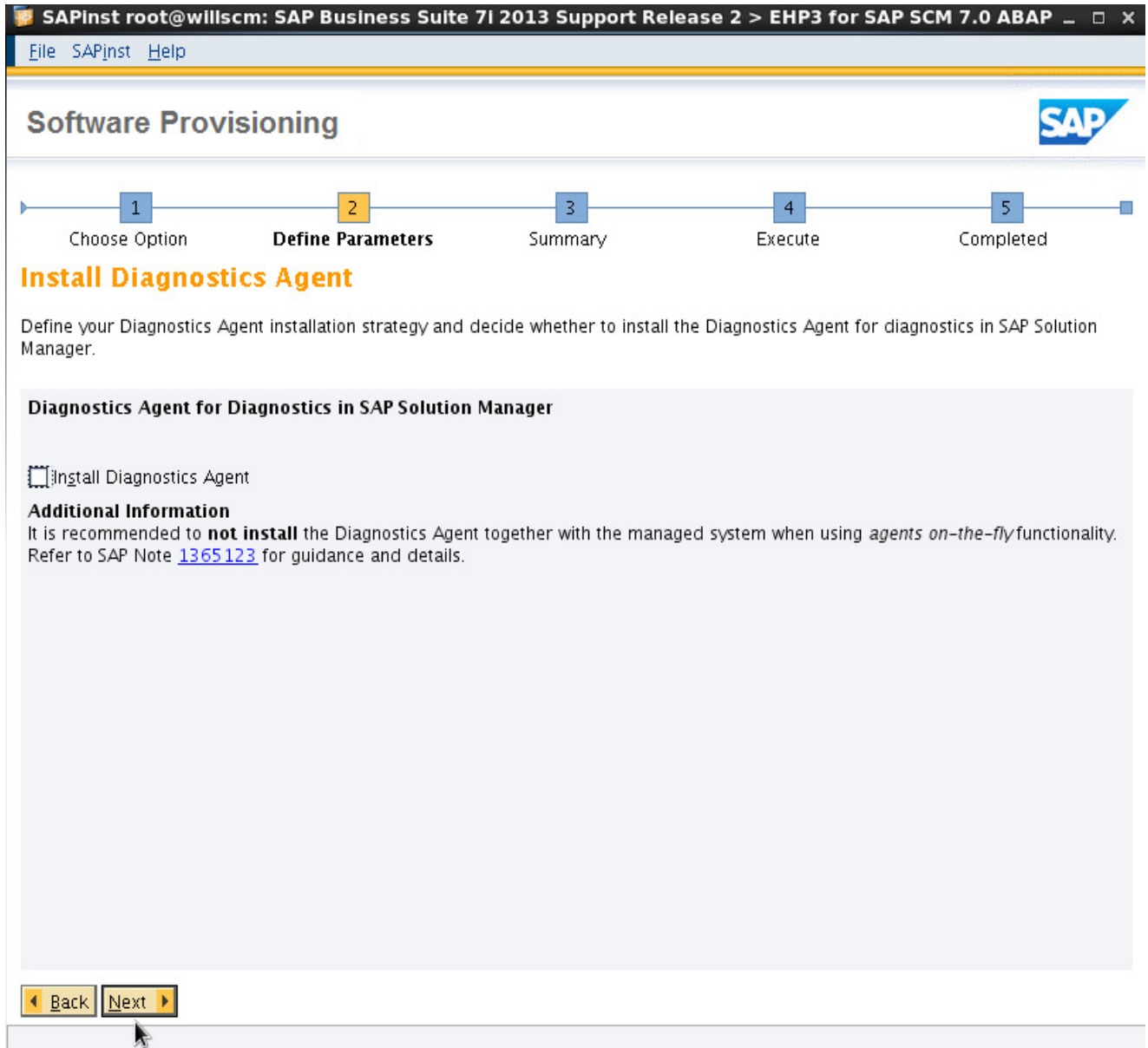
STEP 21:

Unselect Livecache Used for SAP System



STEP 22:

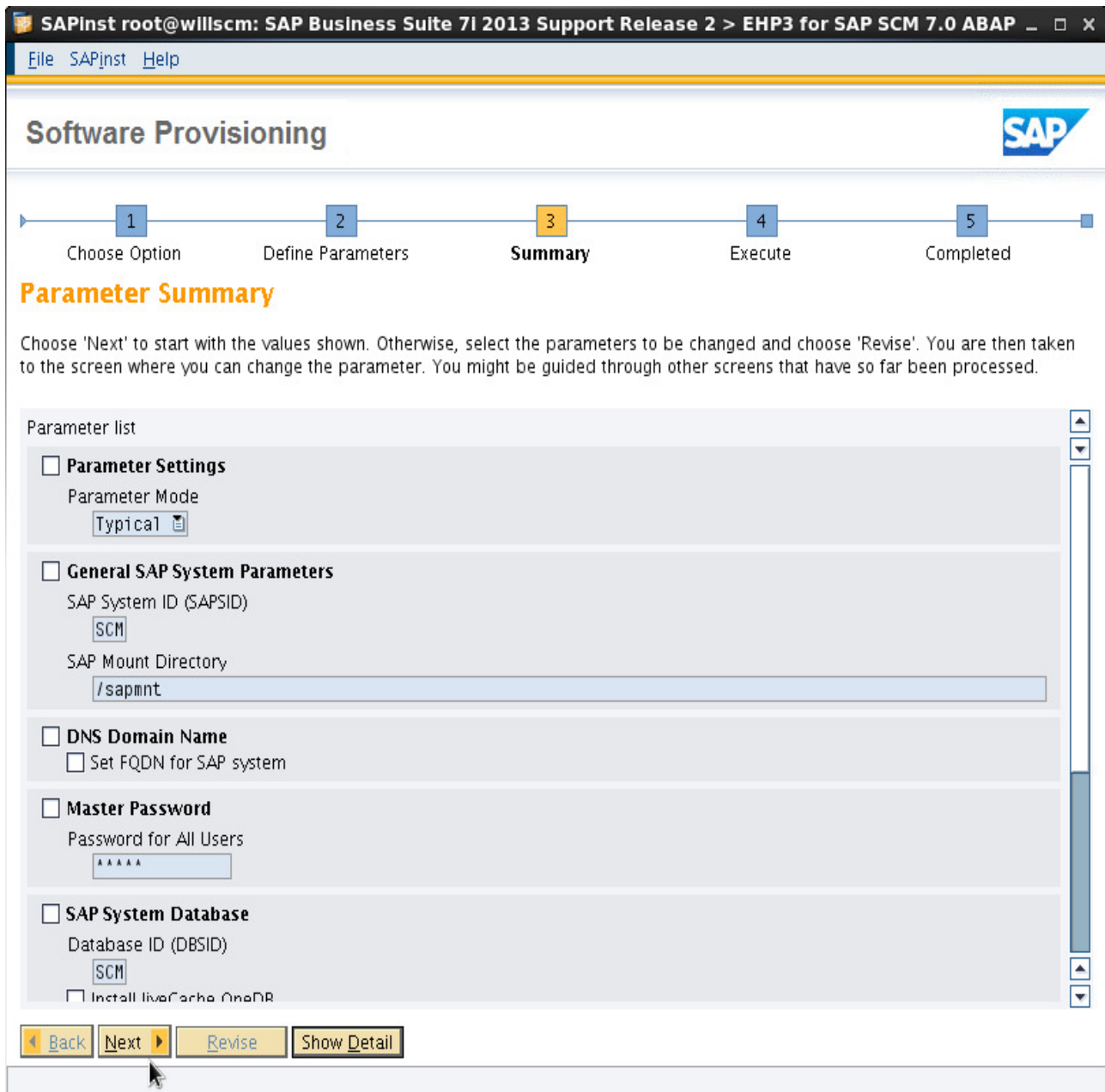
Click NEXT



The screenshot shows the SAP Software Provisioning wizard interface. At the top, the title bar reads "SAPinst root@willscm: SAP Business Suite 7i 2013 Support Release 2 > EHP3 for SAP SCM 7.0 ABAP". Below the title bar is 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 (highlighted in yellow), 3. Summary, 4. Execute, and 5. Completed. Below the progress bar, the current step is "Install Diagnostics Agent" in orange text. The description reads: "Define your Diagnostics Agent installation strategy and decide whether to install the Diagnostics Agent for diagnostics in SAP Solution Manager." Below this is a section titled "Diagnostics Agent for Diagnostics in SAP Solution Manager" containing a checkbox labeled "Install Diagnostics Agent". Underneath, there is "Additional Information" stating: "It is recommended to **not install** the Diagnostics Agent together with the managed system when using *agents on-the-fly* functionality. Refer to SAP Note [1365123](#) for guidance and details." At the bottom of the wizard, there are "Back" and "Next" buttons, with a mouse cursor pointing to the "Next" button.

STEP 23:

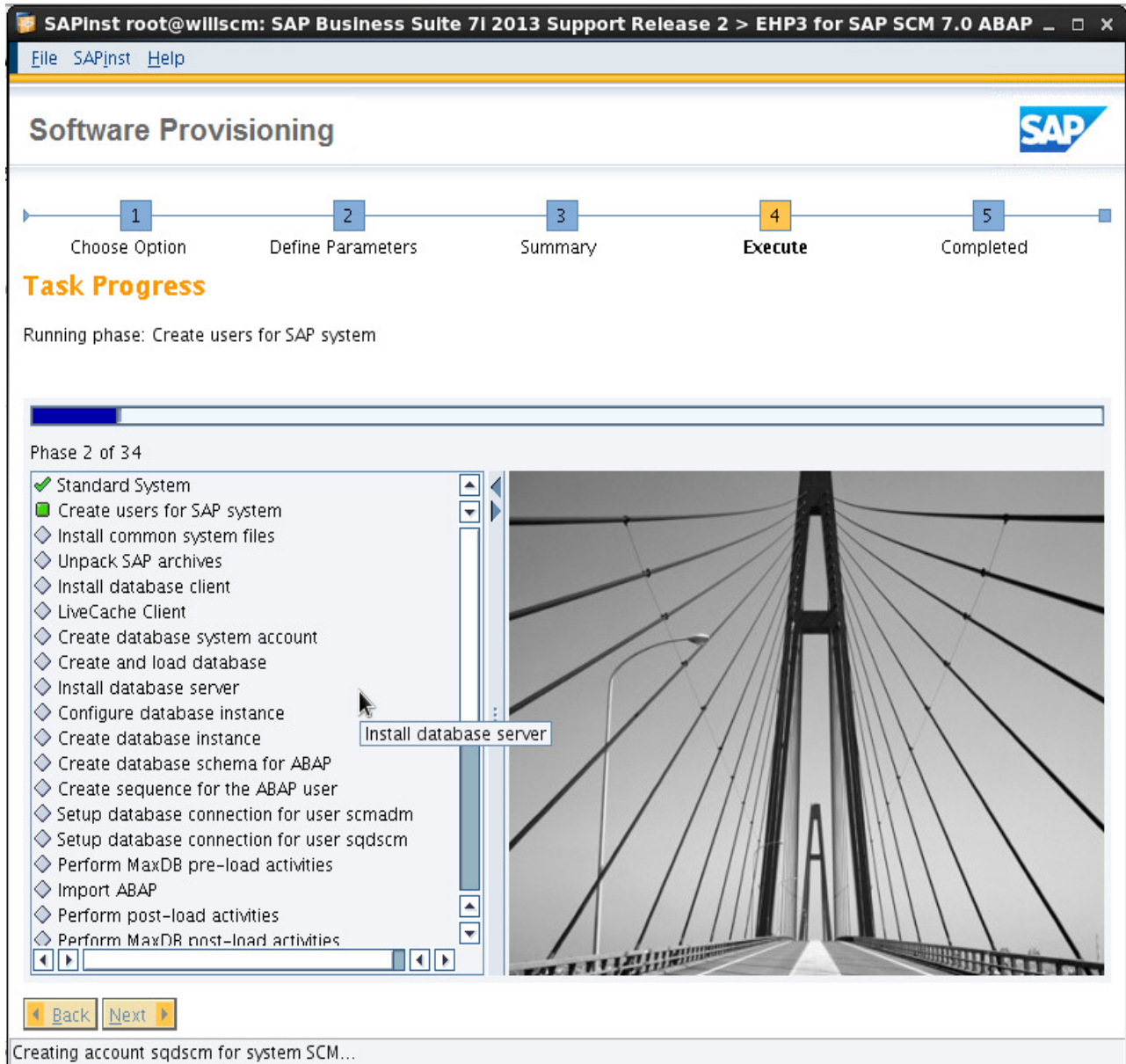
If you have any changes select the parameters to change and Choose REVISE. Otherwise Click NEXT.



The screenshot shows the SAPinst Software Provisioning interface. At the top, the title bar reads "SAPinst root@willscm: SAP Business Suite 7i 2013 Support Release 2 > EHP3 for SAP SCM 7.0 ABAP". Below the title bar is a menu with "File", "SAPinst", and "Help". The main heading is "Software Provisioning" with the SAP logo on the right. A progress bar at the top indicates 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. It contains a "Parameter list" with several expandable sections: "Parameter Settings" (Parameter Mode: Typical), "General SAP System Parameters" (SAP System ID: SCM, SAP Mount Directory: /sapmnt), "DNS Domain Name" (Set FQDN for SAP system), "Master Password" (Password for All Users: masked), and "SAP System Database" (Database ID: SCM, Install liveCache OneDB). At the bottom of the parameter list are buttons for "Back", "Next", "Revise", and "Show Detail".

STEP 23:

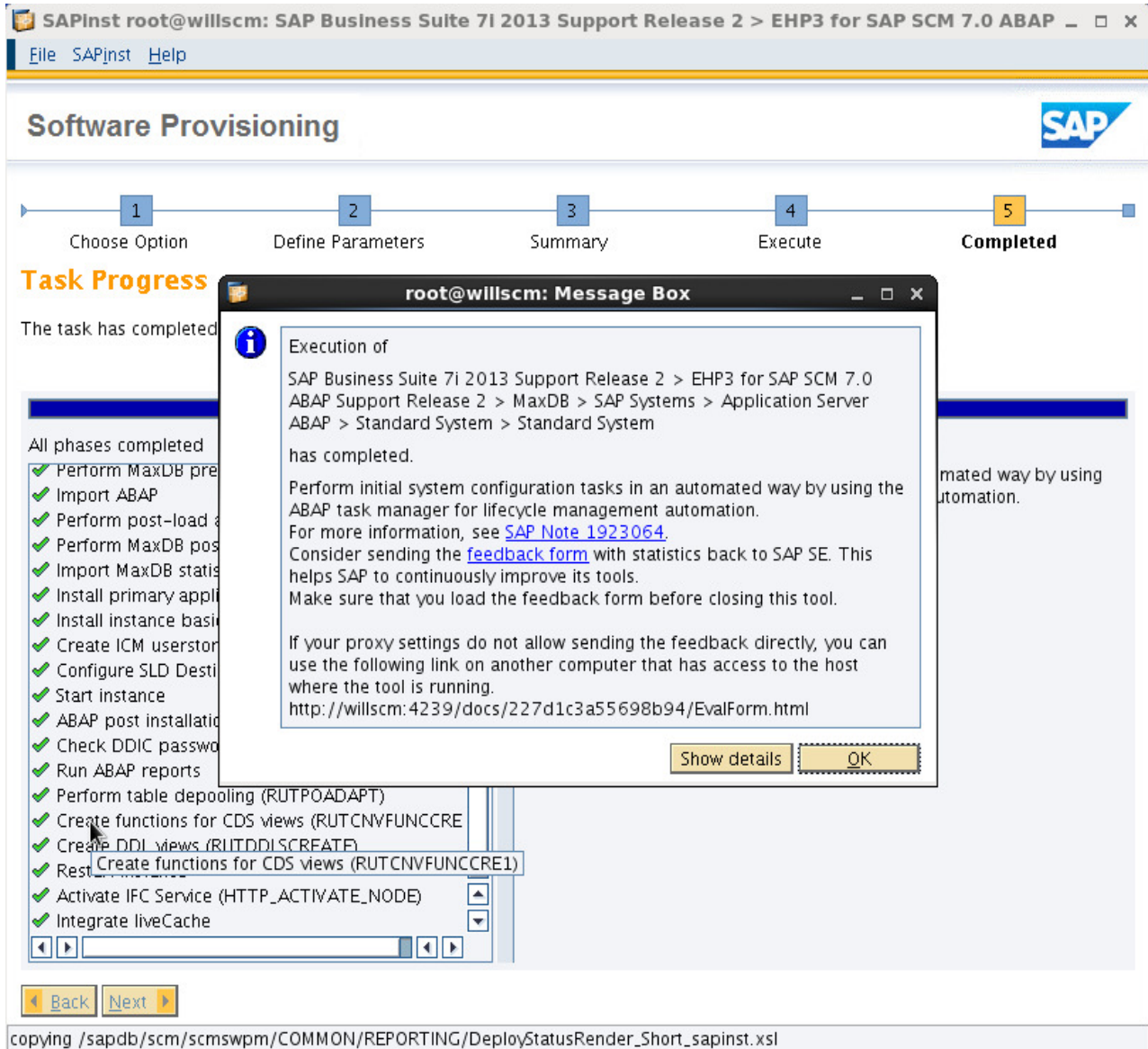
Installation Processing





STEP 24:

Installation Successfully Completed



The task has completed

All phases completed

- ✓ Perform MaxDB pre
- ✓ Import ABAP
- ✓ Perform post-load
- ✓ Perform MaxDB pos
- ✓ Import MaxDB statis
- ✓ Install primary appli
- ✓ Install instance basi
- ✓ Create ICM userstor
- ✓ Configure SLD Desti
- ✓ Start instance
- ✓ ABAP post installati
- ✓ Check DDIC passwo
- ✓ Run ABAP reports
- ✓ Perform table depooling (RUTPOADAPT)
- ✓ Create functions for CDS views (RUTCNVFUNC CRE)
- ✓ Create DDI views (RUTDDI SCREATE)
- Rest... Create functions for CDS views (RUTCNVFUNC CRE1)
- ✓ Activate IFC Service (HTTP\_ACTIVATE\_NODE)
- ✓ Integrate liveCache

Execution of  
SAP Business Suite 7i 2013 Support Release 2 > EHP3 for SAP SCM 7.0  
ABAP Support Release 2 > MaxDB > SAP Systems > Application Server  
ABAP > Standard System > Standard System  
has completed.

Perform initial system configuration tasks in an automated way by using the  
ABAP task manager for lifecycle management automation.  
For more information, see [SAP Note 1923064](#).  
Consider sending the [feedback form](#) with statistics back to SAP SE. This  
helps SAP to continuously improve its tools.  
Make sure that you load the feedback form before closing this tool.

If your proxy settings do not allow sending the feedback directly, you can  
use the following link on another computer that has access to the host  
where the tool is running.  
<http://willscm:4239/docs/227d1c3a55698b94/EvalForm.html>

Show details OK

copying /sapdb/scm/scmswpm/COMMON/REPORTING/DeployStatusRender\_Short\_sapinst.xsl



### 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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