

APPLIES TO:

CRM INSTALLATION ON RED HAT LINUX ENTERPRISE 6.2

SUMMARY

This article explains how to Perform the CRM INSTALLATION ON RED HAT LINUX ENTERPRISE 6.2 .

AUTHOR:

K.VENKATA RAMU.

COMPANY:

WILLSYS INFOSYSTEMS Pvt. Ltd.,

CREATED ON:

10th Feb 2015.



CRM INSTALLATION ON RET HAT ENTERPRISES 6.2

(CRM VERSION EHP 1 CRM 7)

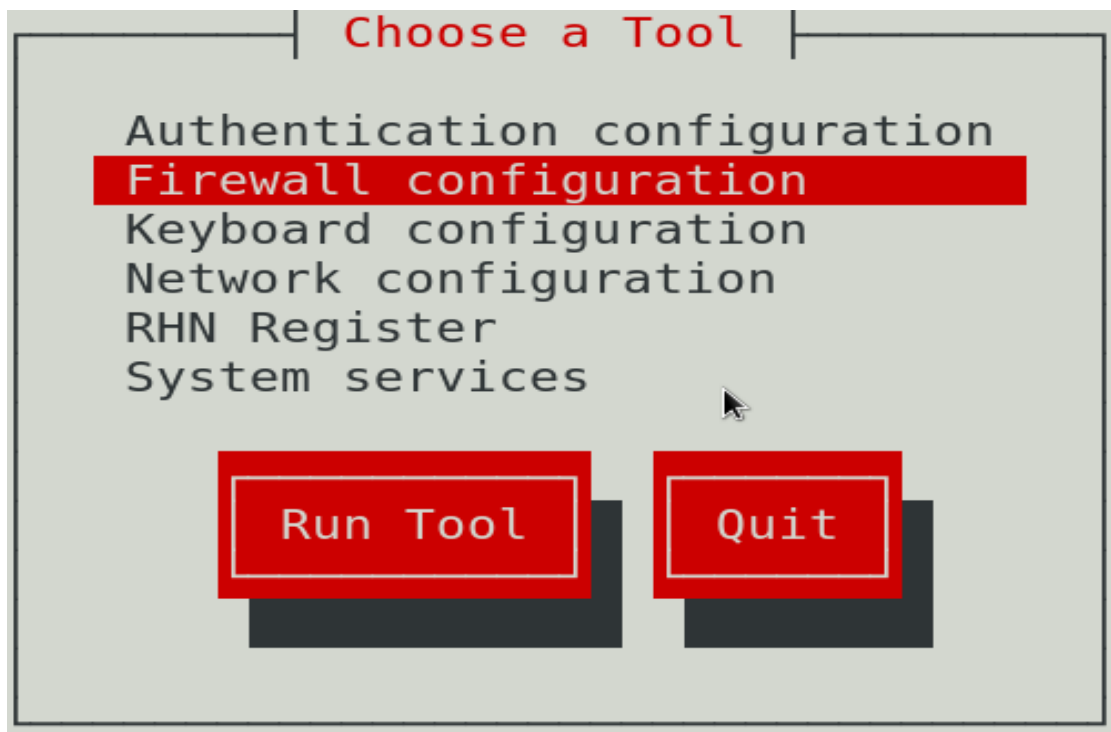
Pre-Step:

STEP 1:

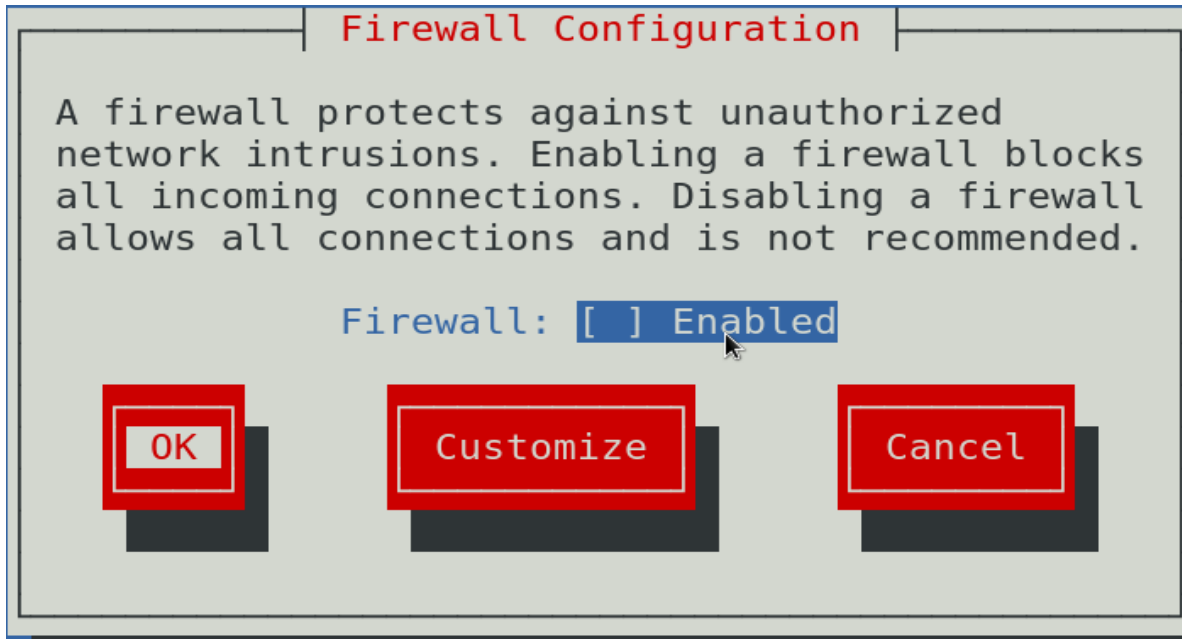
Disable Firewall Configuration

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

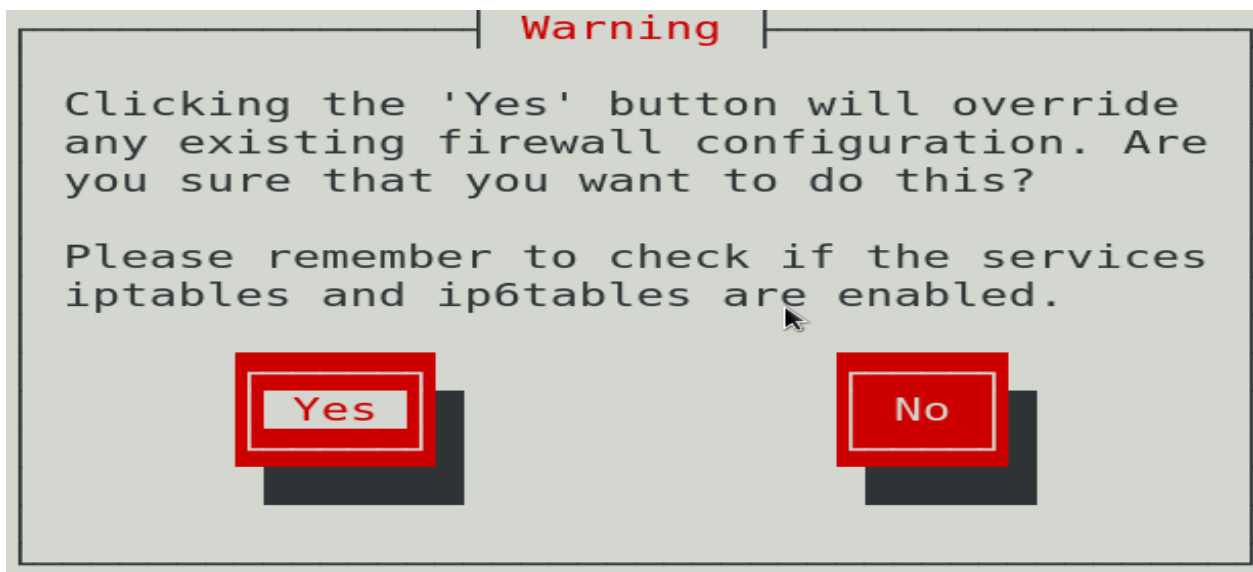
```
File Edit View Search Terminal Help
[root@willcrm Desktop]# setup
```



- Unselect Enable Option. Then Select OK



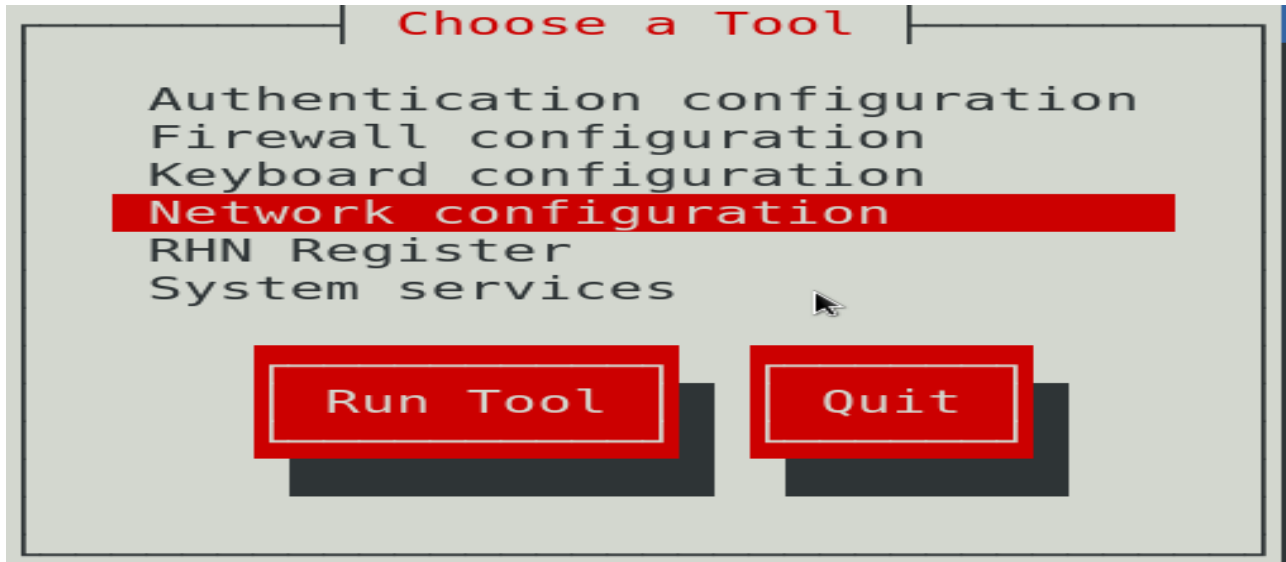
- Select YES



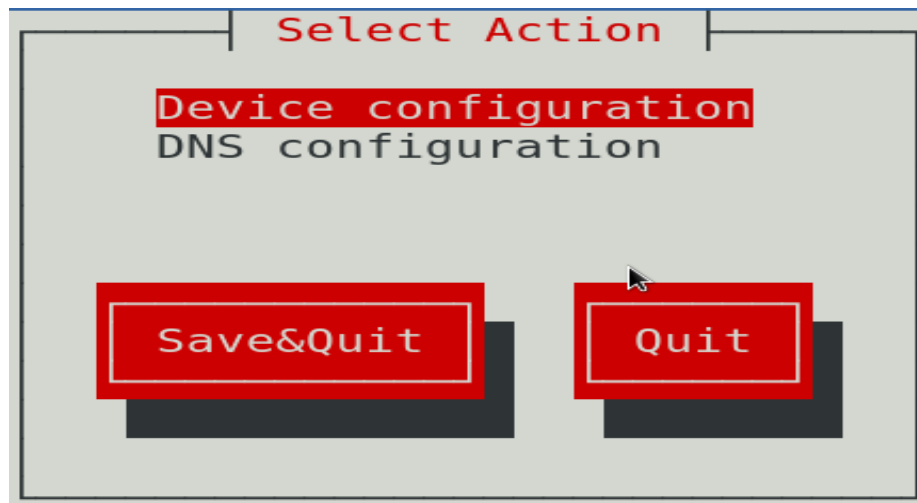
STEP 2:

Configure Network

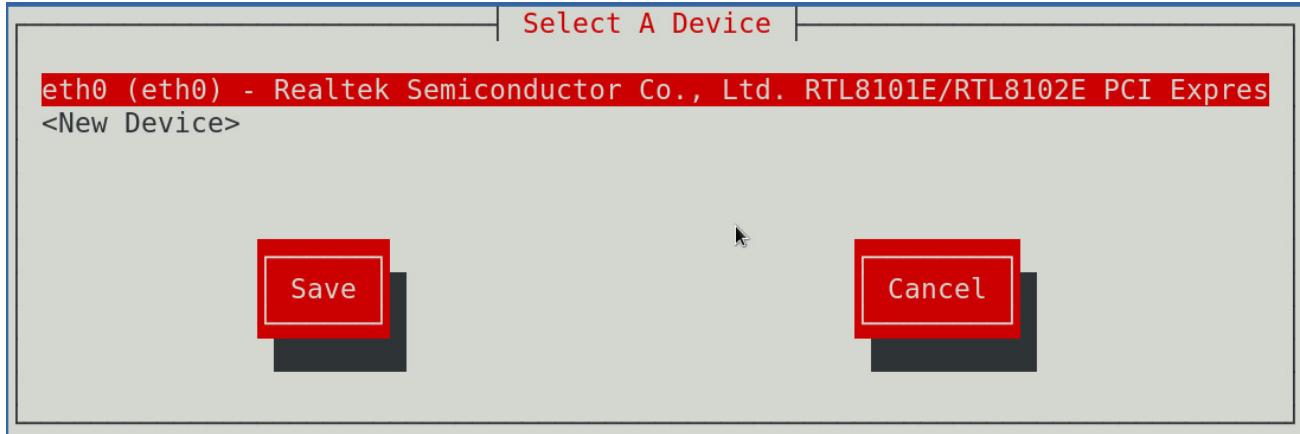
Select Network Configuration Option and Press ENTER



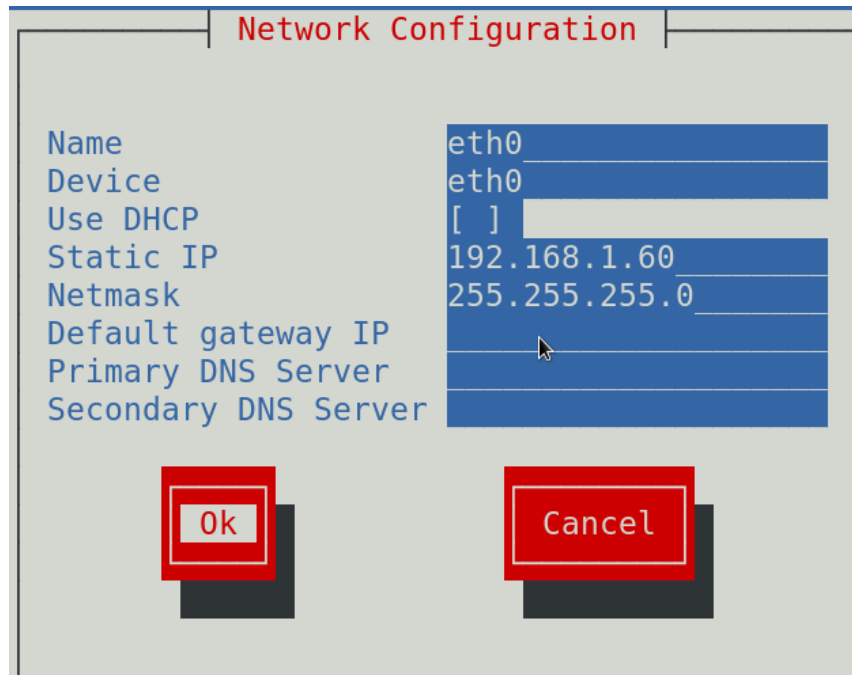
➤ Select Device Configuration and Press ENTER



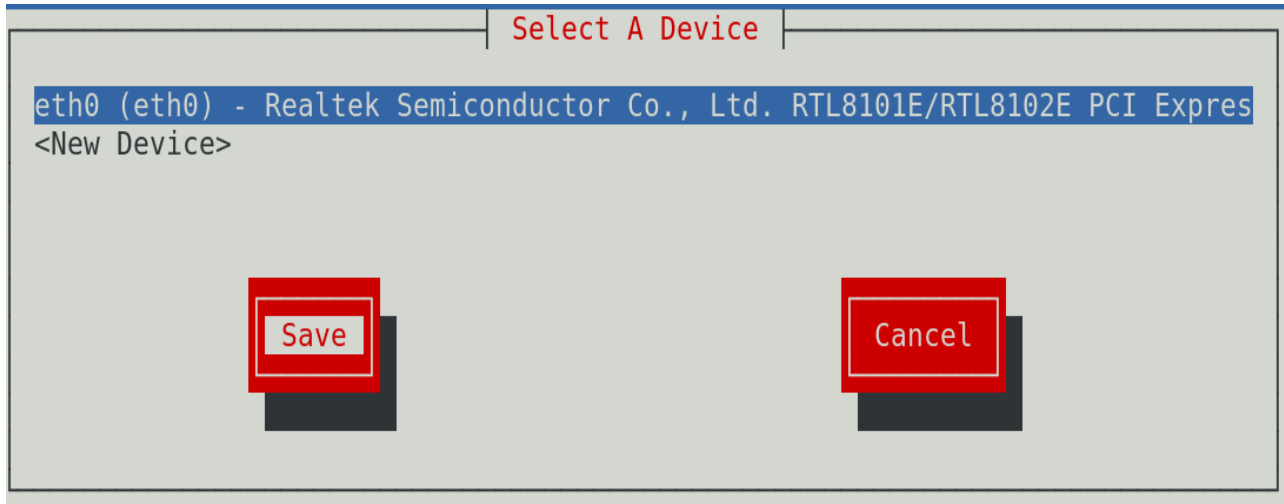
- Select eth0 (etho) – Realtek Semiconductor Co., Ltd. RTL8102E PCI Expres Option and Press ENTER



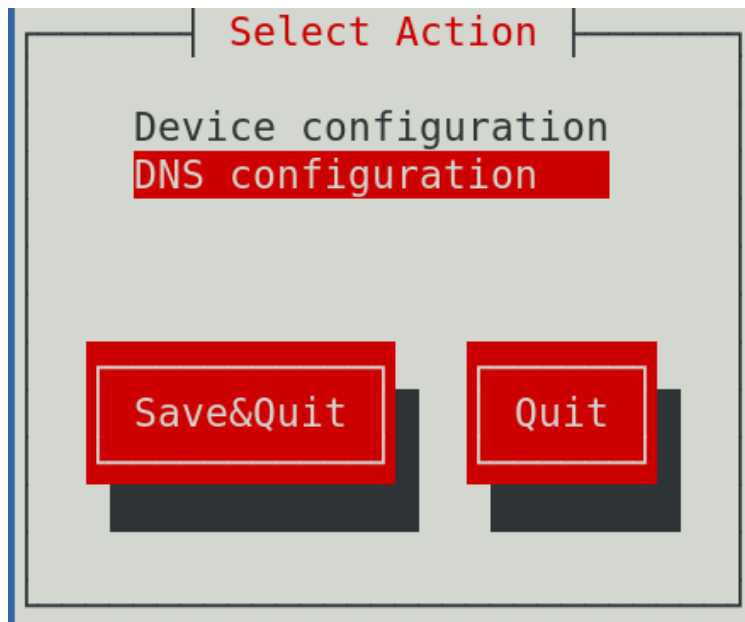
- Specify IPADDRESS and SUB NETMASK and click OK



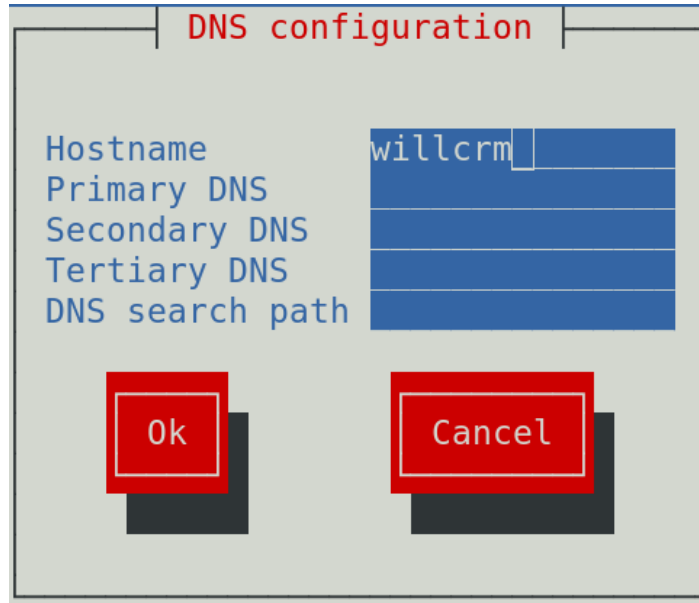
- Click SAVE



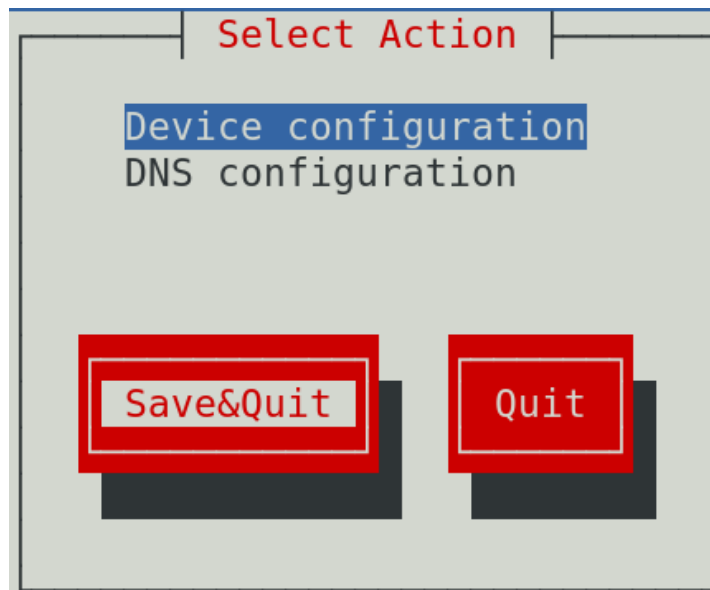
- Select DNS Configuration and Press ENTER



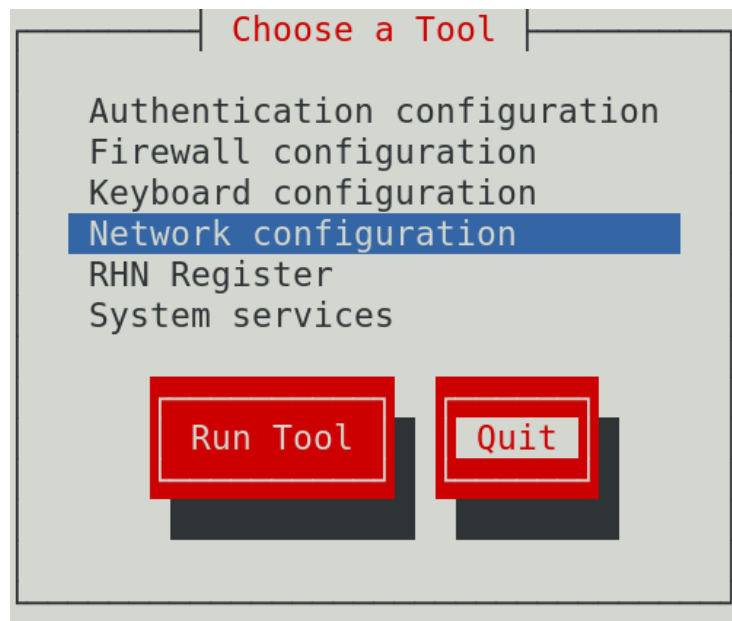
- Specify IPADDRESS
- Select Ok



- Select SAVE & QUIT and Press ENTER



- Select QUIT and Press ENTER



STEP 3:

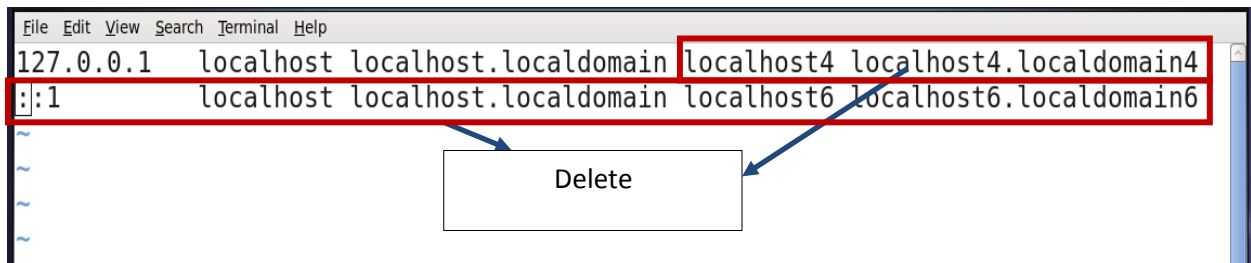
Activate NETWORK CONNECTION

```
File Edit View Search Terminal Help
[root@willcrm Desktop]# ifconfig eth0 192.168.1.60 up
```


Maintain IPADDRESS and HOSTNAME in /etc/hosts

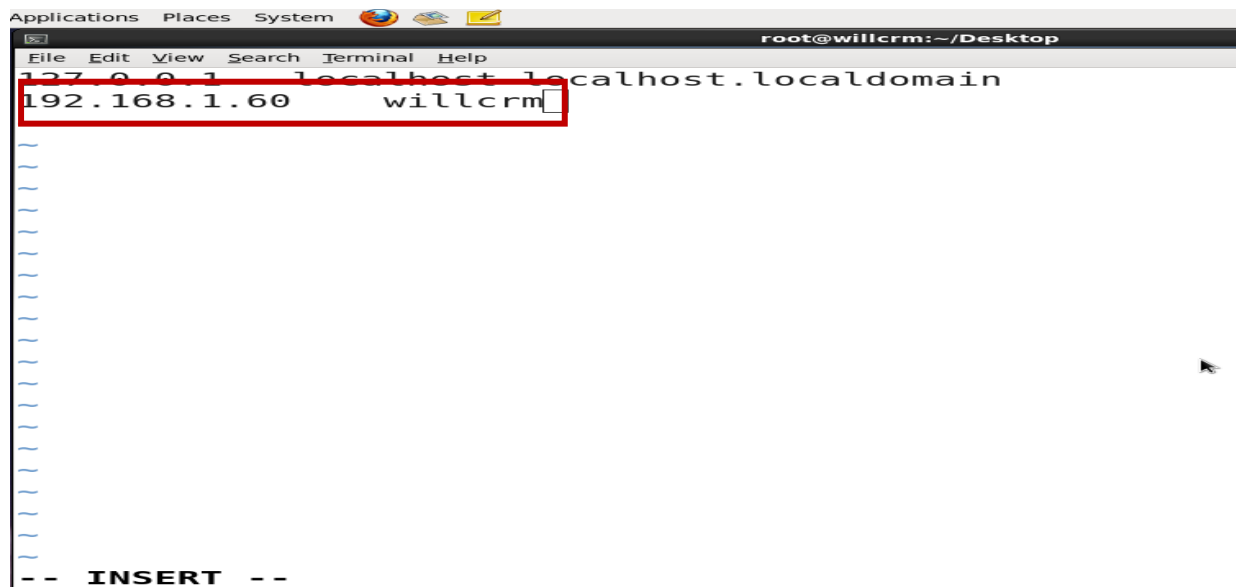
```
File Edit View Search Terminal Help
[root@willcrm Desktop]# vi /etc/hosts
```

- Delete the Some Line



```
File Edit View Search Terminal Help
127.0.0.1 localhost localhost.localdomain localhost4 localhost4.localdomain4
::1 localhost localhost.localdomain localhost6 localhost6.localdomain6
```

- Specify IPADDRESS and HOSTNAME



```
Applications Places System
root@willcrm:~/Desktop
File Edit View Search Terminal Help
127.0.0.1 localhost localhost.localdomain
192.168.1.60 willcrm
```

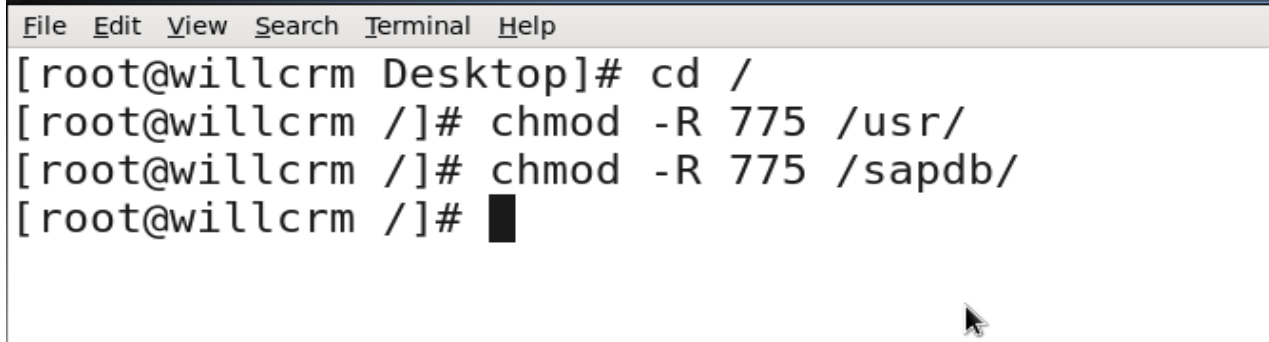
- Then SAVE

➤ Ping HOSTNAME

```
[root@willcrm Desktop]# ping willcrm
PING willcrm (192.168.1.60) 56(84) bytes of data:
64 bytes from willcrm (192.168.1.60): icmp_seq=1 ttl=64 time=0.019 ms
64 bytes from willcrm (192.168.1.60): icmp_seq=2 ttl=64 time=0.032 ms
64 bytes from willcrm (192.168.1.60): icmp_seq=3 ttl=64 time=0.026 ms
64 bytes from willcrm (192.168.1.60): icmp_seq=4 ttl=64 time=0.020 ms
64 bytes from willcrm (192.168.1.60): icmp_seq=5 ttl=64 time=0.021 ms
█
```

STEP 5:

Give the Permission for /usr and /sapdb Directory



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

CRM INSTALLATION

PROCESSING STEP:

STEP 6:

- Install CRM
- First Go to SAPINST Location Path
- Go to /sapdb/crm/GR
- Execute SAPINST exe

```

root@willcrm:/sapdb/cr
File Edit View Search Terminal Help
[root@willcrm GR]# cd
[root@willcrm ~]# cd /sapdb/crm/GR/
[root@willcrm GR]#

```

```

File Edit View Search Terminal Help
drwxrwxr-x. 6 root root      4096 Feb  9 04:25 JAVA
-rwxrwxr-x. 1 root root         41 Oct 15 16:41 LABEL.ASC
-rwxrwxr-x. 1 root root        473 Oct 15 16:45 manifest.mf
-rwxrwxr-x. 1 root root       1375 Feb 18 2014 messages.dtd
-rwxrwxr-x. 1 root root    1042080 Oct 15 12:40 messages.xml
drwxrwxr-x. 7 root root      4096 Oct 28 11:28 NW700
drwxrwxr-x. 7 root root      4096 Oct 28 11:28 NW701
drwxrwxr-x. 8 root root      4096 Oct 28 11:28 NW702
drwxrwxr-x. 8 root root      4096 Oct 28 11:28 NW703
drwxrwxr-x. 4 root root      4096 Feb  9 04:25 ORA
-rwxrwxr-x. 1 root root    9405533 Oct 15 12:25 product.catalog
drwxrwxr-x. 5 root root      4096 Feb  9 04:25 PVIND
-rwxrwxr-x. 1 root root    724280 Oct 15 12:03 resourcepool.xml
-rwxrwxr-x. 1 root root      1124 Feb 19 2014 resources.dtd
-rwxrwxr-x. 1 root root   4527616 May 17 2011 SAPCAR.EXE
-rwxrwxr-x. 1 root root   87365086 Oct 15 07:04 sapinst
-rwxrwxr-x. 1 root root   49213770 Oct 15 07:04 sapinstgui
drwxrwxr-x. 3 root root      4096 Feb  9 04:25 SBC
drwxrwxr-x. 7 root root      4096 Feb  9 04:25 SOLMAN701SR1
drwxrwxr-x. 8 root root      4096 Feb  9 04:25 SOLMAN71
drwxrwxr-x. 2 root root      4096 Feb  9 04:25 SWITCH
-rwxrwxr-x. 1 root root     49345 Feb  9 16:00 syslib_priv.log
drwxrwxr-x. 6 root root      4096 Feb  9 04:25 TRANS
[root@willcrm GR]#

```

- Execute. /sapinst

```
root@willcrm:/sapdb/crm/GR
File Edit View Search Terminal Help
[root@willcrm GR]# ./sapinst
[=====] \ extracting... done!

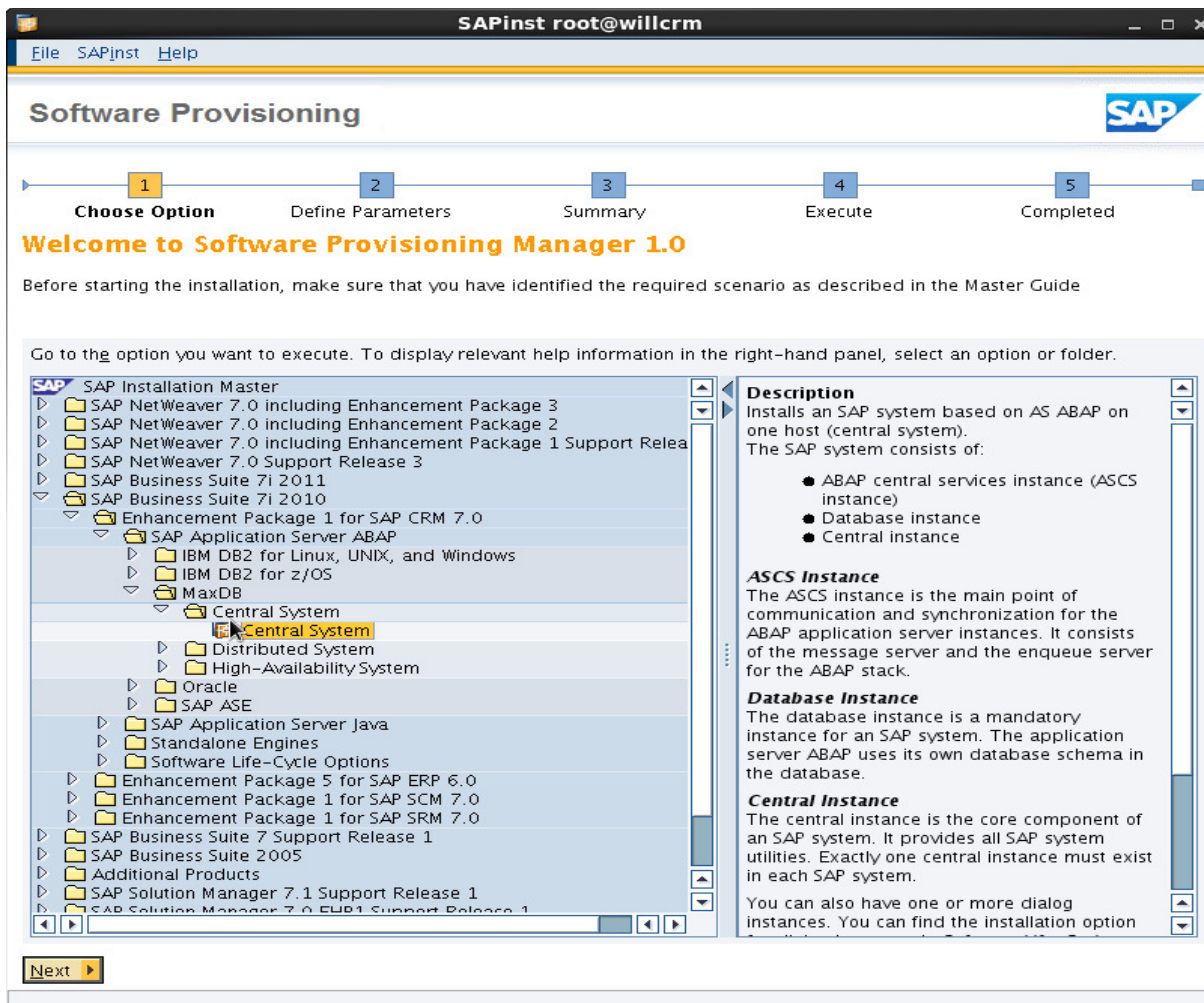
SAPinst build information:
-----
Version:      2014.10.0
Build:       1528233
Compile time: Oct 10 2014 - 16:02:02
Make type:   optu
Codeline:    720-2_REL
Platform:    linuxx86_64
Kernel build: 721, patch 319, changelist 1515746
Exe directory: /tmp/sapinst_exe.12223.1423494935

guiengine: 2015-02-09 20:45:52 Waiting for client connection (1)

Starting GUIserver using:
  SAPinst port      : pipe:5:9
  GUIserver port    : 21212
  GUI autostart     : on
  GUI mode          : normal
  command           : /tmp/sapinst_exe.12223.1423494935/jre/bin/java -Xmx512M -Dsap.
env.var.javahome=SAPINST_JRE_HOME -cp /tmp/sapinst_exe.12223.1423494935/JAR/inst
gui.jar SDTServer rootdir=/root/.sdtgui config=jar:sdtserver.xml guiport=21212 -
```

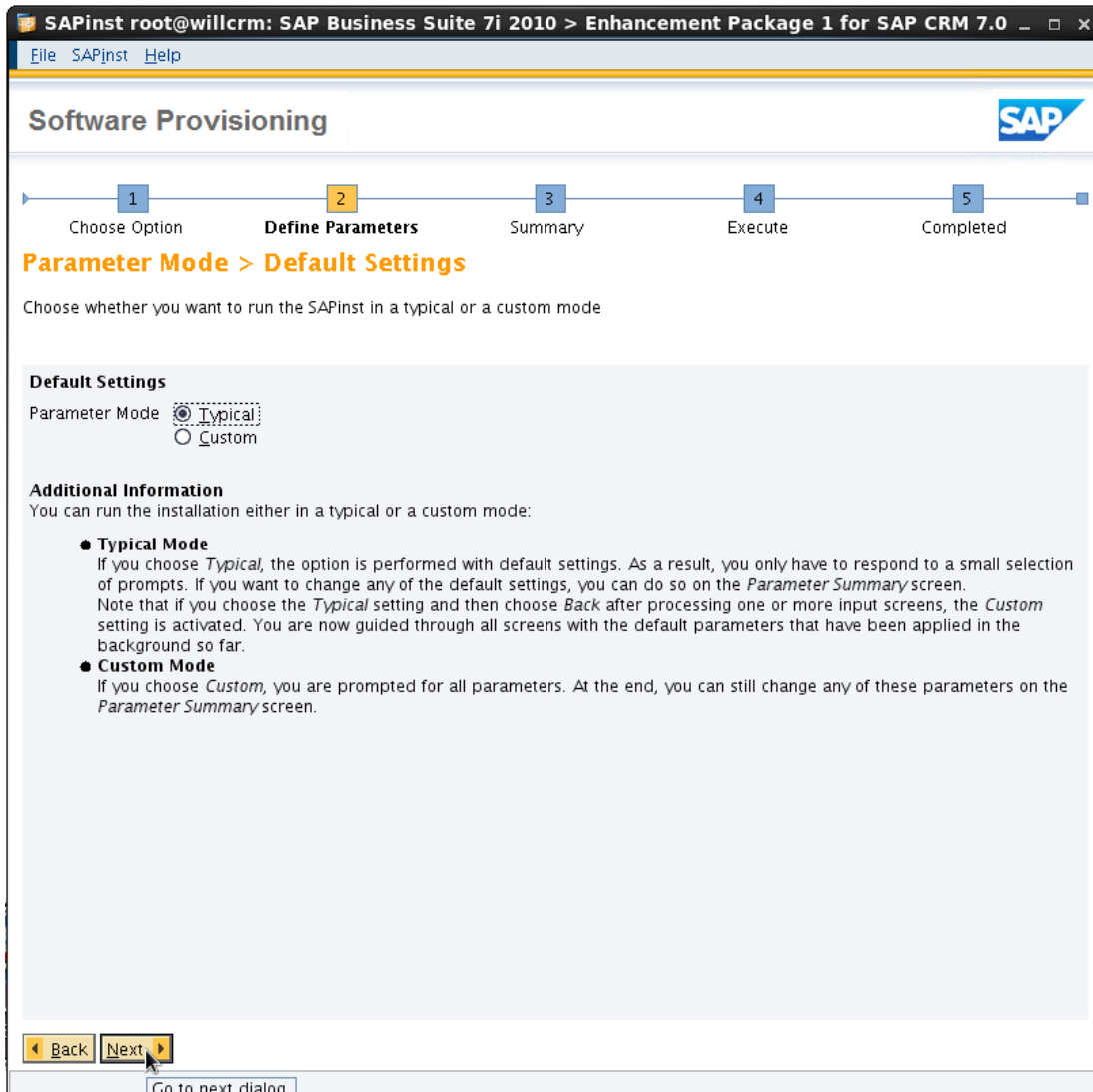
- SAP Business Suite 7i 2010 → Enhancement Package 1 for SAP CRM 7.0 → SAP Application Server ABAP → MaxDB → Central System → Central System

- Then Click NEXT



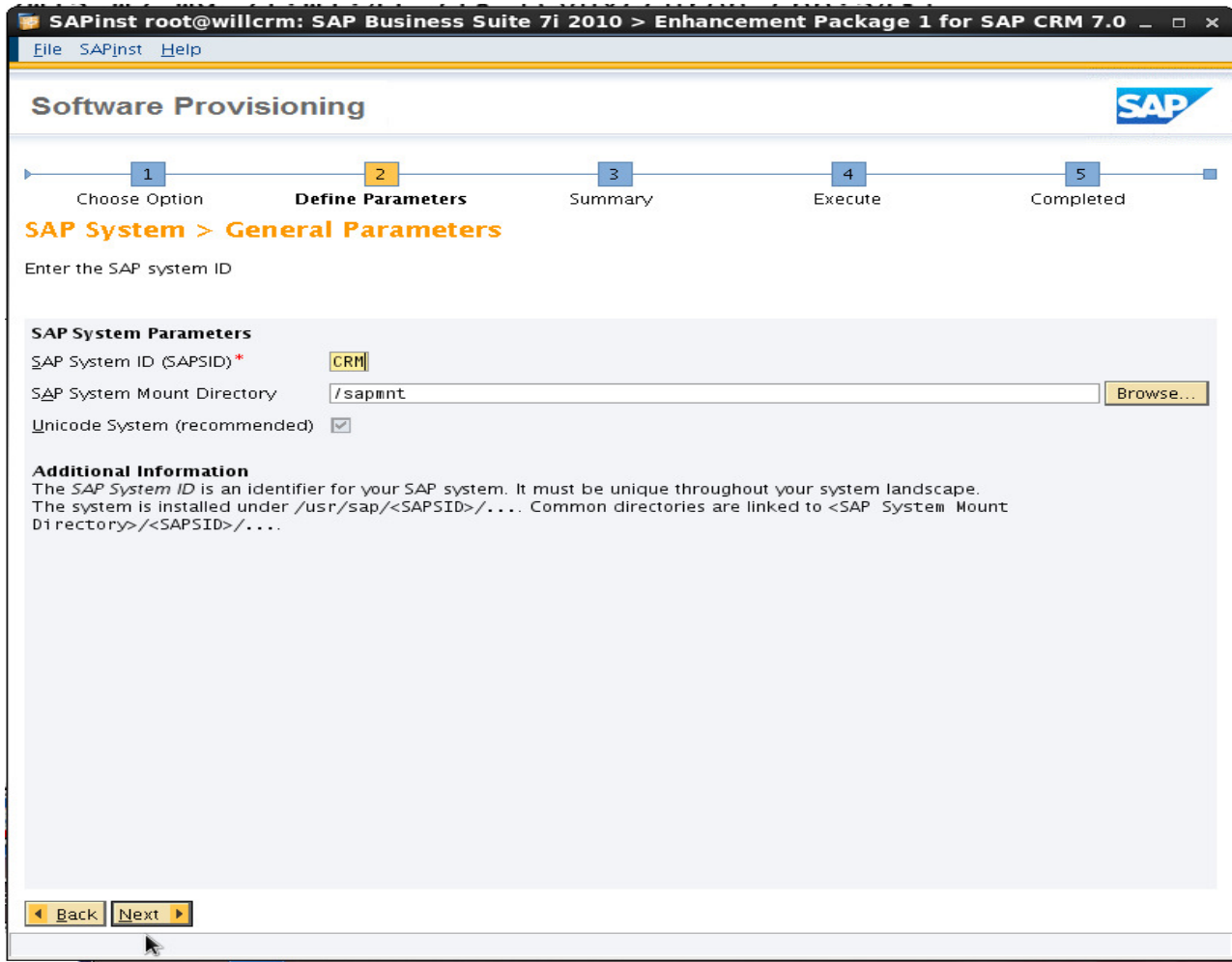
STEP 8:

Select TYPICAL. Then Click NEXT



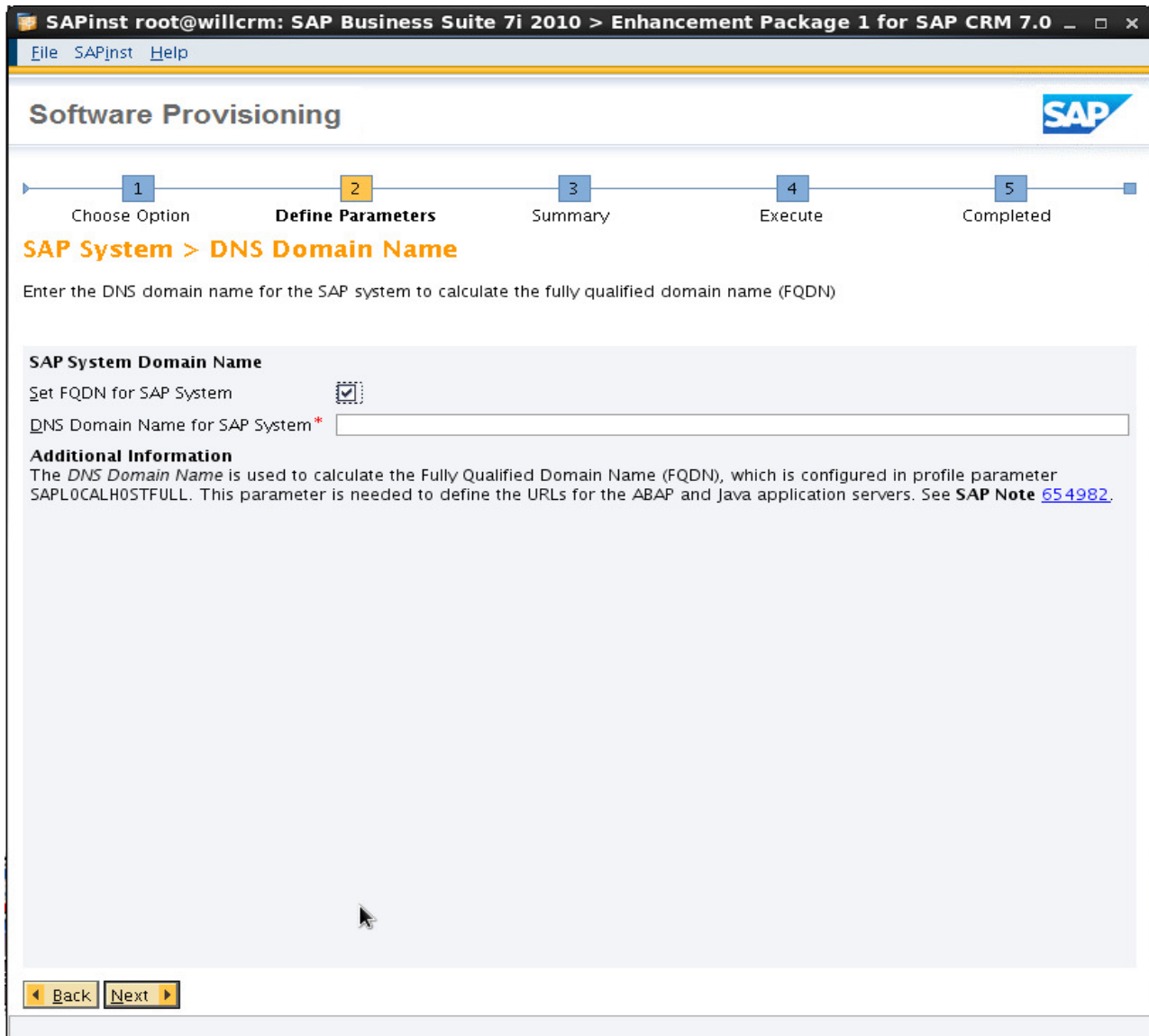
STEP 9:

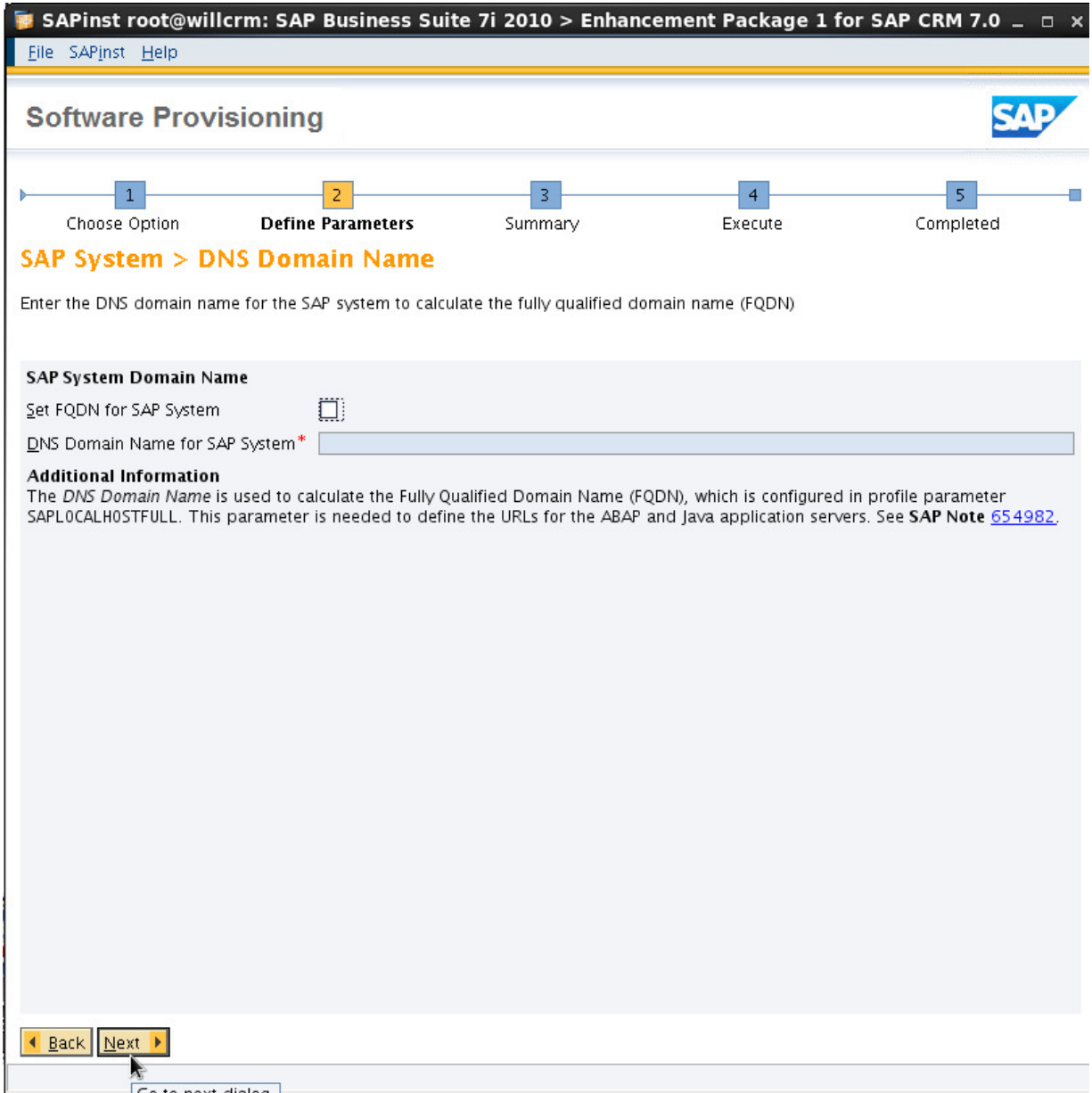
Specify SAP System ID



STEP 10:

Unselect Set FQDN for SAP System

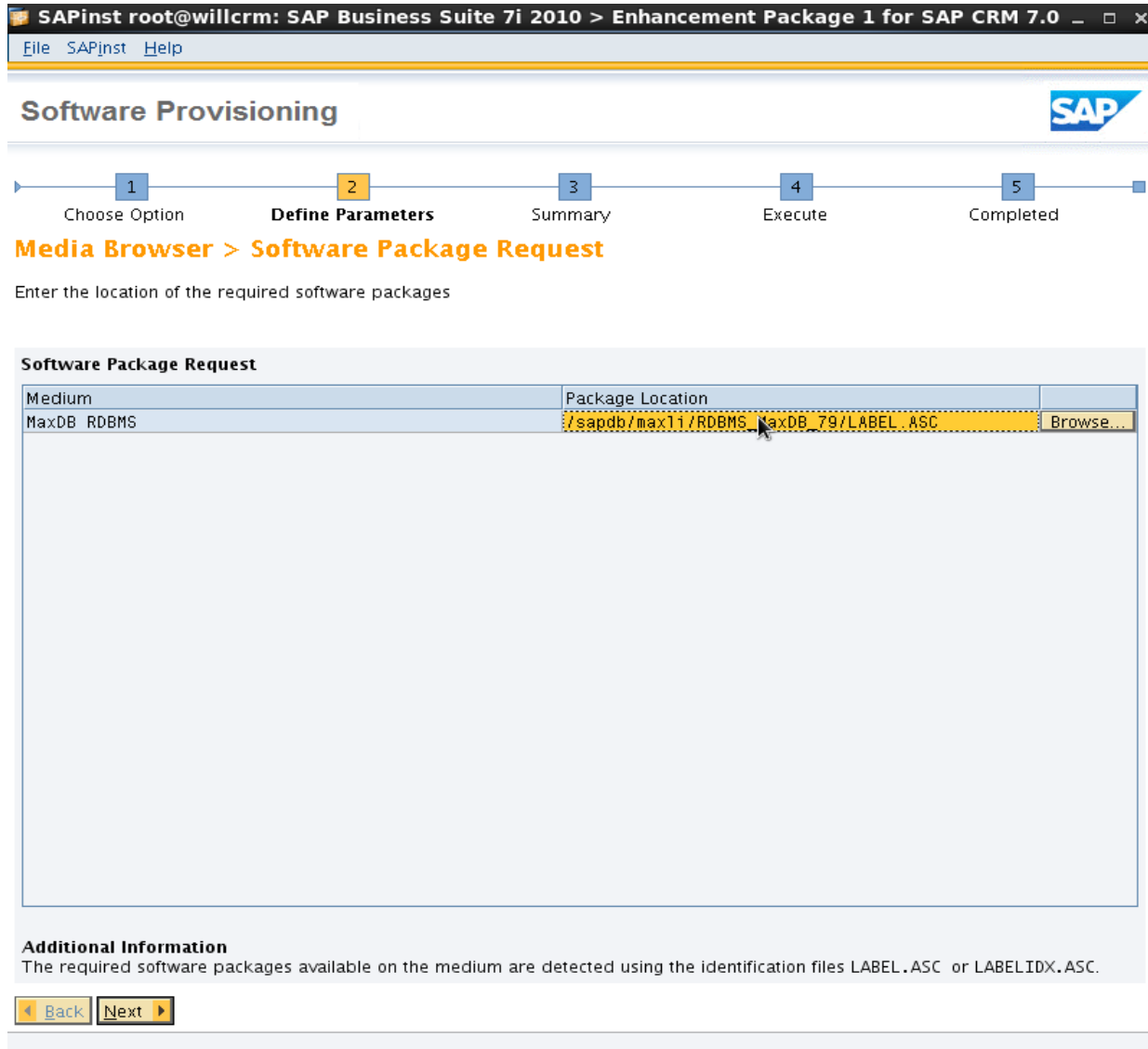




The screenshot shows the SAPinst Software Provisioning wizard. The title bar reads "SAPinst root@willcrm: SAP Business Suite 7i 2010 > Enhancement Package 1 for SAP CRM 7.0". The menu bar includes "File", "SAPinst", and "Help". The main window title is "Software Provisioning" with the SAP logo in the top 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 current step is "SAP System > DNS Domain Name". The instruction says: "Enter the DNS domain name for the SAP system to calculate the fully qualified domain name (FQDN)". There is a section titled "SAP System Domain Name" with a sub-label "Set FQDN for SAP System" and a small icon. Below this is a text input field labeled "DNS Domain Name for SAP System*". An "Additional Information" section follows, stating: "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." At the bottom, there are "Back" and "Next" buttons, with a mouse cursor pointing to the "Next" button. A small text box at the very bottom says "Go to next dialog".

STEP 11:

Specify Database location of the required software packages



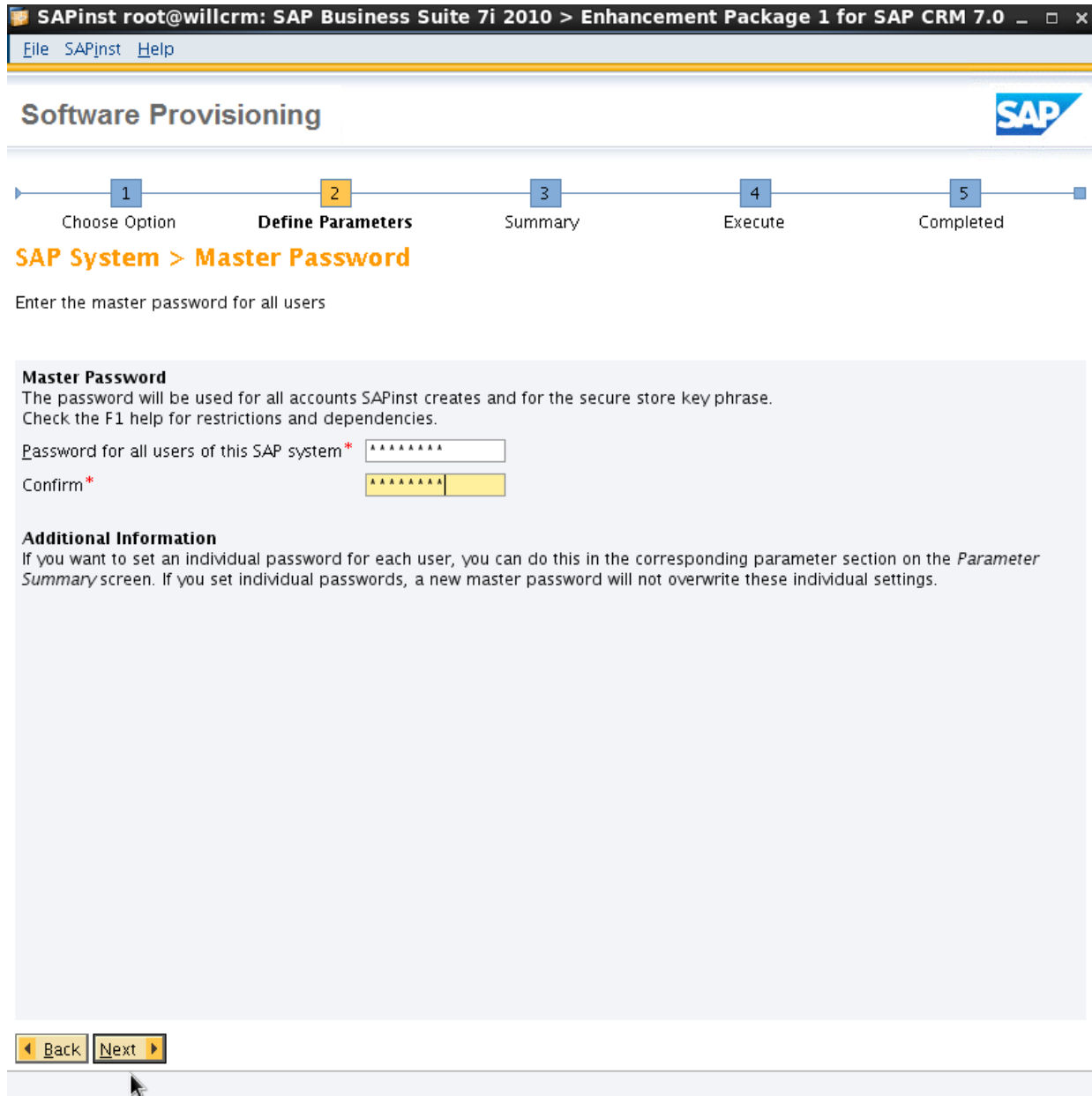
The screenshot shows the SAPinst 'Software Provisioning' window. The progress bar indicates that step 2, 'Define Parameters', is the current step. The breadcrumb navigation shows 'Media Browser > Software Package Request'. The main area contains a table for 'Software Package Request' with the following data:

Medium	Package Location	
MaxDB RDBMS	/sapdb/max11/RDBMS_MaxDB_79/LABEL_ASC	Browse...

Below the table, there is an 'Additional Information' section stating: 'The required software packages available on the medium are detected using the identification files LABEL.ASC or LABELIDX.ASC.' At the bottom, there are 'Back' and 'Next' navigation buttons.

STEP 12:

Specify Master Password for all users



The screenshot shows the SAPinst Software Provisioning wizard window. The title bar reads "SAPinst root@willcrm: SAP Business Suite 7i 2010 > Enhancement Package 1 for SAP CRM 7.0". The menu bar includes "File", "SAPinst", and "Help". The main window title is "Software Provisioning" with the SAP logo in the top right corner. 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 current step is titled "SAP System > Master Password". The instruction reads: "Enter the master password for all users". Under the heading "Master Password", it states: "The password will be used for all accounts SAPinst creates and for the secure store key phrase. Check the F1 help for restrictions and dependencies." There are two password input fields: "Password for all users of this SAP system*" and "Confirm*", both containing masked characters. Below these fields is the "Additional Information" section, which says: "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 will not overwrite these individual settings." At the bottom of the window, there are "Back" and "Next" navigation buttons.

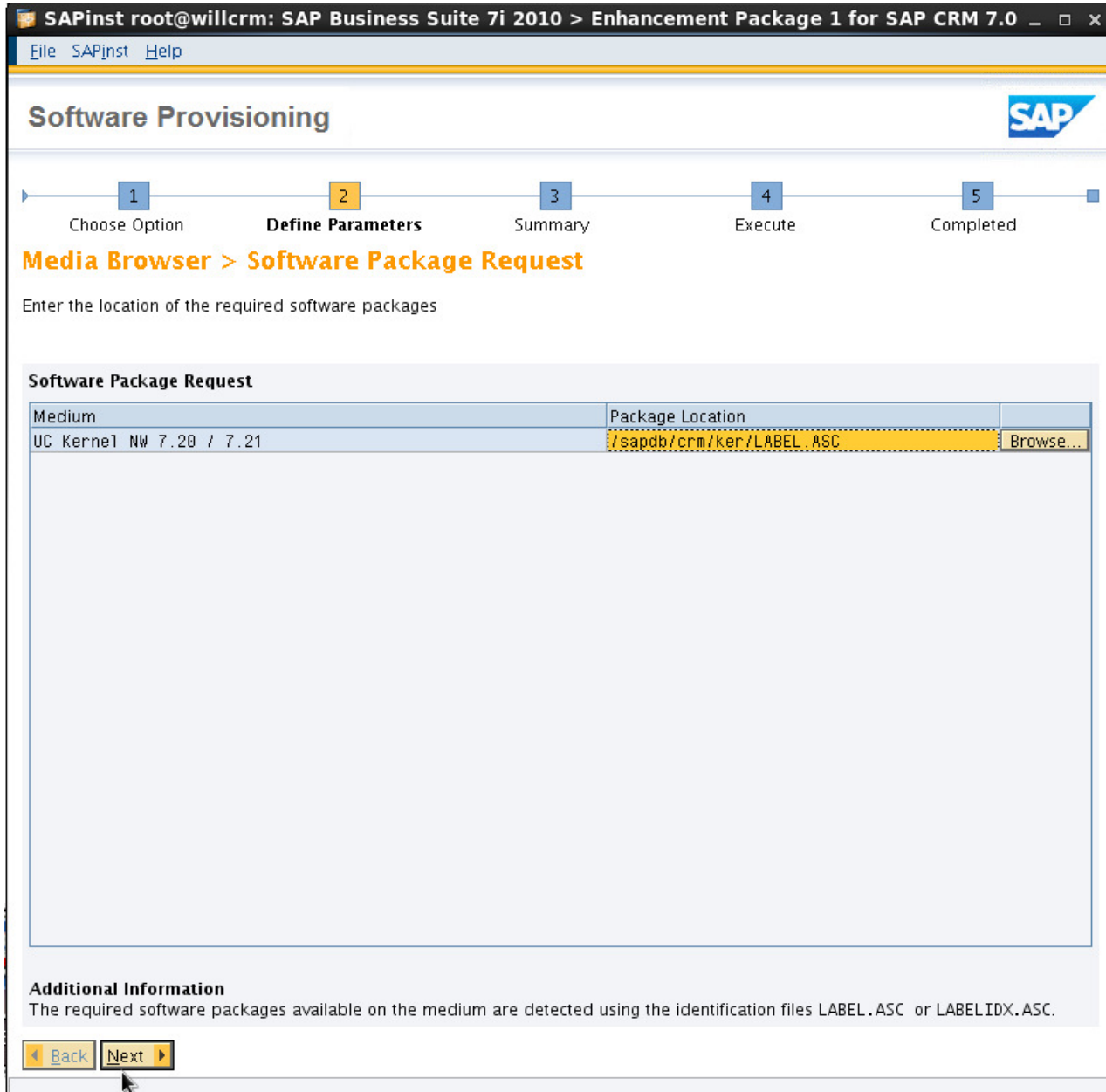
STEP 13:

Specify the Database Id. Then Click NEXT



STEP 14:

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



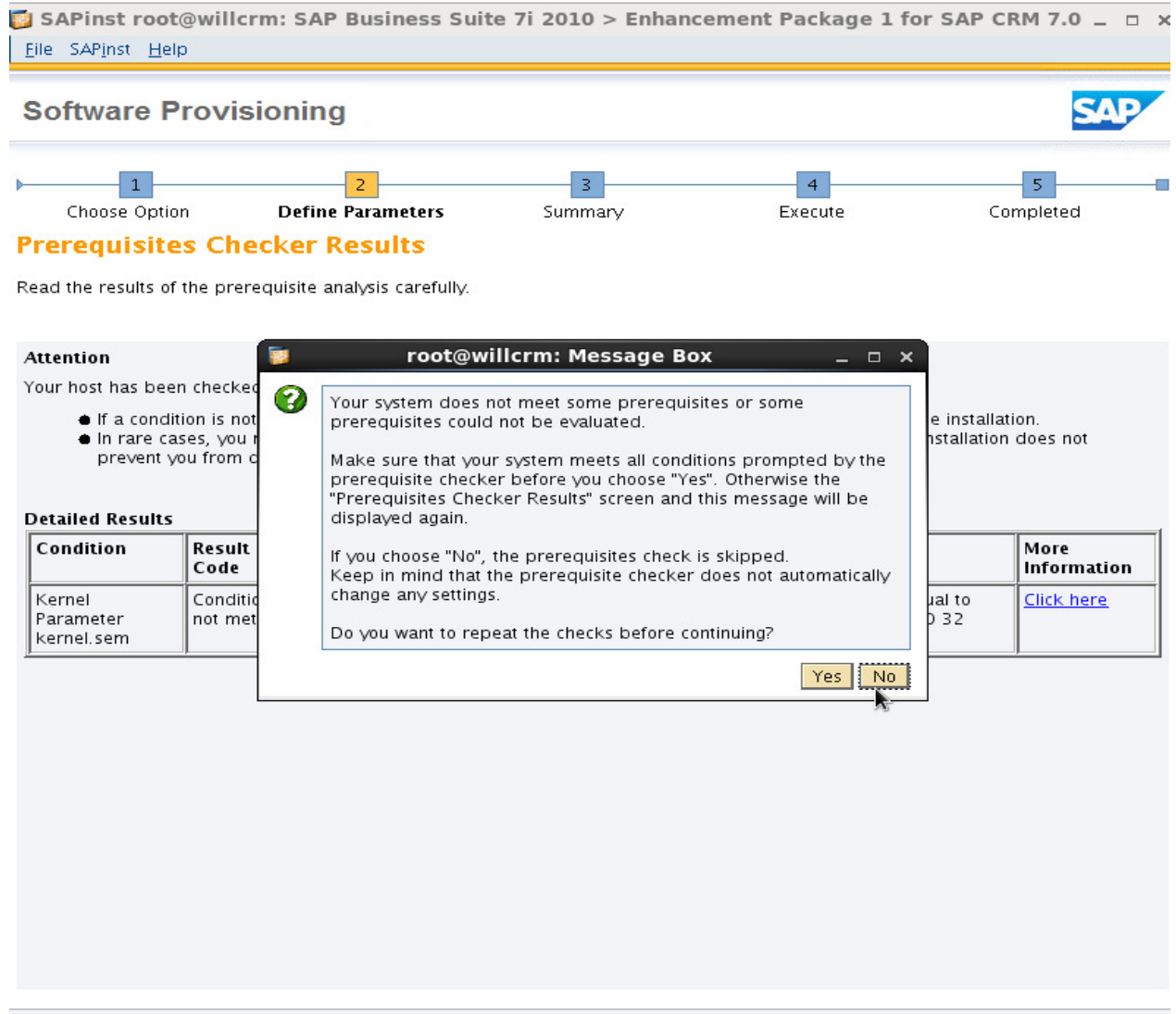
The screenshot shows the SAPinst 'Software Provisioning' wizard. The progress bar indicates five steps: 1. Choose Option, 2. Define Parameters (highlighted), 3. Summary, 4. Execute, and 5. Completed. The current step is 'Media Browser > Software Package Request'. Below this, there is a table for 'Software Package Request' with the following data:

Medium	Package Location	
UC Kernel NW 7.20 / 7.21	/sapdb/crm/ker/LABEL.ASC	Browse...

Below the table, there is an 'Additional Information' section stating: 'The required software packages available on the medium are detected using the identification files LABEL.ASC or LABELIDX.ASC.' At the bottom, there are 'Back' and 'Next' navigation buttons.

STEP 15:

Click NO



Software Provisioning

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

Prerequisites Checker Results

Read the results of the prerequisite analysis carefully.

Attention
Your host has been checked...
● If a condition is not...
● In rare cases, you...
prevent you from c...

Condition	Result Code
Kernel Parameter kernel.sem	Conditio not met

Message Box

Your system does not meet some prerequisites or some prerequisites could not be evaluated.

Make sure that your system meets all conditions prompted by the prerequisite checker before you choose "Yes". Otherwise the "Prerequisites Checker Results" screen and this message will be displayed again.

If you choose "No", the prerequisites check is skipped. Keep in mind that the prerequisite checker does not automatically change any settings.

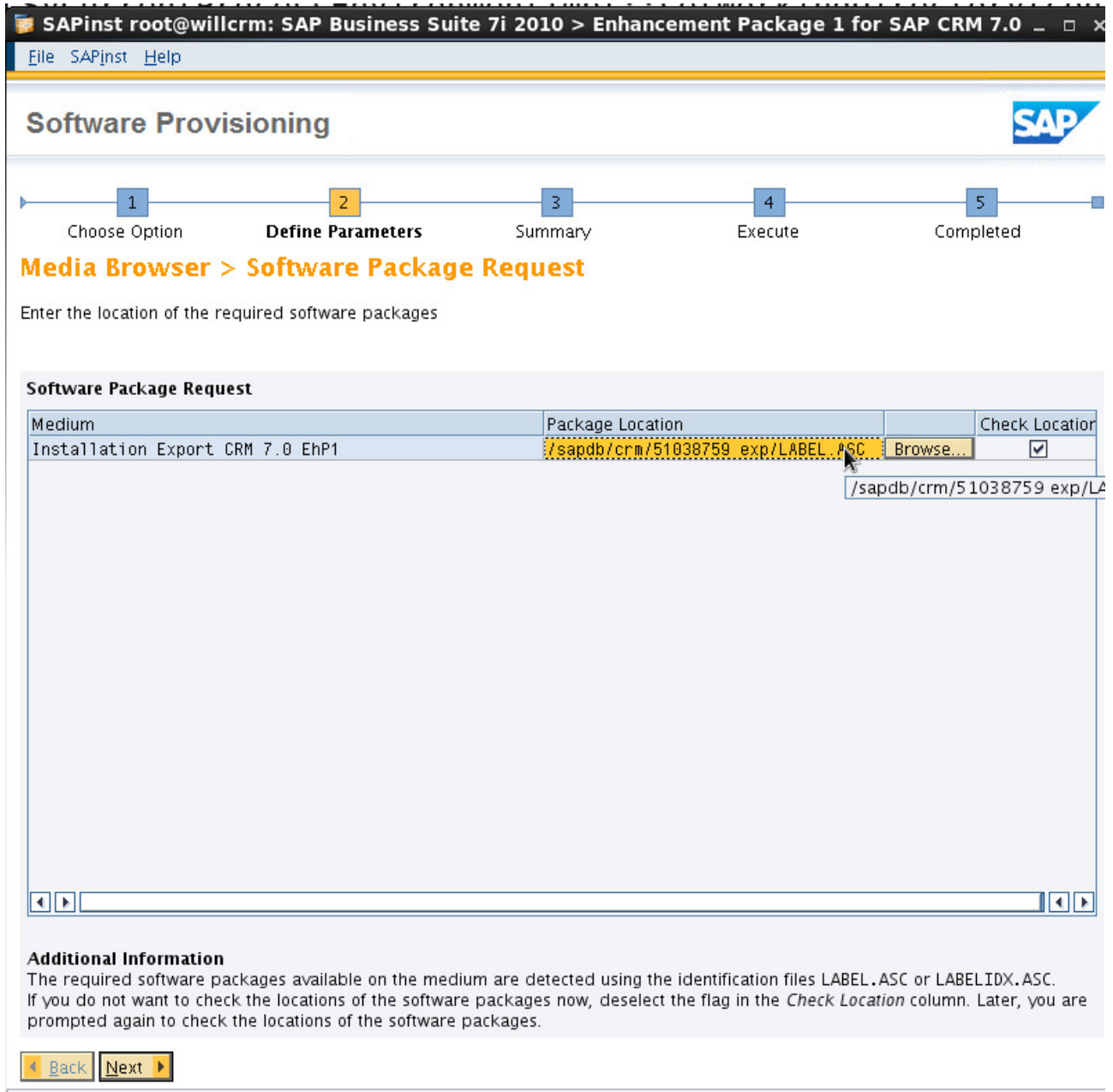
Do you want to repeat the checks before continuing?

Yes No

More Information
[Click here](#)

STEP 16:

Specify the EXPORT 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 > Software Package Request

Enter the location of the required software packages

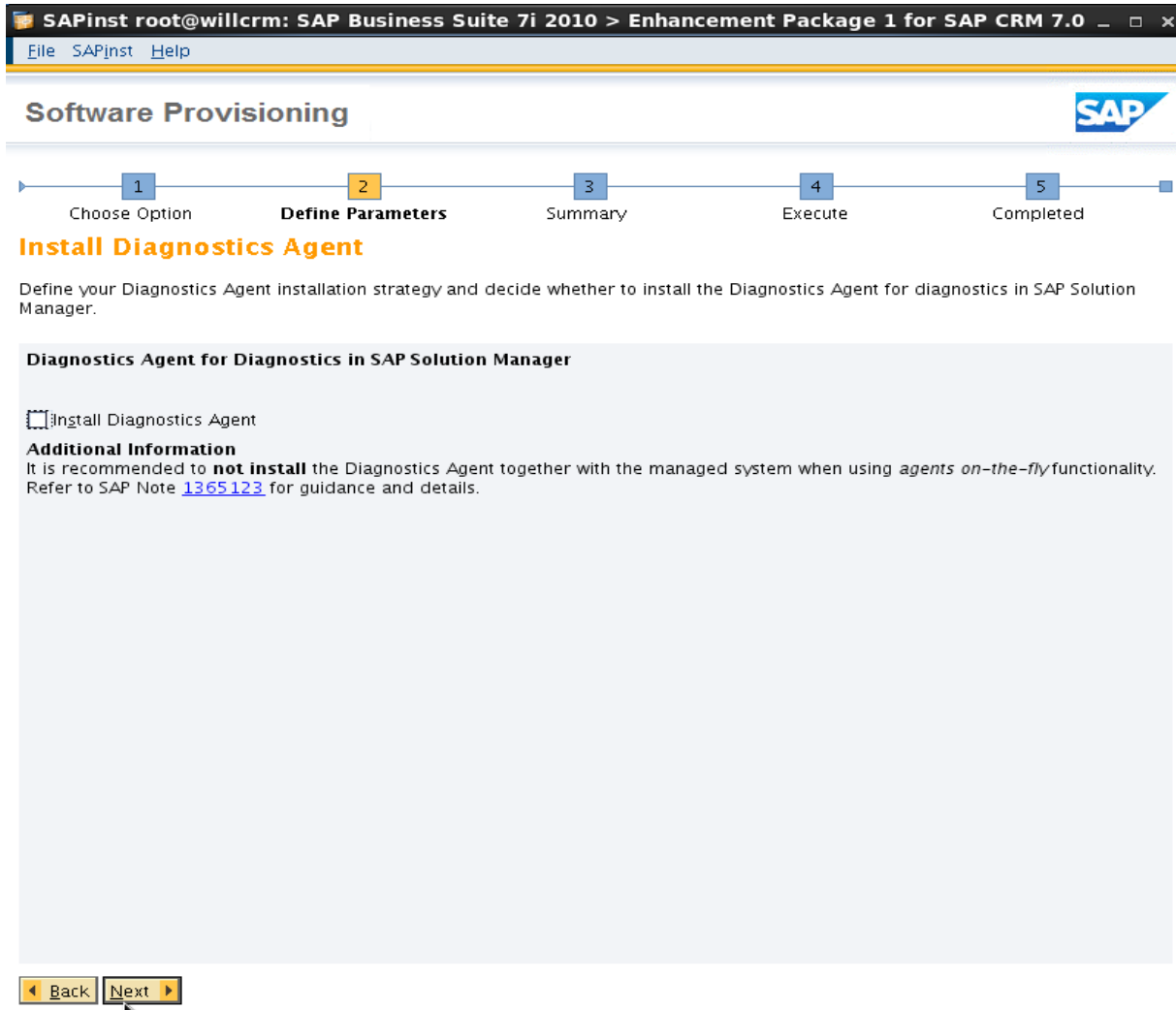
Medium	Package Location	Check Location
Installation Export CRM 7.0 EhP1	/sapdb/crm/51038759_exp/LABEL.PSC	<input checked="" type="checkbox"/>

Additional Information
 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.

Back Next

STEP 17:

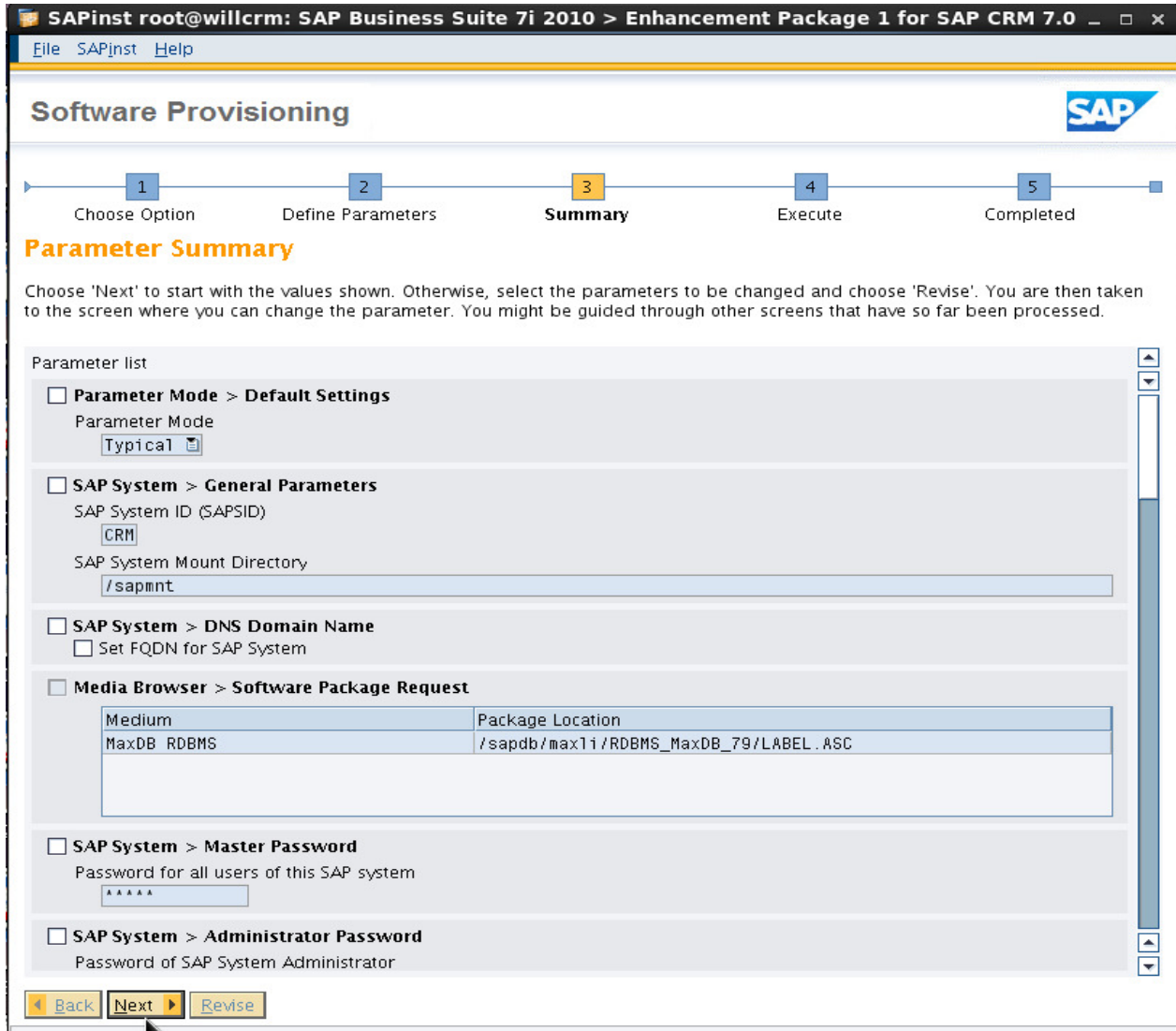
Click NEXT



The screenshot shows the SAPinst Software Provisioning wizard window. The title bar reads "SAPinst root@willcrm: SAP Business Suite 7i 2010 > Enhancement Package 1 for SAP CRM 7.0". The window contains a progress bar with five steps: 1. Choose Option, 2. Define Parameters (highlighted in orange), 3. Summary, 4. Execute, and 5. Completed. Below the progress bar, the section "Install Diagnostics Agent" is displayed in orange text. Underneath, there is a sub-section "Diagnostics Agent for Diagnostics in SAP Solution Manager" with a checkbox labeled "Install Diagnostics Agent". An "Additional Information" section follows, 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 window, there are "Back" and "Next" navigation buttons.

STEP 18:

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



The screenshot shows the SAPinst Software Provisioning interface. The title bar reads "SAPinst root@willcrm: SAP Business Suite 7i 2010 > Enhancement Package 1 for SAP CRM 7.0". The interface includes 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 contains a list of parameters and their values:

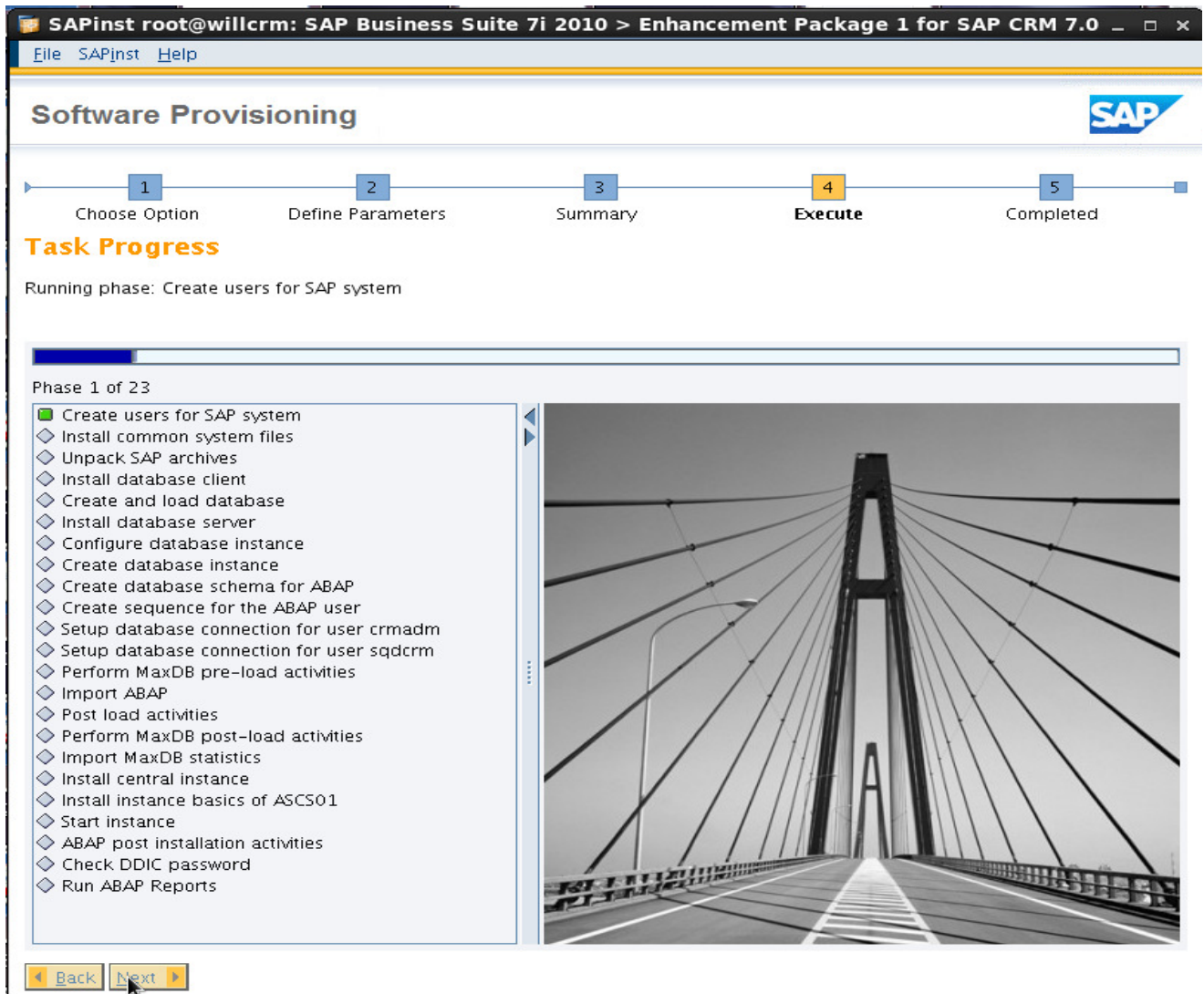
- Parameter Mode > Default Settings**
Parameter Mode: Typical
- SAP System > General Parameters**
SAP System ID (SAPSID): CRM
SAP System Mount Directory: /sapmnt
- SAP System > DNS Domain Name**
 Set FQDN for SAP System
- Media Browser > Software Package Request**

Medium	Package Location
MaxDB RDBMS	/sapdb/max1i/RDBMS_MaxDB_79/LABEL.ASC
- SAP System > Master Password**
Password for all users of this SAP system: [REDACTED]
- SAP System > Administrator Password**
Password of SAP System Administrator: [REDACTED]

At the bottom of the interface, there are three buttons: "Back", "Next" (highlighted), and "Revise".

STEP 19:

Installation Processing



Related Content:

<http://service.sap.com>

<http://support.sap.com>

www.help.sap.com

www.sdn.sap.com/irj/sdn/index.

Disclaimer and Liability Notice:

WILLSYS will not be held liable for any damages caused by using or misusing the information, code or methods suggested in this document, and anyone using these methods does so at his/her own risk.

WILLSYS offers no guarantees and assumes no responsibility or liability of any type with respect to the content of this technical article or code sample, including any liability resulting from incompatibility between the content within this document and the materials and services offered by WILLSYS. You agree that you will not hold, or seek to hold, WILLSYS responsible or liable with respect to the content of this document.