



Enterprise Switch Manager (ESM)

Installing Enterprise Switch Manager

ATTENTION

Clicking on a PDF hyperlink takes you to the appropriate page. If necessary, scroll up or down the page to see the beginning of the referenced section.

Document status: Standard
Document version: 02.01
Document date: 6 October 2006

Copyright © 2005-2006, Nortel Networks
All Rights Reserved.

The information in this document is subject to change without notice. The statements, configurations, technical data, and recommendations in this document are believed to be accurate and reliable, but are presented without express or implied warranty. Users must take full responsibility for their applications of any products specified in this document. The information in this document is proprietary to Nortel Networks.

The software described in this document is furnished under a license agreement and may be used only in accordance with the terms of that license. The software license agreement is included in this document.

Trademarks

*Nortel, Nortel Networks, the Nortel logo, and the Globemark are trademarks of Nortel Networks.

All other products or services may be trademarks, registered trademarks, service marks, or registered service marks of their respective owners. The asterisk after a name denotes a trademarked item.

Restricted rights legend

Use, duplication, or disclosure by the United States Government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013.

Notwithstanding any other license agreement that may pertain to, or accompany the delivery of, this computer software, the rights of the United States Government regarding its use, reproduction, and disclosure are as set forth in the Commercial Computer Software-Restricted Rights clause at FAR 52.227-19.

Statement of conditions

In the interest of improving internal design, operational function, and/or reliability, Nortel Networks reserves the right to make changes to the products described in this document without notice.

Nortel Networks does not assume any liability that may occur due to the use or application of the product(s) or circuit layout(s) described herein.

Portions of the code in this software product may be Copyright © 1988, Regents of the University of California. All rights reserved. Redistribution and use in source and binary forms of such portions are permitted, provided that the above copyright notice and this paragraph are duplicated in all such forms and that any documentation, advertising materials, and other materials related to such distribution and use acknowledge that such portions of the software were developed by the University of California, Berkeley. The name of the University may not be used to endorse or promote products derived from such portions of the software without specific prior written permission.

SUCH PORTIONS OF THE SOFTWARE ARE PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

In addition, the program and information contained herein are licensed only pursuant to a license agreement that contains restrictions on use and disclosure (that may incorporate by reference certain limitations and notices imposed by third parties).

Nortel Networks software license agreement

This Software License Agreement ("License Agreement") is between you, the end-user ("Customer") and Nortel Networks Corporation and its subsidiaries and affiliates ("Nortel Networks"). PLEASE READ THE FOLLOWING CAREFULLY. YOU MUST ACCEPT THESE LICENSE TERMS IN ORDER TO DOWNLOAD AND/OR USE THE SOFTWARE. USE OF THE SOFTWARE CONSTITUTES YOUR ACCEPTANCE OF THIS LICENSE AGREEMENT. If you do not accept these terms and conditions, return the Software, unused and in the original shipping container, within 30 days of purchase to obtain a credit for the full purchase price.

"Software" is owned or licensed by Nortel Networks, its parent or one of its subsidiaries or affiliates, and is copyrighted and licensed, not sold. Software consists of machine-readable instructions, its components, data, audio-visual content (such as images, text, recordings or pictures) and related licensed materials including all whole or partial copies. Nortel Networks grants you a license to use the Software only in the country where you acquired the Software. You obtain no rights other than those granted to you under this License Agreement. You are responsible for the selection of the Software and for the installation of, use of, and results obtained from the Software.

1. **Licensed Use of Software.** Nortel Networks grants Customer a nonexclusive license to use a copy of the Software on only one machine at any one time or to the extent of the activation or authorized usage level, whichever is applicable. To the extent Software is furnished for use with designated hardware or Customer furnished equipment ("CFE"), Customer is granted a nonexclusive license to use Software only on such hardware or CFE, as applicable. Software contains trade secrets and Customer agrees to treat Software as confidential information using the same care and discretion Customer uses with its own similar information that it does not wish to disclose, publish or disseminate. Customer will ensure that anyone who uses the Software does so only in compliance with the terms of this Agreement. Customer shall not a) use, copy, modify, transfer or distribute the Software except as expressly authorized; b) reverse assemble, reverse compile, reverse engineer or otherwise translate the Software; c) create derivative works or modifications unless expressly authorized; or d) sublicense, rent or lease the Software. Licensors of intellectual property to Nortel Networks are beneficiaries of this provision. Upon termination or breach of the license by Customer or in the event designated hardware or CFE is no longer in use, Customer will promptly return the Software to Nortel Networks or certify its destruction. Nortel Networks may audit by remote polling or other reasonable means to determine Customer's Software activation or usage levels. If suppliers of third party software included in Software require Nortel Networks to include additional or different terms, Customer agrees to abide by such terms provided by Nortel Networks with respect to such third party software.
2. **Warranty.** Except as may be otherwise expressly agreed to in writing between Nortel Networks and Customer, Software is provided "AS IS" without any warranties (conditions) of any kind. NORTEL NETWORKS DISCLAIMS ALL WARRANTIES (CONDITIONS) FOR THE SOFTWARE, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ANY WARRANTY OF NON-INFRINGEMENT. Nortel Networks is not obligated to provide support of any kind for the Software. Some jurisdictions do not allow exclusion of implied warranties, and, in such event, the above exclusions may not apply.
3. **Limitation of Remedies.** IN NO EVENT SHALL NORTEL NETWORKS OR ITS AGENTS OR SUPPLIERS BE LIABLE FOR ANY OF THE FOLLOWING: a) DAMAGES BASED ON ANY THIRD PARTY CLAIM; b) LOSS OF, OR DAMAGE TO, CUSTOMER'S RECORDS, FILES OR DATA; OR c) DIRECT, INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS OR SAVINGS), WHETHER IN CONTRACT, TORT OR OTHERWISE (INCLUDING NEGLIGENCE) ARISING OUT OF YOUR USE OF THE SOFTWARE, EVEN IF NORTEL NETWORKS, ITS AGENTS OR SUPPLIERS HAVE BEEN ADVISED OF THEIR POSSIBILITY. The foregoing limitations of remedies also apply to any developer and/or supplier of the Software. Such developer and/or supplier is an intended beneficiary of this Section. Some jurisdictions do not allow these limitations or exclusions and, in such event, they may not apply.
4. **General**
 - a. If Customer is the United States Government, the following paragraph shall apply: All Nortel Networks Software available under this License Agreement is commercial computer software and commercial computer software documentation and, in the event Software is licensed for or on behalf of the United States Government, the respective rights to the software and software documentation are governed by Nortel Networks standard commercial license in accordance with U.S. Federal Regulations at 48 C.F.R. Sections 12.212 (for non-DoD entities) and 48 C.F.R. 227.7202 (for DoD entities).
 - b. Customer may terminate the license at any time. Nortel Networks may terminate the license if Customer fails to comply with the terms and conditions of this license. In either event, upon termination, Customer must either return the Software to Nortel Networks or certify its destruction.
 - c. Customer is responsible for payment of any taxes, including personal property taxes, resulting from Customer's use of the Software. Customer agrees to comply with all applicable laws including all applicable export and import laws and regulations.
 - d. Neither party may bring an action, regardless of form, more than two years after the cause of the action arose.
 - e. The terms and conditions of this License Agreement form the complete and exclusive agreement between Customer and Nortel Networks.

- f. This License Agreement is governed by the laws of the country in which Customer acquires the Software. If the Software is acquired in the United States, then this License Agreement is governed by the laws of the state of New York.

Contents

Installing Enterprise Switch Manager	7
About this guide	7
Supported devices	7
Operating Systems	8
What is included on the CD	8
Before you begin	8
Installing ESM in a Windows environment	9
Installing ESM on Windows from the CD	9
Installing ESM on Windows from the web	10
Executing the ESM installation software on Windows	10
Installing ESM in a Solaris 2.8, 2.9, or 2.10 environment	16
Installing ESM on Solaris from the CD	16
Installing ESM on Solaris from the web	17
Executing the ESM installation software on Solaris	17
Installing ESM in a Linux environment	23
Installing ESM on Linux from the CD	23
Installing ESM on Linux from the web	23
Executing the ESM installation software on Linux	24
Launching Enterprise Switch Manager	30
Launching Device Manager	30
Launching Scheduler Server from the command line	30
Removing ESM in Windows	30
Removing ESM in Solaris or Linux environments	31

Installing Enterprise Switch Manager

About this guide

This guide describes the procedure to install Enterprise Switch Manager on a PC or a Sun* workstation running Solaris* 2.8, 2.9, or 2.10, or SunOS* 5.8, 5.9, or 5.10, or Linux-Kernel version 2.2 and above.

This installation guide contains the following sections:

Section
"Supported devices" (page 7)
"Operating Systems" (page 8)
"What is included on the CD" (page 8)
"Before you begin" (page 8)
"Installing ESM in a Windows environment" (page 9)
"Installing ESM in a Solaris 2.8, 2.9, or 2.10 environment" (page 16)
"Installing ESM in a Linux environment" (page 23)
"Launching Enterprise Switch Manager" (page 30)
"Launching Device Manager" (page 30)
"Launching Scheduler Server from the command line" (page 30)
"Removing ESM in Windows" (page 30)
"Removing ESM in Solaris or Linux environments" (page 31)

Supported devices

Refer to the *Release Notes for Enterprise Switch Manager* (NN47300-400) for the latest list of devices supported by each version of ESM software.

Operating Systems

"Supported operating systems" (page 8) lists the operating systems supported by the Enterprise Switch Manager.

Supported operating systems

Operating System	Version
Microsoft Windows*	98 (Second Edition), 2000 (Professional), XP, and 2003
Unix—Solaris/SunOS	2.8, 2.9, and 2.10/5.8, 5.9, and 5.10
Linux	Kernel version 2.2 and above

Note: This release of ESM bundles the Java Runtime Environment (JRE) version 1.5. Operating system patches are required for installing the JRE for some Solaris/SunOS releases.

What is included on the CD

Your *Enterprise Switch Manager Software* CD contains Enterprise Switch Manager Software for Windows, Solaris, and Linux.

Java Device Manager (JDM) is installed as part of the Enterprise Switch Manager installation. After installation, Device Manager can be upgraded independently of Enterprise Switch Manager.

Before you begin

Before you install Enterprise Switch Manager, make sure the following requirements are met:

- If you are installing Enterprise Switch Manager on a Sun workstation, you must have system administration and super user (root) access permissions.
- If you are installing Enterprise Switch Manager on a Sun workstation, your system must be up-to-date with the required patches to run the JRE required by Enterprise Switch Manager Software.
- If a previous version of Enterprise Switch Manager is running on your system, either uninstall your previous version of the Enterprise Switch Manager software, or install the new software to a different directory. (You can have multiple versions of Enterprise Switch Manager stored on your PC or UNIX machine, provided that each version is stored in a separate directory).

- Your system must meet the RAM and storage requirements listed in "[Minimum RAM and storage requirements](#)" (page 9) for Enterprise Switch Manager and Device Manager.

Minimum RAM and storage requirements

Platform	Requirements
Windows	256 megabytes (MB) of RAM
Windows	400 MB of disk space
Solaris	256 MB of RAM
Solaris	400 MB of disk space
Linux	256 MB of RAM
Linux	400 MB of disk space

In a Solaris environment, you may also need to install system patches.

Note: To ensure proper operation, any Solaris/SunOS patches, if required, must be installed prior to installing Enterprise Switch Manager.

Installing ESM in a Windows environment

This section includes information on the following topics:

- ["Installing ESM on Windows from the CD"](#) (page 9)
- ["Installing ESM on Windows from the web"](#) (page 10)
- ["Executing the ESM installation software on Windows"](#) (page 10)

Installing ESM on Windows from the CD

To access the ESM software from the installation CD:

Step	Action
1	Close all programs.
2	Insert the <i>Enterprise Switch Manager Software</i> CD into your CD-ROM drive.
3	From the Windows Start menu, choose Start > Run . The Run dialog box appears.
4	Use Browse to navigate to the drive where the CD-ROM is located.
5	On the CD-ROM drive, locate the \ESM_SW\ESM-Windows subdirectory.
6	Double-click the <i>esm_<xxxx>.exe</i> file.

Note: In the file name, <xxxx> represents the current version of the ESM software.

To continue, see "Executing the ESM installation software on Windows" (page 10)

—End—

Installing ESM on Windows from the web

To obtain the ESM software from the Nortel web site:

Step	Action
------	--------

- 1 Go to the following URL:
www.nortel.com/support
- 2 Select the software support page for ESM.
- 3 Download the ESM software for Windows to a desired directory on your system. The software is a self-extracting .exe file.
- 4 Once the file transfer is complete, close all programs.
- 5 Navigate to the directory on your system where you downloaded the ESM Software.
- 6 Double-click the *esm_<xxxx>.exe* file.

Note: In the file name, <xxxx> represents the current version of the ESM software.

To continue, see "Executing the ESM installation software on Windows" (page 10)

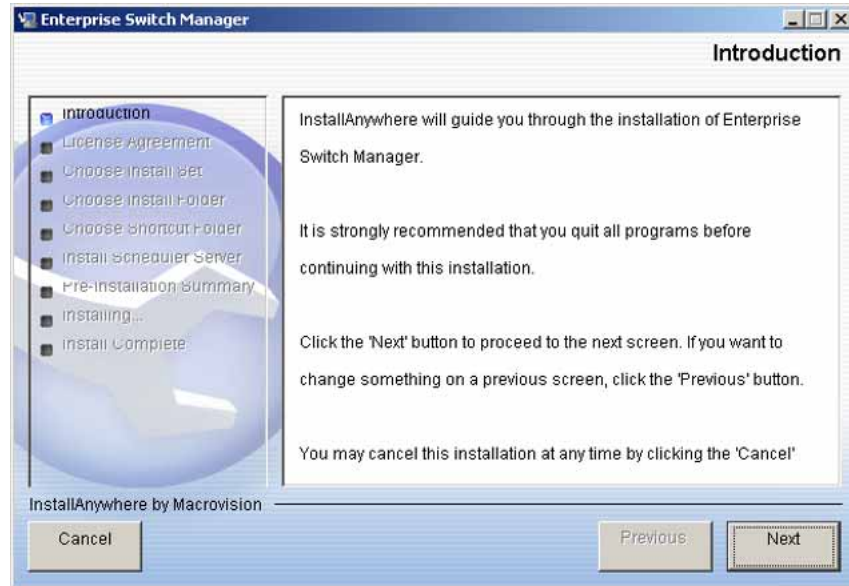
—End—

Executing the ESM installation software on Windows

To install the Enterprise Switch Manager software in your windows environment:

Step	Action
------	--------

- 1 When you double-click the *esm_<xxxx>.exe* file, an install screen appears, followed by a Nortel dialog box. When the InstallAnywhere Introduction dialog box appears ("InstallAnywhere Introduction dialog box" (page 11)), you are ready to install ESM.

InstallAnywhere Introduction dialog box

- 2 Click **Next** to continue the installation process.

The License Agreement dialog box appears ("[License Agreement dialog box](#)" (page 11)).

License Agreement dialog box

- 3 Read the terms of the license agreement carefully.
- 4 Click **I accept the terms of the license agreement** as shown in "[License Agreement dialog box](#)" (page 11).

5 Click **Next**.

The Choose Install Set dialog box appears ("Choose Install Set dialog box" (page 12)).

Choose Install Set dialog box



6 Do one of the following:

- Select **Typical** installation to install the common set features.
- Select **Minimal** installation to select the features to install (recommended for those with limited disk space).
- Select **Custom** installation to customize the features prior to installation.

7 Click **Next**.

The Choose Install Folder dialog box appears ("Choose Install Folder dialog box" (page 13)).

Choose Install Folder dialog box

- 8 Select **Restore Default Folder** or click **Choose** to select the storage path.

You cannot have spaces in the path name.

- 9 Click **Next**.

The Choose Shortcut Folder dialog box appears ("[Choose Shortcut Folder dialog box](#)" (page 13)).

Choose Shortcut Folder dialog box

- 10 Select your shortcut path(s).
- 11 Click **Next**.

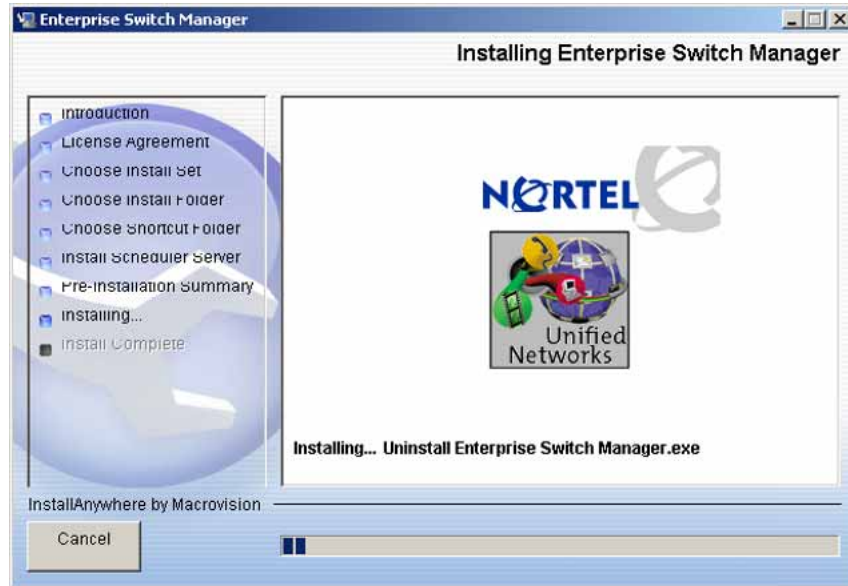
The Pre-Installation Summary dialog box appears ("[Pre-installation Summary dialog box](#)" (page 14)).

Pre-installation Summary dialog box

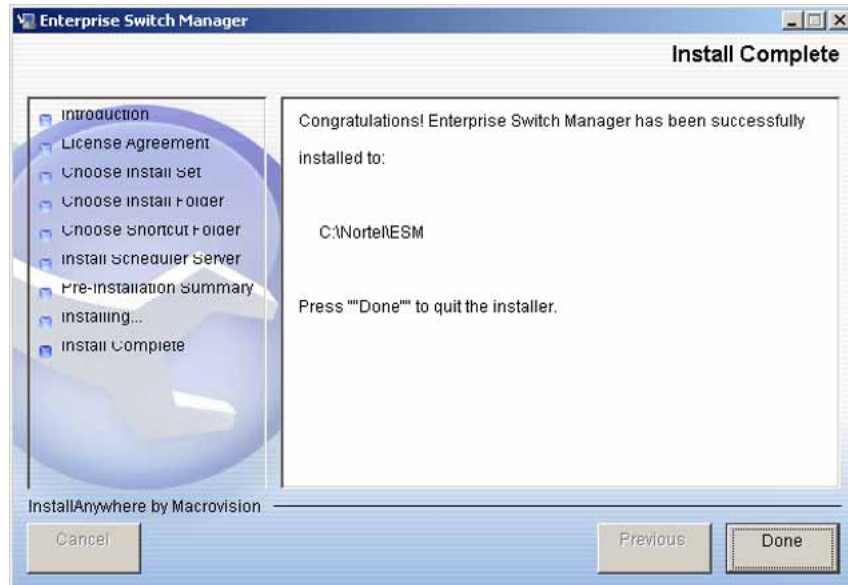


- 12 Verify the folder, shortcut(s), and disk space required to install the software. Use the **Previous** button to return to the appropriate dialog box to make changes.
- 13 Click **Install**.

The installation process begins ("[Installing Enterprise Switch Manager dialog box](#)" (page 15)).

Installing Enterprise Switch Manager dialog box

When the installation is complete, the Install Complete dialog box appears ("Install Complete dialog box" (page 15)).

Install Complete dialog box

14 Click **Done**.

—End—

For more information on using Enterprise Switch Manager, refer to *Using Enterprise Switch Manager* (NN47300-100).

Installing ESM in a Solaris 2.8, 2.9, or 2.10 environment

Note: To ensure proper operation, any Solaris/SunOS patches, if required, must be installed prior to installing Enterprise Switch Manager.

To run Enterprise Switch Manager on a Sun workstation, the workstation must be running Solaris 2.8, 2.9, or 2.10 or SunOS 5.8, 5.9, or 5.10, and the appropriate operating system patches for the version of Solaris/SunOS on your workstation must be installed. If your system has an older version of Solaris/SunOS, you must upgrade the system to at least the 2.8/5.8 level before you install this software.

Note: Because Solaris is a multi-user system, Nortel recommends that you install ESM as a super-user (root). Super user is required to install the RMIRRegistry server and the ESM Scheduler server.

This section includes information on the following topics:

- ["Installing ESM on Solaris from the CD" \(page 16\)](#)
- ["Installing ESM on Solaris from the web" \(page 17\)](#)
- ["Executing the ESM installation software on Solaris" \(page 17\)](#)

Installing ESM on Solaris from the CD

The following instructions assume that you have mounted the CD-ROM drive onto the /cdrom directory. For instructions on mounting the CD-ROM drive, refer to your system's operating system user guide.

To install the ESM software in a Solaris environment from the CD:

Step	Action
1	Close all programs.
2	Insert the <i>Enterprise Switch Manager Software</i> CD into your CD-ROM drive.
3	Copy the install program file <code>esm_<xxxx>.sh</code> from the /ESM_SW/ESM-Unix subdirectory to a location on your workstation.
4	Run the install program by entering: <code>esm_<xxxx>_solaris.sh</code> To continue, see "Executing the ESM installation software on Solaris" (page 17) .

—End—

Installing ESM on Solaris from the web

To install the ESM software to a Solaris environment from the web:

Step	Action
1	Go to the following URL: www.nortel.com/support
2	Select the software support page for ESM. The software page appears.
3	Download the ESM software for Solaris to a desired directory on your system. The software is a self-extracting .sh file.
4	Once the file transfer is complete, close all programs.
5	Navigate to the directory on your system where you loaded the ESM software.
6	Make the installation file executable by entering: <pre>chmod a+x esm_<xxxx>_solaris.sh</pre>
7	Run the install program by entering: <pre>esm_<xxxx>_solaris.sh</pre> To continue, go to "Executing the ESM installation software on Solaris" (page 17)

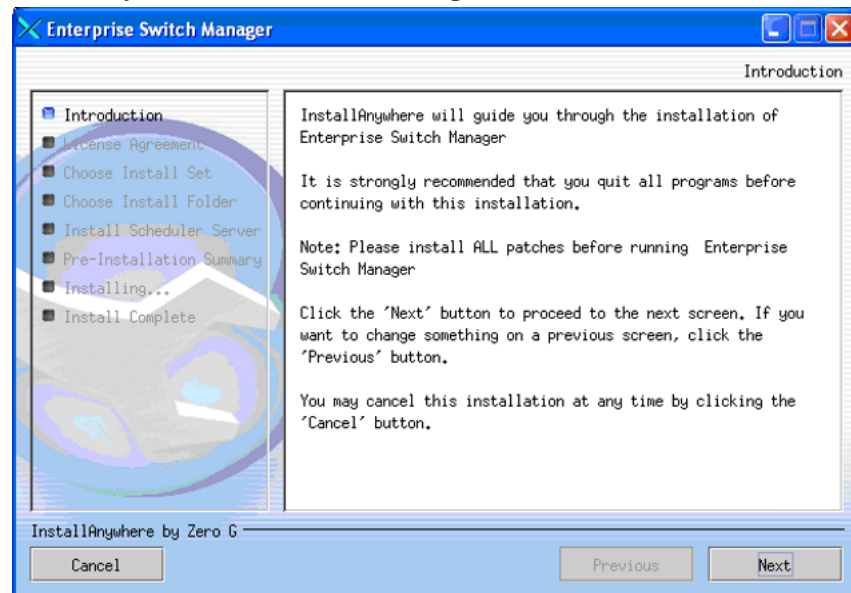
—End—

Executing the ESM installation software on Solaris

Step	Action
1	Copy the install program file <code>esm_<xxxx>_solaris.sh</code> from the <code>/ESM_SW/ESM-Unix</code> subdirectory on the <i>Enterprise Switch Manager Software</i> CD to a location on your workstation where you want to install the software.
2	When you run the <code>esm_<xxxx>_solaris.sh</code> program file, an install screen appears, followed by a Nortel dialog box. When the InstallAnywhere Introduction dialog box appears ("InstallAnywhere

Introduction dialog box" (page 18)), you are ready to begin the ESM installation.

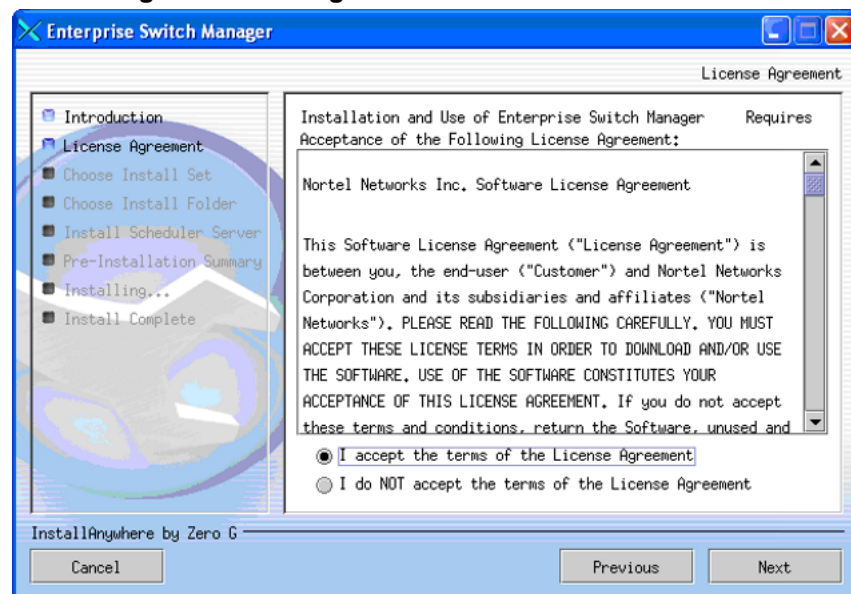
InstallAnywhere Introduction dialog box



- 3 Click **Next** to continue the installation process.

The License Agreement dialog box appears ("License Agreement dialog box" (page 18)).

License Agreement dialog box



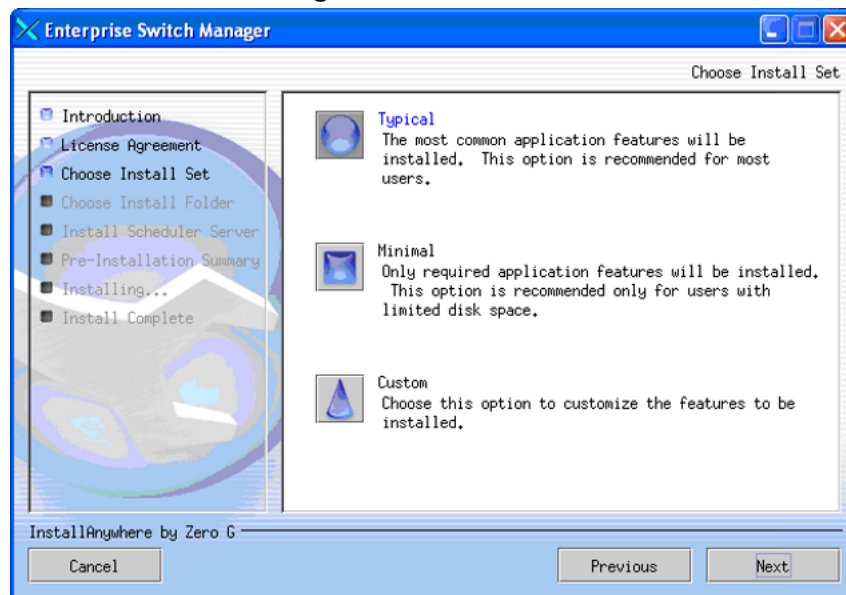
- 4 Read the terms of the license agreement carefully.

5 Click **I accept the terms of the license agreement** as shown in "License Agreement dialog box" (page 18).

6 Click **Next**.

The Choose Install Set dialog box appears ("Choose Install Set dialog box" (page 19)).

Choose Install Set dialog box



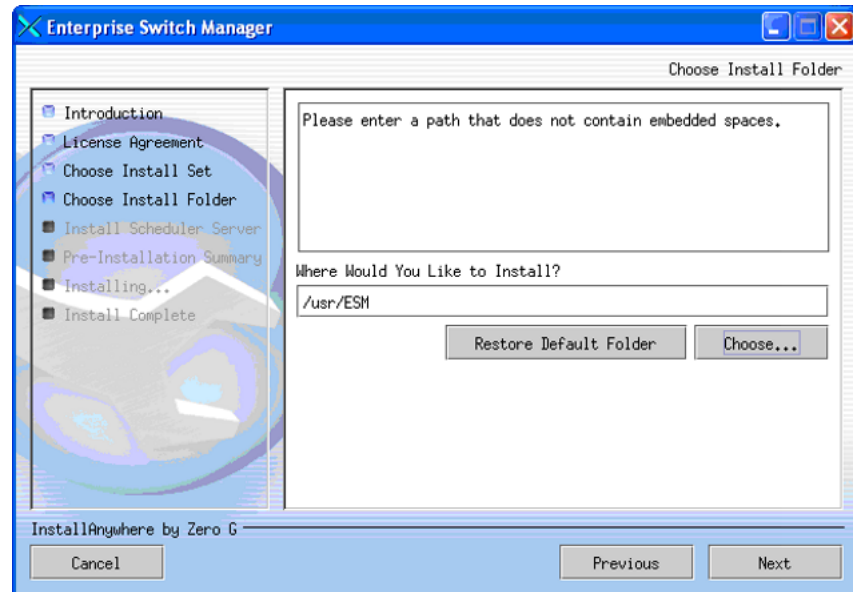
7 Do *one* of the following:

- Select **Typical** installation to install the common set features.
- Select **Minimal** installation to select features to install (recommended for those with limited disk space).
- Select **Custom** installation to customize the features prior to installation.

8 Click **Next**.

The Choose Install Folder dialog box appears ("Choose Install Folder dialog box" (page 20)).

Choose Install Folder dialog box

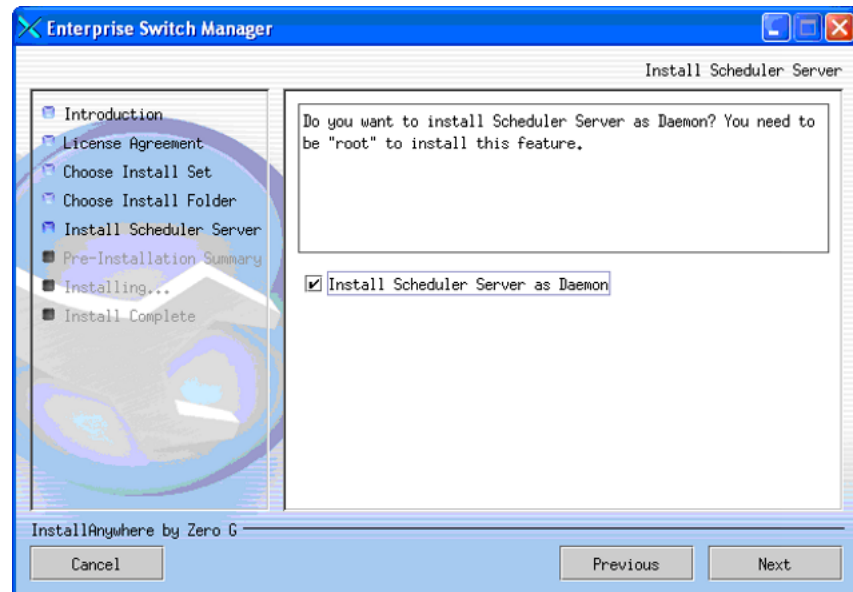


9 Click **Restore Default Folder** or click **Choose** to select the storage path.

10 Click **Next**.

The Install Scheduler Server dialog box appears ("Install Scheduler Server dialog box" (page 20)).

Install Scheduler Server dialog box



- 11 Select the **Install Scheduler Server as Daemon** check box if you want to install the Scheduler Server as a daemon (the default is not-selected).

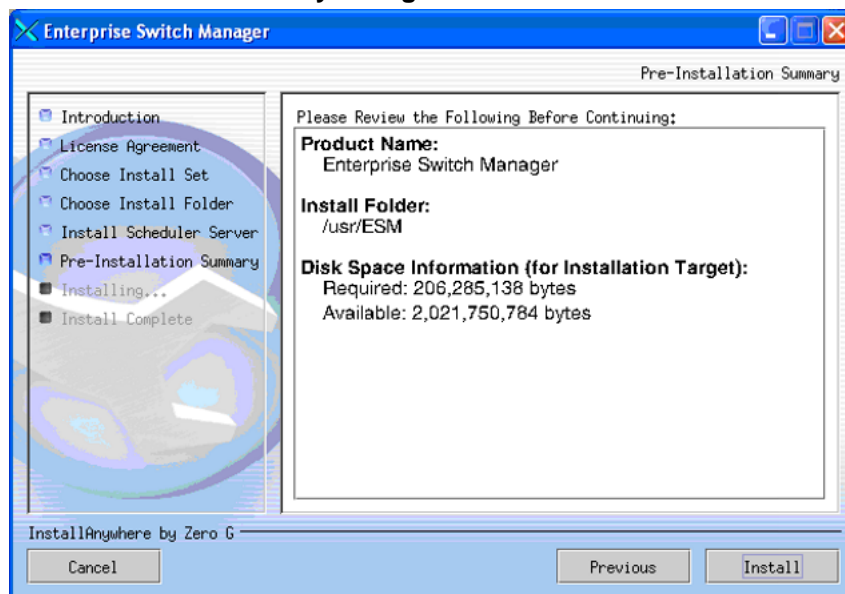
If you choose *not* to install the Scheduler Server as a daemon during the installation process, you can run Scheduler Server as a command.

If you do *not* have root privileges prior to installing the Scheduler Server, an Installer Error dialog box appears.

- 12 Click **Next**.

The Pre-Installation Summary dialog box appears ("Pre-installation Summary dialog box" (page 21)).

Pre-installation Summary dialog box

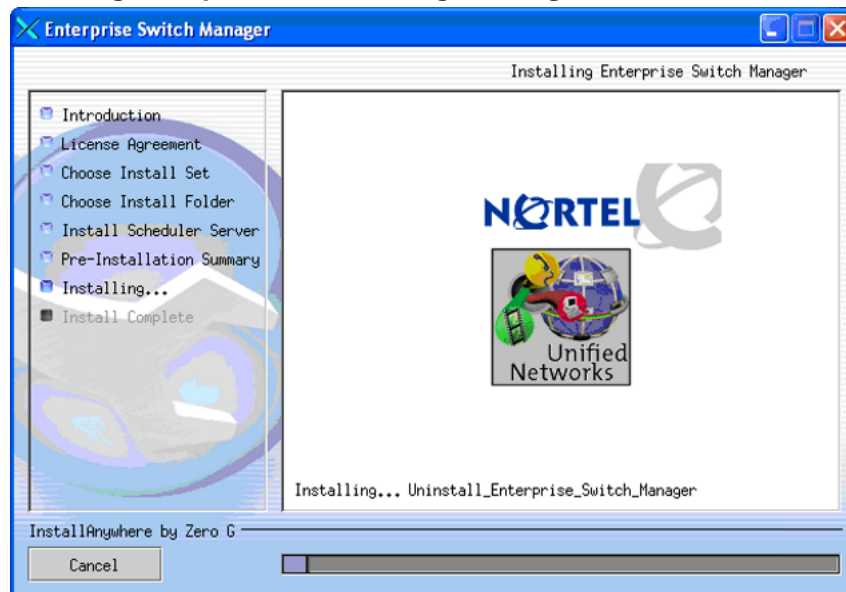


- 13 Verify the folder, shortcut(s), and disk space required to install the software. Use the **Previous** button to return to the appropriate dialog box to make changes.

- 14 Click **Install**.

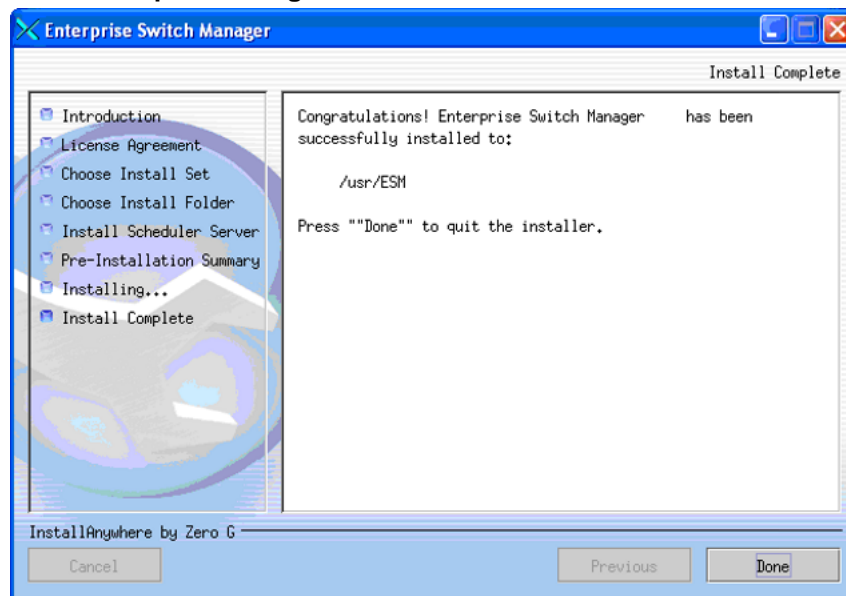
The installation process begins ("Installing Enterprise Switch Manager dialog box" (page 22)).

Installing Enterprise Switch Manager dialog box



When the installation is complete, the Install Complete dialog box appears ("Install Complete dialog box" (page 22)).

Install Complete dialog box



- 15 Click **Done** to exit the installation.
Enterprise Switch Manager is now installed.

—End—

Installing ESM in a Linux environment

To run Enterprise Switch Manager on a Linux workstation, the workstation must be running Linux-Kernel version 2.2 and later. The appropriate operating system patches for this version of Linux OS must be installed. If your system has an older version of Linux, you must upgrade the system to at least the Kernel version 2.2 before installing ESM.

Note: Because Linux is a multi-user system, Nortel recommends that you install ESM as a super-user (root). Super user is required to install the RMIRegistry server and the ESM Scheduler server.

This section contains information on the following topics:

- ["Installing ESM on Linux from the CD" \(page 23\)](#)
- ["Installing ESM on Linux from the web" \(page 23\)](#)
- ["Executing the ESM installation software on Linux" \(page 24\)](#)

Installing ESM on Linux from the CD

The following instructions assume that you have mounted the CD-ROM drive onto the /cdrom directory. For instructions on mounting the CD-ROM drive, refer to your system's operating system user guide.

To install the ESM software in a Linux environment from the CD:

Step	Action
1	Close all programs.
2	Insert the <i>Enterprise Switch Manager Software</i> CD into your CD-ROM drive.
3	Copy the install program file <code>esm_<xxx>linux.sh</code> from the /ESM_SW/ ESM-Unix subdirectory to a preferred location on your workstation.
4	Run the install program by entering: <pre>esm_<xxx>_linux.sh</pre> To continue, see "Executing the ESM installation software on Linux" (page 24) .

—End—

Installing ESM on Linux from the web

To install the ESM software on a Linux environment from the web:

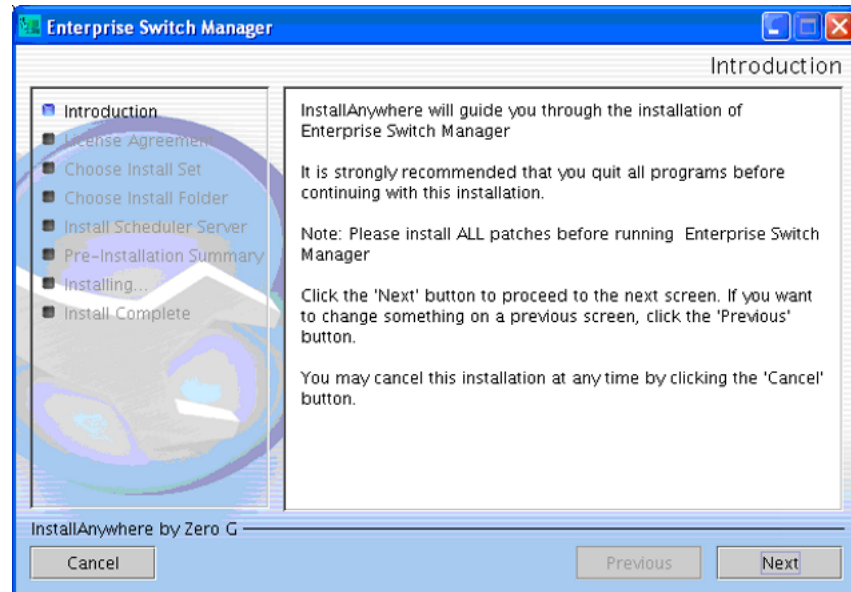
Step	Action
1	Go to the following URL: www.nortel.com/support
2	Select the software support page for ESM.
3	Download the ESM software for Linux to a desired directory on your system. The software is a self-extracting .sh file.
4	Once the file transfer is complete, close all programs.
5	Navigate to the directory on your system where you loaded the ESM software.
6	Make the installation file executable by entering: <pre>chmod a+x esm_<xxxx>_linux.sh</pre>
7	Run the install program by entering: <pre>esm_<xxxx>_linux.sh</pre> <p>To continue, see "Executing the ESM installation software on Linux" (page 24).</p>

—End—

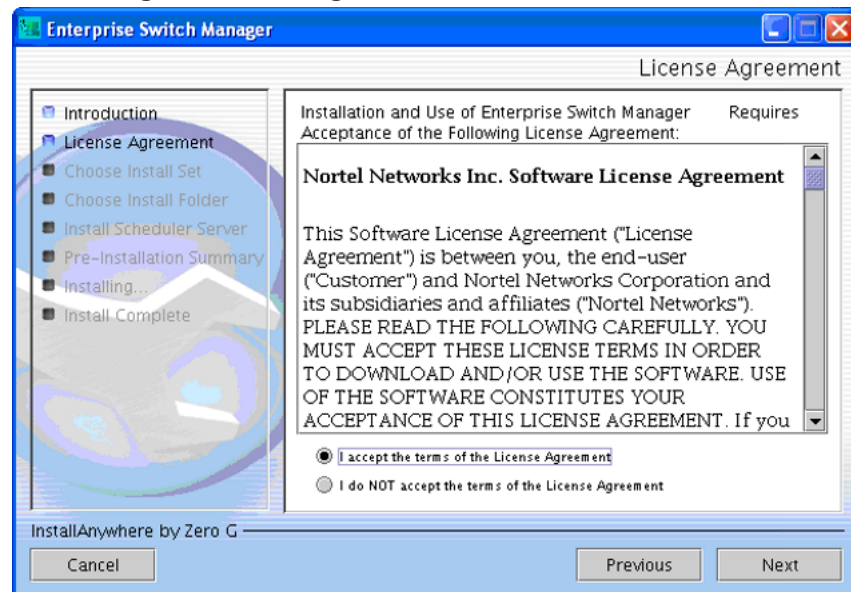
Executing the ESM installation software on Linux

To install the Enterprise Switch Manager software on your Linux workstation:

Step	Action
1	When you run the <code>esm_<xxxx>_linux.sh</code> program file, an install screen appears, followed by a Nortel dialog box. When the InstallAnywhere Introduction dialog box appears ("InstallAnywhere Introduction dialog box" (page 25)), you are ready to begin the ESM installation.

InstallAnywhere Introduction dialog box

- 2 Click **Next**.
- 3 The License Agreement dialog box appears ("License Agreement dialog box" (page 25)).

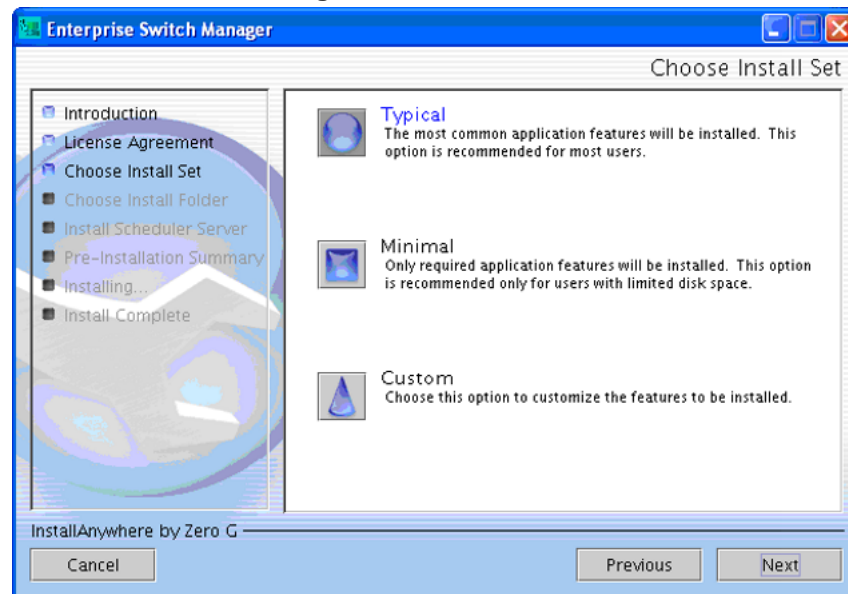
License Agreement dialog box

- 4 Read the terms of the license agreement carefully.
- 5 Click **I accept the terms of the license agreement** as shown in "License Agreement dialog box" (page 25).

6 Click **Next**.

The Choose Install Set dialog box appears ("Choose Install Set dialog box" (page 26)).

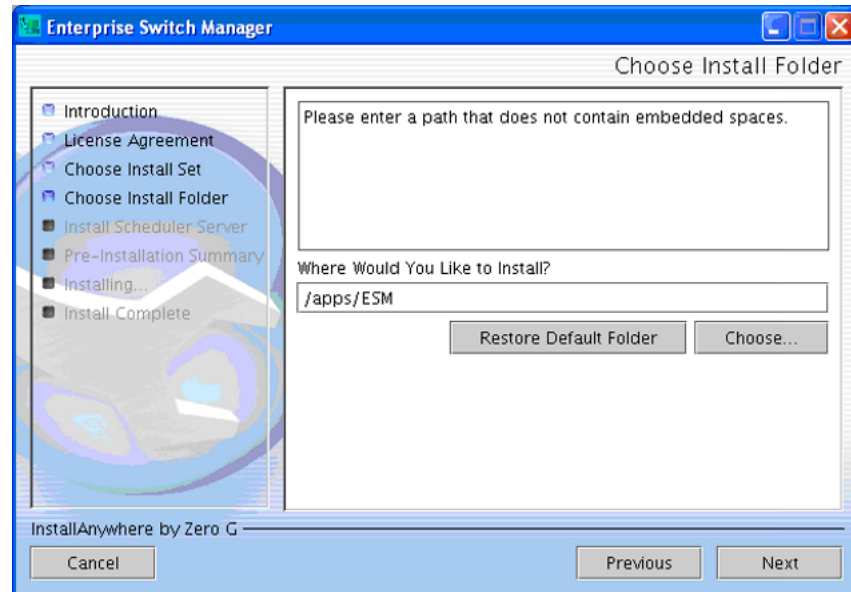
Choose Install Set dialog box



- Select **Typical** installation to install the common set features.
- Select **Minimal** installation to select features to install (recommended for those with limited disk space).
- Select **Custom** installation to customize the features prior to installation.

7 Click **Next**.

The Choose Install Folder dialog box appears ("Choose Install Folder dialog box" (page 27)).

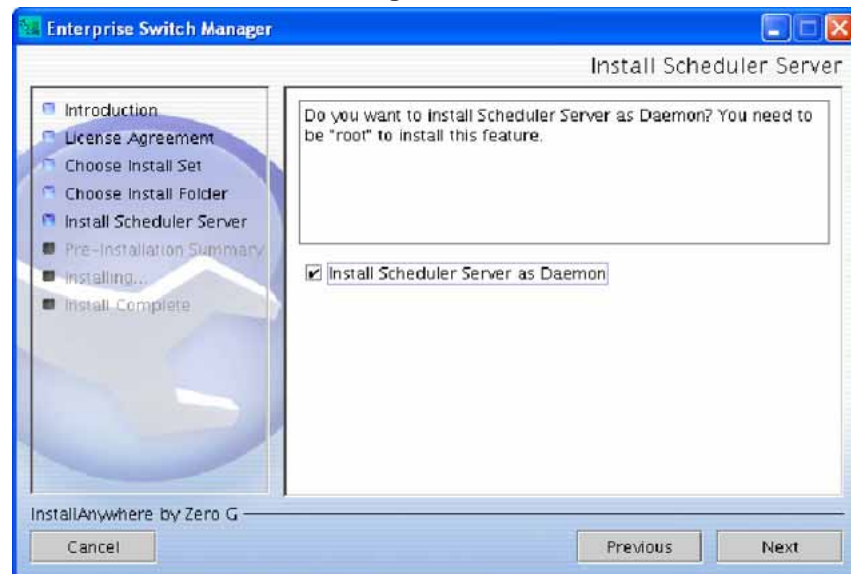
Choose Install Folder dialog box

- 8 Select **Restore Default Folder** or click **Choose** to select the storage path.

The path name must not contain any spaces.

- 9 Click **Next**.

The Install Scheduler Server dialog box appears ("Install Scheduler Server dialog box" (page 27)).

Install Scheduler Server dialog box

- 10 Select the **Install Scheduler Server as Daemon** check box if you want to install the Scheduler Server as a daemon (the default is not-selected).

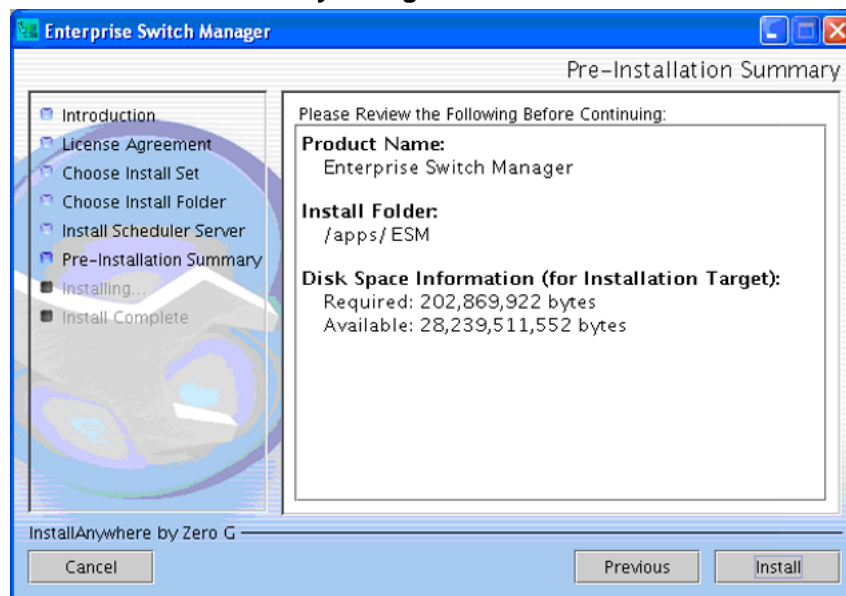
If you choose not to install the Scheduler Server as a daemon during the installation process, you can run Scheduler Server as a command.

If you do not have root privileges prior to installing the Scheduler Server, an Installer Error dialog box appears.

- 11 Click **Next**.

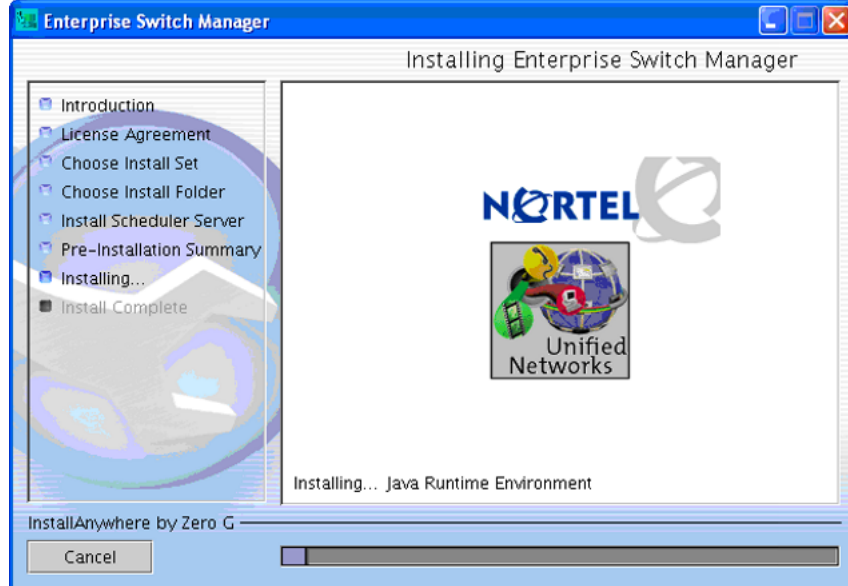
The Pre-Installation Summary dialog box appears ("Pre-installation Summary dialog box" (page 28)).

Pre-installation Summary dialog box

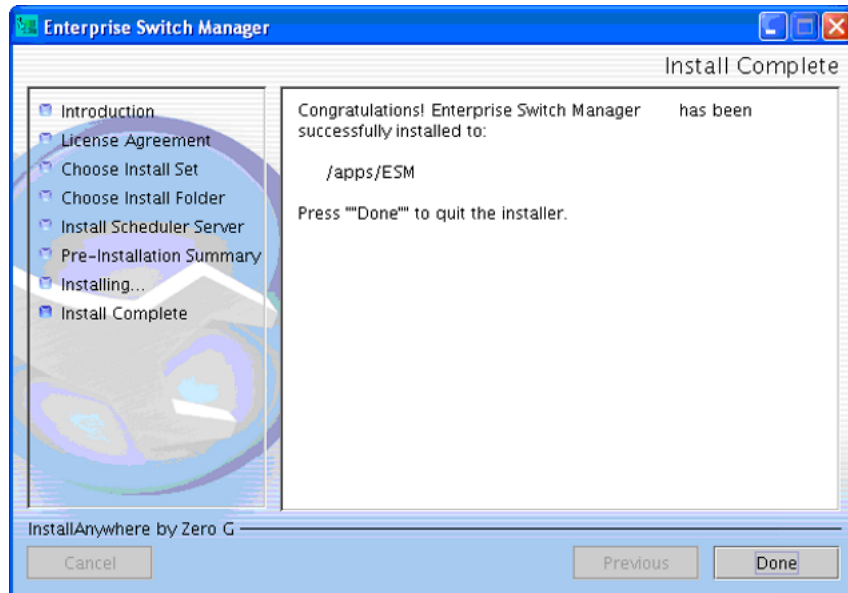


- 12 Click **Install**.

The installation process begins ("Installing Enterprise Switch Manager dialog box" (page 29)).

Installing Enterprise Switch Manager dialog box

- 13 When the installation is complete, the Install Complete dialog box appears ("Install Complete dialog box" (page 29)).

Install Complete dialog box

- 14 Click **Done**.

—End—

Launching Enterprise Switch Manager

To start Enterprise Switch Manager in a SunOS/Solaris and Linux environment, enter the following command:

```
cd <ESM_INSTALLED_DIRECTORY> (for example, /usr/ESM/xxxx)
./ESM
```

Launching Device Manager

To access the Device Manager from the Enterprise Switch Manager, double-click a device in the topology map or select the Device Manager icon from the toolbar. Device Manager is automatically installed when you install Enterprise Switch Manager.

To start the Device Manager separately from Enterprise Switch Manager, enter the command:

```
./JDM
```

To run Enterprise Switch Manager, refer to *Using Enterprise Switch Manager* (NN47300-100).

Launching Scheduler Server from the command line

If the **Install Scheduler Server as Daemon** check box is not selected during the ESM installation process (see [step 11](#)), you can start the Scheduler Server from the command line by executing these commands:

```
cd <ESM_INSTALLED_DIRECTORY> (for example, /usr/ESM/xxxx)
cd bin
./esm_scheduler
```

Note: The Scheduler Server remains active only during your login session; if you log out, the session terminates.

Removing ESM in Windows

In a Windows environment, you can remove existing versions of ESM software by using the Uninstall Enterprise Switch Manager option that was created in the Windows Start menu during installation.

For example, to remove ESM from a Windows XP system using the default program group, choose the following option from the Windows Start menu: **Programs > Nortel > Enterprise Switch Manager > Uninstall Enterprise Switch Manager**.

If no program group was added to the Windows Start menu during installation, then complete the following steps to remove existing Enterprise Switch Manager software:

Step	Action
1	Navigate to the folder where the ESM software is installed (for example, C:/Nortel/ESM).
2	Open the UninstallerData sub-folder.
3	Run the following file: <i>Uninstall Enterprise Switch Manager.exe</i> .

—End—

Removing ESM in Solaris or Linux environments

In a Solaris or Linux environment, complete the following steps to remove the existing Enterprise Switch Manager software:

Step	Action
1	Navigate to the directory where the ESM software is installed (for example /ESM).
2	Open the UninstallerData sub-directory.
3	Run the following file: <i>Uninstall_Enterprise_Switch_Manager_<x.x></i> .

—End—

Enterprise Switch Manager (ESM)

Installing Enterprise Switch Manager

Copyright © 2005-2006, Nortel Networks
All Rights Reserved.

Publication: NN47300-300
Document status: Standard
Document version: 02.01
Document date: 6 October 2006

To provide feedback or report a problem in this document, go to www.nortel.com/documentfeedback

Sourced in Canada and the United States of America.

The information in this document is subject to change without notice. Nortel Networks reserves the right to make change in design or components as progress in engineering and manufacturing warrant.

*Nortel, Nortel Networks, the Nortel logo and the Globemark are trademarks of Nortel Networks.

