



SAS[®] 9.4 Foundation and Related Software: Installation Guide for Windows

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SAS® 9.4 Foundation and Related Software: Installation Guide for Windows

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SAS 9.4 Foundation and Related Software: Installation Guide for Windows

Audience

The information in this document can be used by a SAS system administrator or an end user to install SAS Foundation on a Windows machine.

Chapter 1

Introduction

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What is SAS Foundation and Related Software?

SAS Foundation refers to the superset of all SAS software that can be deployed with Base SAS, such as SAS/ACCESS and SAS/GRAPH. Therefore, the list of products that constitute SAS Foundation can vary between SAS software orders. In your case, SAS Foundation is the collection of SAS products that was ordered by your company for your site.

Related software consists of SAS products that are neither part of SAS Foundation nor the third-party software your order might require. Related software can be graphical user interfaces, tools, or programming environments that enable you to effectively use SAS products. SAS ODS Graphics Editor, SAS/IML Studio, and SAS Stat Studio are all examples of related software.

Basic Deployment Type

When you install SAS Foundation, you are performing a basic deployment. Unlike planned deployments, basic deployments do not require a deployment plan.

SAS Software Distribution Methods

SAS supports the following method for distributing SAS software orders:

- Electronic Software Delivery (ESD)

The SAS ESD process begins when the SAS site representative receives a SAS Order Email (SOE). The SOE provides the necessary information to electronically download the software.

With this distribution method, you build a SAS Software Depot from which you install SAS Foundation.

What Is Covered in This Document?

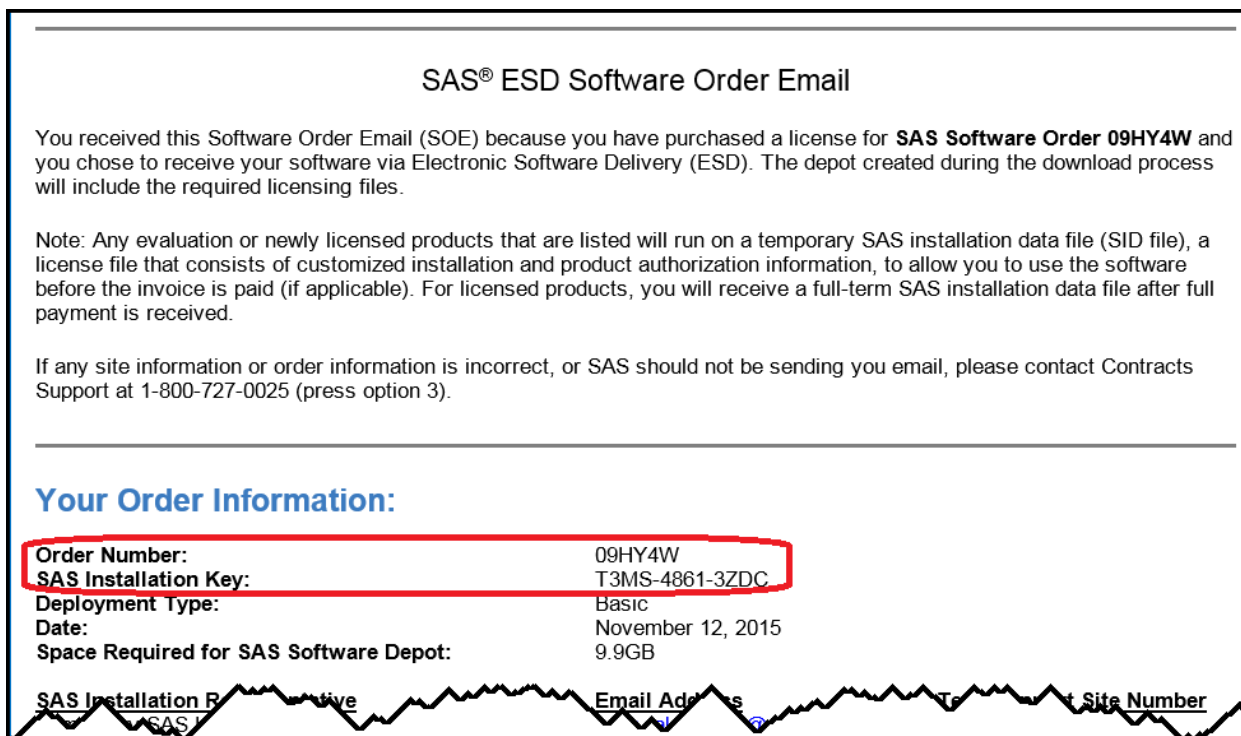
This document begins where you and your SAS representative have decided what software you need and on what machine you will install the software. It covers all of the pre-installation, installation, and configuration tasks that you must perform for a basic deployment of SAS Foundation and related software on a Windows machine.

Note: If you already have a SAS Software Depot, you can skip to [Chapter 3, “Deploying SAS Foundation,”](#) on page 23.

Software Order Email (SOE)

SAS sends an email to your site representative to provide details about your SAS software order. This email is referred to as the *software order email (SOE)*. The SOE contains two important pieces of information that are critical for deploying SAS: your SAS order number and the SAS installation key. You will need this information later in the deployment process.

Figure 1.1 Software Order Email



Overview of Deploying SAS Foundation

There are four steps required to deploy SAS Foundation:

- 1. Complete the Pre-Installation Checklist.
- 2. Create a SAS Software Depot.
- 3. Install SAS.
- 4. Validate your SAS deployment.

Step One: Complete the Pre-Installation Checklist

Before you continue, complete all of the tasks listed in the pre-installation checklist:

Table 1.1 Pre-Installation Checklist

Task	Description
<input type="checkbox"/> Make sure that your machine meets all system requirements.	<p>Review the SAS system requirement appropriate for your operating system, which are available at http://support.sas.com/resources/sysreq/index.html.</p> <p>For example, the machine from which you are downloading the SAS installation software must have the following:</p> <ul style="list-style-type: none"> • Internet access <p>Your machine must access the SAS download website to download your SAS software and hot fixes.</p> • adequate disk space <p>Just before creating a depot, the SAS Download Manager presents you with an estimate for required disk space.</p> • Supported operating system <p>To find out if your machine supports the current release, go to the Supported Operating Systems page at http://support.sas.com/supportos/list.</p>
<input type="checkbox"/> Create a SAS Installer user account on your machine.	<p>Always use the SAS Installer user (for example, myDomain\sas) to deploy SAS and to apply future hot fixes, updates, and product add-ons.</p>
<input type="checkbox"/> Add the SAS Installer user to the Windows Administrators group on your machine.	<p>Members of the Administrators group are given access to certain directories and files created by the SAS Deployment Wizard, which is the program used to install and configure SAS.</p>
<input type="checkbox"/> Locate your Software Order Email.	<p>Your “Software Order Email (SOE)” contains two pieces of important information that you need later to download your SAS software: your SAS order number and your SAS installation key.</p>

Proceed to [Chapter 2, “Creating Your SAS Software Depot,”](#) on page 5.

Chapter 2

Creating Your SAS Software Depot

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Deployment Process Overview: Step Two

This chapter describes how to acquire the SAS Download Manager and use it to download your SAS software order.

Creating your SAS Software Depot is the second of four steps in deploying SAS Foundation.

- 1. Complete the Pre-Installation Checklist.
 - ⇒ **2. Create a SAS Software Depot.**
 - 3. Install SAS.
 - 4. Validate your SAS deployment.
-

Overview of Downloading Your SAS Software Order

Before you can install SAS, you must have a SAS Software Depot to install from. A *SAS Software Depot* is a file system that consists of SAS installation files that represent one or more orders. You run SAS Download Manager to download your software order and create a SAS Software Depot. The depot is organized in a specific format that is meaningful to the SAS Deployment Wizard, which is the program that you use to install SAS.

Perform the following steps:

1. Use a web browser to download and install SAS Download Manager.

2. Run the download manager to simultaneously download your SAS order and create your SAS Software Depot.

After you create your software depot, you can use the SAS Software Depot Checker Utility to check that your SAS Software Depot is valid.

Download Your SAS Software Order and Create a Depot

To download your order and create a SAS Software Depot, follow these steps:

1. Make sure that you know your SAS order number and the SAS installation key contained in your “Software Order Email (SOE)”.

You will be asked for this information later.

2. Make sure that you have completed the [Pre-Installation Checklist on page 3](#).

Note: If you plan to move your SAS software order to another machine running a different operating system after you download it, please read the following SAS Note available at <http://support.sas.com/kb/38/258.html>.

3. As the SAS Installer user (for example, myDomain\sas), log on to the machine on which you want to install SAS.
4. Open a web browser and point it to <http://support.sas.com/downloadmgr>.

You are directed to the Downloads page.



5. If you are not already logged on to the website, do so now by clicking **Log in**. (If you are logged on, skip to step 7.)

The SAS Login page is displayed.

Already Have a Profile?

Email:

Password:

Keep me logged in

Login

[Forgot Password?](#)

[Need Help?](#)

[Chat Unavailable](#)

6. Enter your email address and password, and click **Login**.
You are returned to the Downloads page.

[All Downloads](#)

Downloads

SAS Download Manager

Version / Release	A - Z	Release Date
• SAS 9		
• SAS Download Manager <i>Release 1.82 - May 2017 Windows, UNIX, Mac, z/OS</i>		

7. Select **SAS Download Manager**.
The SAS Download Manager window is displayed.

SAS Download Manager						
Platform	Description	Request Download	Size	Uncompressed	Release Date	ReadME
64-bit enabled AIX	SAS Download Manager	esdclient_94480_r64_xx_web_1	117MB	538MB	2017-05	pdf txt
64-bit enabled Solaris	SAS Download Manager	esdclient_94480_s64_xx_web_1	89MB	538MB	2017-05	pdf txt
HP-UX IPF	SAS Download Manager	esdclient_94480_h6i_xx_web_1	109MB	538MB	2017-05	pdf txt
Linux for x64	SAS Download Manager	esdclient_94480_lax_xx_web_1	68MB	538MB	2017-05	pdf txt
Macintosh	SAS Download Manager	esdclient_94480_mac_xx_web_1.dmg	15MB	538MB	2017-05	pdf txt
Microsoft® Windows® for x64	SAS Download Manager	esdclient_94480_wx6_xx_web_1.exe	43MB	538MB	2017-05	pdf txt
Solaris for x64	SAS Download Manager	esdclient_94480_sax_xx_web_1	83MB	538MB	2017-05	pdf txt
Windows	SAS Download Manager	esdclient_94480_win_xx_web_1.exe	43MB	538MB	2017-05	pdf txt
z/OS	SAS Download Manager	esdclient_94480_mvs_xx_web_1.zos	17MB	538MB	2017-05	pdf txt

8. Click the **Request Download** link that is appropriate for your operating system. The SAS License Agreement for Download window is displayed.

SAS License Agreement for Download

SAS Institute Inc.

License Agreement for Corrective Code or Additional Functionality

PLEASE CAREFULLY READ THE TERMS AND CONDITIONS OF THIS LICENSE AGREEMENT ("AGREEMENT"). BY ACCEPTING THIS AGREEMENT AND/OR USING THE CODE, AS DEFINED BELOW, YOU, ON BEHALF OF CUSTOMER, AS DEFINED BELOW, ARE AGREEING TO THESE TERMS AND SAS, AS DEFINED BELOW, WILL AUTHORIZE YOU TO DOWNLOAD THE CODE. YOU REPRESENT AND WARRANT THAT YOU HAVE FULL AUTHORITY TO BIND CUSTOMER TO THIS AGREEMENT. IF YOU DO NOT AGREE TO ALL OF THE TERMS OF THIS AGREEMENT, DO NOT ACCEPT THIS AGREEMENT OR ATTEMPT TO DOWNLOAD THE CODE.

You are downloading software code ("Code") which will become part of a software product ("Software") that is currently licensed from SAS Institute Inc. or one of its subsidiaries ("SAS") under a separate software license agreement ("Software License Agreement"). The legal entity that entered into the Software License Agreement with SAS is defined as "Customer." The Code is designed either to correct an error in the Software or to add functionality to the Software. The Code is governed by the Software License Agreement and this Agreement. If you are not an authorized user under the Software License Agreement, you may not download the Code.

In addition to the terms of the Software License Agreement, the following terms apply to the Code:

EXPORT/IMPORT RESTRICTIONS. SAS hereby notifies Customer that the Code is of United States of America ("United States") origin and United States export laws and regulations apply to the Code. Both SAS and Customer agree to comply with these and other applicable export and import laws and regulations. Customer's compliance

9. Review the license agreement and click **Accept**.

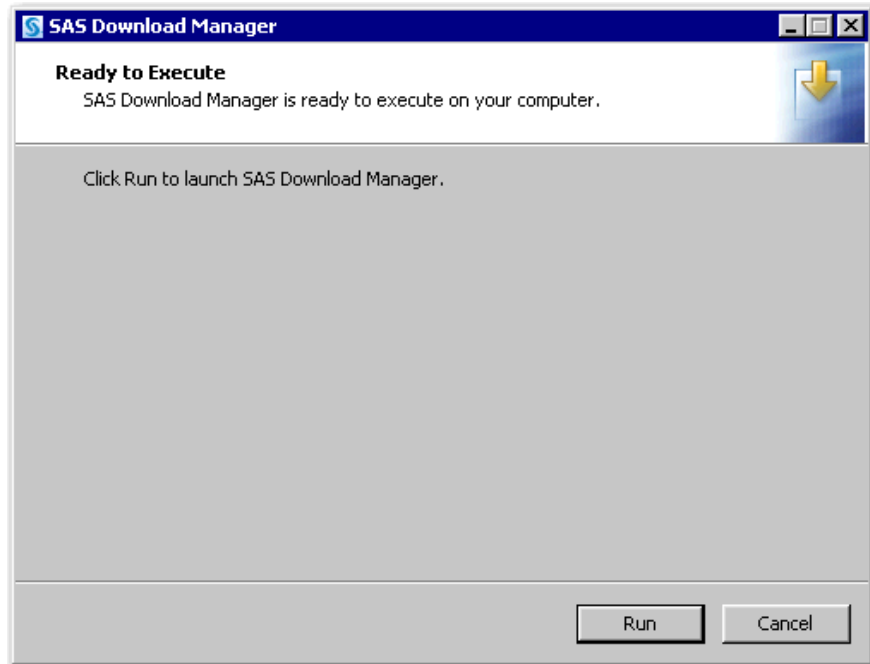
Your web browser should prompt you to either run or save the download file.

For example, in Internet Explorer you see an alert box similar to the following:



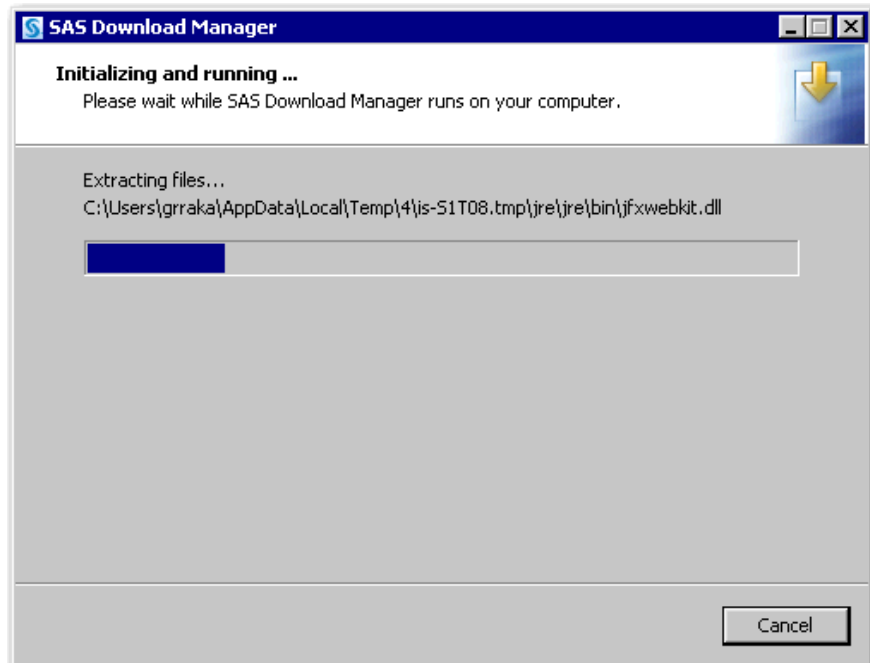
10. Click **Run**.

The download manager Ready to Execute window is displayed.

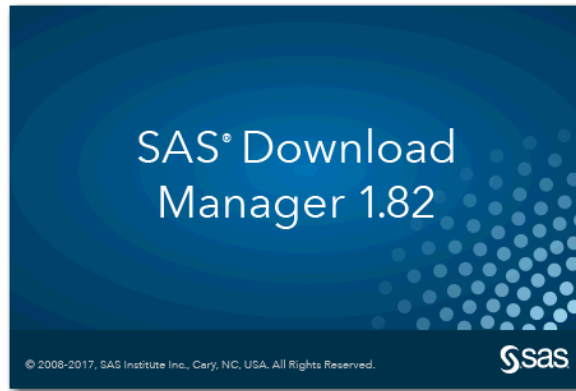


11. Click **Run**.

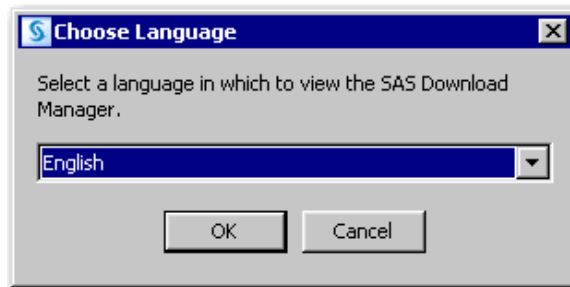
The Initializing and Running window is displayed.



The download manager splash screen is displayed.

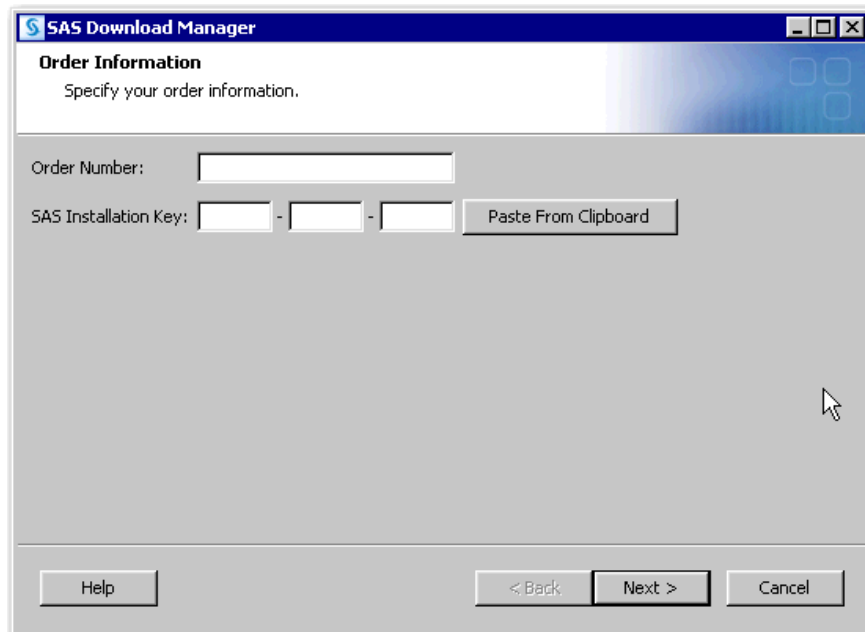


The Choose Language dialog box is displayed.



12. Select the language that you want the download manager to use when it displays text, and click **OK**.

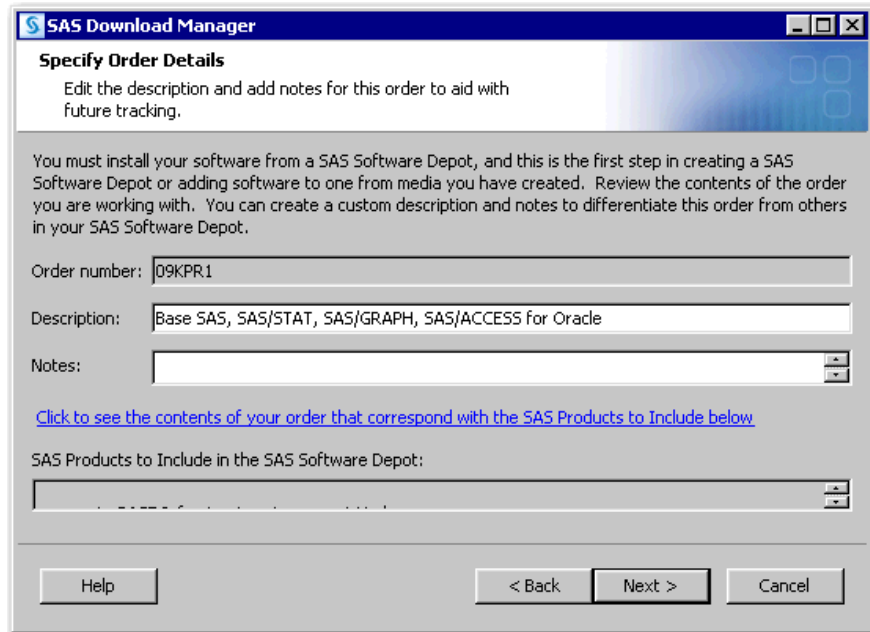
The Order Information window is displayed.



13. Referring to your SAS order email, enter your SAS order number and SAS installation key and click **Next**.

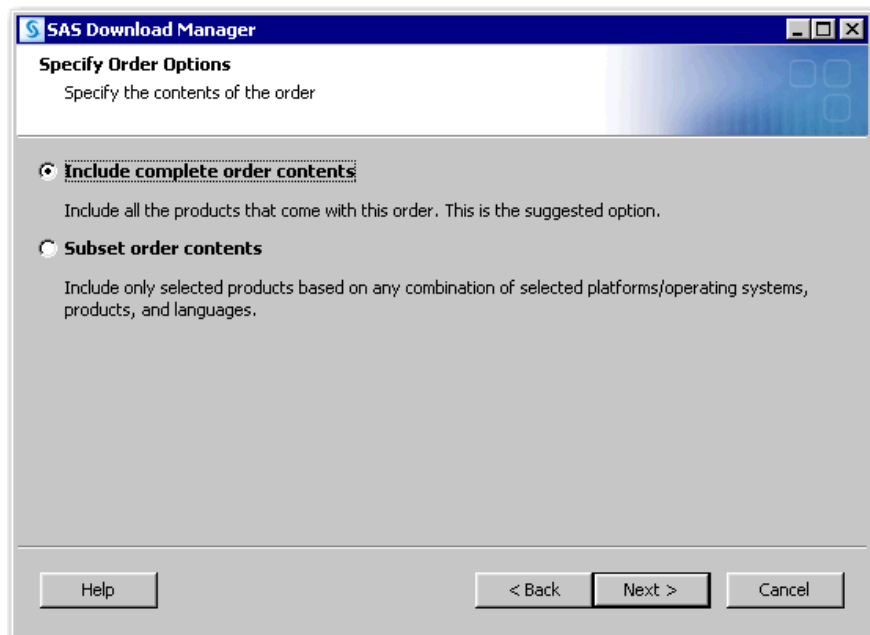
TIP To speed up entry, simultaneously highlight and copy both the order number and the SAS installation key from your SAS order email, and click **Paste from Clipboard**.

The Specify Order Details window is displayed.



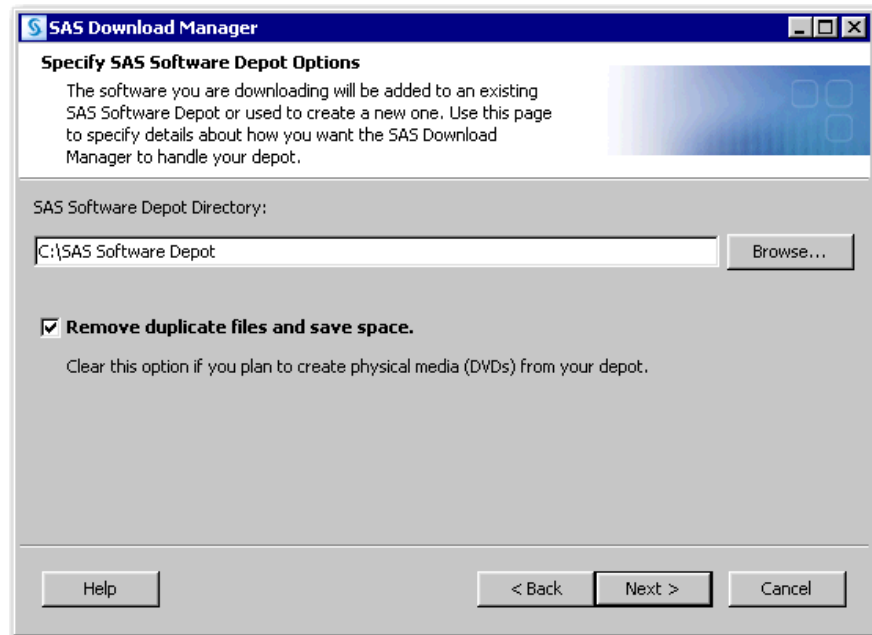
14. Return to the Specify Order Details window of the download manager and click **Next**.

The Specify Order Options window is displayed.



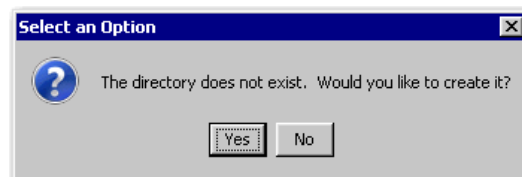
15. Make sure that **Include complete order contents** is selected and click **Next**.

The Specify SAS Software Depot Options window is displayed.

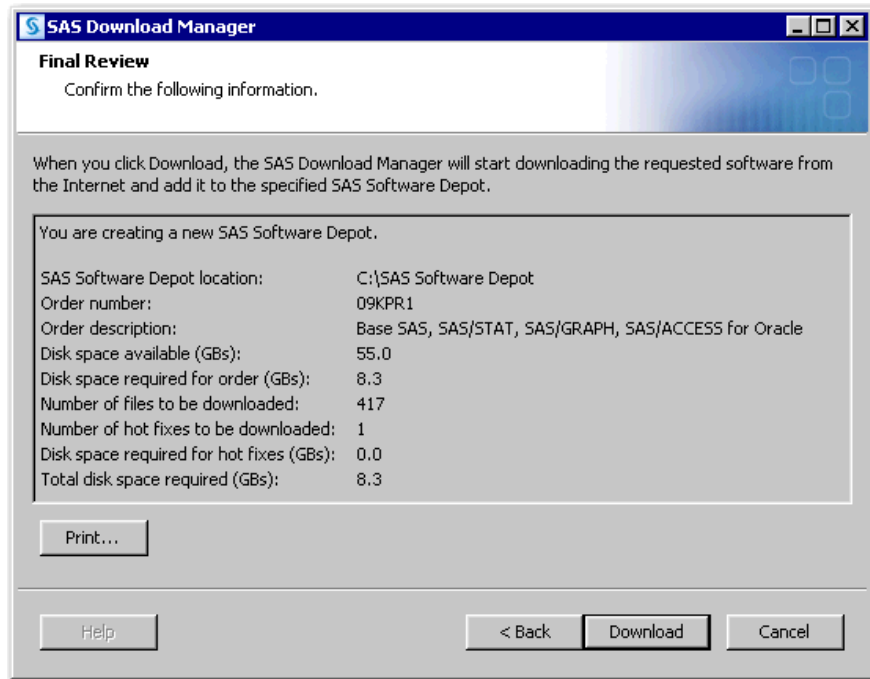


16. Enter the location where you want to download your SAS Software Depot (for example, **C:\SAS Software Depot**). Click **Next**.

If you have not yet created the SAS Software Depot directory, the Select an Option dialog box is displayed.



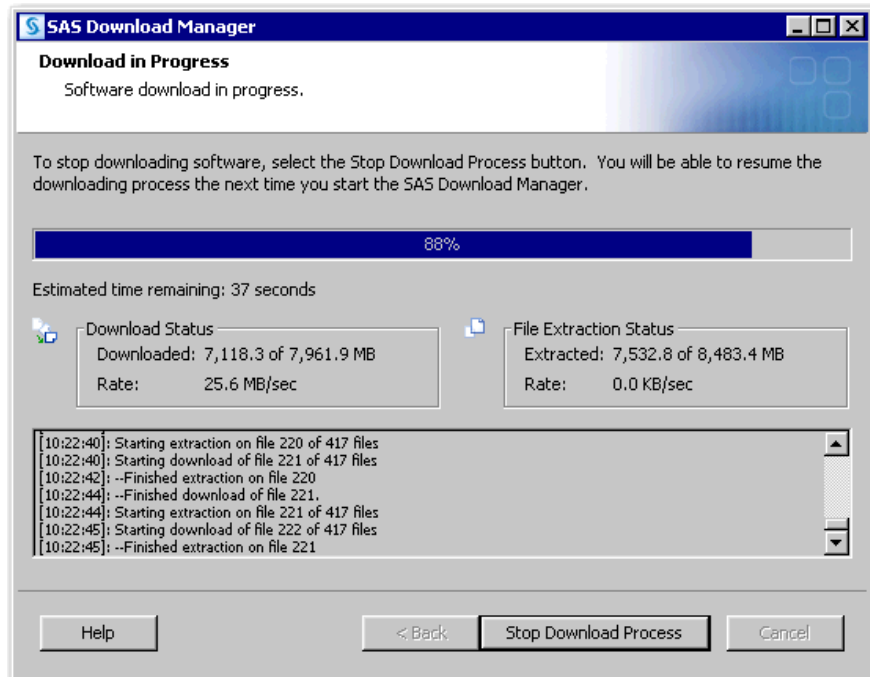
Click **Yes** for the download manager to create the directory automatically for you. The Final Review window is displayed.



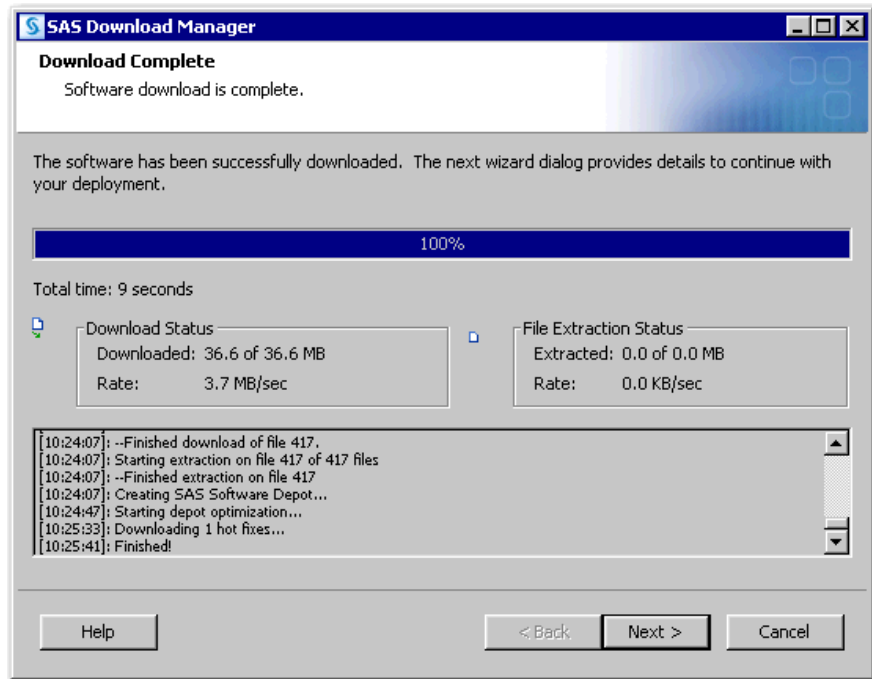
17. Review the information displayed in the window. If you want to change any earlier choices that you made, click **Back**.

When you are ready to start your download, click **Download**.

The Download in Progress window is displayed with the estimated time it takes to complete the software download.

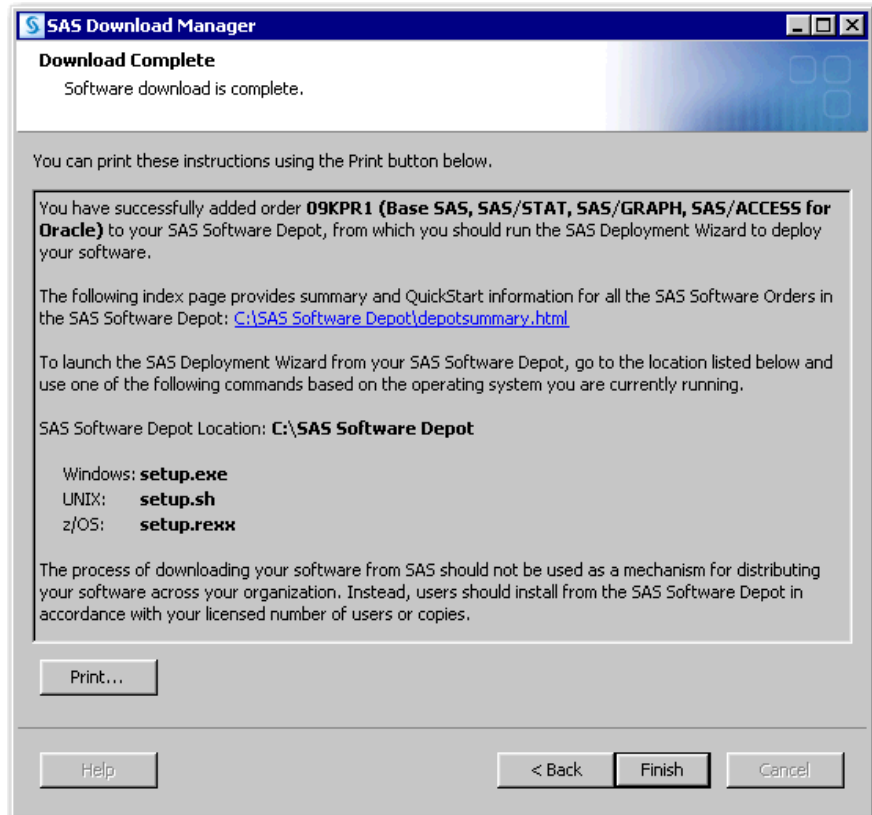


Wait until the Download Complete window is displayed.



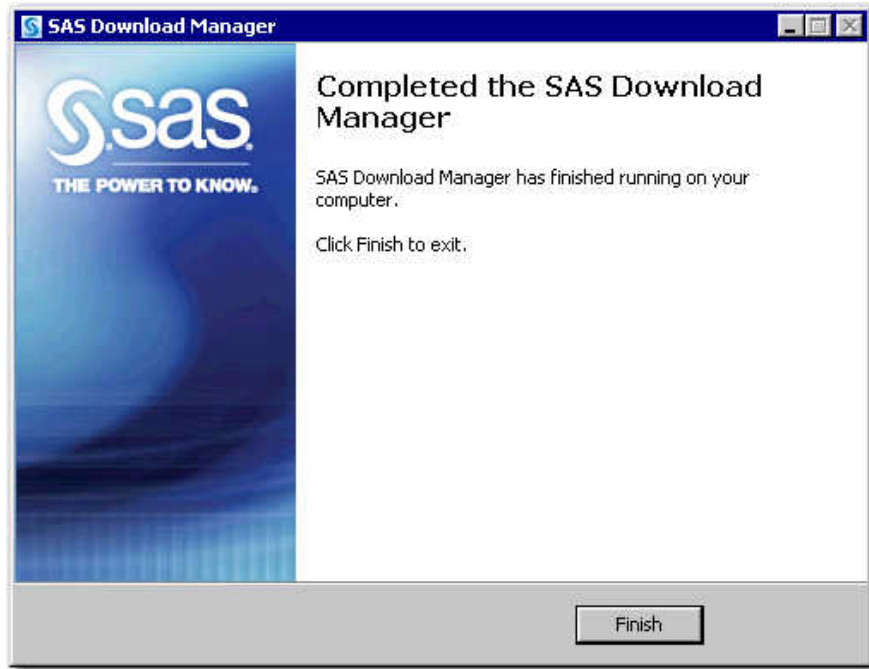
18. Click **Next**.

A second Download Complete window appears. It contains the details of the download.



19. Click **Finish**.

The Completed the SAS Download Manager window is displayed.



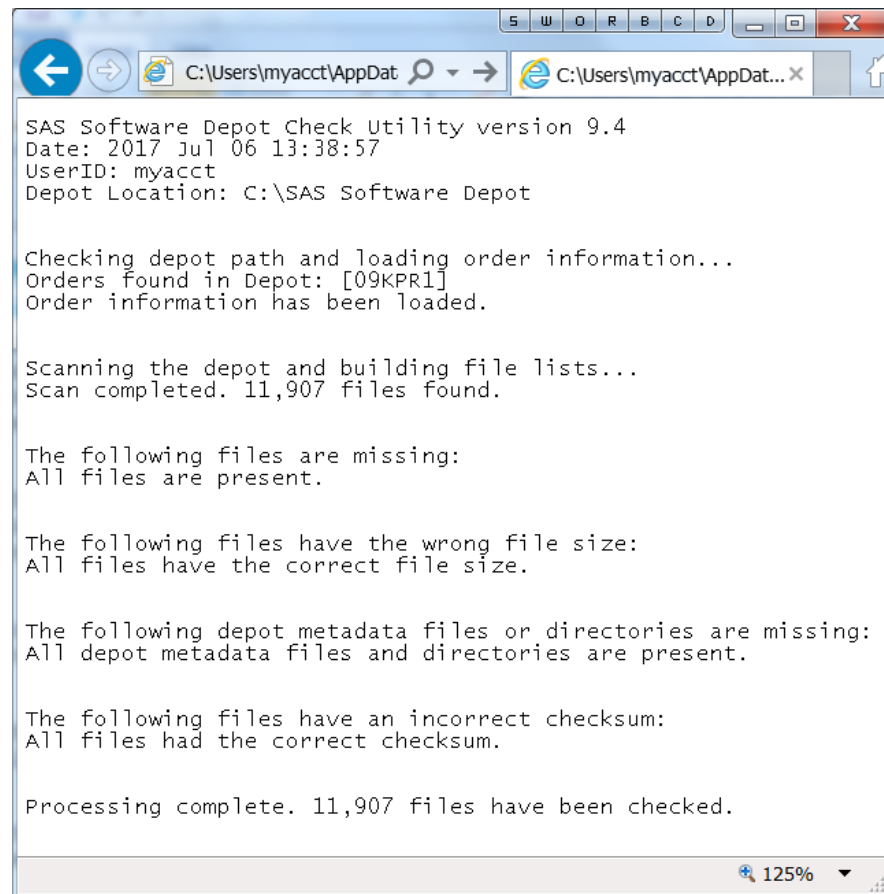
20. Click **Finish**.
21. If you want to verify the integrity of your SAS Software Depot, proceed to [“Checking Your SAS Software Depot”](#) on page 15.

Checking Your SAS Software Depot

Overview of Checking Your SAS Software Depot

The SAS Software Depot Checker Utility can verify the integrity of your SAS Software Depot. It scans your depot and identifies any missing files. For each file that it finds, the depot checker attempts to validate its size, checksum, and date-and-time stamp.

The depot checker attempts to fix any problems that it encounters and lists the results of its various validation tests. You can print the results or view them in a web browser.

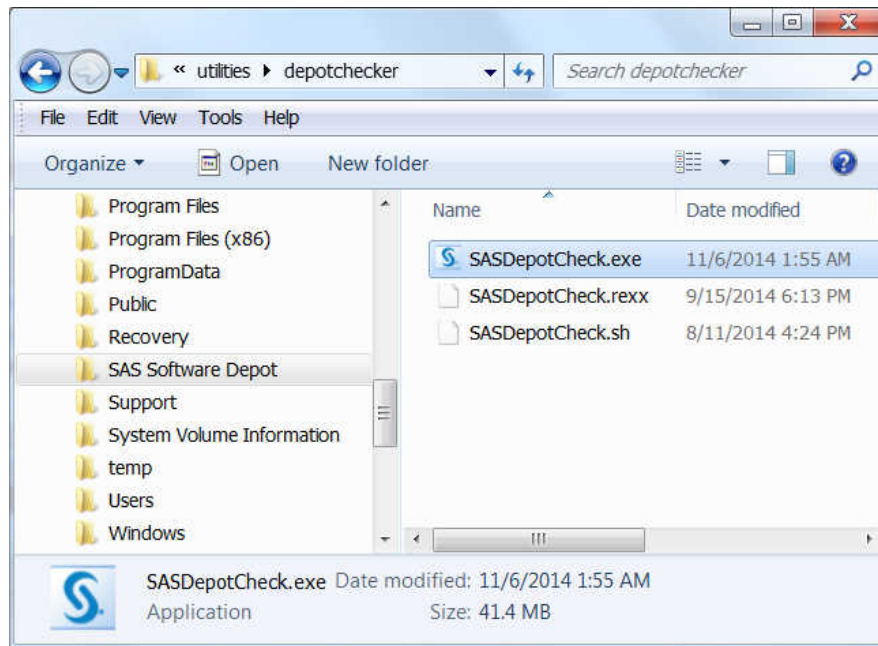
Figure 2.1 Depot Checker Results Displayed in a Web Browser

Check Your SAS Software Depot

To run the SAS Software Depot Checker Utility:

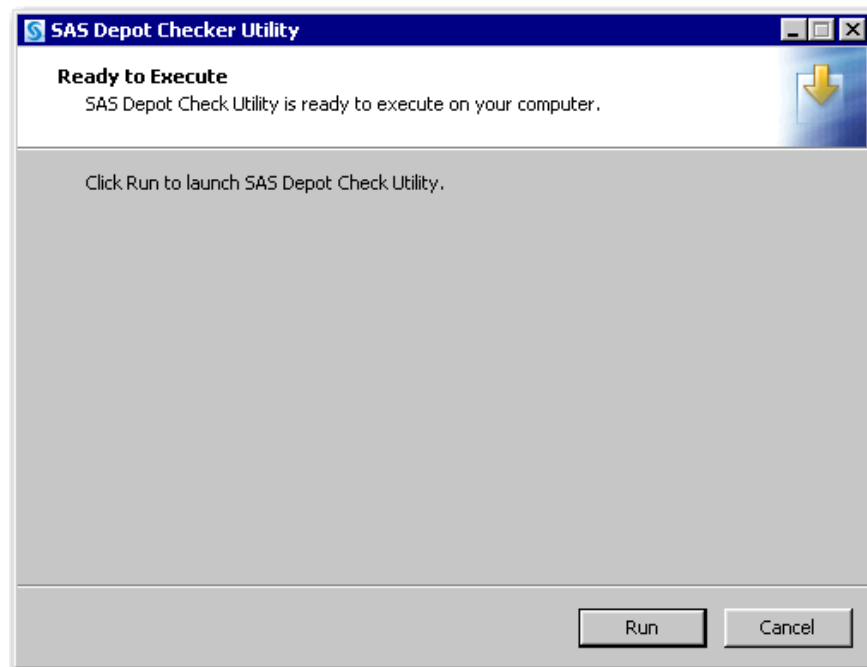
Note: It is recommended that you use the same user account with which the SAS Software Depot was created to run the SAS Software Depot Checker Utility.

1. Using Windows Explorer, navigate to the **utilities\depotchecker** directory in your SAS Software Depot.



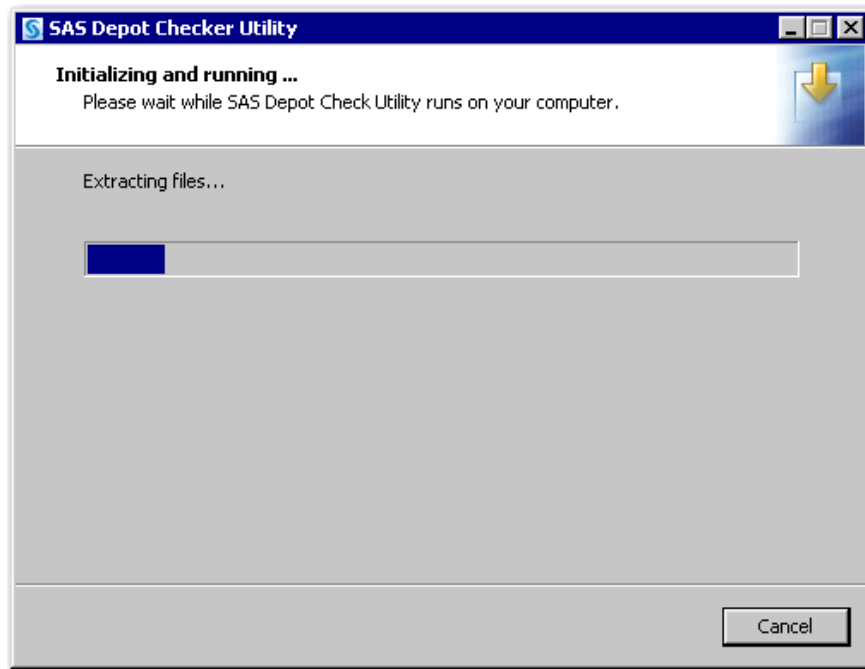
2. Double-click **SASDepotCheck** (or **SASDepotCheck.exe**).

The Ready to Execute window is displayed.

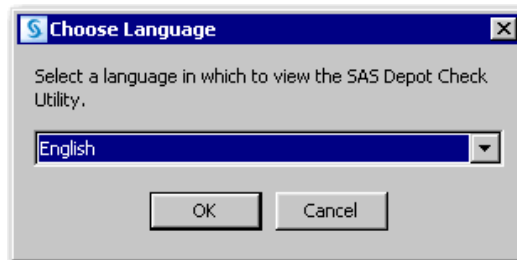


3. Click **Run**.

The Initializing and Running window is displayed.

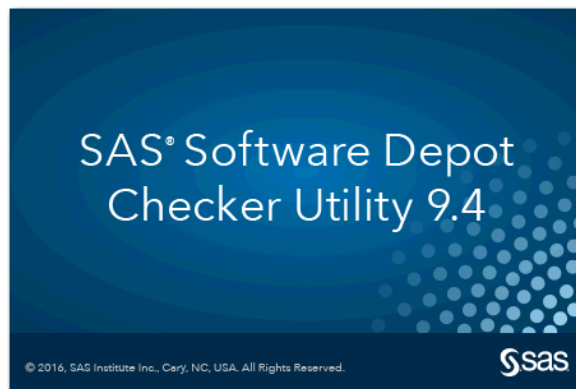


When the depot check utility is ready, the Choose Language dialog box is displayed.

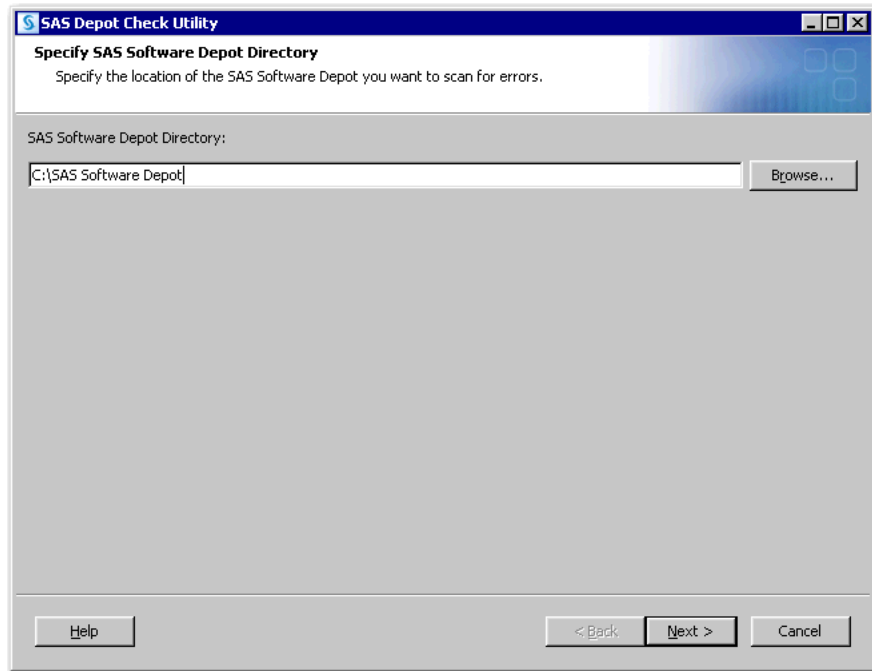


4. From the drop-down list, select the language that you want the depot checker to use when it displays text, and click **OK**.

You should see a welcome page similar to the following:

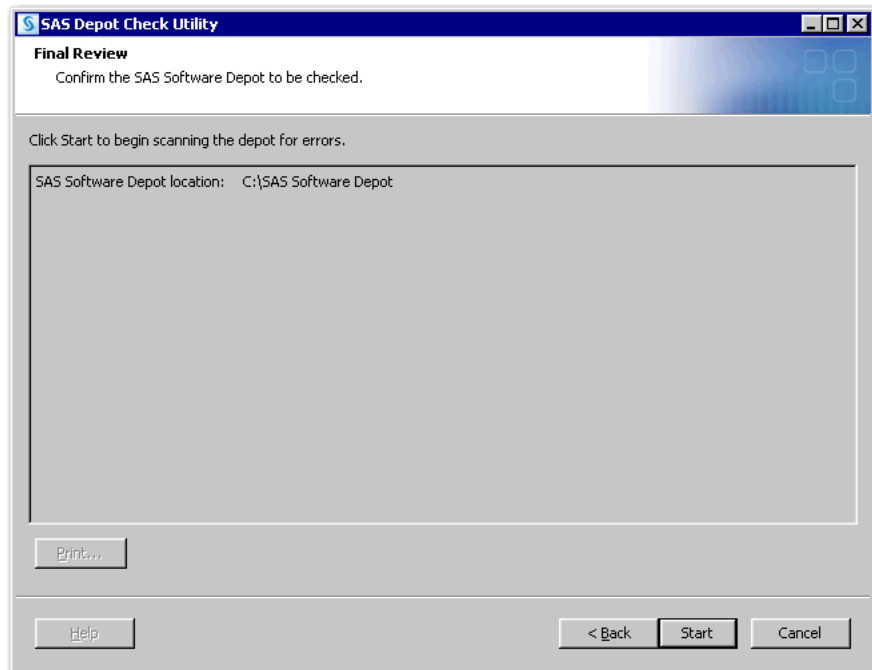


The Specify SAS Software Depot Directory window is displayed.



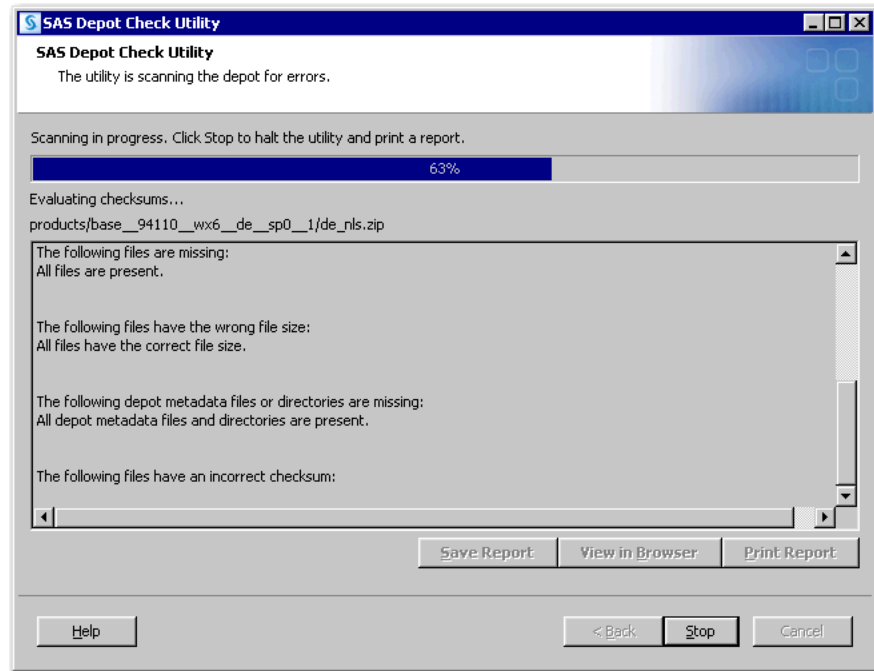
5. Make sure that the correct path to your depot is displayed in **SAS Software Depot Directory** and click **Next**.

The Final Review window is displayed.

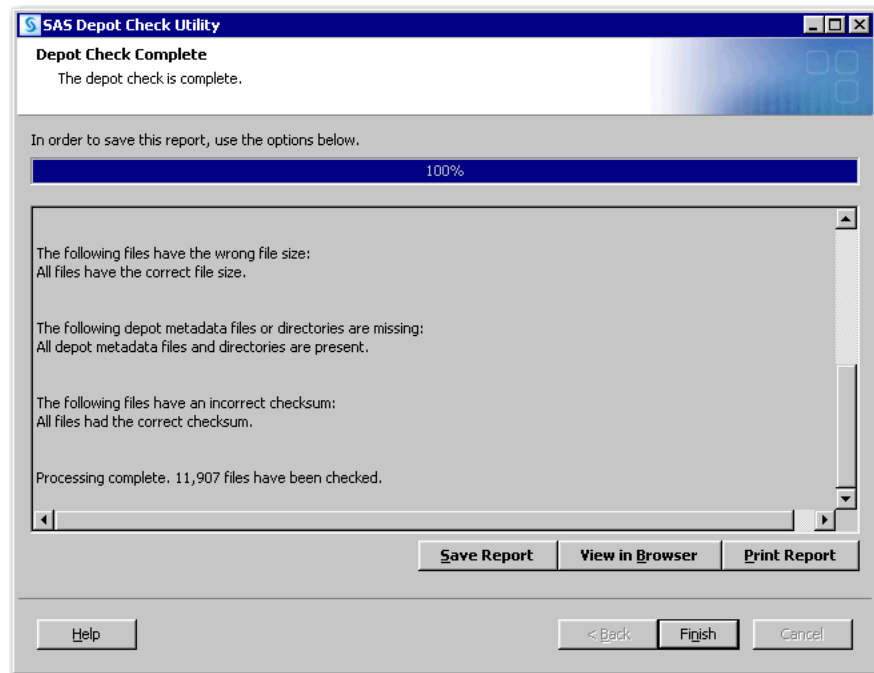


6. On the Final Review window, click **Start**.

The depot checker begins scanning your depot. The time required to complete the scan depends on the size of your depot.

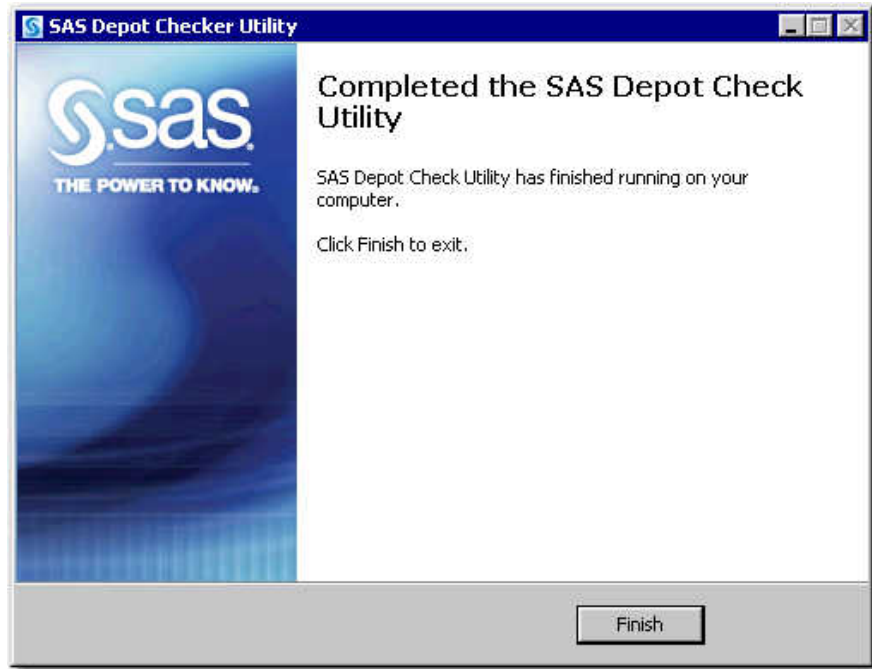


When the scan is complete, you see the Depot Check Complete window that is similar to the following:



7. Select one of the following options and then click **Finish**:
 - **Save Report** writes the results of the depot checker scan to a text file.
 - **View in Browser** launches a web browser and displays the results of the depot checker scan.
 - **Print Report** prints the results of the depot checker scan.

The Completed the SAS Depot Check Utility window is displayed.



8. Click **Finish**.
9. Proceed to [Chapter 3, "Deploying SAS Foundation,"](#) on page 23.

Chapter 3

Deploying SAS Foundation

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Deployment Process Overview: Step Three

This chapter describes how to use the SAS Deployment Wizard to install and initially configure SAS.

Installing SAS is the third of four steps in deploying SAS Foundation.

- 1. Complete the Pre-Installation Checklist.
- 2. Create a SAS Software Depot.
- ⇒ **3. Install SAS.**
- 4. Validate your SAS deployment.

Deploying SAS Foundation

Before You Begin

Before you begin installing the SAS Foundation software, be sure to do the following:

- Close all SAS applications and stop all SAS services that are running on the machine.

Because the SAS Download Manager and the SAS Deployment Wizard write to many of the same files, they cannot run at the same time.
- Make sure that the computer is connected to a reliable power source. Do not rely on battery power during this process.

Install and Configure SAS

You install SAS by running the SAS Deployment Wizard.

To install SAS:

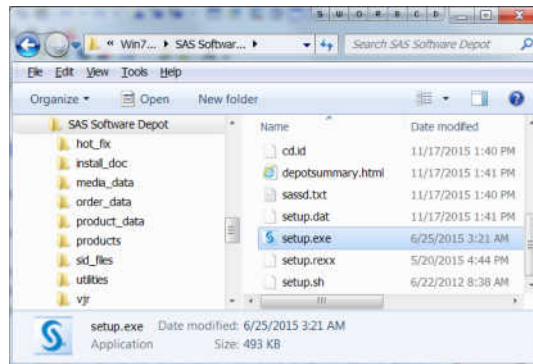
1. Make sure that you have completed the [Pre-Installation Checklist](#) on page 3.

Note: If you plan to move your SAS software order to another machine running a different operating system after you download it, please read the following SAS Note available at <http://support.sas.com/kb/38/258.html>.

2. Sign in to your machine as the SAS Installer user (for example, myDomain\sas).

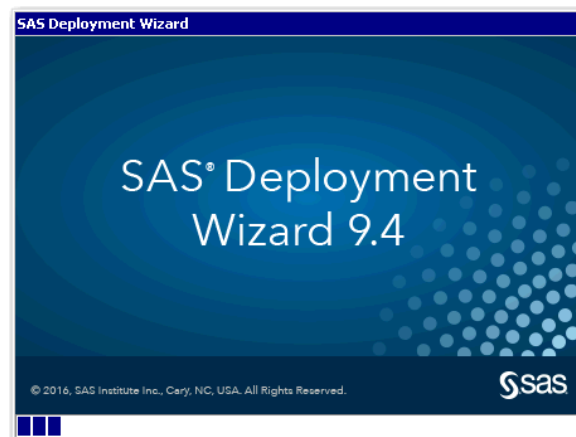
This user ID can be your regular account, but you must use this same account in the future in order to add, modify, or remove SAS software.

3. Using Windows Explorer, navigate to your SAS Software Depot directory (for example, **C:\SAS Software Depot**).

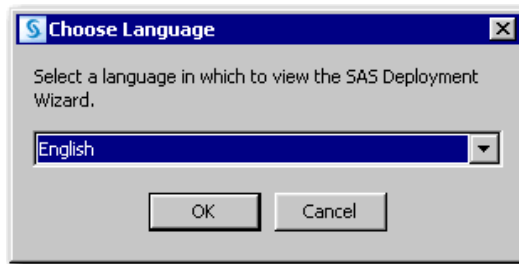


4. Double-click **setup** (or **setup.exe**).

The deployment wizard splash screen is displayed with a progress indicator.



The Choose Language dialog box is displayed.

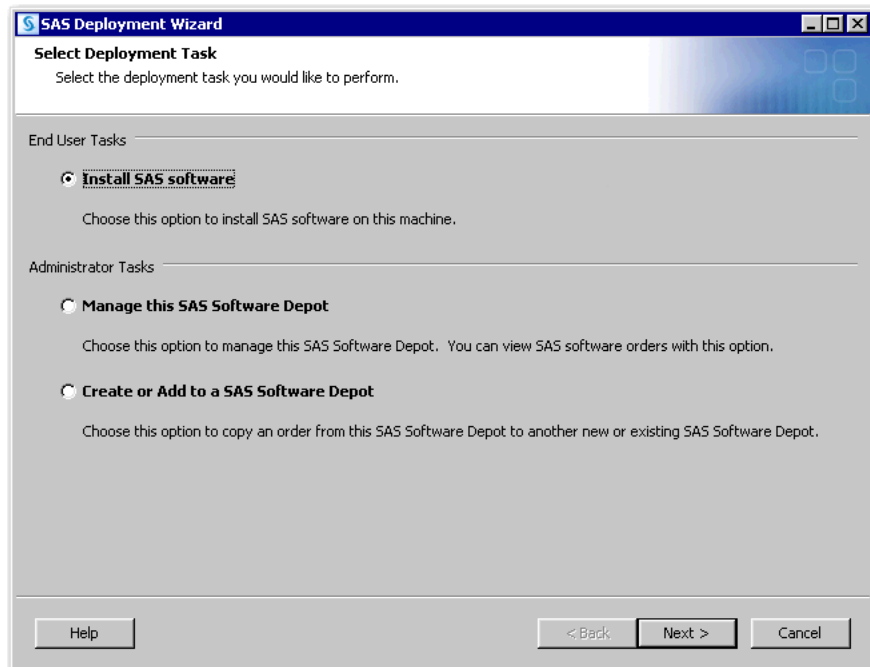


5. Select the language that you want the SAS Deployment Wizard to use when it displays text, and click **OK**.

A second instance of the deployment wizard splash screen is displayed.

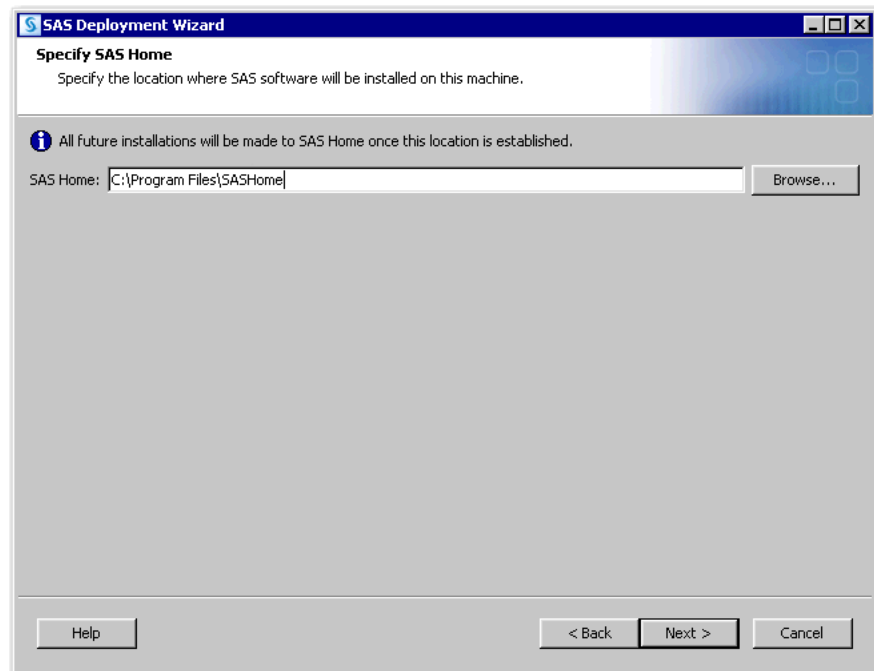


Next, the Select Deployment Task page is displayed.



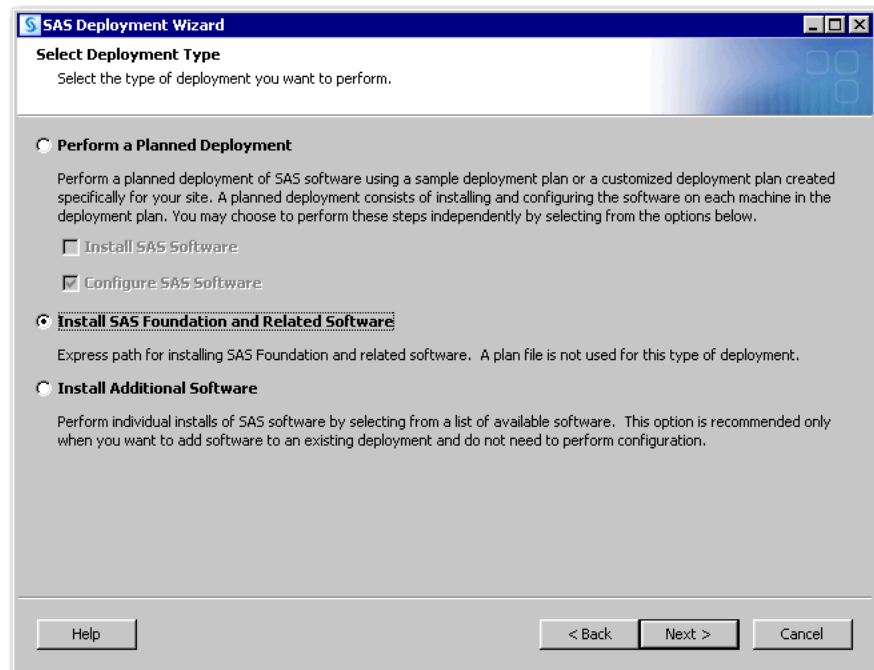
6. Make sure that **Install SAS software** is selected, and click **Next**.

The Specify SAS Home page is displayed.



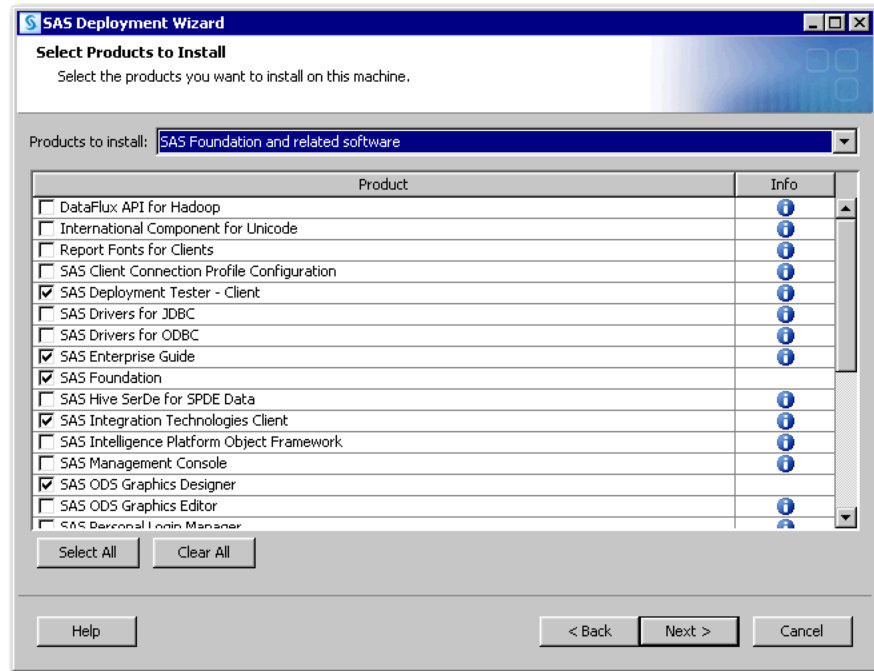
7. Enter the path where you want the deployment wizard to install SAS (for example, **C:\Program Files\SASHome**). Click **Next**.

The Select Deployment Type page is displayed.



8. Make sure that **Install SAS Foundation and Related Software** is selected, and click **Next**.

The Select Products to Install page is displayed.

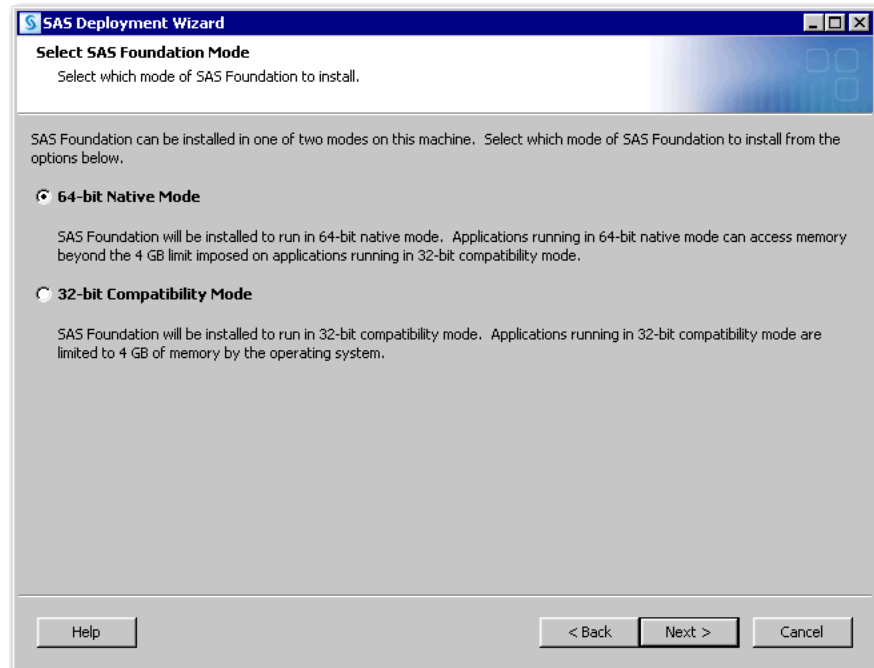


TIP We recommend that you do not change the default settings on this page.

9. Click **Next**.

The Select SAS Foundation Mode page is displayed.

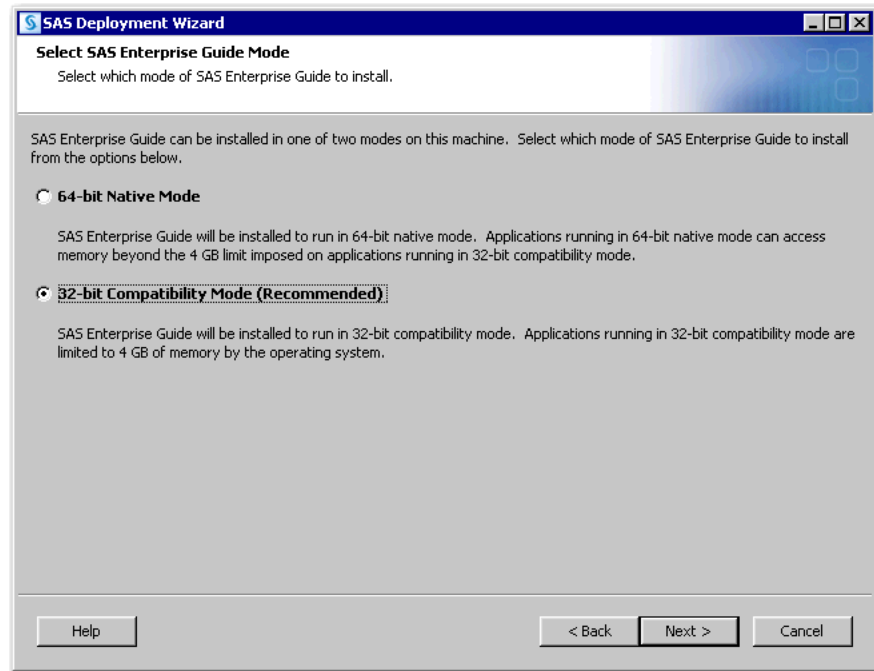
Note: Depending on the specifics of your SAS order, you might not see the Select SAS Foundation Mode page. If this is the case, skip to [Step 10](#).



Note: Select **64-bit Native Mode**, to take full advantage of your 64-bit machine and the additional functionality provided by SAS Viya.

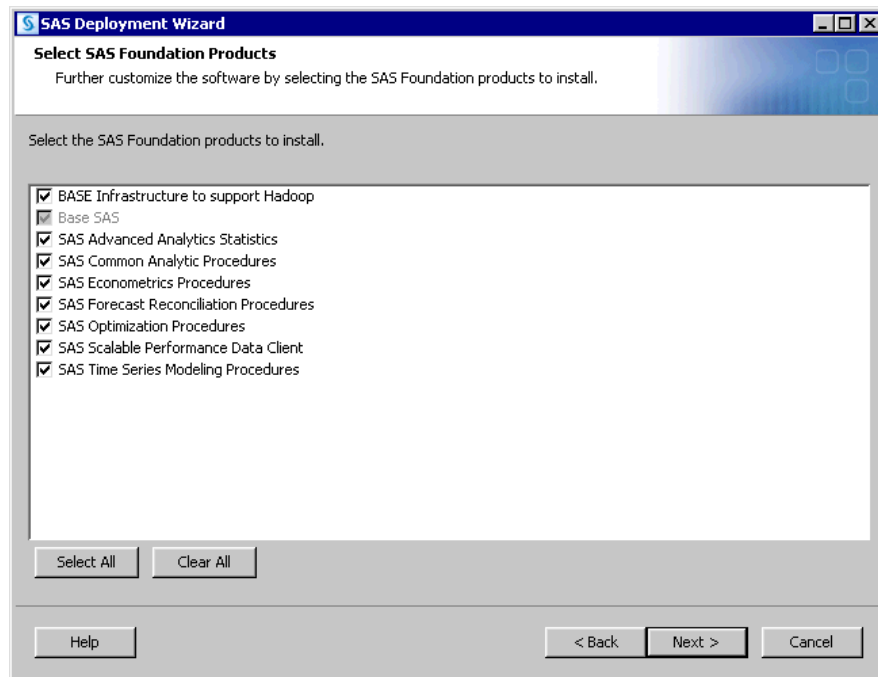
10. Select the appropriate mode, and click **Next**.

The Select SAS Enterprise Guide Mode page is displayed.



11. We recommend that **32-bit Compatibility Mode** is selected. Click **Next**.

The Select SAS Foundation Products page is displayed.

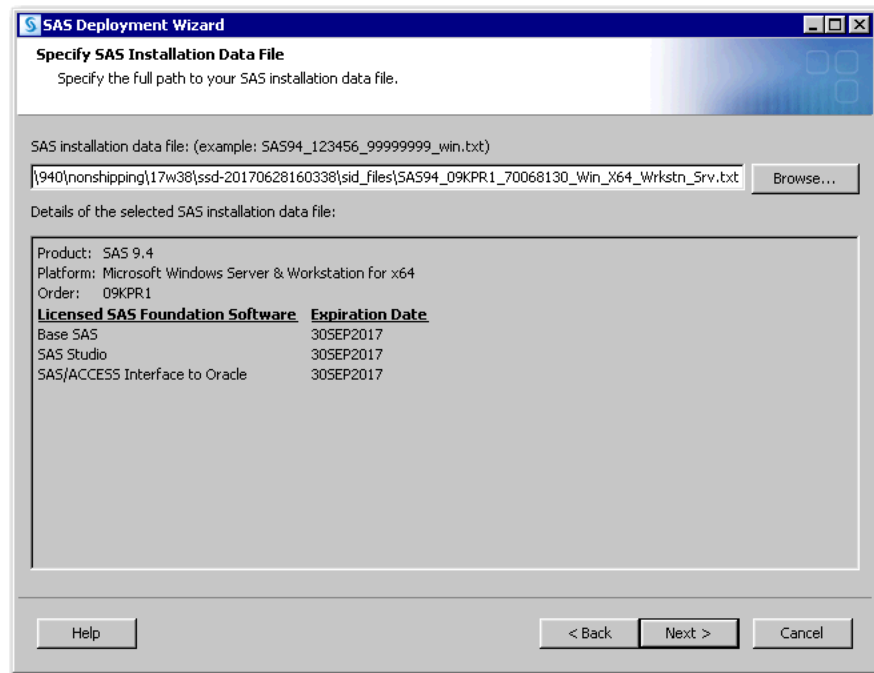


TIP We recommend that you do not change the default settings on this page.

Note: Included in your SAS 9.4 M5 order are procedures that enable you to take advantage of additional functionality that is provided by SAS Viya. In order to use these procedures, you must have a SAS Viya license.

12. Click **Next**.

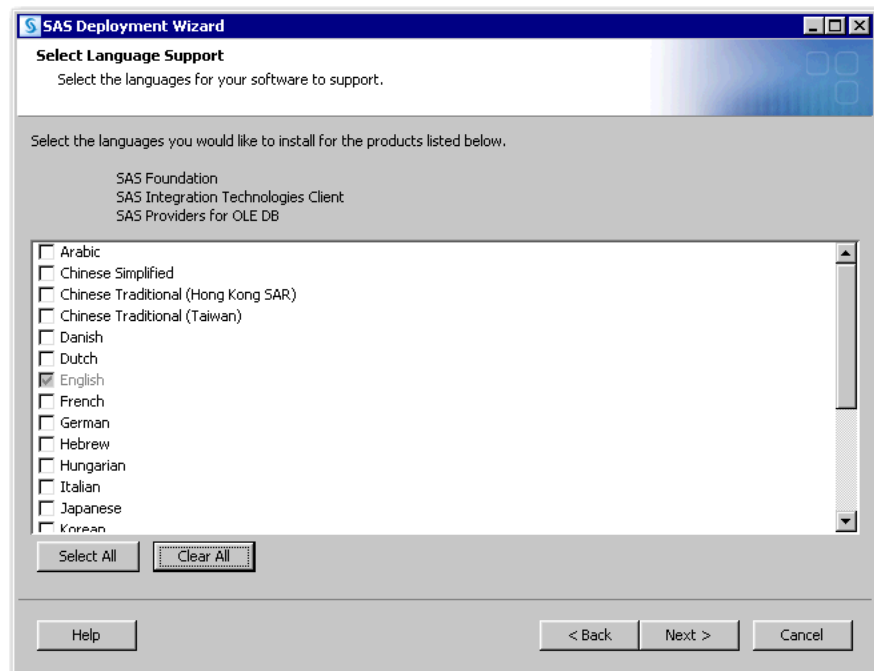
The Specify SAS Installation Data File page is displayed.



13. If your order has more than one SAS Installation Data (SID) file, be sure to select the SID file that includes the SAS Foundation products that you want to install.

Click **Next**.

The Select Language Support page is displayed.



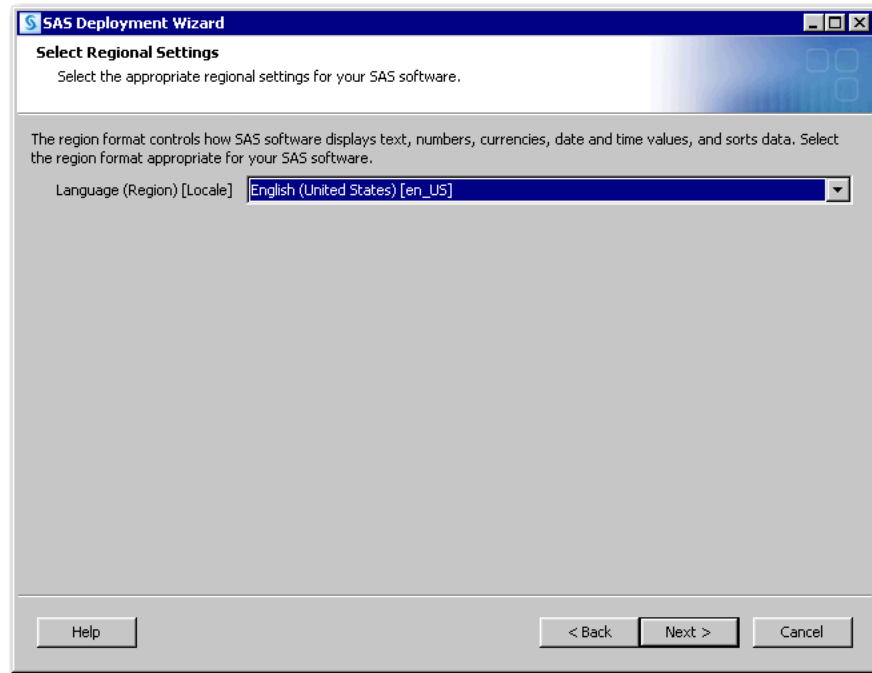
14. Select one or more languages for your SAS software to support:

- a. Click **Clear All**. (English remains selected as the default language.)
- b. Add one or more languages that you want your SAS software to support.

By default, SAS attempts to support all languages for which your machine's operating system is configured.

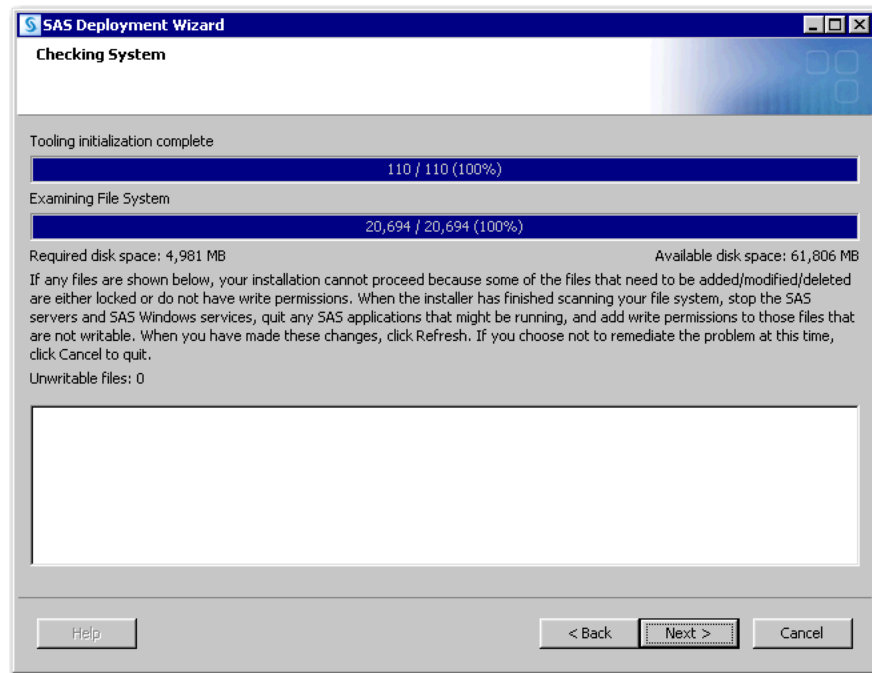
c. Click **Next**.

The Select Regional Settings page is displayed.



15. Select the language, region, and locale setting that affect how SAS displays text, numbers, currencies, dates, and times and how SAS sorts data. Then click **Next**.

The Checking System page is displayed while the deployment wizard scans your machine for any pre-existing SAS files that are locked or that do not have Write permission.



16. When the scan is complete, take the appropriate action:
 - a. if no action is required, click **Next** and go to [Step 17](#).

- b. If the wizard lists any files in the text box then while the wizard is running, stop all programs that are listed, including all SAS processes and services.

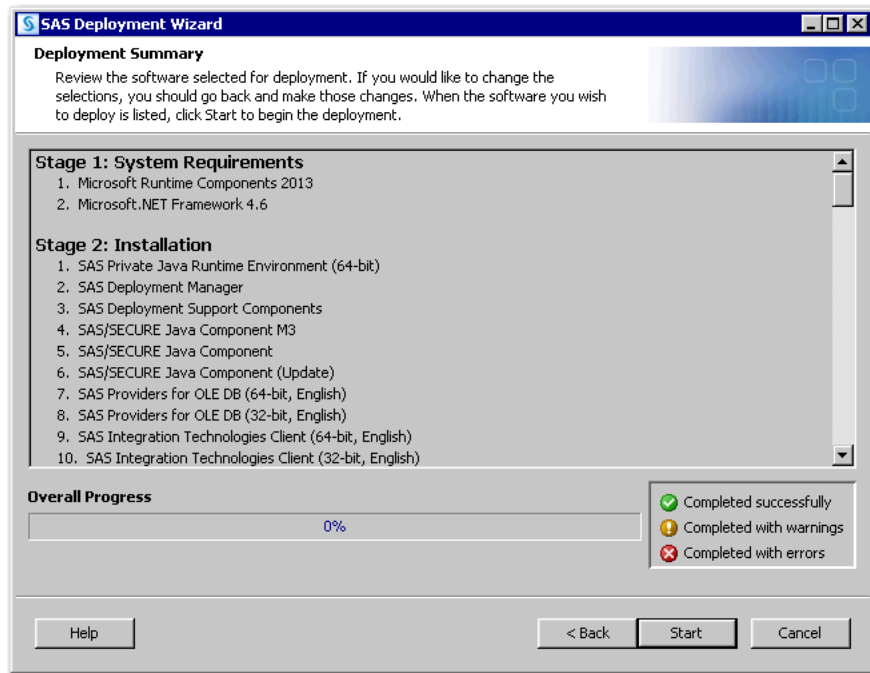
Perform one of these actions:

- Add Write permission to the files listed.
 - Clear the lock on any affected files.
- c. Return to the deployment wizard and click **Refresh**.

The deployment wizard checks your system again.

- d. When the check is finished, click **Next**.

The Deployment Summary page is displayed.



17. Review the summary of software that the deployment wizard will install and configure.

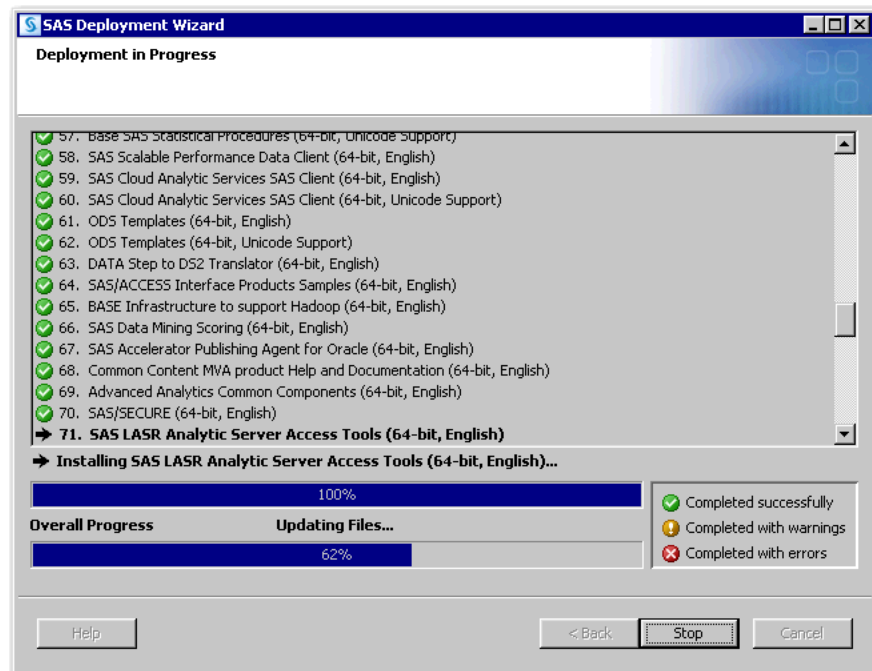
Note: This is your final opportunity to change any information that you provided in previous pages before the wizard begins installing the SAS product.

Select the appropriate option:

- Click **Back** to navigate to earlier wizard pages to change installation information previously entered.
- Click **Start** to begin installing SAS files to the current machine. The deployment wizard launches the installation and provides an ongoing progress report.
- Click **Cancel** to terminate the wizard session.

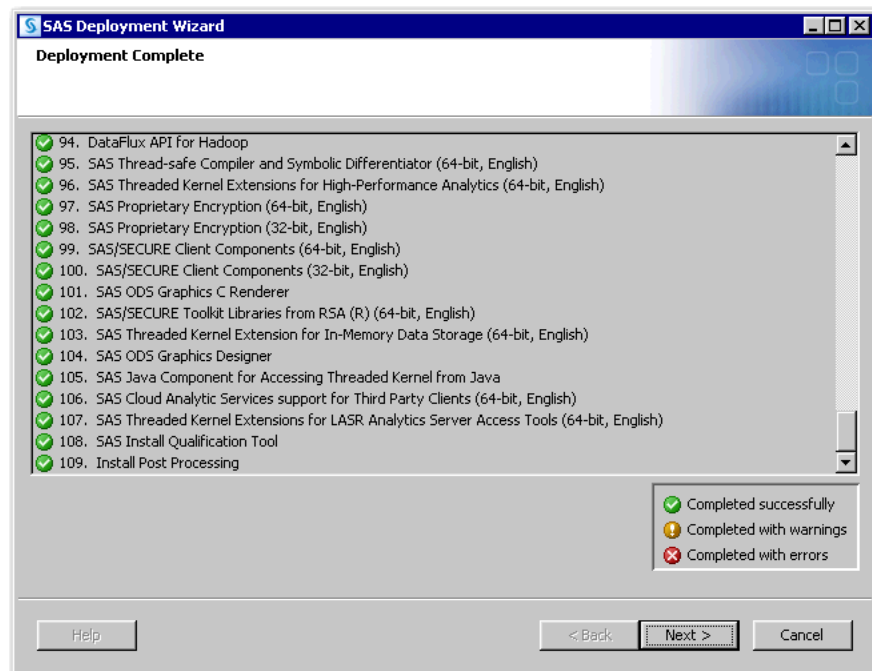
Note: Previously entered installation information is lost.

The Deployment in Progress page is displayed.



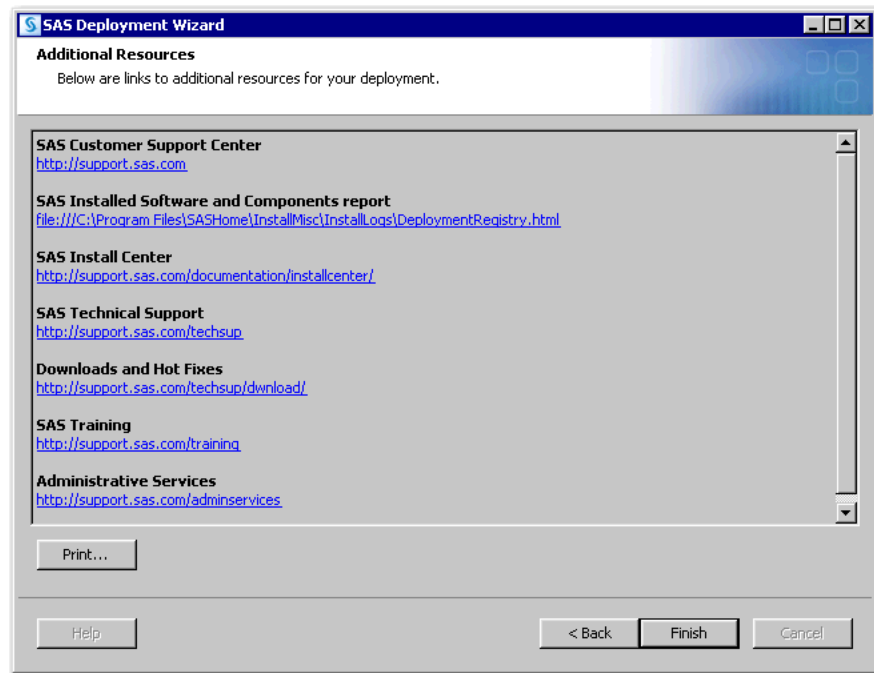
When the deployment wizard has finished installing SAS, the Deployment Complete page is displayed.

- Green check marks next to every item on this page indicate that your installation completed successfully.
- If you received errors during your installation, review “[Opening a SAS Technical Support Track](#)” on page 37.



18. Click **Next**.

The Additional Resources page is displayed.



Use the links displayed to review more information about your SAS deployment.

19. Click **Finish** to close the SAS Deployment Wizard.
20. Go to [Chapter 4, “Validating Your SAS Foundation Deployment,”](#) on page 35.

Chapter 4

Validating Your SAS Foundation Deployment

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Overview of Validating Your SAS Foundation Deployment	35
Run SAS Programs to Test Your Deployment	36

Deployment Process Overview: Step Four

This chapter describes how to make sure that your SAS deployment is properly installed and configured.

Validating your deployment is the final step in deploying SAS Foundation.

- 1. Complete the Pre-Installation Checklist.
- 2. Create a SAS Software Depot.
- 3. Install SAS.
- ⇒ 4. **Validate your SAS deployment.**

Overview of Validating Your SAS Foundation Deployment

This section provides several tasks that you can perform to ensure that SAS is properly installed and configured:

- Run two SAS programs to test your deployment.
- Run the JAVAINFO procedure.
- View your deployment registry report to see an inventory of what has been deployed on your machine.

Run SAS Programs to Test Your Deployment

Run two programs to validate your SAS deployment: SAS IQ and SAS OQ.

For more information, see [SAS Qualification Tools User's Guide](#).

Appendix 1

Troubleshooting SAS Foundation

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Opening a SAS Technical Support Track	37

Troubleshooting a Failed Installation

Installation errors can happen. Most installation errors are due to one of these reasons:

- corrupted installation files

Run the SAS Depot Checker Utility to assess the integrity of the files in your SAS Software Depot. If you find errors, download depot again. Then, attempt the installation again.

For more information, see “[Checking Your SAS Software Depot](#)” on page 15.

- unsupported operating environment

Review the SAS system requirements appropriate for your operating system available at <http://support.sas.com/resources/sysreq/index.html>.

- unfulfilled system requirements

Review the SAS system requirements appropriate for your operating system available at <http://support.sas.com/resources/sysreq/index.html>.

Opening a SAS Technical Support Track

If you are unable to resolve a SAS Foundation issue, the next step is to go to the SAS Technical Support website at <https://support.sas.com/techsup/contact>.

Appendix 2

Administrator's Reference

The following tables lists information about other tasks that a SAS Foundation administrator might need to perform:

Table A2.1 *Additional Administration Tasks*

Task	Description
Backing up your SAS environment	See the following Microsoft documentation: <ul style="list-style-type: none"> • http://windows.microsoft.com/en-us/windows/back-up-files#1TC=windows-7 • https://support.microsoft.com/en-us/help/17143/windows-10-back-up • https://technet.microsoft.com/en-us/library/jj614621.aspx
Managing SAS software orders	<ul style="list-style-type: none"> • Creating a disc image of your order • Changing order information • Deleting an order
Subsetting a SAS software order	Creating a smaller SAS Software Depot that is for a particular language, operating system, or group of SAS products.
Provisioning SAS on Windows	Automating roll-out of new software to end users on their Windows desktop machines using the SAS Deployment Wizard in conjunction with a third-party provisioning system such as: LANDesk, Wise, Microsoft SCCM, Symantec Altiris, IBM Tivoli, BMC, and so on.
Adding SAS products to your deployment	Adding SAS products to your deployment.
Uninstalling SAS	Removing SAS software from your machine.

Appendix 3

Adding Products to Your SAS Deployment

Overview: Adding Products to Your SAS Deployment	41
Example: Add a Product to Your SAS Deployment	41

Overview: Adding Products to Your SAS Deployment

This appendix explains how to add a SAS product to your existing deployment. As with your initial SAS installation, you use the SAS Deployment Wizard to add one or more products to your deployment. In this example, SAS/ACCESS Interface to PC Files is used to illustrate the process. It is a product that SAS users frequently add to their deployments.

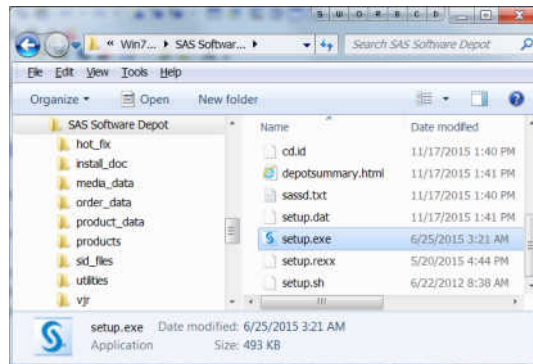
For more information, see [“Adding SAS Products” in *SAS Intelligence Platform: Installation and Configuration Guide*](#).

Note: The SAS Deployment Wizard pages that are included in this appendix represent a typical product add-on. However, your pages might vary according to the SAS products that you add. If the wizard detects software on your system that is older than the software in your order, the deployment wizard enters Update mode. For more information, see [“Adding, Updating, and Upgrading SAS Software” in *SAS Intelligence Platform: Installation and Configuration Guide*](#).

Example: Add a Product to Your SAS Deployment

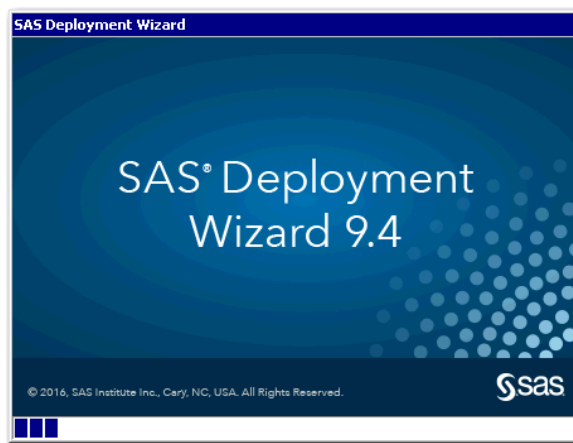
To add a SAS product (SAS/ACCESS for PC Files) to your existing SAS deployment:

1. Sign in to your machine as the SAS Installer user (for example, myDomain\sas).
This user ID can be your regular account, but you must use this same account in the future in order to add, modify, or remove SAS software.
2. Stop all running SAS sessions, services, and processes.
3. Using Windows Explorer, navigate to your SAS Software Depot directory (for example, C:\SAS Software Depot).

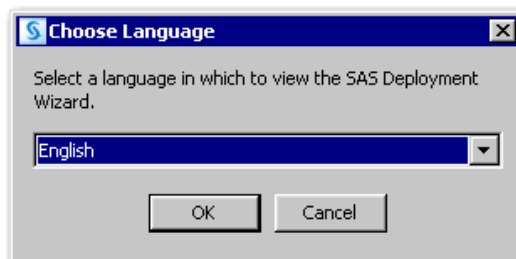


4. Right-click **setup** (or **setup.exe**), and select **Run as Administrator**. (If your account has administrator rights and you used it to install SAS 9.4, start it normally.)

The deployment wizard splash screen is displayed with a progress indicator.



The Choose Language window is displayed.

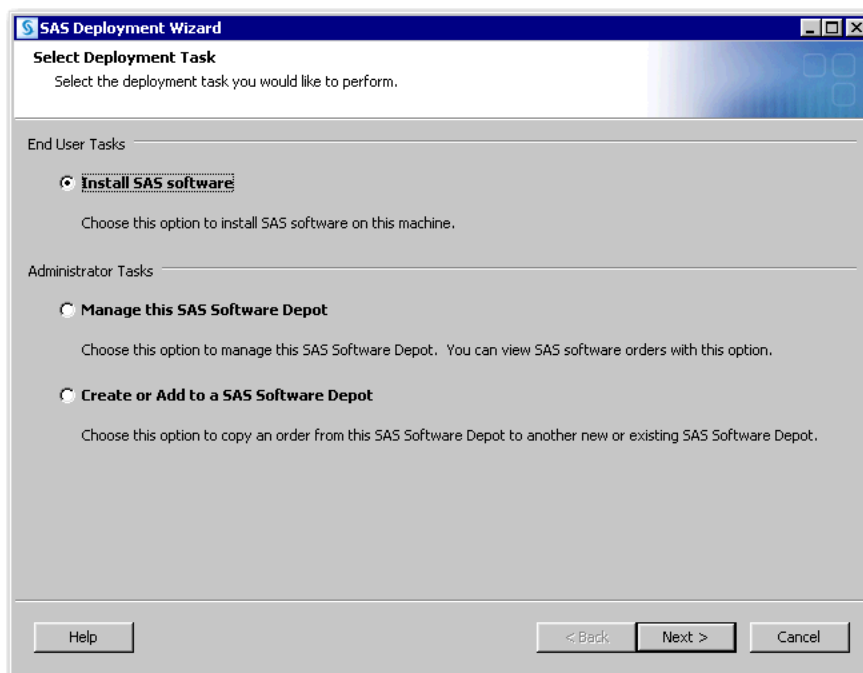


5. Select the language that you want the SAS Deployment Wizard to use when it displays text, and click **OK**.

A second instance of the deployment wizard splash screen is displayed.

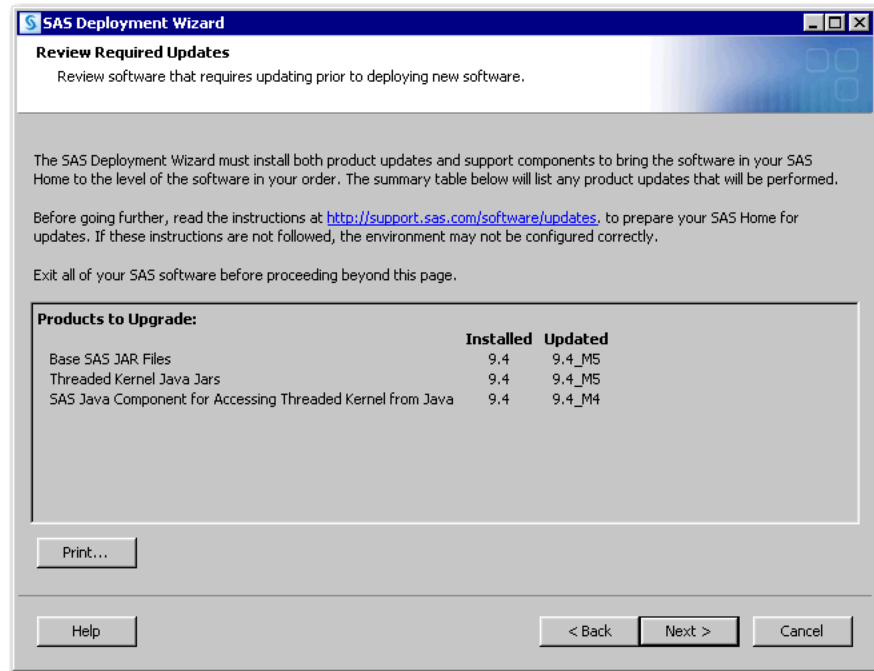


Next, the Select Deployment Task page is displayed.

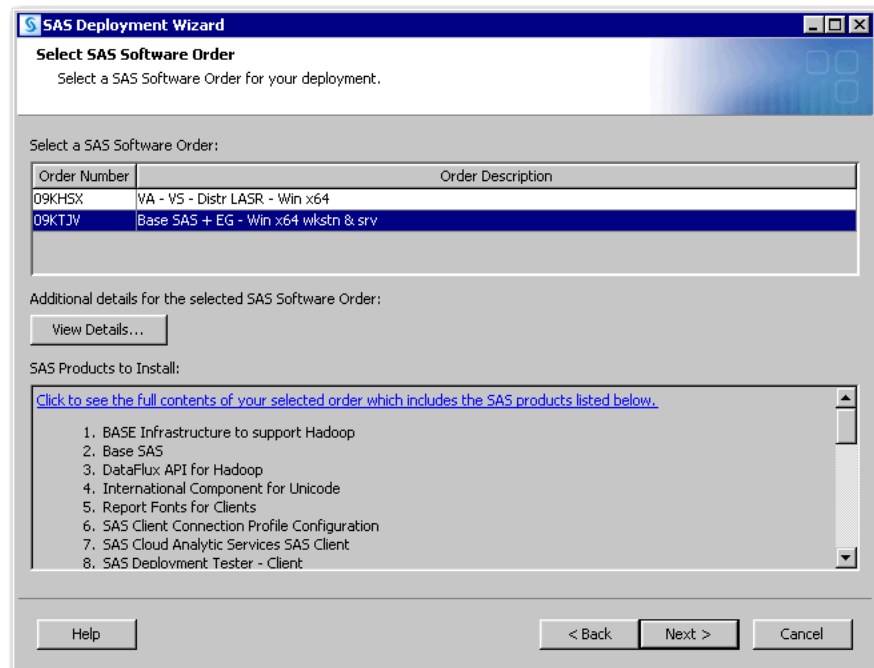


6. Make sure that **Install SAS software** is selected, and click **Next**.

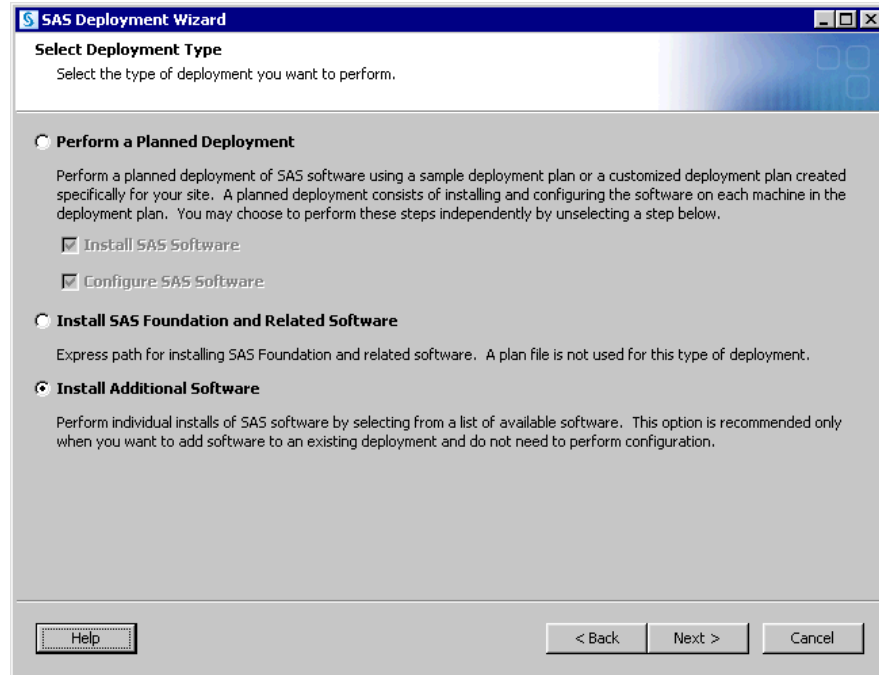
If the Review Required Updates page is displayed, the deployment wizard has automatically entered **Update mode** because it has detected that the software deployed on your system is older than the software in your order.



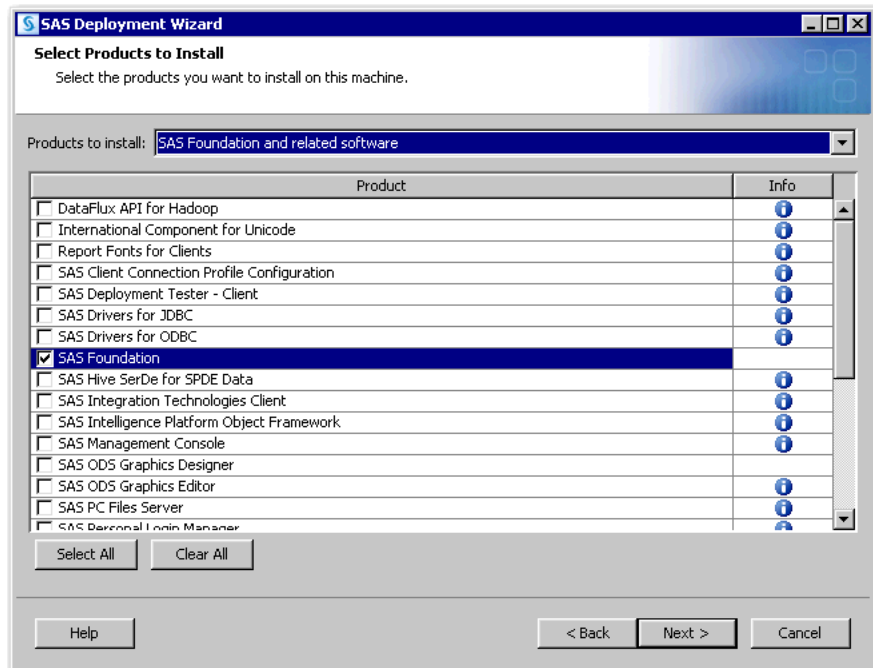
7. If the deployment wizard is in Update mode, click **Next** to apply maintenance. Otherwise, skip to [Step 9](#).
8. If maintenance successfully completed without errors or issues and the SAS Deployment Wizard is in Update mode, you must restart the wizard. Return to [Step 4](#) and rerun the SAS Deployment Wizard. Right-click **setup** (or **setup.exe**), and select **Run as Administrator**. (If your account has administrator rights and you used it to install SAS 9.4, start it normally.)
9. When your SAS Software Depot includes more than one order, the deployment wizard displays a page of orders to choose from. Select the appropriate order and click **Next**.



10. The selected order and deployment type determine the next page to display:

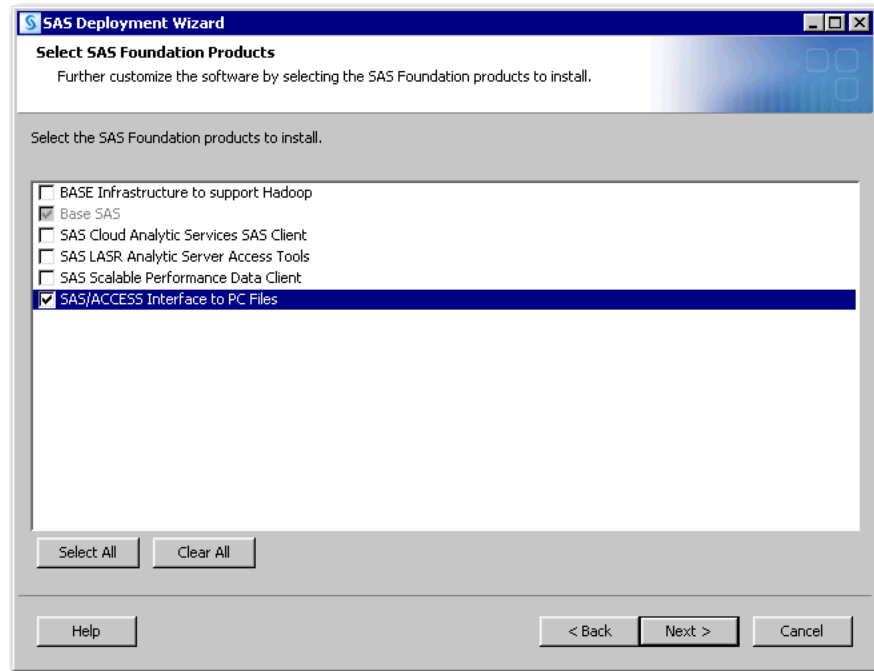


- a. If the Select Deployment Type page is displayed, select **Install Additional Software** and click **Next**.



- b. If the Select Products to Install page is displayed, click **Clear All**, select **SAS Foundation**, and click **Next**.

The Select SAS Foundation Products page is displayed.

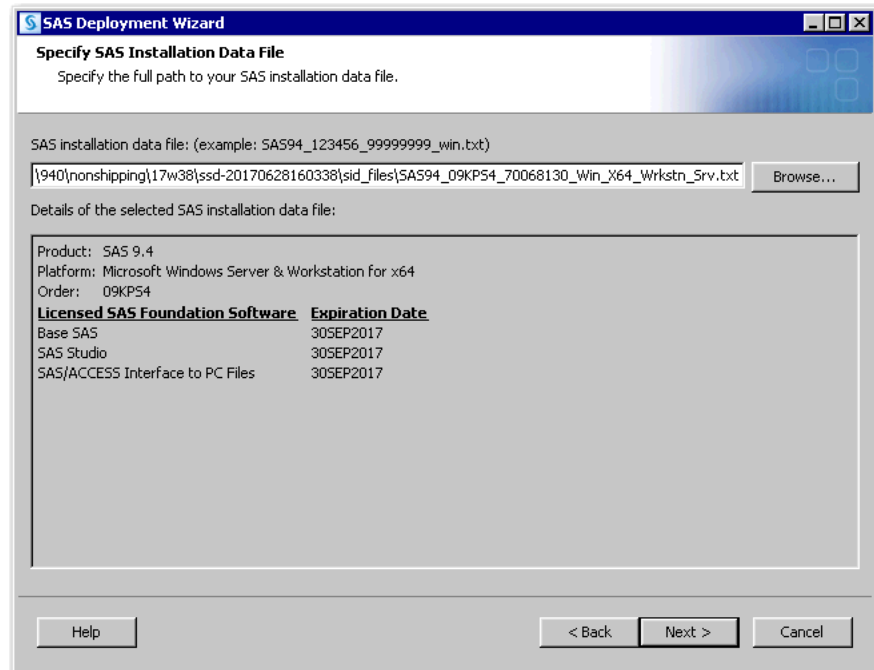


This page lists the SAS products that you can install. In this example, **SAS/ACCESS Interface to PC Files** is selected for installation.

Note: The entry for Base SAS remains selected and is shaded. This is normal behavior.

11. Select **Clear All**, select the product that you want to add, and click **Next**.

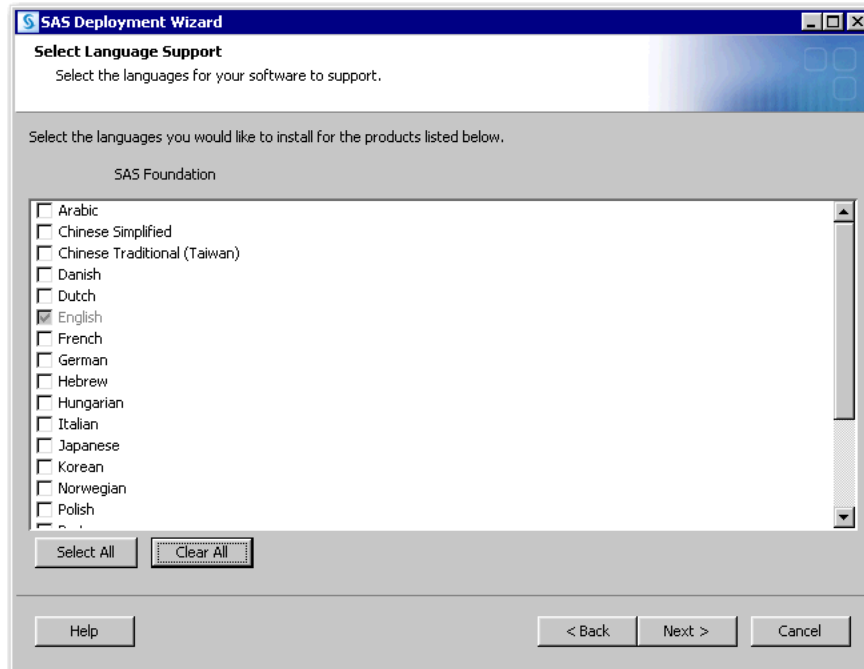
The Specify SAS Installation Data File page is displayed.



12. If your order contains more than one SAS Installation Data (SID) file, be sure to select the SID file that includes the SAS product that you plan to add to your deployment.

Click **Next**.

The Select Language Support page is displayed.



13. Select one or more languages for your SAS software to support:
 - a. Click **Clear All**. (English remains selected as the default language.)
 - b. Add one or more languages that you want your SAS software to support.

By default, SAS attempts to support all languages for which your machine's operating system is configured.
 - c. Click **Next**.

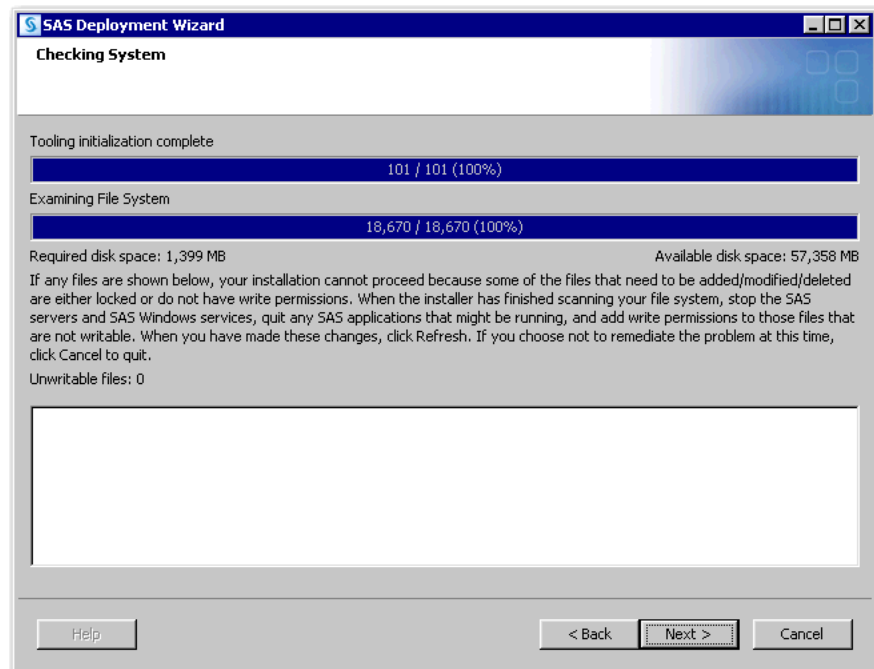
The Default Product for SAS File Types page is displayed.



On Windows, when you double-click a file name with a SAS file extension, the specified SAS application launches and loads the file.

14. Choose the SAS application with which to associate files that have SAS file extensions (.sas, .sas7bdat, and so on). Click **Next**.

The Checking System page is displayed while the deployment wizard scans your machine for any pre-existing SAS files that are locked or that do not have Write permission.



15. When the scan is complete, take the appropriate action:
 - a. If no action is required, click **Next** and go to [Step 16](#).

- b. If the wizard lists any files in the text box, while the wizard is running, stop all programs that are listed, including all SAS processes and services.

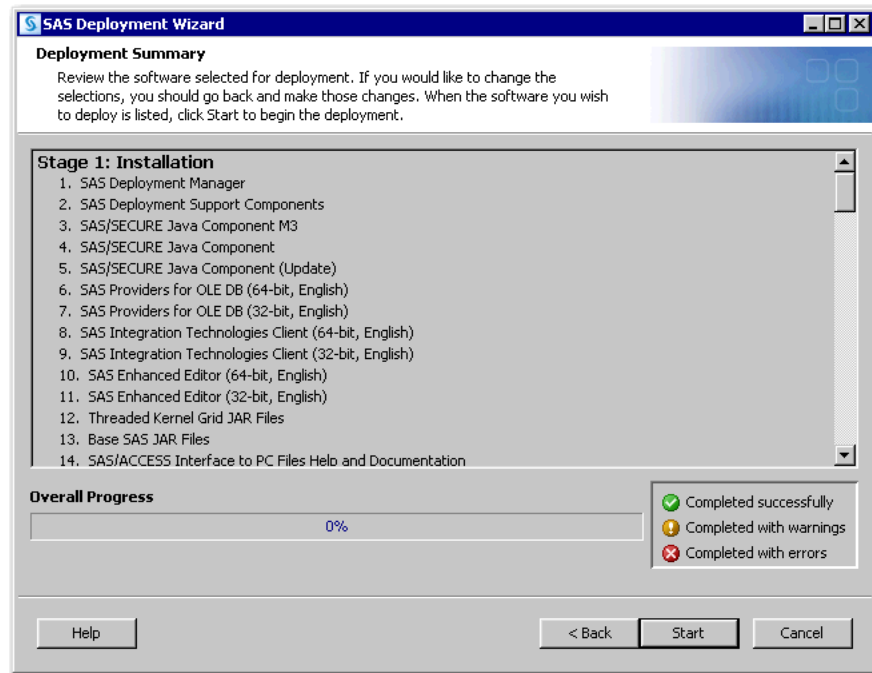
Perform one of these actions:

- Add Write permission to the files that are listed.
 - Clear the lock on any affected files.
- c. Return to the deployment wizard and click **Refresh**.

The deployment wizard checks your system again.

- d. When the check is finished, click **Next**.

The Deployment Summary page is displayed.



16. Review the summary of the software that the deployment wizard will install and configure.

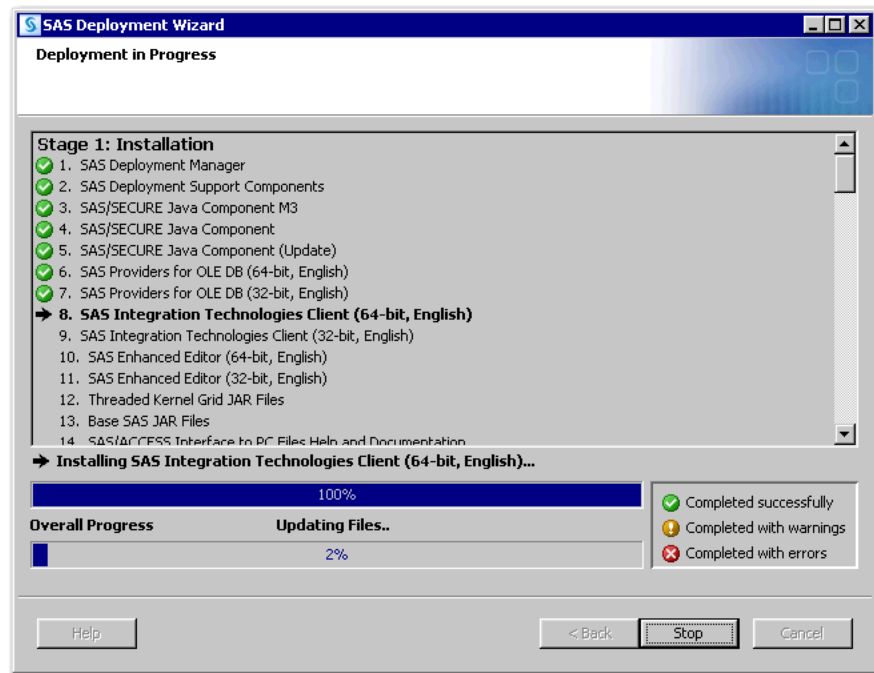
Note: This is your final opportunity to change any information that you provided in previous pages before the wizard begins installing the SAS product.

Select the appropriate option:

- Click **Back** to navigate to earlier wizard pages to change installation information that you previously entered.
- Click **Start** to begin installing SAS files on the current machine. The deployment wizard launches the installation process and provides an ongoing progress report.
- Click **Cancel** to terminate the deployment wizard session.

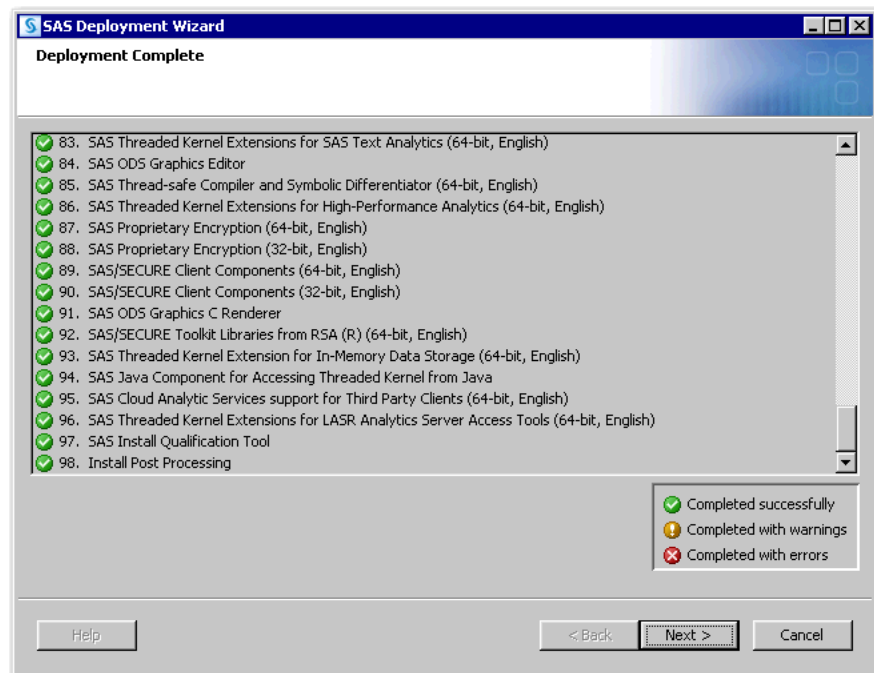
Note: Previously entered installation information is lost.

The Deployment in Progress page is displayed.



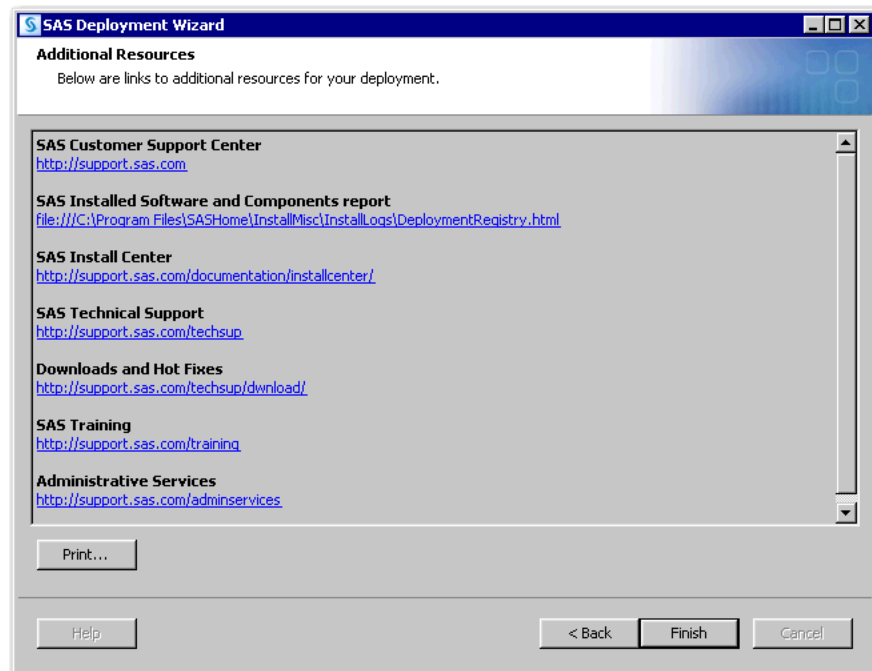
When the deployment wizard has finished installing the SAS product, the Deployment Complete page is displayed.

- Green check marks next to every item on this page indicate that your installation completed successfully.
- If you received errors during your installation, review [“Opening a SAS Technical Support Track”](#) on page 37.



17. Click **Next**.

The Additional Resources page is displayed.



Use the links that are displayed to review more information about your SAS deployment.

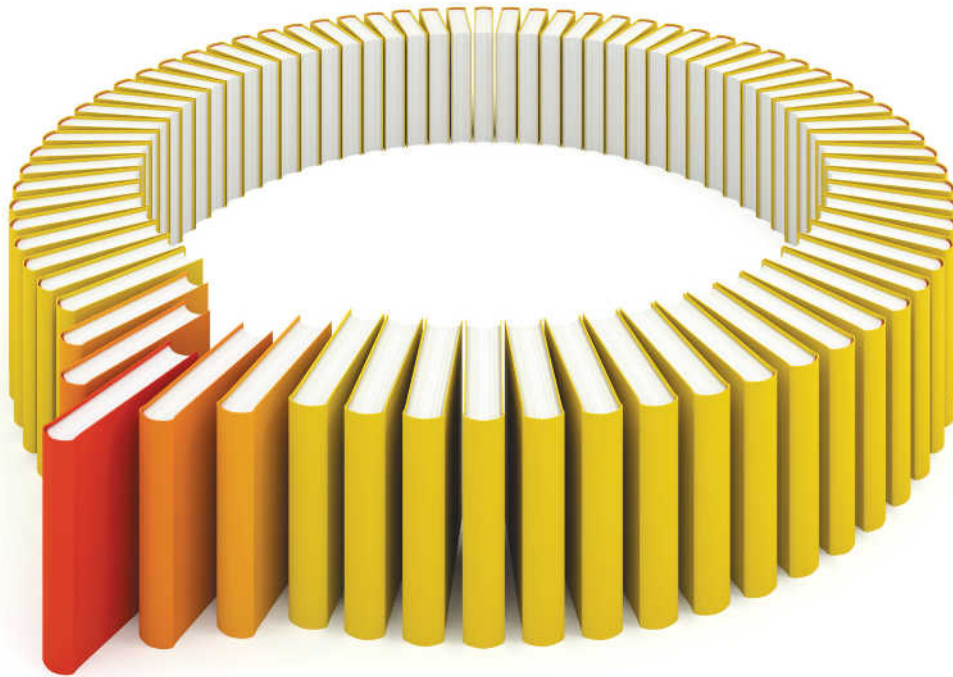
18. Click **Finish**.
19. Go to [Chapter 4, "Validating Your SAS Foundation Deployment,"](#) on page 35.

Recommended Reading

- [SAS Intelligence Platform: Installation and Configuration Guide](#)
- [SAS Installation Note 39379: Documentation and Frequently Asked Questions for the SAS Software Depot](#)
- [SAS Note 38236: Validating SAS Software Depots on UNIX Using the SAS Software Depot Checker](#)
- [SAS Guide to Software Updates](#)
- SAS videos:
 - <http://support.sas.com/sas94-install-videos>
 - http://support.sas.com/documentation/installcenter/gettingstarted/94/foundation_win.html

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