

# SOPHOS



## Windows 2000 server Installation guide

For networks with

**Servers**

Windows 2000

**Workstations**

Windows NT/2000/XP

Windows 95/98/Me

## About this guide

This guide tells you how to

- install Sophos Anti-Virus on a Windows 2000 server
- install Sophos Anti-Virus on Windows NT/2000/XP workstations
- install Sophos Anti-Virus on Windows 95/98/Me workstations.

❗ The instructions for installation on Windows XP workstations **do not** apply to Windows XP Home networked computers.

## More information

This guide describes a **recommended** form of installation.

- You can find details of all other installation and configuration options in the *Sophos Anti-Virus Windows NT/2000/XP user manual*.
- To find out how to update Sophos Anti-Virus on the Windows 2000 server, see the *Sophos Anti-Virus Windows NT/2000 server update guide*.
- Most Sophos documentation is published on the Sophos CD each month.

## Technical support

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## Before you begin

- ❗ **You must uninstall any other anti-virus software before installing Sophos Anti-Virus.**

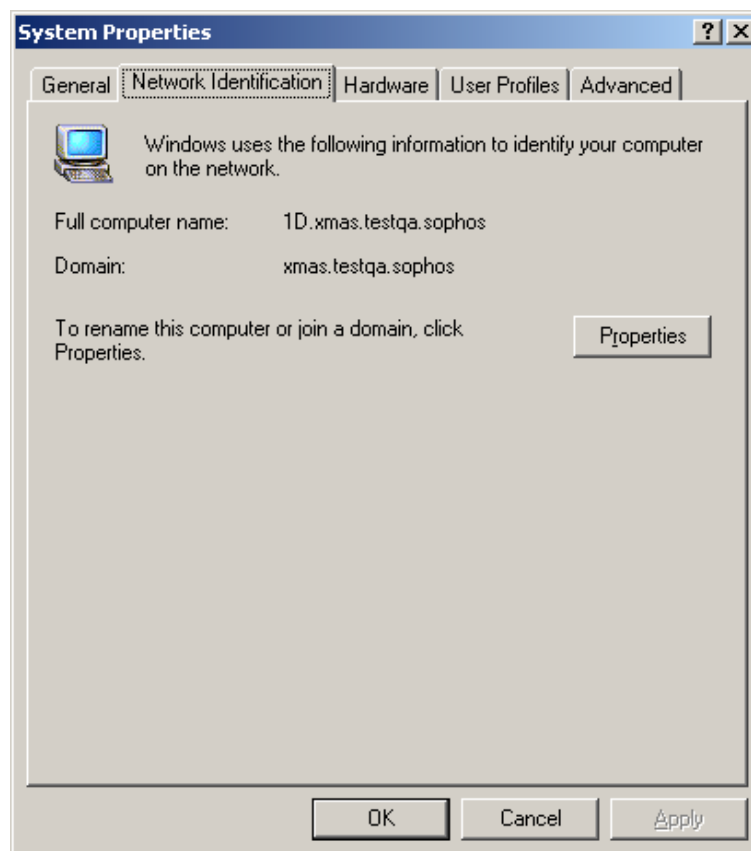
Before you begin, decide on which server you will install the central copy of the Sophos Anti-Virus files.

Write the name of the server and the domain in [Appendix 2](#). This information will be useful when you update Sophos Anti-Virus.

Find out the name of the server and domain as follows:

1. At the Windows 2000 server, right-click the **My Computer** icon on the desktop to display a menu. Select **Properties**.
2. In the **System Properties** dialog box, click the **Network Identification** tab.

The server name (**Computer full name**) and the **Domain** are displayed in the **System Properties** dialog box. *In this example*, the server is called 1D and the domain is called xmas.



3. If you haven't already, write the server name and domain in [Appendix 2](#).



***Installation on the Windows 2000 server***

# 1 Creating the central installation directory

- ?** The **central installation directory** is the central copy of Sophos Anti-Virus files from which Sophos Anti-Virus is installed on the server and workstations. Whenever you update the central installation directory, Sophos Anti-Virus is updated on the workstations without affecting users.

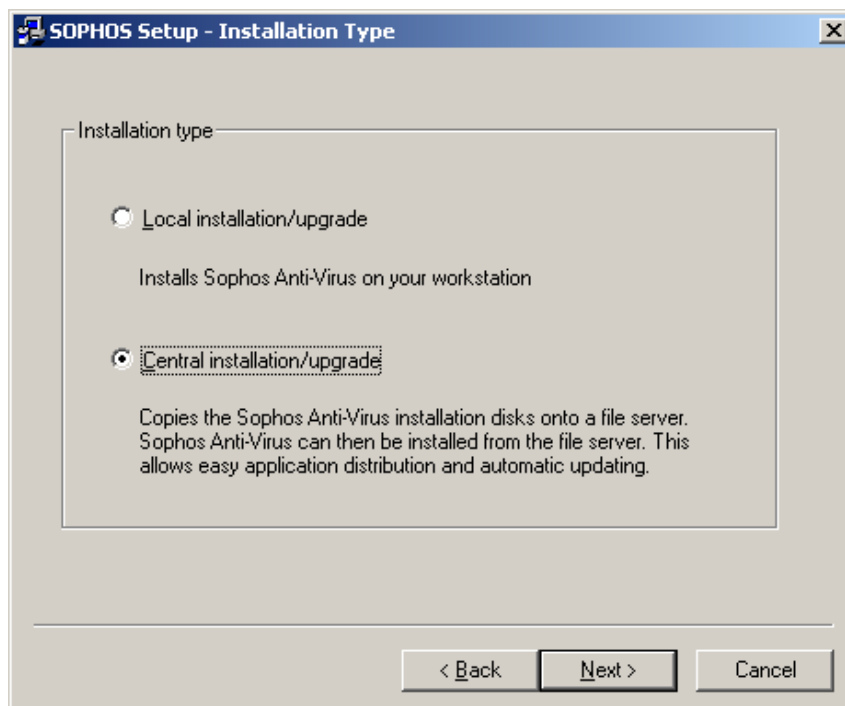
Create the central installation directory as follows:

1. At the Windows 2000 server, log on with Administrator rights.  
If you have already downloaded and unzipped the Sophos Anti-Virus for Windows NT/2000/XP files from the Sophos website, go to [step 4](#).
2. Insert the Sophos CD in the CD drive. The CD should auto-run. If auto-run is disabled, run D:\Launchcd (where D: is the CD drive).
3. In the **Sophos CD** window, click **Sophos Anti-Virus**. At the next screen, click **Windows NT/2000/XP**, and start the setup program.

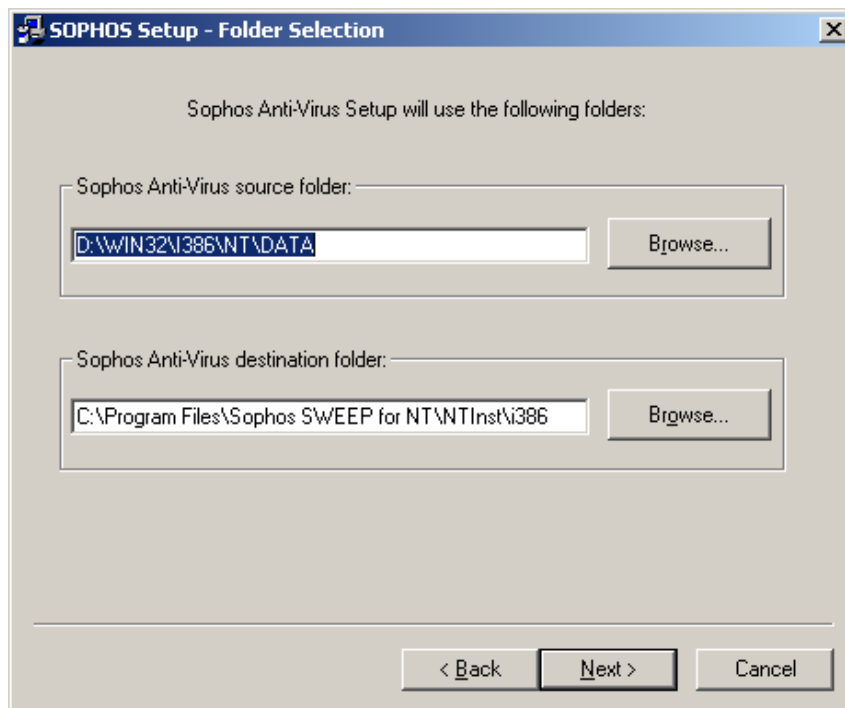
4. In the **SOPHOS Setup** dialog box, click **Next** to continue the installation.



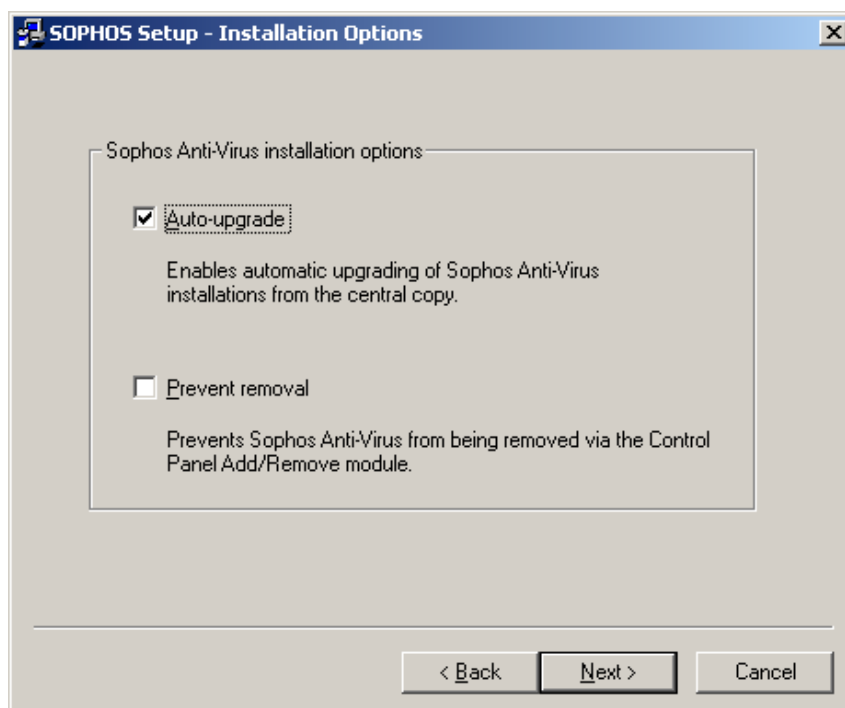
5. In the **SOPHOS Setup - Installation Type** dialog box, click **Central installation/upgrade**. Click **Next**.



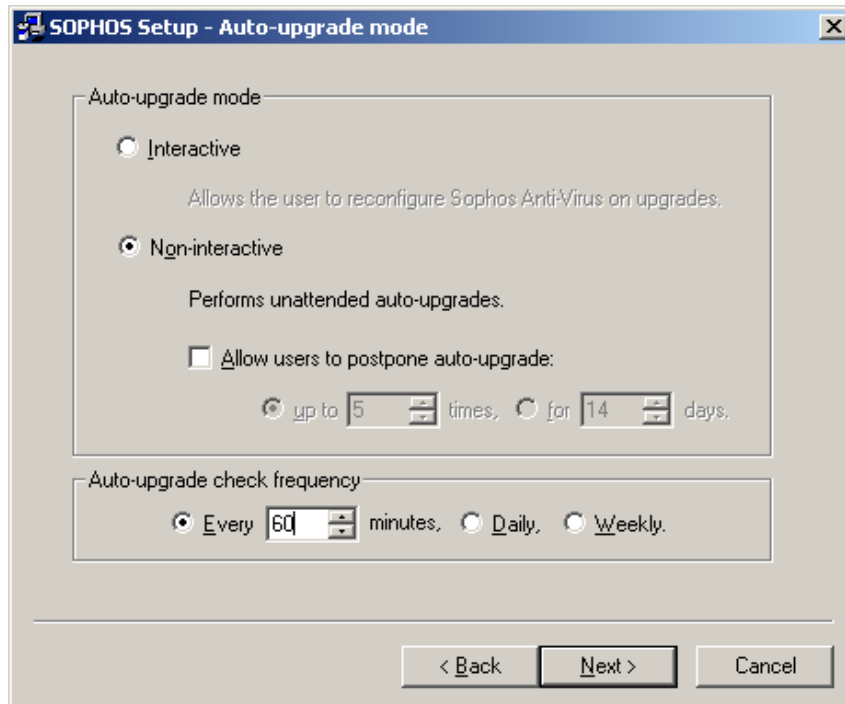
6. In the **SOPHOS Setup - Folder Selection** dialog box, click **Next** to accept the default folders.



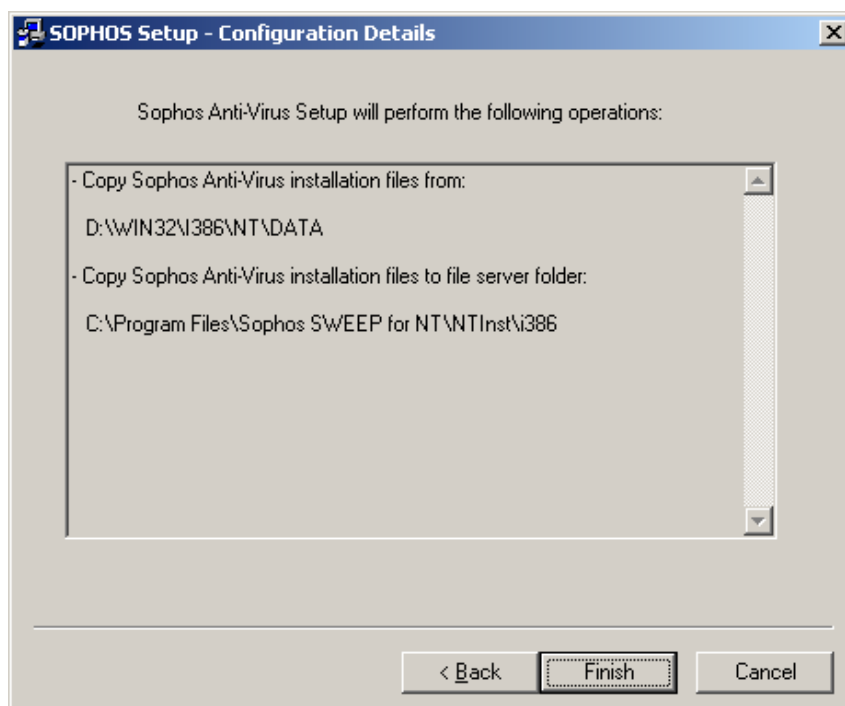
7. In the **SOPHOS Setup - Installation Options** dialog box, ensure **Auto-upgrade** is selected. Click **Next**.



8. In the **SOPHOS Setup - Auto-upgrade mode** dialog box, click **Non-interactive**. Deselect **Allow users to postpone auto-upgrade** and set the **Auto-upgrade check frequency** to 60 minutes. Click **Next**.



9. In the **SOPHOS Setup - Configuration Details** dialog box, click **Finish** to copy the files to the central installation directory.



10. In the **SOPHOS Setup Complete** message box, click **OK**.



Now download the latest virus identity files (IDEs) from the Sophos website (section 2).

## 2 Downloading the latest virus identity files (IDEs)

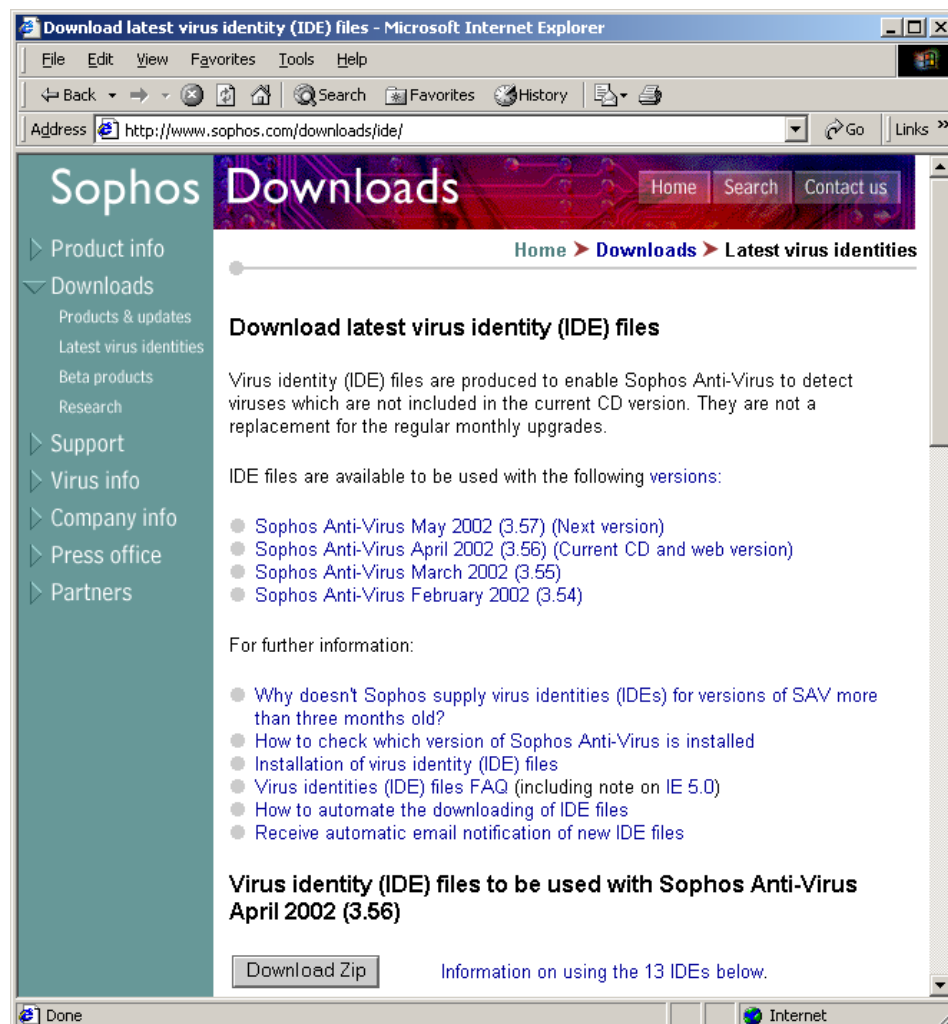
This section describes how to download IDEs from the Sophos website.

- ❓ A **virus identity file (IDE)** is a file that enables Sophos Anti-Virus to detect a specific virus. You need IDEs to protect your network against viruses discovered since your version of Sophos Anti-Virus was compiled.

Download IDEs as follows:

1. At the server, go to the IDE download page of the Sophos website ([www.sophos.com/downloads/ide/](http://www.sophos.com/downloads/ide/)).

If you use Internet Explorer 5.0, click the **Virus identities (IDE) files FAQ** link and read the note on **IE 5.0**.



2. Click **Download Zip** and save the zipped file to the hard disk.

3. Unzip the file to

C:\Program Files\Sophos SWEEP for NT\NTInst\i386

- ❗ If you do not have an unzip utility, scroll down the page and download the IDEs one by one, to the location above.

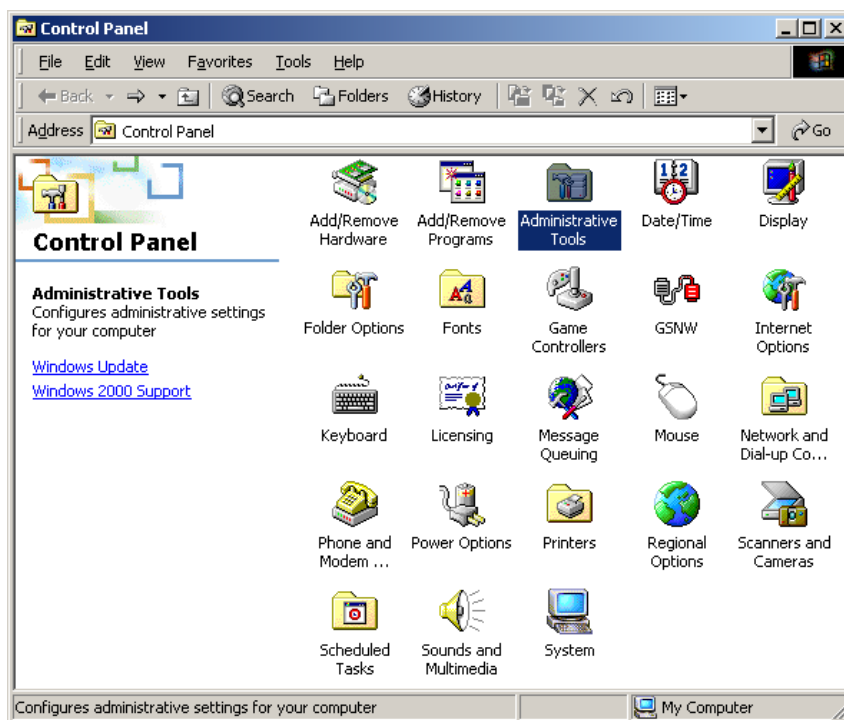
Now create the auto-update account (section 3).

### 3 Creating the auto-update account

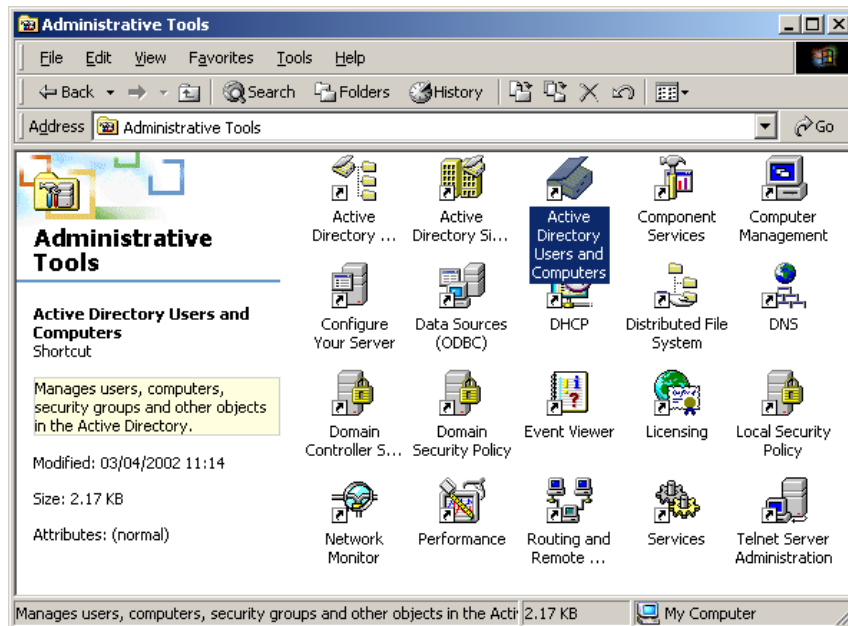
- ?** The **auto-update account** is the account workstations use to log on to the server and collect Sophos Anti-Virus updates from the central installation directory.

Create the auto-update account on the Primary Domain Controller (i.e. the computer you use to add new users to the domain) as follows:

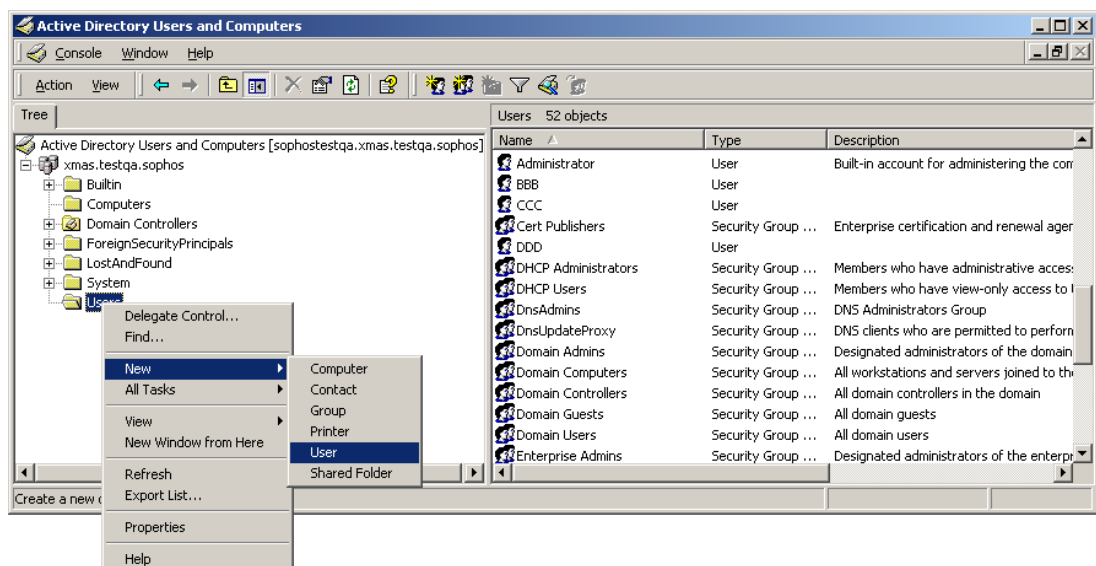
1. At the taskbar, click **Start|Settings|Control Panel**.
2. In the **Control Panel** window, double-click **Administrative Tools**.



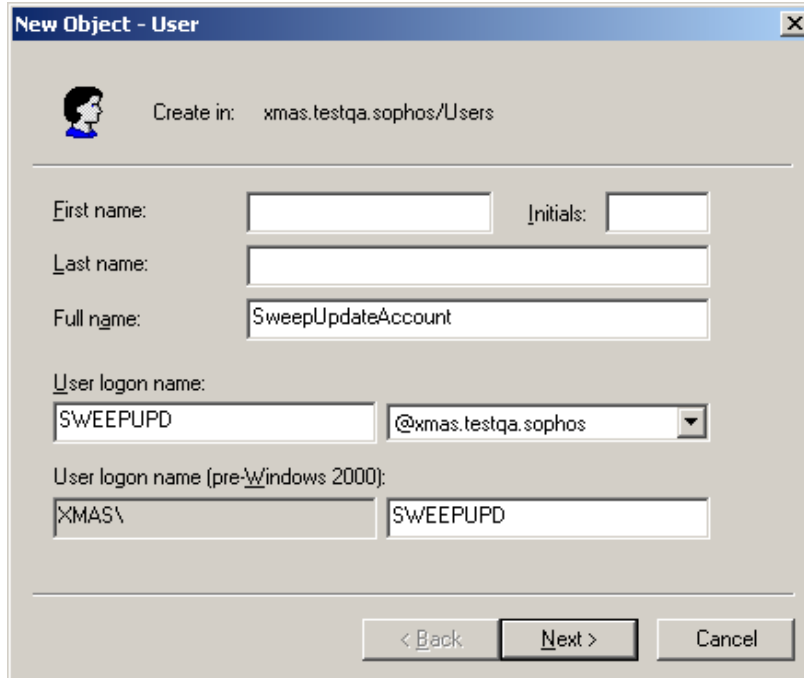
3. In the **Administrative Tools** window, double-click **Active Directory Users and Computers**.



4. In the **Active Directory Users and Computers** window, right-click the **Users** folder to display a menu. Select **New**, then **User**.

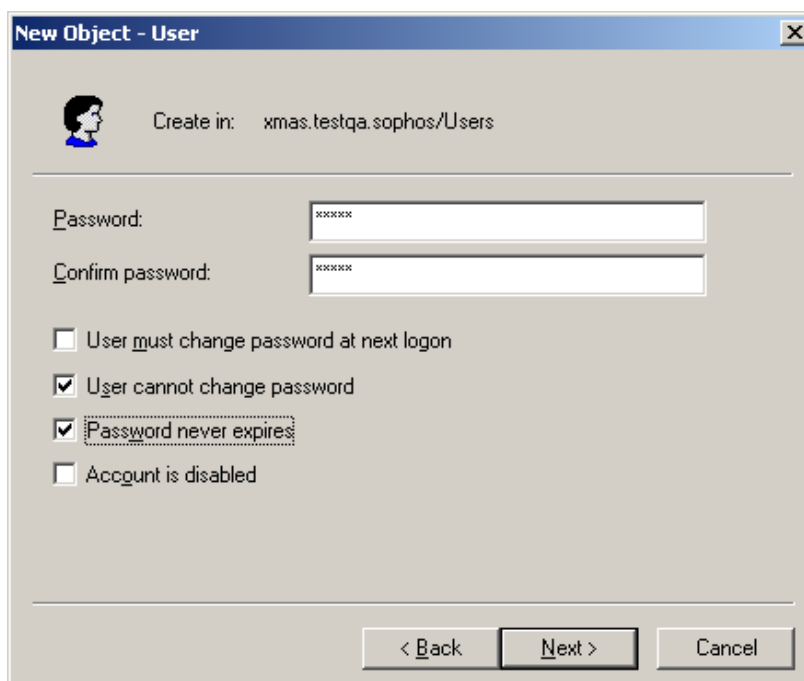


5. In the **New Object - User** dialog box, type 'SweepUpdateAccount' in the **Full name** text box, and type 'SWEEPUPD' in the **User logon name** text box. Click **Next**.



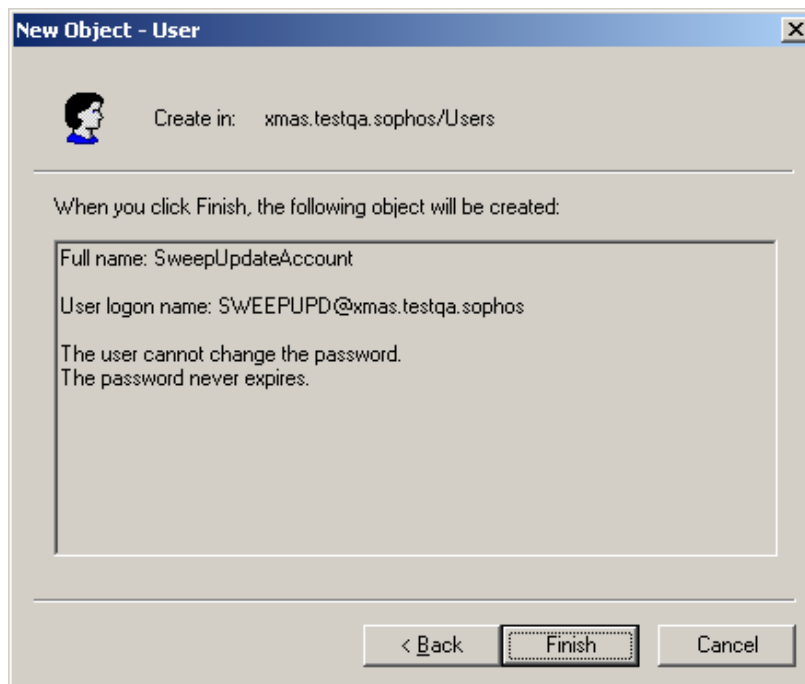
The 'New Object - User' dialog box is shown. It has a title bar with a close button. Below the title bar is a user icon and the text 'Create in: xmas.testqa.sophos/Users'. The main area contains several text boxes: 'First name:', 'Initials:', 'Last name:', 'Full name:' (containing 'SweepUpdateAccount'), 'User logon name:' (containing 'SWEEPUPD'), and a dropdown menu for the domain (showing '@xmas.testqa.sophos'). Below these is a section for 'User logon name (pre-Windows 2000):' with two text boxes containing 'XMAS\' and 'SWEEPUPD'. At the bottom are three buttons: '< Back', 'Next >', and 'Cancel'.

6. In the next **New Object - User** dialog box, type a password in the **Password** and **Confirm password** text boxes. Deselect **User must change password at next logon**, and select **User cannot change password** and **Password never expires**. Click **Next**.

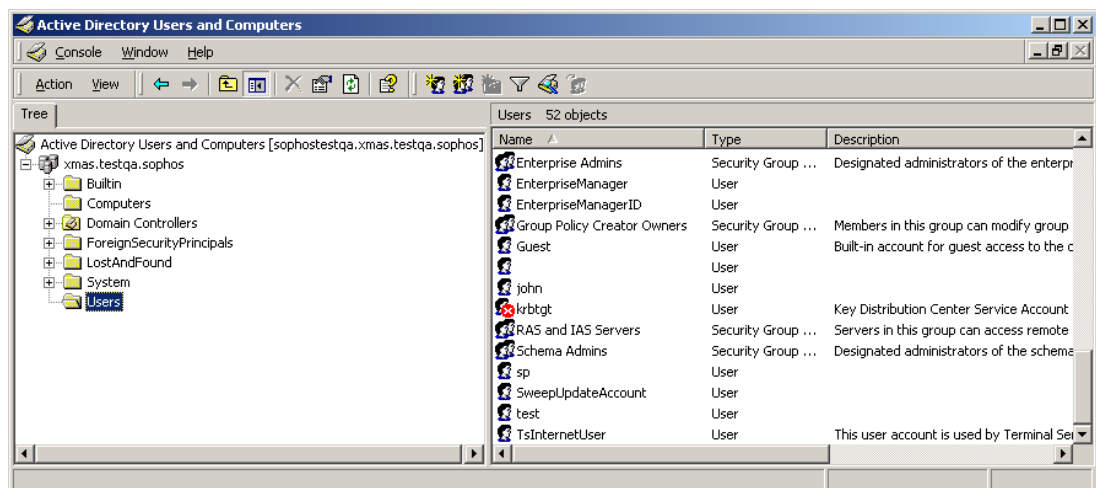


The 'New Object - User' dialog box is shown. It has a title bar with a close button. Below the title bar is a user icon and the text 'Create in: xmas.testqa.sophos/Users'. The main area contains two password text boxes labeled 'Password:' and 'Confirm password:', both containing 'xxxxxx'. Below these are four checkboxes: 'User must change password at next logon' (unchecked), 'User cannot change password' (checked), 'Password never expires' (checked), and 'Account is disabled' (unchecked). At the bottom are three buttons: '< Back', 'Next >', and 'Cancel'.

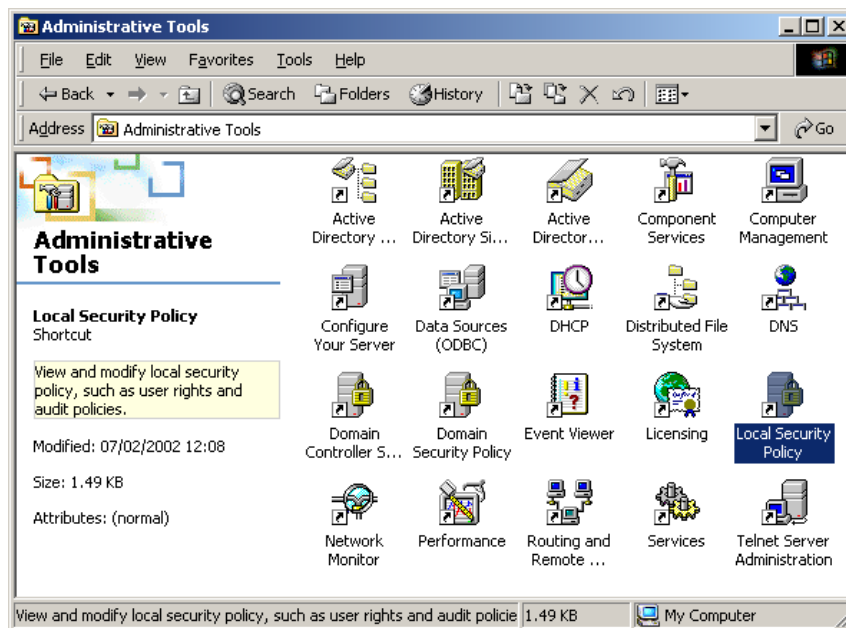
7. In the final **New Object - User** dialog box, click **Finish**.



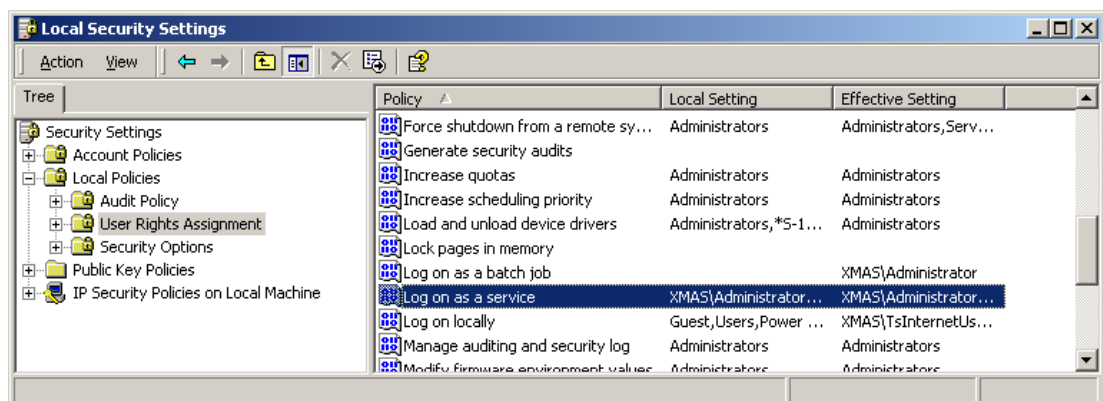
8. In the **Active Directory Users and Computers** window, you can now see SweepUpdateAccount in the **Users** list. Close the window.



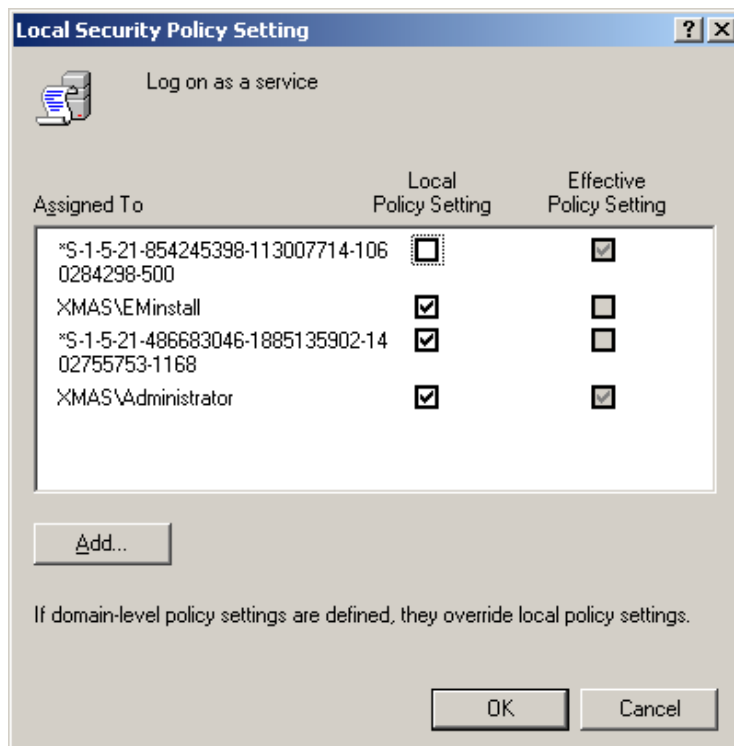
9. In the **Administrative Tools** window, double-click **Local Security Policy**.



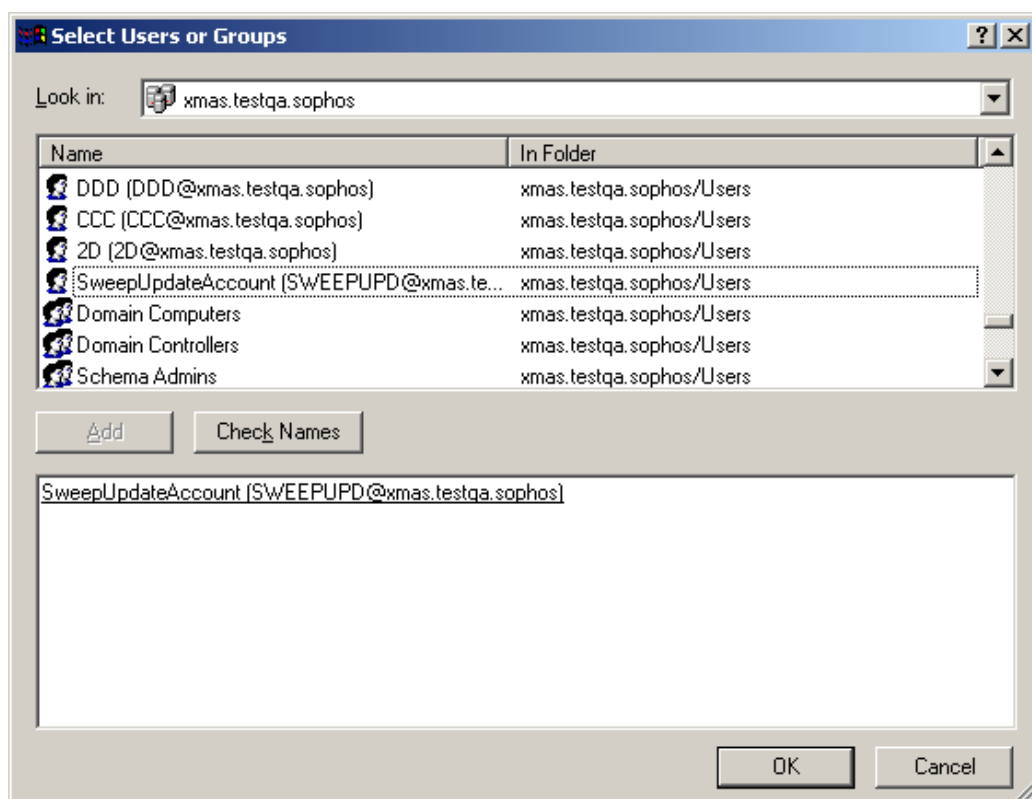
10. In the **Local Security Settings** window, in the **Tree** pane, click the plus sign next to **Local Policies**, then click **User Rights Assignment**. In the **Policy** list, double-click **Log on as a service**.



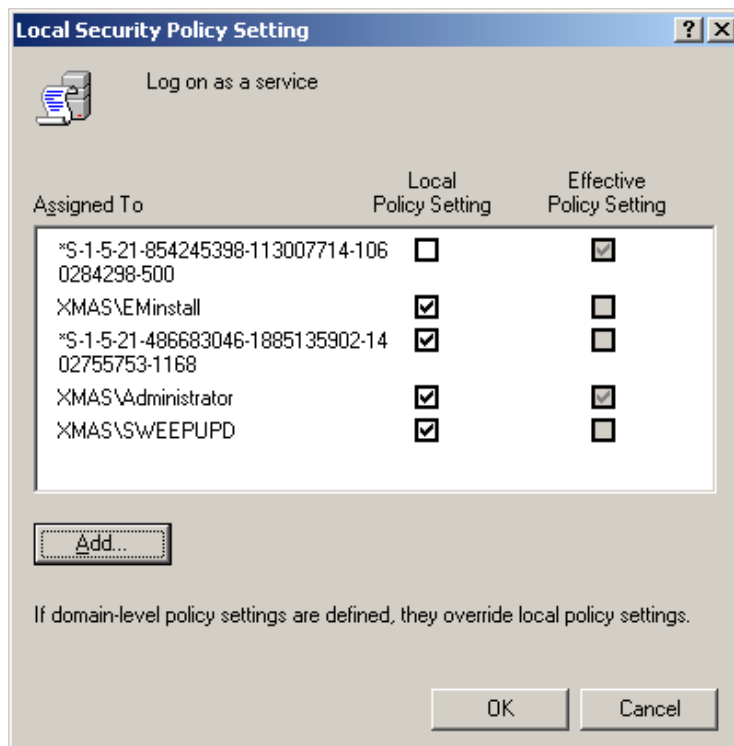
11. In the **Local Security Policy Setting** dialog box, click **Add**.



12. In the **Select Users or Groups** dialog box, in the **Name** list, click **SweepUpdateAccount**. Click **Add**.



13. In the **Local Security Policy Setting** dialog box, click **OK**.



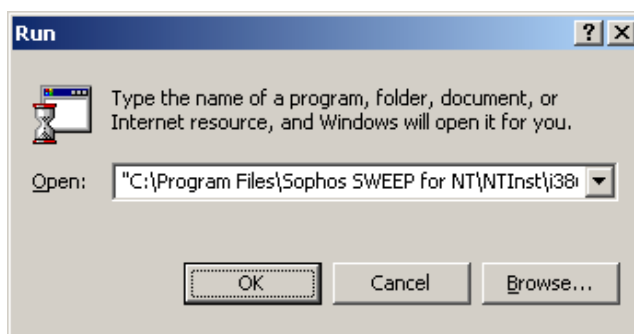
14. Close all windows.

You have created the auto-update account. Now install Sophos Anti-Virus from the central installation directory onto the Windows 2000 server (section 4).

## 4 Installing Sophos Anti-Virus on the server

Install Sophos Anti-Virus on the Windows 2000 server as follows:

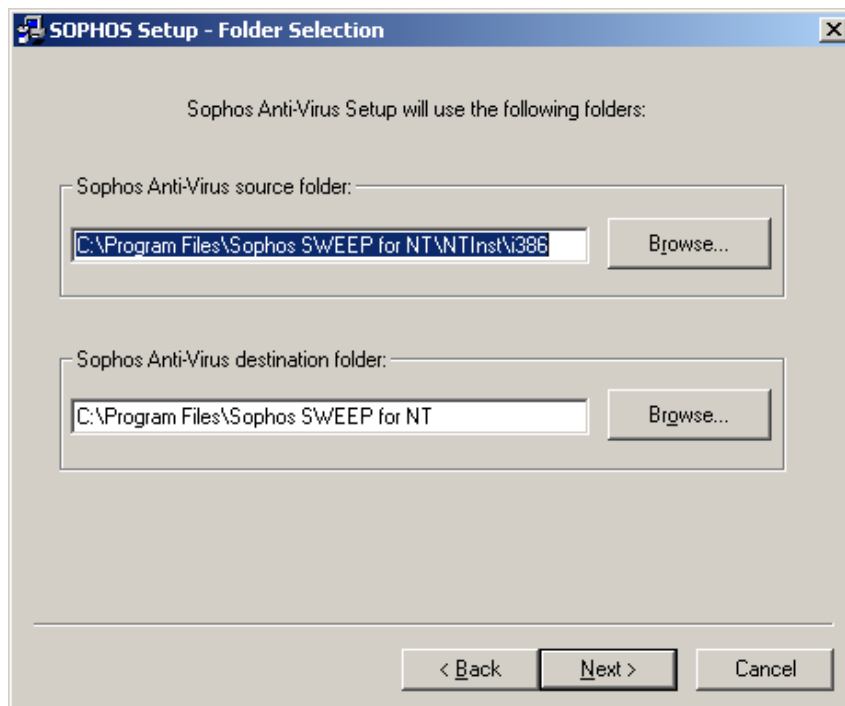
1. At the Windows 2000 server, log on with Administrator rights.
2. At the taskbar, click **Start | Run**.
3. In the **Run** dialog box, click **Browse**. Locate and double-click Setup.exe in C:\Program Files\Sophos Sweep for NT\NTInst\i386
4. In the **Run** dialog box, click **OK**.



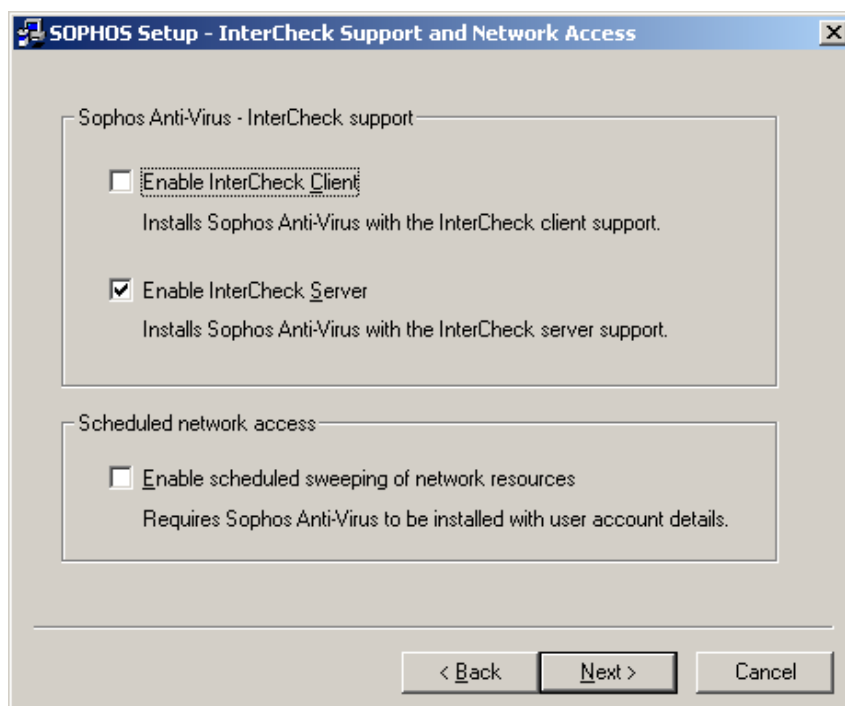
5. In the **SOPHOS Setup** dialog box, click **Next** to continue the installation.



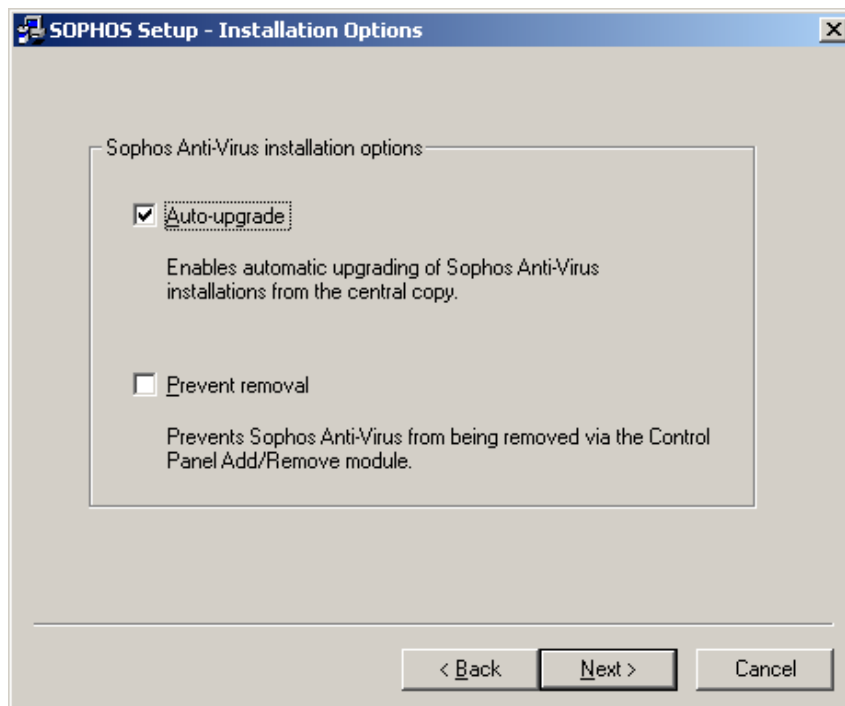
6. In the **SOPHOS Setup - Folder Selection** dialog box, click **Next** to accept the default folders.



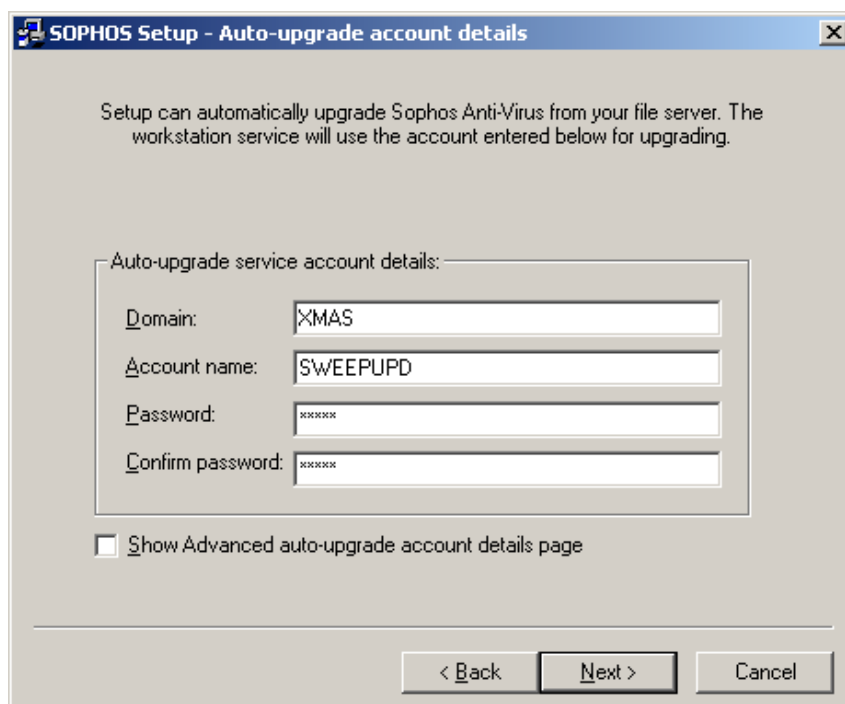
7. In the **SOPHOS Setup - InterCheck Support and Network Access** dialog box, deselect **Enable InterCheck Client** and select **Enable InterCheck Server**. Click **Next**.



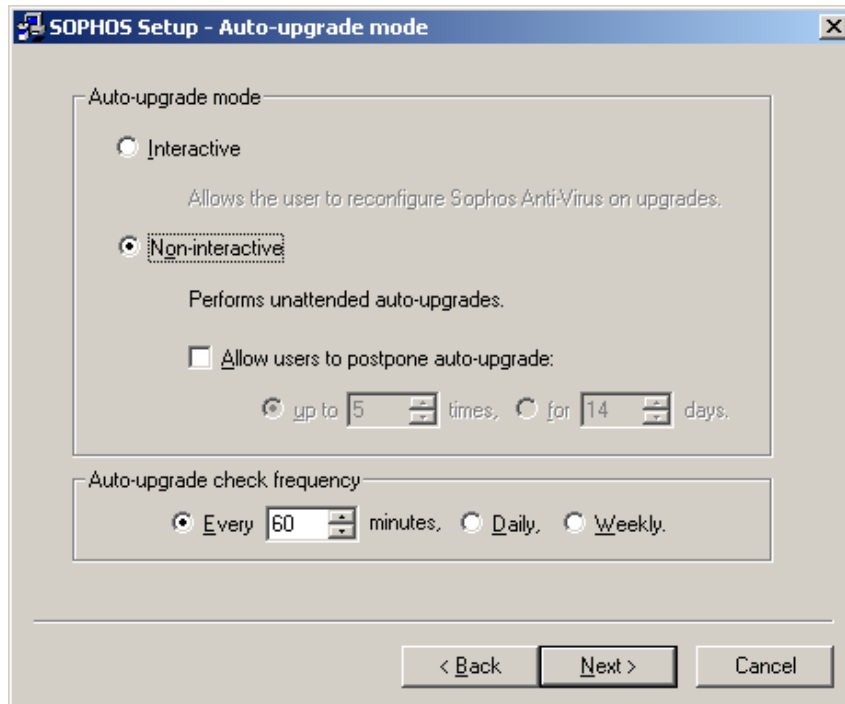
8. In the **SOPHOS Setup - Installation Options** dialog box, ensure **Auto-upgrade** is selected. Click **Next**.



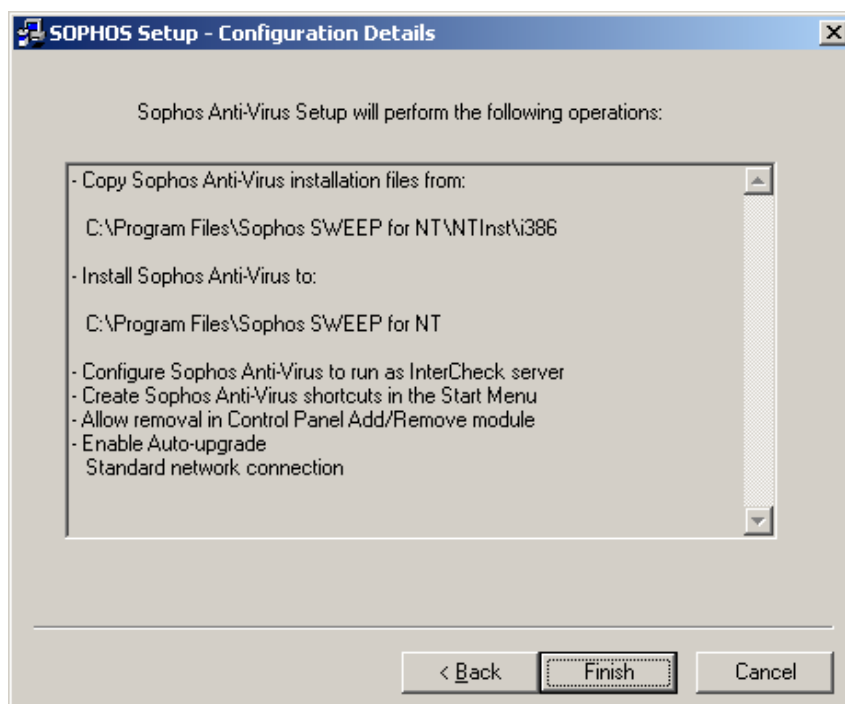
9. In the **SOPHOS Setup - Auto-upgrade account details** dialog box, type your domain name, your account name ('SWEEPUPD'), and the password you entered when you created the auto-update account. Click **Next**.



10. In the **SOPHOS Setup - Auto-upgrade mode** dialog box, click **Non-interactive**. Deselect **Allow users to postpone auto-upgrade** and set the **Auto-upgrade check frequency** to 60 minutes. Click **Next**.



11. In the **SOPHOS Setup - Configuration Details** dialog box, click **Finish** to complete the installation.



12. In the **SOPHOS Setup** message box, click **Run SWEEP** if you wish to view the **Sophos Anti-Virus** window (see [section 5](#)), or click **Exit**.



Creation of the central installation directory and installation of Sophos Anti-Virus on the server is now complete.

The central installation directory has been shared automatically as InterChk. The path to the shared folder is

\\[servername]\InterChk

where [servername] is the name of the server on which you installed the central installation directory.

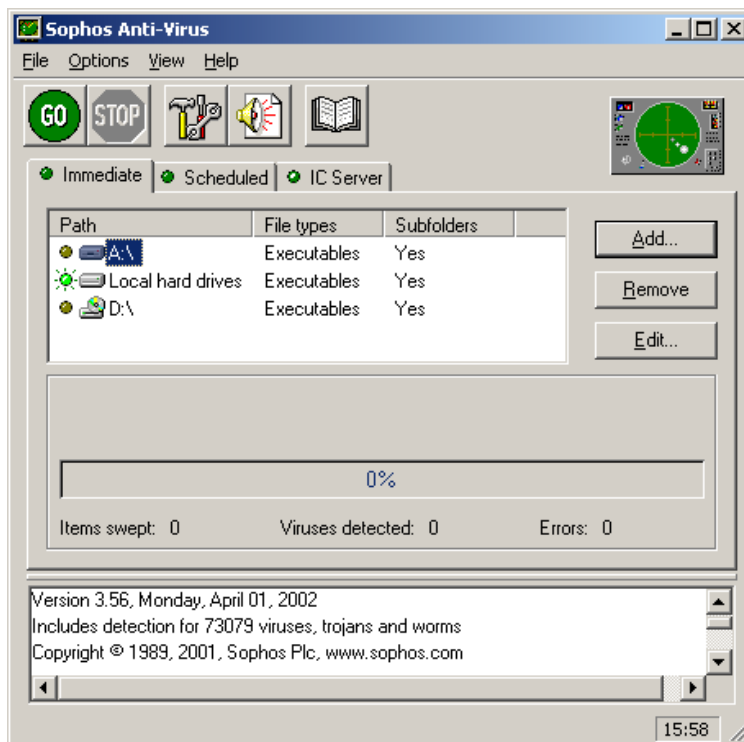
Now carry out installations on the workstations.

- Installation of Sophos Anti-Virus on Windows NT/2000/XP workstations is described in [section 6](#).
- Installation of Sophos Anti-Virus on Windows 95/98/Me workstations is described in [section 8](#).

## 5 Using Sophos Anti-Virus

The **Sophos Anti-Virus** window enables you to carry out and schedule immediate scans.

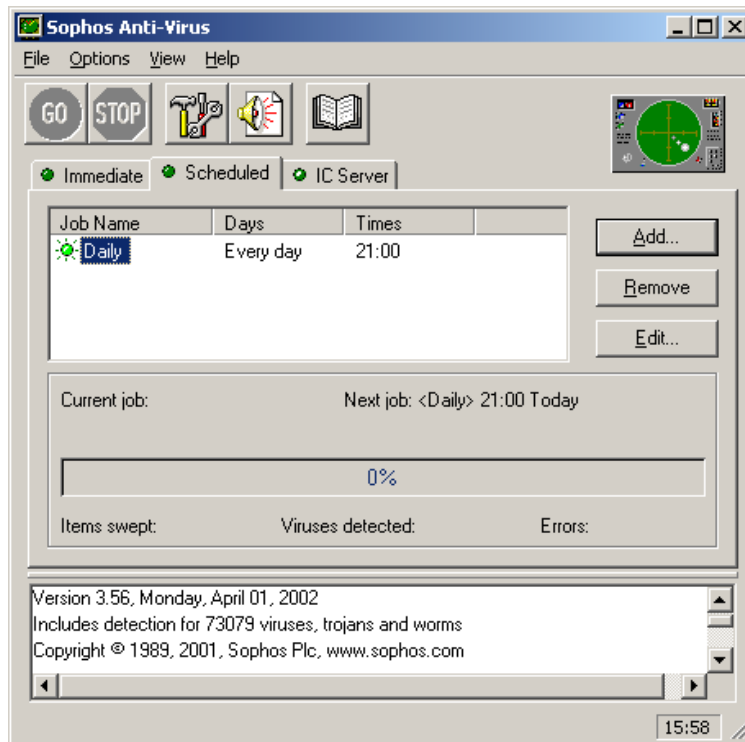
To open the **Sophos Anti-Virus** window (on any computer on which Sophos Anti-Virus is installed), at the taskbar click **Start | Programs | Sophos Anti-Virus | Sophos Anti-Virus**.



The **Immediate** tabbed page enables you to carry out a virus scan on the computer. Click the **GO** button to start the scan, and the **STOP** button to stop it.

Drive names that have an illuminated light (i.e. **Local hard drives** in the screenshot above) are scanned. Click the light to toggle it on and off.

Click the **Scheduled** tab.



By default a virus scan is scheduled for 21.00 every day. If the computer is switched on, Sophos Anti-Virus will scan it for viruses at that time. Use the **Add**, **Remove** and **Edit** buttons to change the times at which a scan takes place.

To find out more about the **Sophos Anti-Virus** window, see the *Sophos Anti-Virus Windows NT/2000/XP user manual*.

***Installation on Windows NT/2000/XP workstations***

## 6 Installing Sophos Anti-Virus on Windows NT/2000/XP

This section describes how to install Sophos Anti-Virus on the Windows NT/2000/XP workstations on the network. There are two alternative methods:

- Install Sophos Anti-Virus on each workstation one at a time, by repeating the procedure described in section 6.1.

or

- Carry out the procedure described in section 6.1 on one workstation, then copy the installation to the other Windows NT/2000/XP workstations using a network administration tool called SAVAdmin, as described in section 6.2.

The second method is more complicated, but saves time on larger networks.

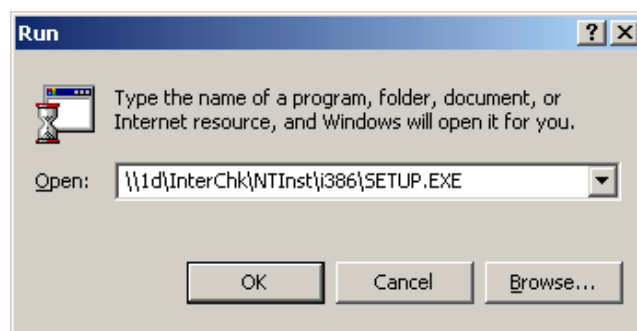
### 6.1 Install Sophos Anti-Virus on one workstation

To install Sophos Anti-Virus on one workstation, do the following:

1. At a Windows NT/2000/XP workstation, log on with Administrator rights.
2. At the taskbar, click **Start|Run**.
3. In the **Run** dialog box, click **Browse**. Locate and double-click Setup.exe in \\[servername]\\InterChk\\NTInst\\i386

where [servername] is the name of the server on which you installed the central installation directory.

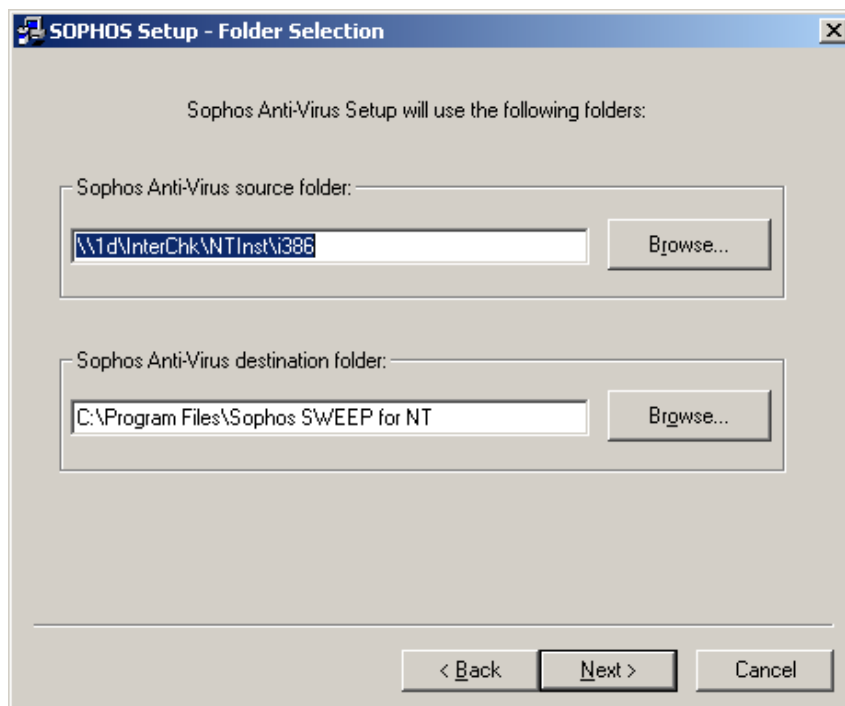
4. In the **Run** dialog box, click **OK**.



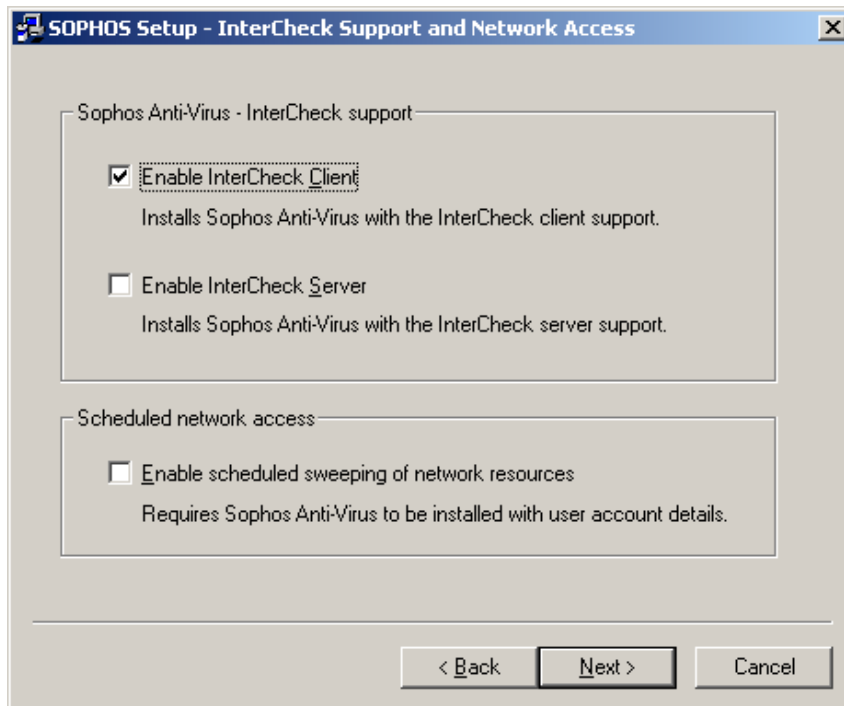
5. In the **SOPHOS Setup** dialog box, click **Next** to continue the installation.



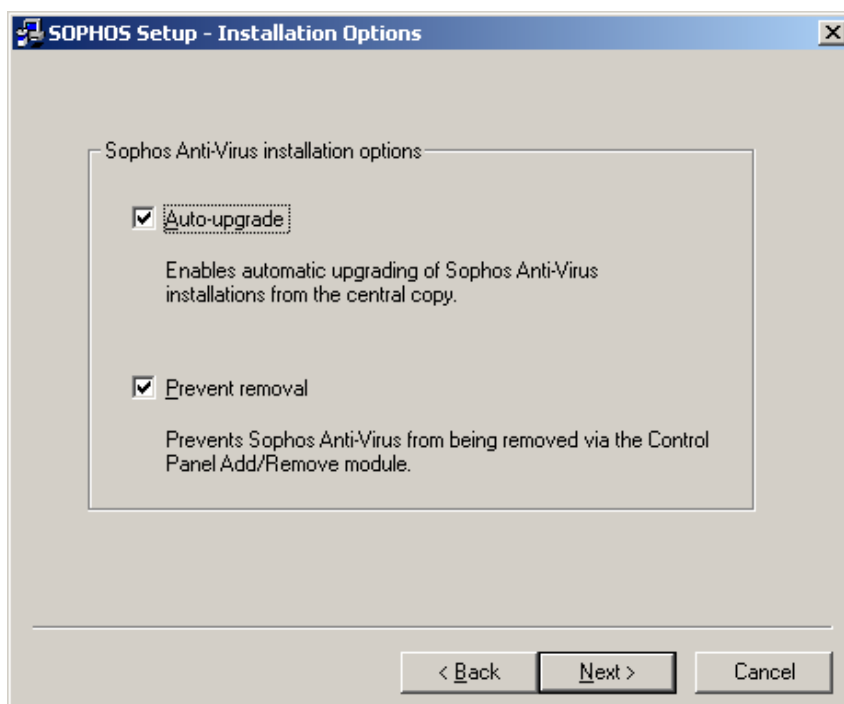
6. In the **SOPHOS Setup - Folder Selection** dialog box, click **Next** to accept the default folders.



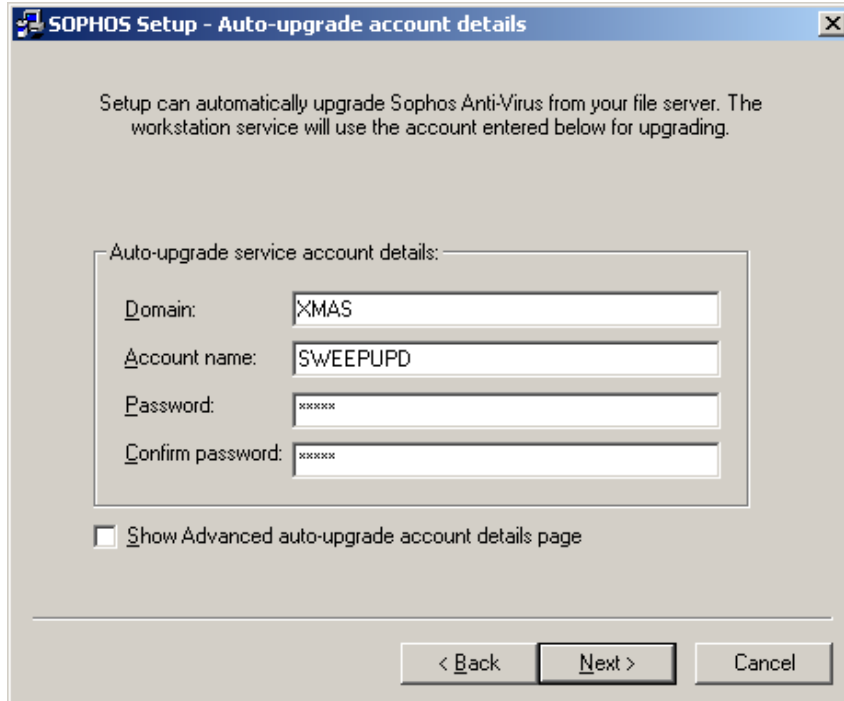
7. In the **SOPHOS Setup - InterCheck Support and Network Access** dialog box, select **Enable InterCheck Client**. Ensure that **Enable InterCheck Server** and **Enable scheduled sweeping of network resources** are deselected. Click **Next**.



8. In the **SOPHOS Setup - Installation Options** dialog box, ensure **Auto-upgrade** and **Prevent removal** are selected. Click **Next**.

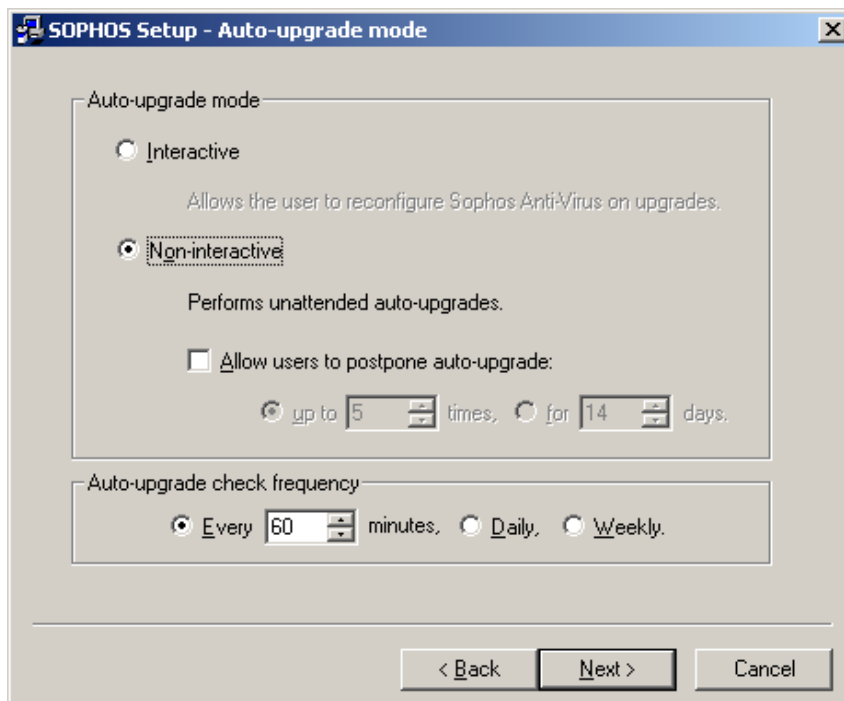


9. In the **SOPHOS Setup - Auto-upgrade account details** dialog box, type your domain name, your account name ('SWEEPUPD'), and the password you entered when you created the auto-update account. Click **Next**.



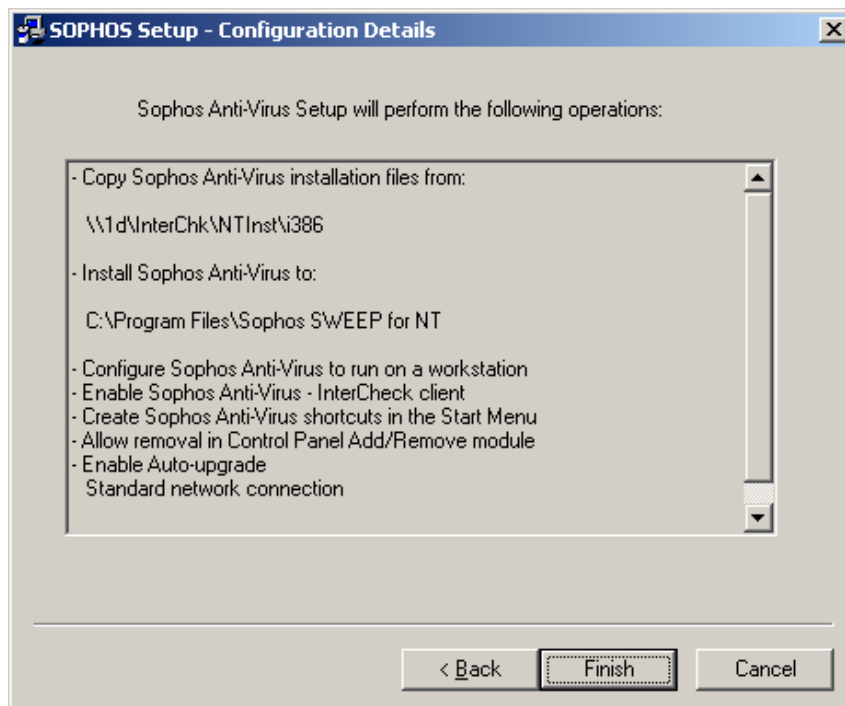
The screenshot shows the 'SOPHOS Setup - Auto-upgrade account details' dialog box. It contains a text area with the instruction: 'Setup can automatically upgrade Sophos Anti-Virus from your file server. The workstation service will use the account entered below for upgrading.' Below this is a section titled 'Auto-upgrade service account details:' containing four input fields: 'Domain:' with 'XMAS', 'Account name:' with 'SWEEPUPD', 'Password:' with 'XXXXXXXX', and 'Confirm password:' with 'XXXXXXXX'. There is a checkbox labeled 'Show Advanced auto-upgrade account details page' which is unchecked. At the bottom are three buttons: '< Back', 'Next >', and 'Cancel'.

10. In the **SOPHOS Setup - Auto-upgrade mode** dialog box, click **Non-interactive**. Deselect **Allow users to postpone auto-upgrade** and set the **Auto-upgrade check frequency** to 60 minutes. Click **Next**.



The screenshot shows the 'SOPHOS Setup - Auto-upgrade mode' dialog box. It has two main sections. The first section, 'Auto-upgrade mode', has two radio buttons: 'Interactive' (unselected) and 'Non-interactive' (selected). Below 'Non-interactive' is the text 'Performs unattended auto-upgrades.' and a checkbox 'Allow users to postpone auto-upgrade:' which is unchecked. Below this checkbox are two options: 'up to 5 times' (selected) and 'for 14 days'. The second section, 'Auto-upgrade check frequency', has three radio buttons: 'Every 60 minutes' (selected), 'Daily', and 'Weekly'. At the bottom are three buttons: '< Back', 'Next >', and 'Cancel'.

11. In the **SOPHOS Setup - Configuration Details** dialog box, click **Finish** to complete the installation.



12. In the **SOPHOS Setup** message box, click **Run SWEEP** if you wish to view the **Sophos Anti-Virus** window, or click **Exit**.



Now either repeat this procedure on each of the remaining Windows NT/2000/XP workstations in the network, or go to section 6.2 to install Sophos Anti-Virus on them all automatically.

## 6.2 Install Sophos Anti-Virus on the remaining workstations

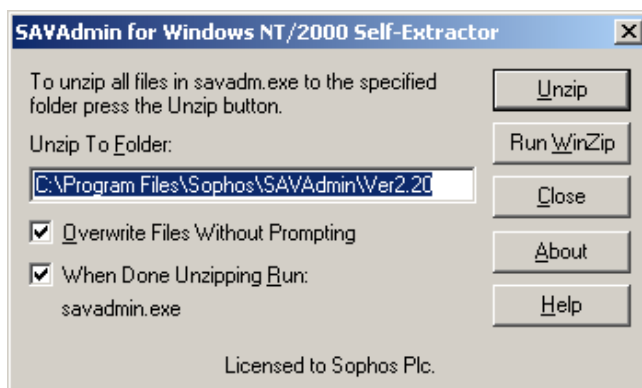
This section describes how to copy the installation you made in section 6.1 onto the other Windows NT/2000/XP workstations in the network.

❗ As this procedure involves the installation of a network administration tool (SAVAdmin), Sophos recommends that you perform it on a Windows NT/2000 workstation you would normally use to manage the network.

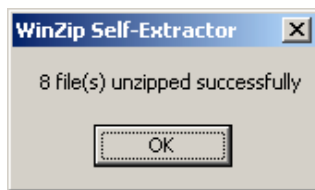
1. At the workstation, insert the Sophos CD.
2. In the **Sophos CD** window, click **Sophos Anti-Virus**.
3. At the next screen, click **SAVAdmin**.
4. At the next screen, start the SAVAdmin setup program.
5. In the **Winzip Self-Extractor** message box, click **OK**.



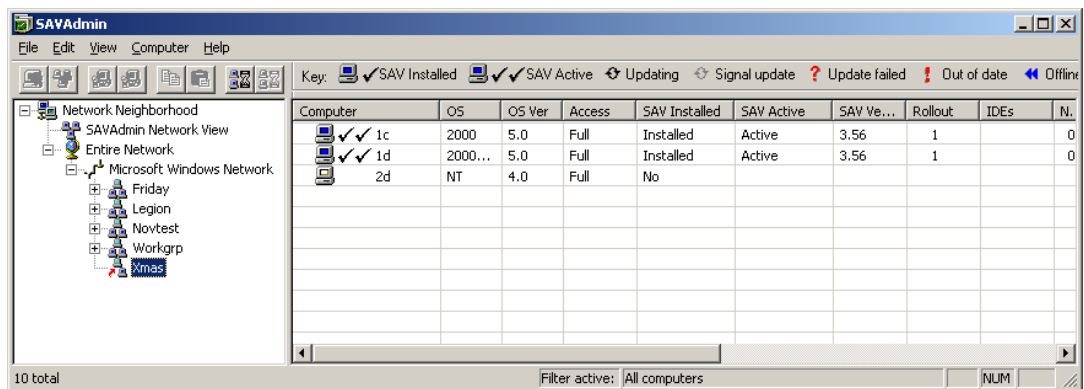
6. In the **SAVAdmin for Windows NT/2000 Self-Extractor** dialog box, click **Unzip**.



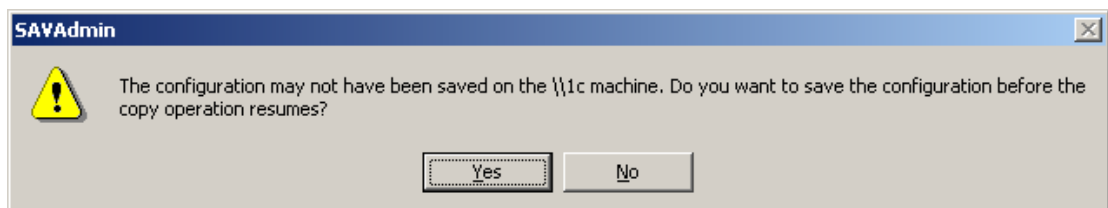
7. In the **WinZip Self-Extractor** message box, click **OK** to display the **SAVAdmin** window.



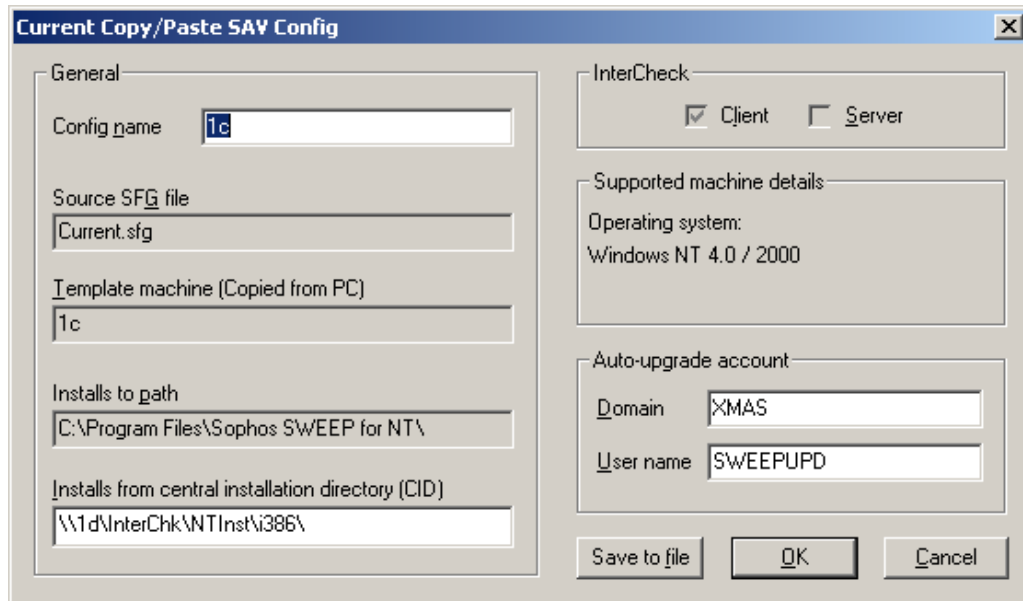
8. In the **SAVAdmin** window, in the left-hand pane, locate your domain and click it. The computers in the domain are shown in the right-hand pane. The server and the workstation on which you installed Sophos Anti-Virus in section 6.1 show **Installed** in the **SAV Installed** column.



9. Right-click the name of the workstation on which you installed Sophos Anti-Virus in section 6.1 to display a menu. Select **Copy SAV Config**.
10. In the **SAVAdmin** message box, click **Yes** to save the configuration.

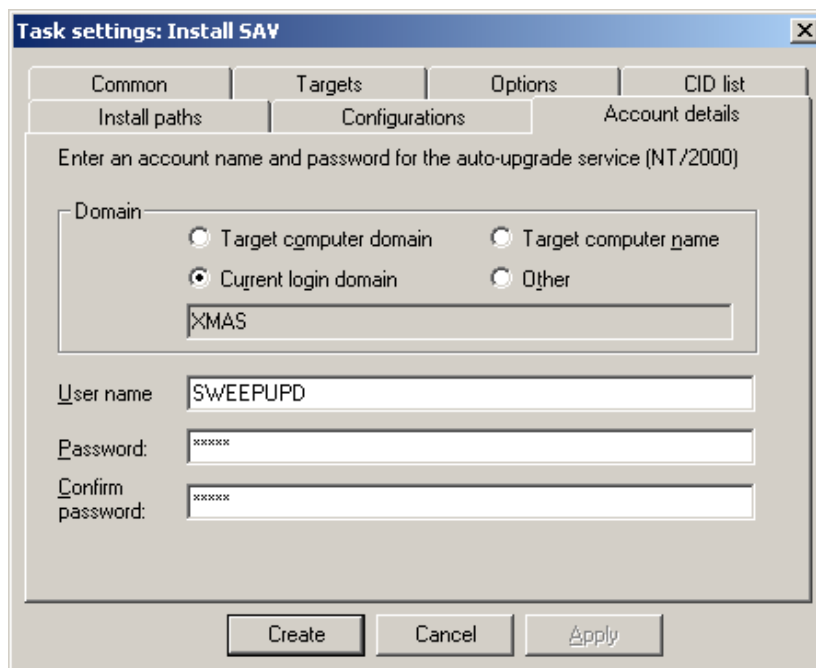


11. In the **Current Copy/Paste SAV Config** dialog box, ensure your domain name and SWEEPUPD are displayed in the **Auto-upgrade account** panel (bottom right-hand corner of the dialog box). Click **OK**.



12. In the **SAVAdmin** window, hold down the 'Ctrl' key and click the names of all the Windows NT/2000/XP workstations on which you would like to install Sophos Anti-Virus.
13. Right-click one of the selected workstations to display a menu. Select **Paste SAV Config**.

14. In the **Task Settings: Install SAV** dialog box, click the **Account details** tab. Click **Current login domain**. Check that the **Domain** name is correct. Type 'SWEEPUPD' in the **User name** text box, and type and confirm the password.



15. Click the **CID list** tab and ensure the correct path to the central installation directory is shown (see [Appendix 2](#) if you are not sure of the path). Click **Apply**, then click **Create**.
16. In the **SAVAdmin** message box, click **Yes** to start the installation.

In the **SAVAdmin** window you can see the workstations updating.

Users see the files being copied onto the workstations.

When installation is complete, SAVAdmin shows that the workstations have Sophos Anti-Virus installed. They are protected by InterCheck, which means all files are checked for viruses as they are accessed by the workstations.

You can use SAVAdmin to monitor workstation installations of Sophos Anti-Virus at any time. Savadmin.exe is located at

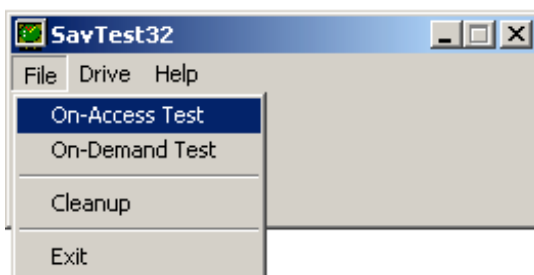
C:\Program Files\Sophos\SAVAdmin\Ver2.20

For more information about SAVAdmin, see the *SAVAdmin installation guide* or the *SAVAdmin user manual*.

Now test Sophos Anti-Virus (section 7).

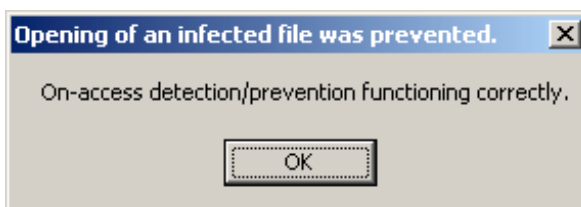
## 7 Testing Sophos Anti-Virus

1. At one of the Windows NT/2000 workstations on which you installed Sophos Anti-Virus in section 6, insert the Sophos CD.
2. Right-click the **Start** button to display a menu. Select **Explore** to open Windows Explorer.
3. Browse to the Tools\Utils folder and double-click SavTst32.exe.
4. In the **SavTest32** window, on the **File** menu, click **On-Access Test**.



SavTest32 creates a file that simulates a virus. Sophos Anti-Virus reports a virus find to the workstation and the server, and confirms that on-access detection/prevention is working.

💡 **On-access detection/prevention** is also known as InterCheck.



If SavTest32 reports that on-access detection/prevention is **not** functioning correctly, contact Sophos [technical support](#).

When you exit from SavTest32, the test file is deleted.

💡 If you would like to test Sophos Anti-Virus on a Windows XP workstation, you should first read the SavTest32 section of the utilities readme, located at Tools\Utils\Readutil.txt



***Installation on Windows 95/98/Me workstations***

## **8 Installing Sophos Anti-Virus on Windows 95/98/Me**

This section describes how to install Sophos Anti-Virus on the Windows 95/98/Me workstations on the network. In this section SAVAdmin is not used to install Sophos Anti-Virus on Windows 95/98/Me workstations. Instead, a simpler method using the login script is described.

There are three steps:

- Create a central installation directory (CID) for Windows 95/98/Me on the Windows 2000 server (section 8.1).
- Install Sophos Anti-Virus on the Windows 95/98/Me workstations (section 8.2).
- Enable SAVAdmin to monitor Windows 95/98/Me workstations (section 8.3).

### **8.1 Create the CID for Windows 95/98/Me**

Creating the central installation directory for Windows 95/98/Me involves two steps:

- Create the CID (section 8.1.1).
- Add the latest virus identity files (IDEs) to it (section 8.1.2).

### 8.1.1 Create the CID

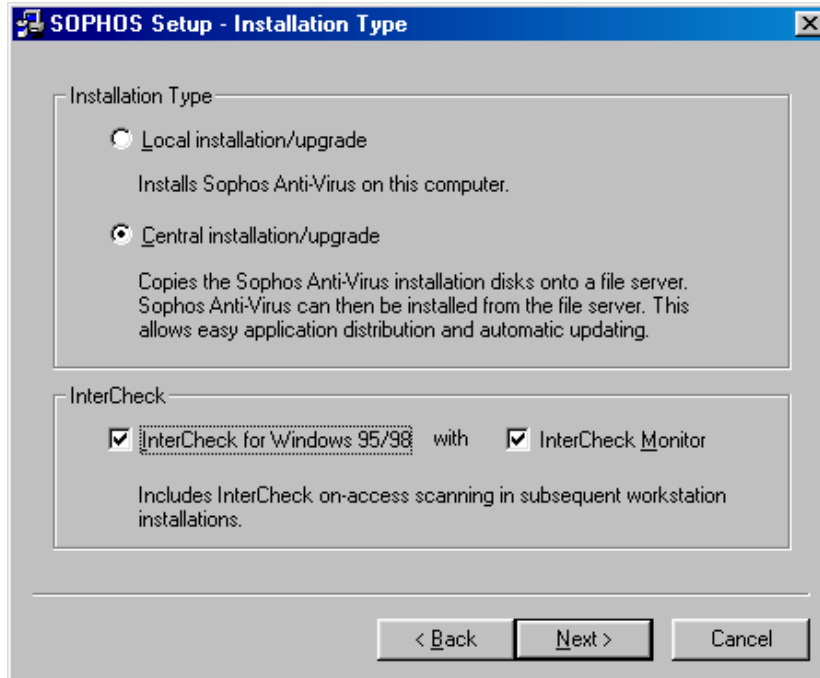
1. Log on to a Windows 95/98/Me workstation with Administrator rights to the Windows 2000 server.

If you have already downloaded and unzipped the Sophos Anti-Virus for Windows 95/98/Me files from the Sophos website, go to step 4.

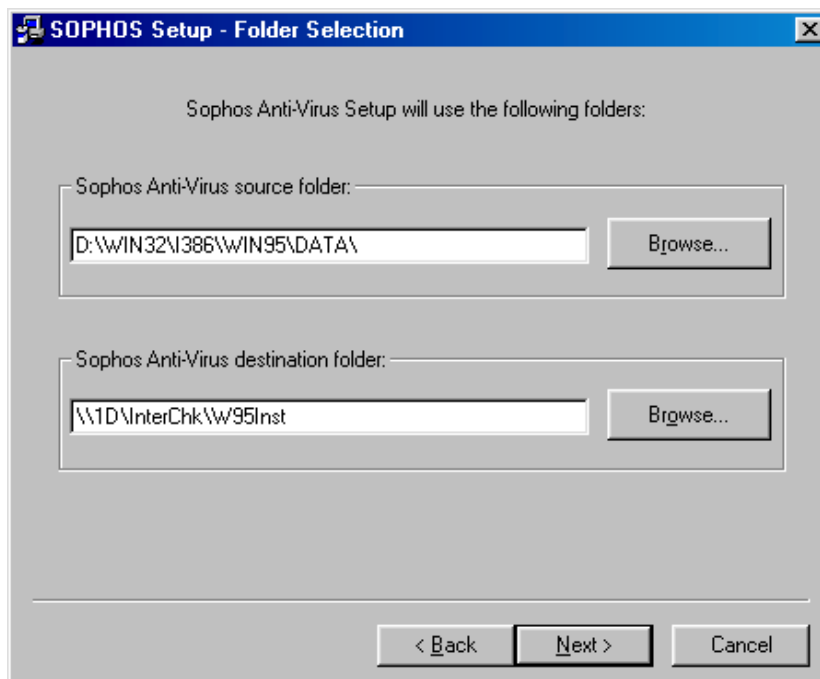
2. Insert the Sophos CD in the CD drive. The CD should auto-run. If auto-run is disabled, run D:\Launchcd (where D: is the CD drive).
3. In the **Sophos CD** window, click **Sophos Anti-Virus**. At the next screen, click **Windows 95/98/Me**, and start the setup program.
4. In the **SOPHOS Setup** dialog box, click **Next** to continue the installation.



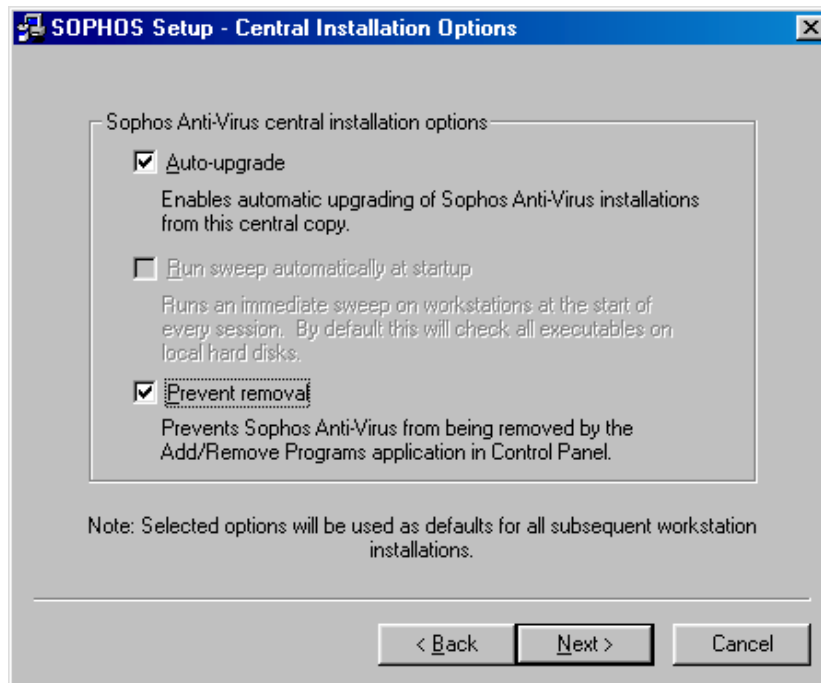
5. In the **SOPHOS Setup - Installation Type** dialog box, click **Central installation/upgrade**. Ensure **InterCheck for Windows 95/98** and **InterCheck Monitor** are selected. Click **Next**.



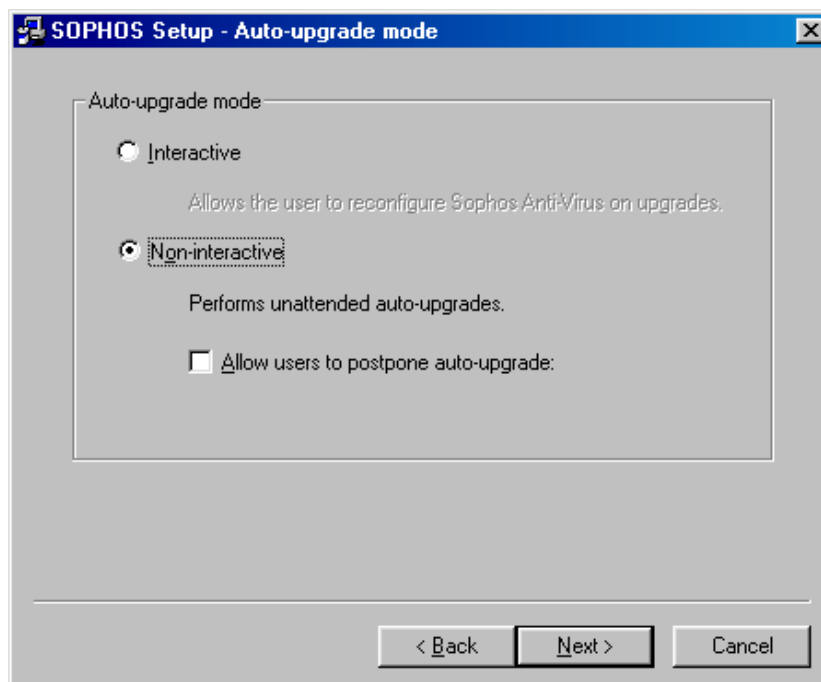
6. In the **SOPHOS Setup - Folder Selection** dialog box, click the lower **Browse** button. Browse to the InterChk share on the Windows 2000 server and click it. Click **OK** to return to the **SOPHOS Setup - Folder Selection** dialog box. Type '\\W95Inst' at the end of the path under **Sophos Anti-Virus destination folder**. Then click **Next**.



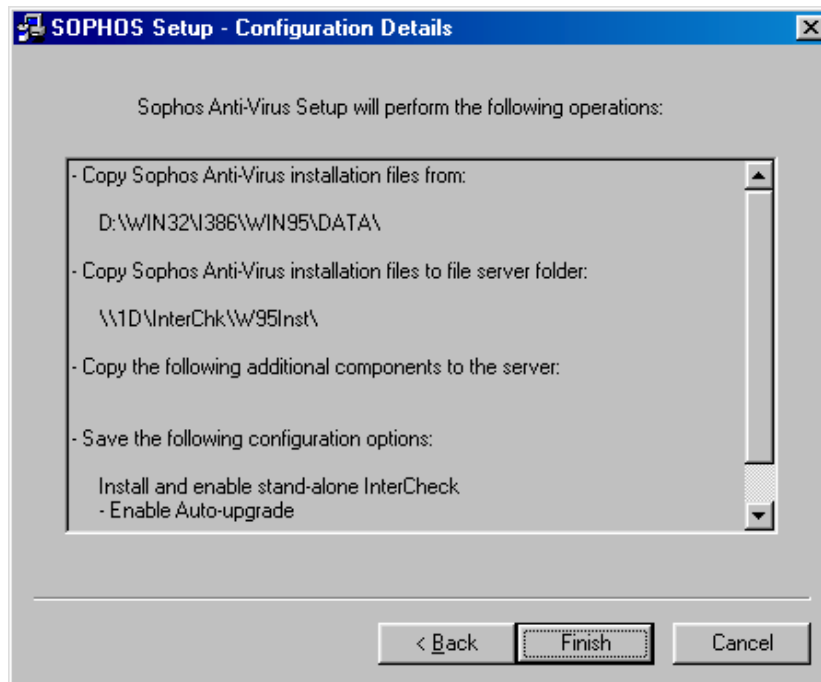
7. If you are prompted to create the destination folder, click **Yes**.
8. In the **SOPHOS Setup - Central Installation Options** dialog box, select **Auto-upgrade** and **Prevent Removal**. Click **Next**.



9. In the **SOPHOS Setup - Auto-upgrade mode** dialog box, click **Non-interactive**. Click **Next**.



10. In the **SOPHOS Setup - Configuration Details** dialog box, click **Finish** to complete the installation.



11. In the **SOPHOS Setup Complete** dialog box, click **OK**.



You have created the central installation directory. Now add the latest IDEs to it (section 8.1.2).

### **8.1.2 Add the latest IDEs to the CID**

1. Using Windows Explorer, find the folder  
`\\[servername]\InterChk\NTInst\i386`  
where [servername] is the name of your server.
2. The folder contains IDEs. Copy all files with the extension .ide to the folder  
`\\[servername]\InterChk\W95Inst`

Now install Sophos Anti-Virus on the Windows 95/98/Me workstations (section 8.2).

## **8.2 Install Sophos Anti-Virus on the Windows 95/98/Me workstations**

You can use one of two different methods to install Sophos Anti-Virus on the Windows 95/98/Me workstations:

- Use the login script to install Sophos Anti-Virus on all Windows 95/98/Me workstations simultaneously, as described in section 8.2.1.

or

- Install Sophos Anti-Virus on each workstation one at a time, by repeating the procedure described in [section 8.2.2](#).

### **8.2.1 To install Sophos Anti-Virus using the login script**

If you do not already have a login script, go to [Appendix 1](#) to find out how to create one.

If you already have a login script, add the following text to it:

```
\\[servername]\InterChk\W95Inst\setup.exe -inl -a
```

```
start /wait \\[servername]\InterChk\Savagent.exe -update -poll=3600
```

where [servername] is the name of the Windows 2000 server on which you created the central installation directory.

The next time users log in, installation will take place and they will see InterCheck scanning their workstations.

If you have installed the SAVAdmin administration tool and want to use it to monitor the Windows 95/98/Me workstations, go to [section 8.3](#).

If you have not installed SAVAdmin, go to [section 9](#) to test Sophos Anti-Virus.

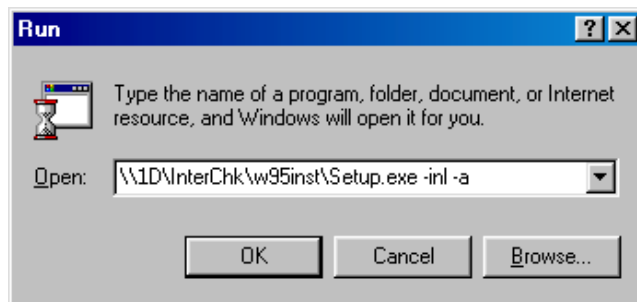
### 8.2.2 To install Sophos Anti-Virus on an individual workstation

To install Sophos Anti-Virus on an individual workstation do the following:

1. Log on to the workstation with Administrator rights to the Windows 2000 server.
2. At the taskbar, click **Start | Run**.
3. In the **Run** dialog box, click **Browse**. Locate and double-click Setup.exe in  
\\[servername]\InterChk\W95Inst

where [servername] is the name of the Windows 2000 server on which you created the central installation directory.

4. In the **Run** dialog box, type '-inl -a' at the end of the path. Click **OK**.



The Sophos Anti-Virus files are copied onto the workstation. When they have been copied, Sophos Anti-Virus warns you that the workstation will restart.

When the workstation restarts, InterCheck scans the workstation.

5. Repeat this procedure at each workstation on which you would like to install Sophos Anti-Virus.

If you have installed the SAVAdmin administration tool and want to use it to monitor the Windows 95/98/Me workstations, go to [section 8.3](#).

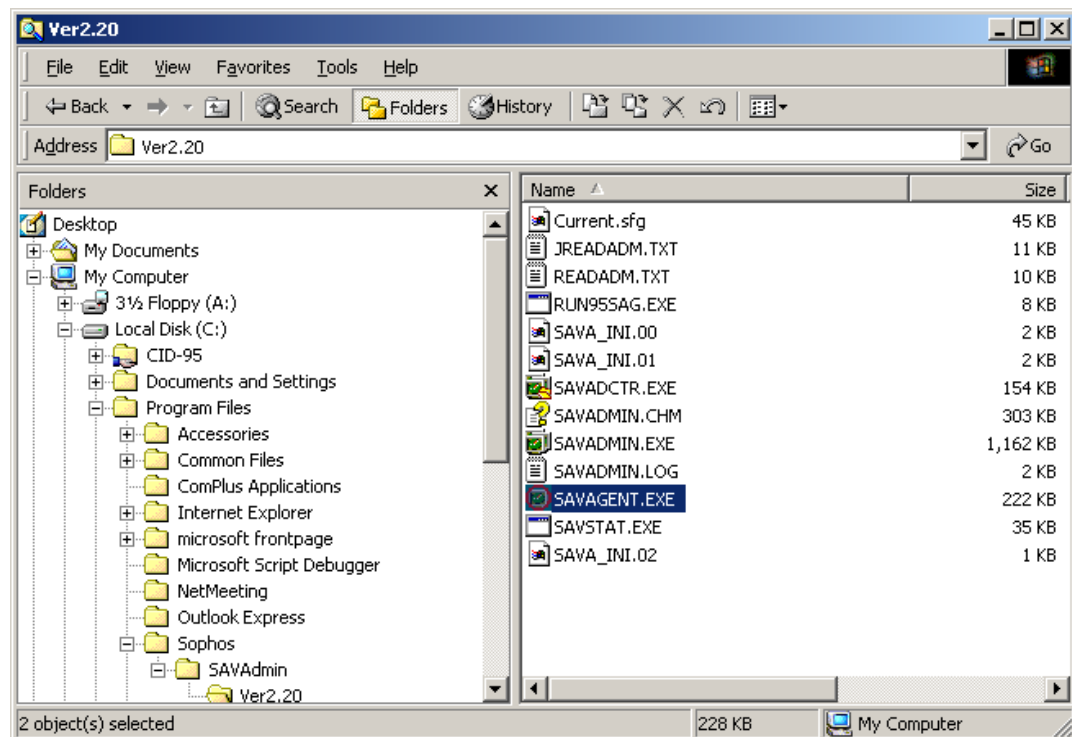
If you have not installed SAVAdmin, go to [section 9](#) to test Sophos Anti-Virus.

### 8.3 Enable SAVAdmin to monitor Windows 95/98/Me workstations

If you chose not to install SAVAdmin during installation on Windows NT/2000/XP workstations, go straight to [section 9](#) to test Sophos Anti-Virus.

You enable SAVAdmin to monitor Windows 95/98/Me workstations by making the SAVAgent utility available for distribution by your login script (see [section 8.2.1](#)), as follows:

1. At the workstation on which you installed SAVAdmin, right-click the **Start** button to display a menu and select **Explore**.
2. In Windows Explorer, locate  
C:\Program Files\Sophos\SAVAdmin\Ver 2.20  
and click it. Single-click Savagent.



3. On the **Edit** menu, click **Copy**.

4. In Network Neighborhood (Windows NT) or My Network Places (Windows 2000/XP), locate

\\[servername]\InterChk

where [servername] is the name of the Windows 2000 server on which you created the CID.

Open the InterChk shared folder.

5. On the **Edit** menu, click **Paste**.

The file is copied to the InterChk shared folder.

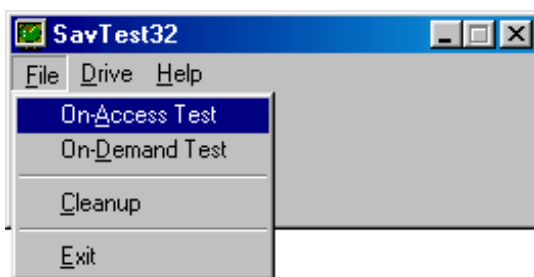
The next time users log in, the login script will place the SAVAgent utility on the Windows 95/98/Me workstations, enabling SAVAdmin to monitor them.

For more information about SAVAdmin, see the *SAVAdmin installation guide* or the *SAVAdmin user manual*.

Now test Sophos Anti-Virus (section 9).

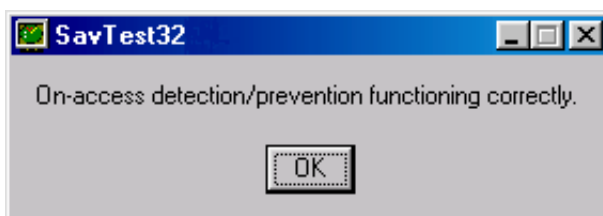
## 9 Testing Sophos Anti-Virus

1. At one of the Windows 95/98/Me workstations on which you installed Sophos Anti-Virus in section 8, insert the Sophos CD.
2. Right-click the **Start** button to display a menu. Select **Explore** to open Windows Explorer.
3. Browse to the Tools\Utils folder and double-click SavTst32.exe.
4. In the **SavTest32** window, on the **File** menu, click **On-Access Test**.



SavTest32 creates a file that simulates a virus. Sophos Anti-Virus reports a virus find to the workstation and the server, and confirms that on-access detection/prevention is working.

💡 **On-access detection/prevention** is also known as InterCheck.



If SavTest32 reports that on-access detection/prevention is **not** functioning correctly, contact Sophos [technical support](#).

When you exit from SavTest32, the test file is deleted.

## ***Appendices***

## Appendix 1 Creating a login script

Follow the instructions in this section if you intend to use the login script to install Sophos Anti-Virus on your Windows 95/98/Me workstations, but you do not yet have a login script.

There are two steps.

- Create the login script (Appendix 1.1).
- Assign the login script (Appendix 1.2).

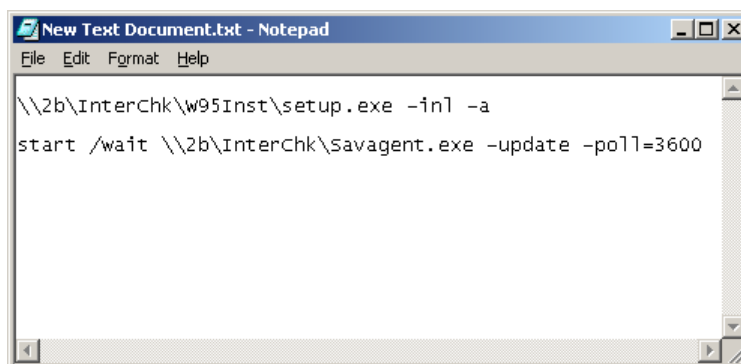
### Appendix 1.1 Create the login script

Create the login script as follows:

1. At the Primary Domain Controller (i.e. the computer you use to add new users to the domain) use Windows Explorer (or My Computer) to locate  
C:\Winnt\SYSvol\sysvol\[domain].com\scripts
2. On the **File** menu, select **New** and click **Text Document**.
3. Open the new text document and type the following text:

```
\\[servername]\InterChk\W95Inst\setup.exe -in1 -a  
start /wait \\[servername]\InterChk\Savagent.exe -update -poll=3600
```

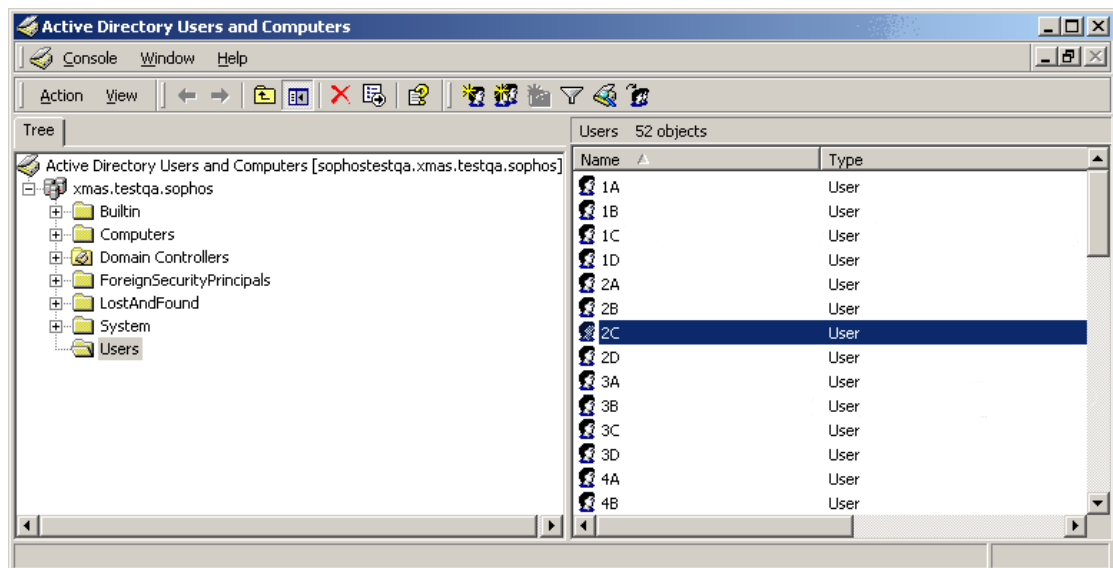
where [servername] is the name of the Windows 2000 server on which you created the central installation directory.



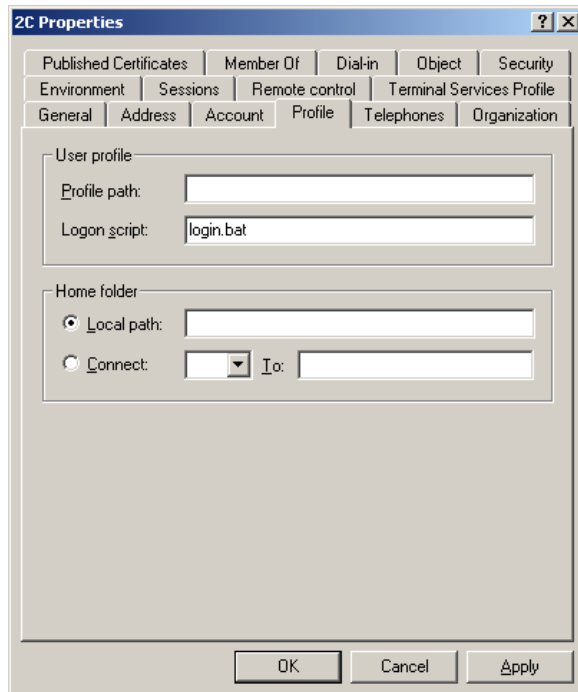
4. In the **File** menu, click **Save As**. In the **Save As** dialog box, change **Save as type** to **All Files** and save the file with the name login.bat.
5. Close Notepad and Windows Explorer (or My Computer).

## Appendix 1.2 Assign the login script

1. At the taskbar, click **Start|Settings|Control Panel**.
2. In the **Control Panel** window, double-click **Administrative Tools**.
3. In the **Administrative Tools** window, double-click **Active Directory Users and Computers**.
4. In the **Active Directory Users and Computers** window, click the **Users** folder in the **Tree** pane.
5. In the **Name** list, right-click the name of a user that needs to have Sophos Anti-Virus installed. In the menu that is displayed, select **Properties**.



6. In the **[user] Properties** dialog box (where [user] is the name of the user you right-clicked), click the **Profile** tabbed page. In the **Logon script** text box, type 'login.bat'.



The next time the user logs in, installation will take place. InterCheck will scan the workstation.

Now repeat this procedure for each user to whom you want to assign the login script.

If you have installed SAVAdmin and want to use it to monitor Windows 95/98/Me workstations, go to [section 8.3](#).

Otherwise, go to [section 9](#) to test Sophos Anti-Virus.

## Appendix 2 About the installation

This section lists the folders and accounts used in the Sophos Anti-Virus installation. You will need this information when adding workstations to the network or when updating Sophos Anti-Virus. Blanks are left for your own information.

- Name of Windows 2000 server used for installation (p3):

.....

- Domain to which the Windows 2000 server belongs (p3):

.....

- Central installation directory for Sophos Anti-Virus for Windows NT/2000/XP installation files as seen from the server:

C:\Program Files\Sophos SWEEP for NT\NTInst\i386

- Update account username (p15):

SWEEPUPD

- Update account password (p15):

.....

**! If you write your password here, store this Installation Guide securely.**

- Central installation directory for the Sophos Anti-Virus for Windows NT/2000/XP installation files as seen from workstations:

\\[servername]\InterChk\NTInst\i386

- Central installation directory for the Sophos Anti-Virus for Windows 95/98/Me installation files as seen from workstations:

\\[servername]\InterChk\w95inst