

AVG INTERNET SECURITY 8.0 Installation, Configuration and Use for AARP Tax-Aide

The following pages show how to install and configure version 8.0 of the AVG Internet Security suite, including the Antivirus and Firewall components, for use on AARP purchased and donated computers used in the AARP Tax-Aide program.

The AVG Security Suite has many components. The two that we want to focus on are those that provide 1) Antivirus protection from threats introduced by removable media or downloaded files, and 2) Firewall protection against threats arriving over an attached network.

Complete AVG 8.0 installation and configuration instructions are provided in this document for use on computers that are not involved with local networking. For computers that participate in TaxWise client/server networking or networking for printer sharing, this document covers AVG 8.0 program installation and configuration of the Antivirus component; configuration of the Firewall component for networking is covered in Appendix C of the "Networking TaxWise for Tax-Aide" document, also posted on the AARP Tax-Aide ExtraNet Technology web page.

IRS Computer Loan Program computers come loaded with antivirus software other than AVG and depend on the Windows firewall for protection from network-originated threats. Do not install AVG on an IRS Computer Loan Program computer. The two antivirus programs will fight and the computer will probably not work well.

AVG Internet Security 8.0 Installation

If you have already installed AVG 8.0 and want to reconfigure its Firewall component, skip ahead to the end of the discussion of the First Run Wizard, after step 7 on page 3.

The information you will need to download and activate AVG 8.0 are contained in the file captioned "AVG Information (9/08)" on [the AARP Tax-Aide ExtraNet Technology web page, http://www.aarp.org/sk/taxaide/technology.html](http://www.aarp.org/sk/taxaide/technology.html). The password for this file is the Windows login password that was used by volunteers on IRS Computer Loan Program laptops for TY2007.

Download the AVG 8.0 installer and select Standard installation. If AVG 7 is installed, the AVG 8.0 installation process will uninstall the older version.

On the Activation screen, copy our AVG 8.0 license key from the "AVG Information (9/08)" document and paste it into the License number field.

AVG 8.0 build 169 (8/25/2008)

Activate your AVG License

User name:

Company name:

License number:

If you purchased the software online, your license number will have been sent to you by e-mail. To avoid typing errors, we recommend cutting and pasting the number from the e-mail to this screen.

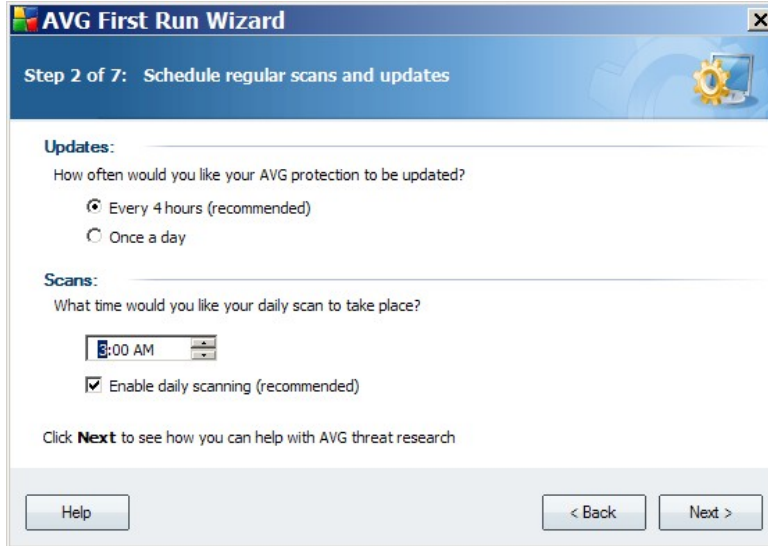
If you purchased the software in a retail store, you will find the license number on the product registration card included with the package. Take care to copy the number correctly.

< Back Next > Exit

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You can accept or reject (recommended) the offer to install the optional AVG Security Toolbar; your networking security will not be affected by your choice.

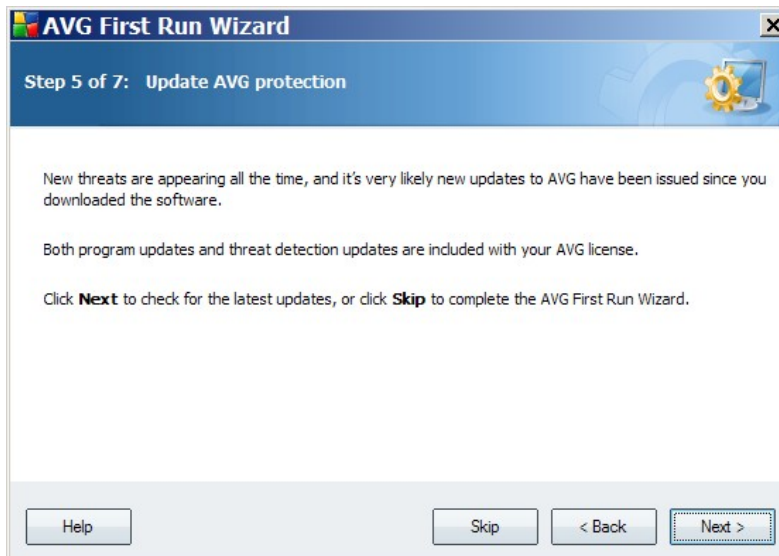
When you finish the installation, the AVG First Run Wizard will start automatically.



Select downloading of updates every 4 hours. Nothing bad will happen if the computer is not connected to the Internet for a scheduled download. Daily scanning is probably not necessary if all that the computer is doing is TaxWise. If you enable daily scanning and set it for 3am, and then you leave the computer on overnight, the scan will happen. If it does not get to happen, it will not start automatically when you turn the computer on at a later time, unless you select that option elsewhere. You probably do not want a scan to run when you are actually trying to boot up and use the computer. So, don't set that option.

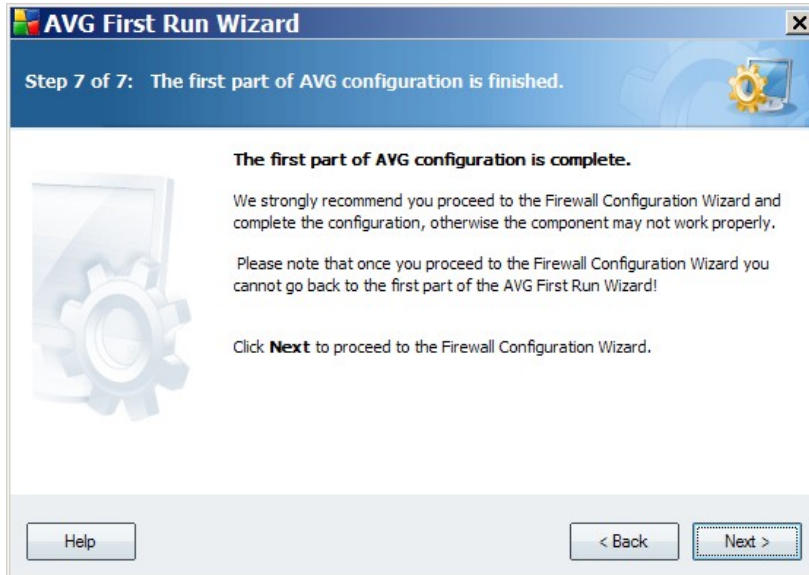
Disconnect all Ethernet cables and turn off the wireless LAN radio, if any.

Choose your own answers in steps 3 and 4 of the First Run wizard. In step 5, **Skip** updates for now, since the network adapters are not connected.



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First Run Wizard Step 7 transitions to the Firewall Configuration Wizard. Click **Next**.



Run the Firewall Configuration Wizard:

The following Firewall configuration procedure is **only for computers that will not participate in local networking**.

If this computer will participate in local networking for printer sharing or for TaxWise client/server networking, do not follow this Firewall configuration procedure. Instead, use the Firewall configuration procedure in Appendix C of the "Networking TaxWise for Tax-Aide" document on the AARP Tax-Aide ExtraNet Technology web page. After following that procedure, return to these instructions at "Continue here if you are returning from configuring the Firewall for network use," on page 9.

If you have already installed AVG but want to reconfigure the Firewall, launch AVG; then on the Overview page, double click on the **Firewall** component; then click **Configuration wizard**.

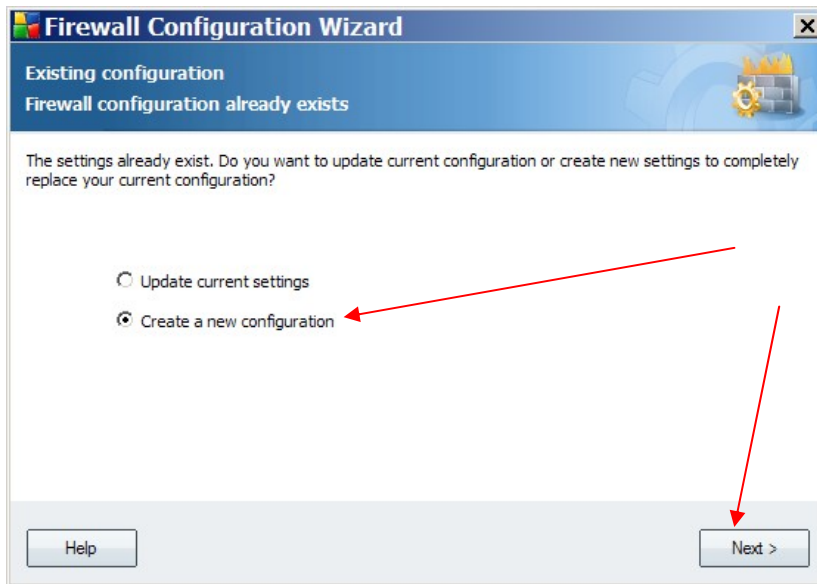
AVG 8.0 has four built-in Firewall profiles. Additional profiles can be added, but this is not needed, and is beyond the scope of this document. The four provided are:

1. **Standalone Computer.** This would be a computer that is connected to the Internet via dial-up or direct connection to a Cable or DSL modem without a router being in place. File and Printer sharing is NOT permitted with this profile.
2. **Computer on the Move.** A computer that is "mobile" and can connect to any available network. This is typical for laptops that are moving around and connecting to wireless "hot spots" or other unsecured networks. File and Printer sharing is not permitted with this profile AND NEVER SHOULD BE!!
3. **Computer In Domain.** This is generally a computer on a controlled and managed network, as in a school or larger business. Such a network is completely protected from the outside world. File and Printer sharing is permitted with this profile.

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4. **Small Home or Office Network.** (New in AVG 8.0) This is generally a computer on a network that is not actively managed. In this Firewall profile, networks can potentially be defined as “safe,” and individual network adapters can be defined as “safe” or “unsafe.” File and Printer sharing is permitted on “safe” networks or adapters, but is blocked on “unsafe” ones.

The following steps will set up the AVG Firewall configuration from scratch. This is best done when the computer is not connected to a network of any kind. The network adapters need to be enabled on the Windows Network Connections screen, but any actual network connections need to be prevented by unplugging an Ethernet cable or turning off a wireless adapter’s radio.

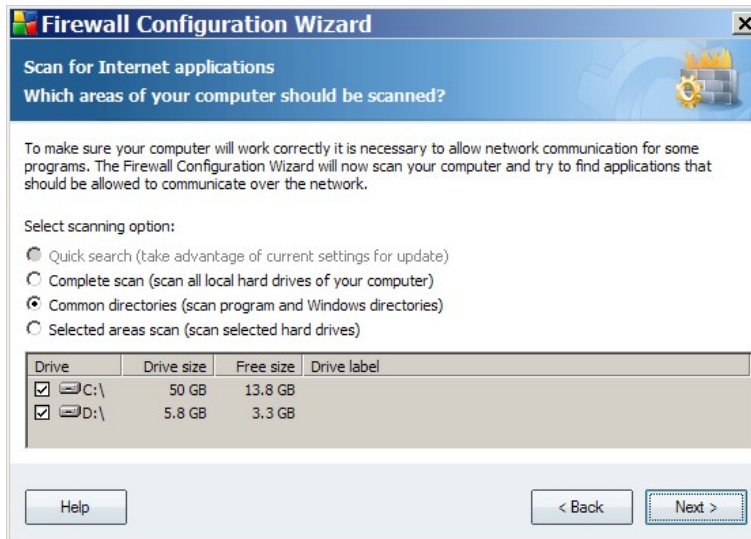


Make sure “**Create a new configuration**” is checked and click **Next**

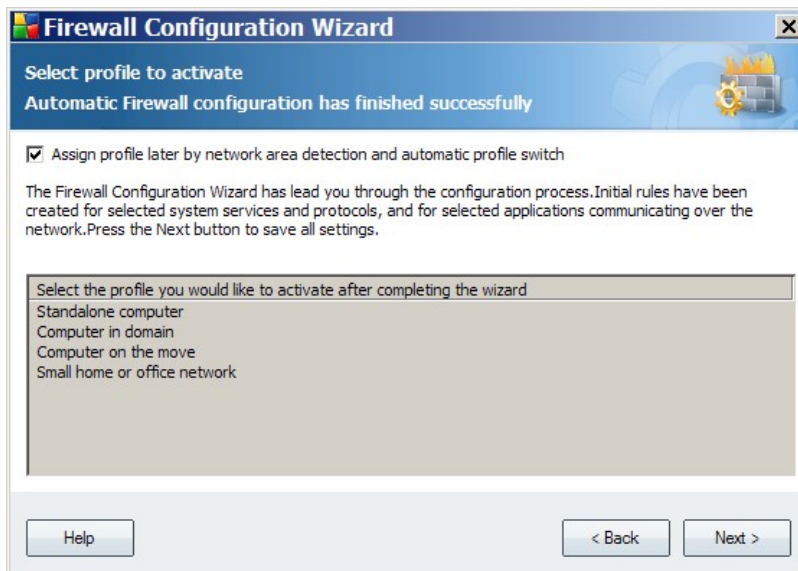


As a computer can be used with a variety of different connections to the Internet make sure that all four options are checked. Click **Next**.

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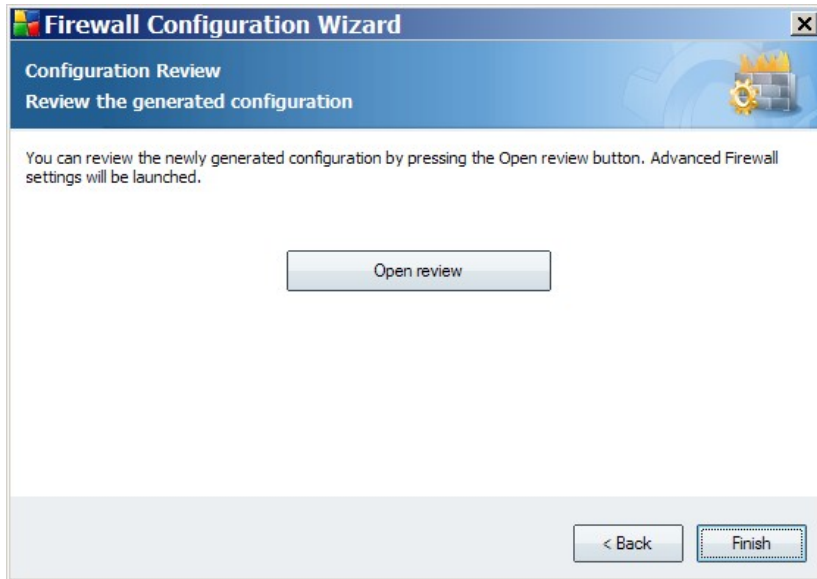
Let the wizard do a scan of common directories to “find” known applications which will want to connect to the Internet. This is a fully automatic process. Click **Next** and let the scan complete.



This display controls whether Area Detection and Automatic Profile Switch are turned on.

Leave the box checked to enable Area Detection and Automatic Profile Switch. Click **Next**.

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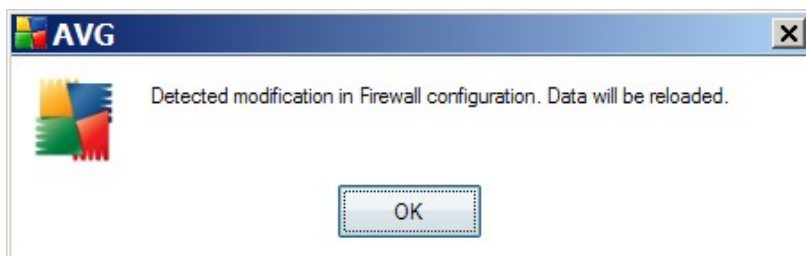
On the Configuration Review screen, click **Finish**.

You may see a confirmation dialog like this:



If so, click **Yes**.

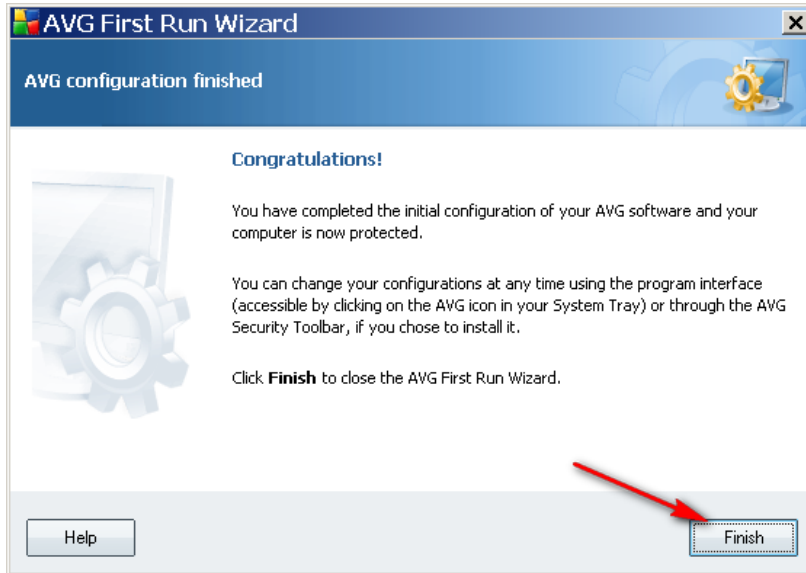
You may also see this dialog:



If so, Click **OK**.

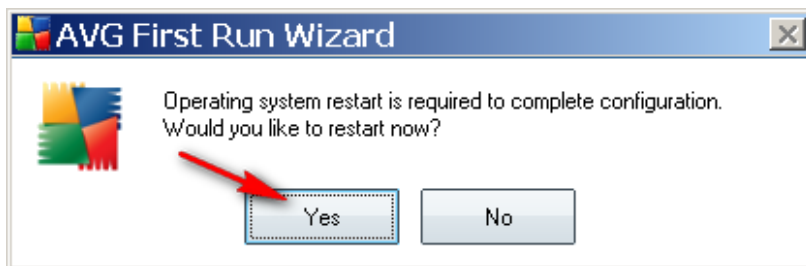
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If you are completing the AVG First Run wizard, you will see this screen:



If so, click **Finish**.

You may also see this screen:

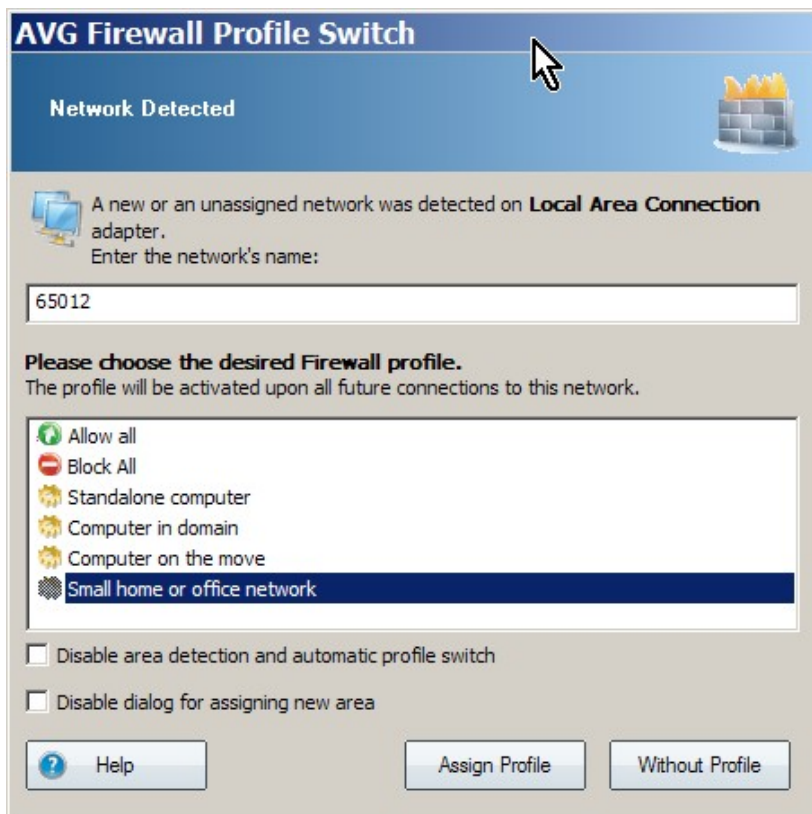
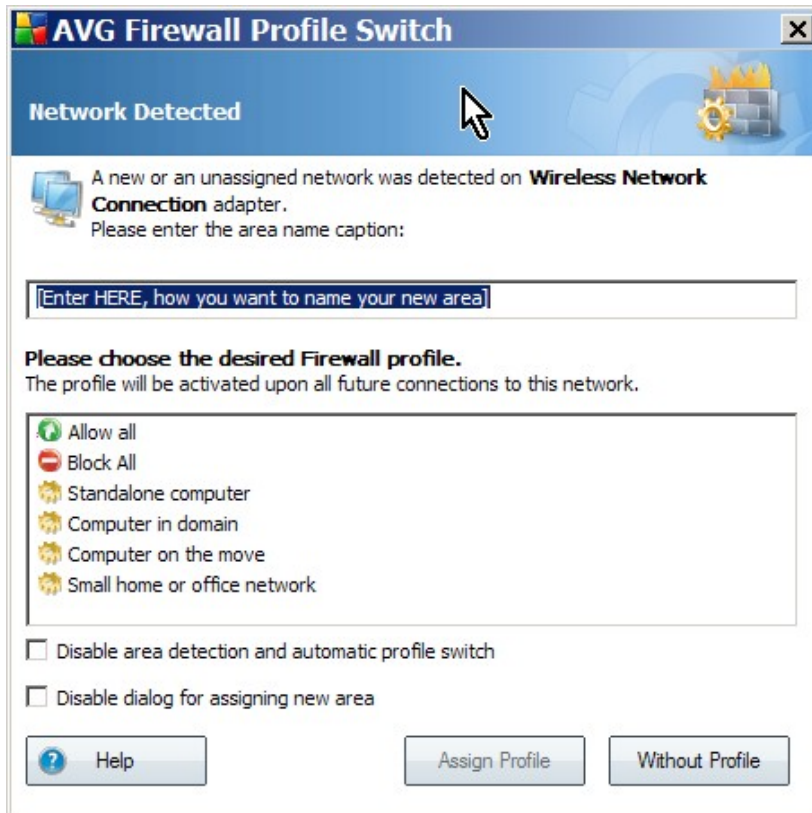


If so, click **Yes**, and wait for the computer to restart.

Connect one of the network adapters on the computer to the Internet.

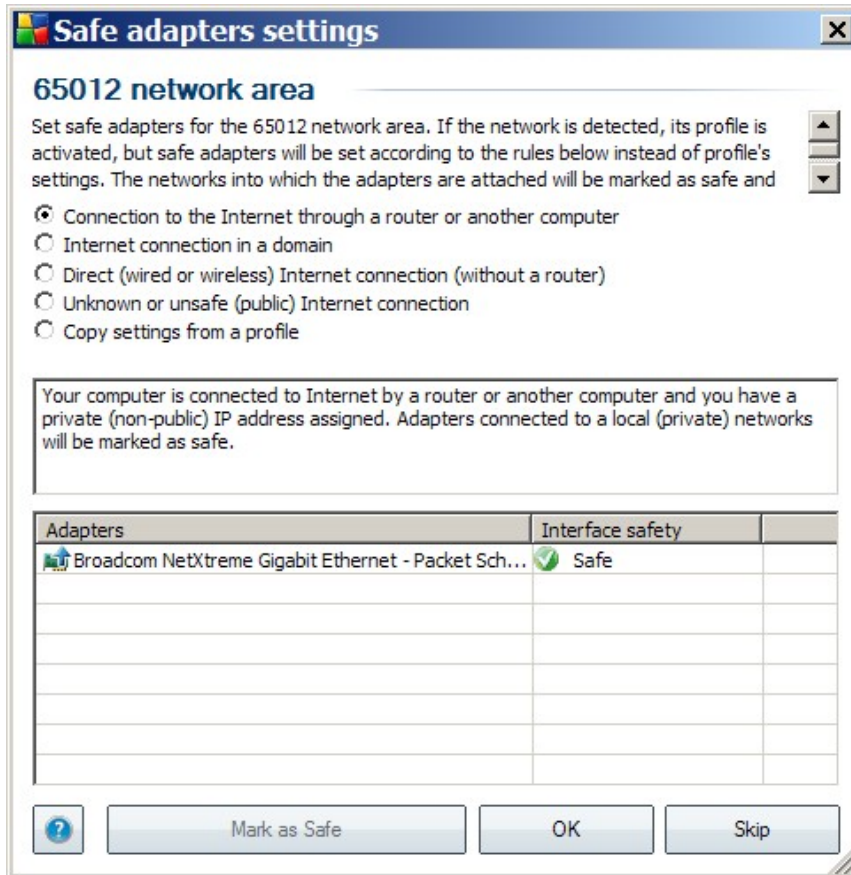
A Network Detected pop-up should appear (next page). Enter a name by which you will know the newly detected area and select the appropriate firewall profile for the area; then click **Assign Profile**.

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If you assigned the "Small home or office network" profile, the Safe adapters settings screen will be displayed. Select the radio button that describes how the computer connects to the Internet through this adapter when connected to this area.



Click **OK**.

Continue here if you are returning from configuring the Firewall for network use.

Now you will intermittently get dialogs asking whether it is OK for some program to access the Internet, as in this screen:



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If the program is one that you recognize, you can click the **Save my answer as a permanent rule and do not ask me next time** checkbox, then click **Allow for all**. If you do not recognize the program, you can click on **Block** and see what happens next. If it keeps asking but all is working well, you may want to check the **Save my answer...** box and click **Block**.

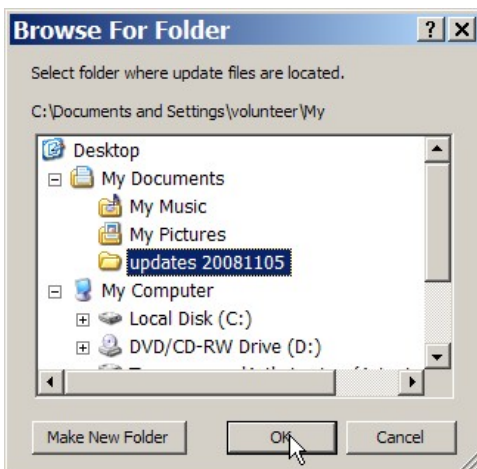
You can complete the installation and setup of AVG in either of two ways: **online** (recommended) or **offline**.

Online Update Method: With the computer connected to the Internet, on the AVG User Interface screen, click on **Update Now**. Skip the offline method steps; go to the next page.

Offline Update Method: This method applies program and virus definition updates that have been previously downloaded from www.avg.com/updates to a folder on a CD or flash drive. On the AVG User Interface screen, on the **Tools** menu, select **Update from directory...**

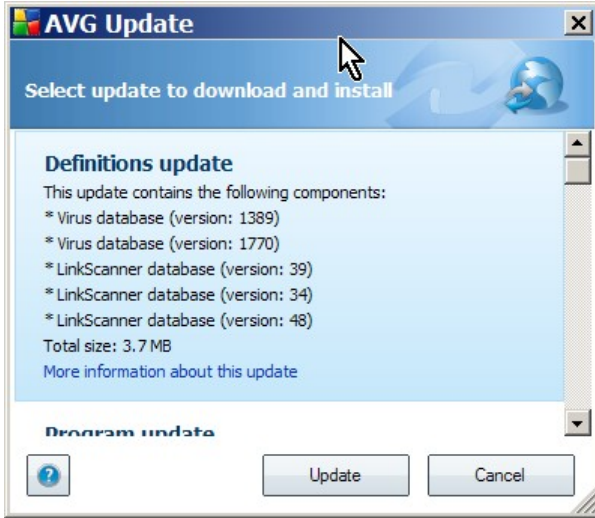


Browse for and select the folder that contains the downloaded updates and click **OK**.

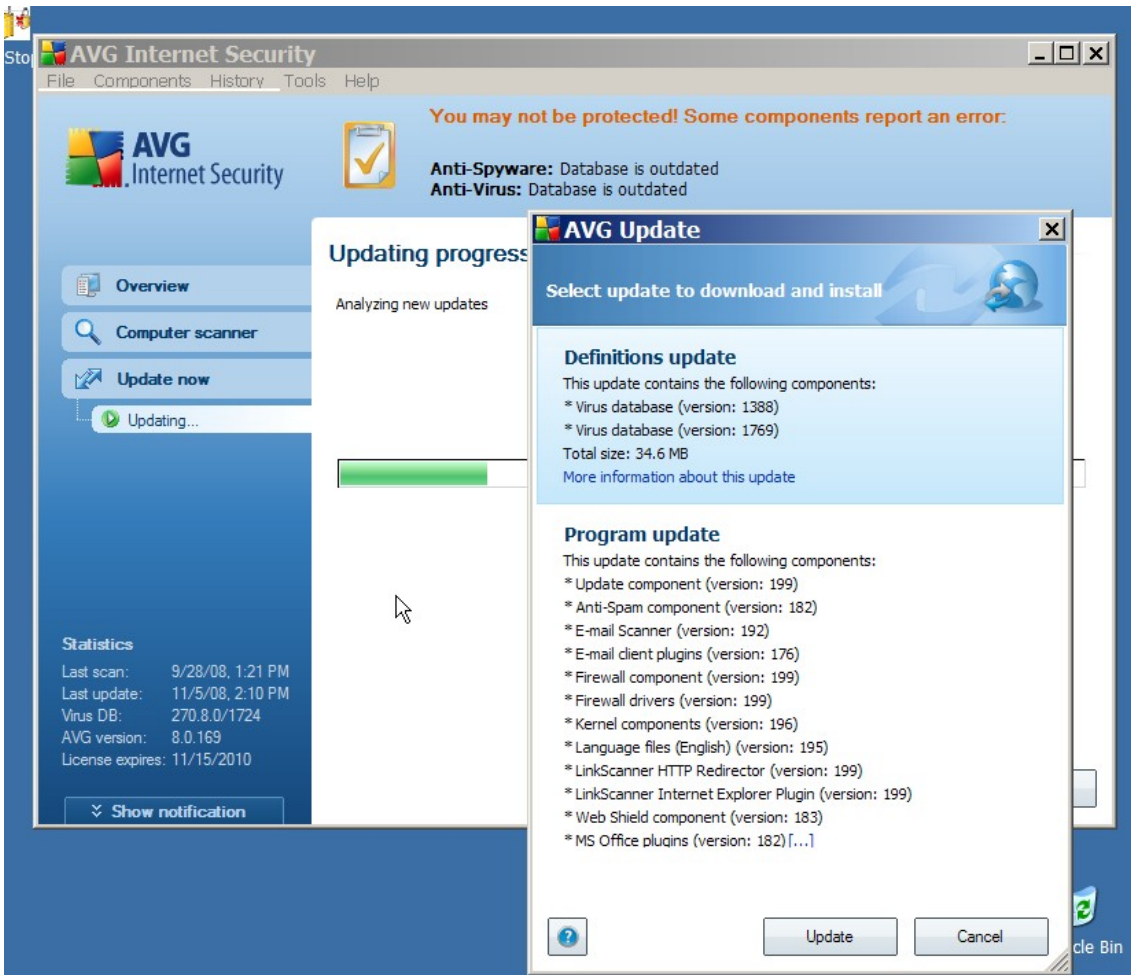


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Using either the online or offline update method, you may now see a screen like this one:



Note that there may be a vertical scroll bar on this window. If there is, make the window taller so that you can see the hidden additional optional update:



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In this case, there is a definitions only update available, as well as a program update that includes the definitions update. Click on the "Program Update" area to select it; it will turn from white to blue:



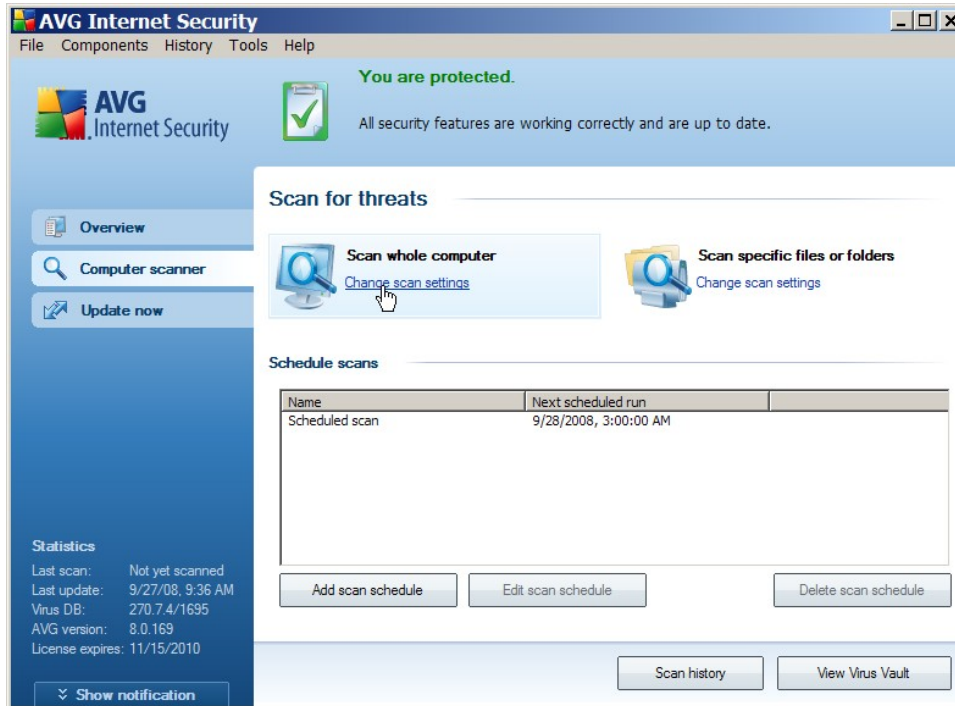
Then click **Update**. When the update completes, you may be asked to restart the computer.

After the restart, if requested, you should see this screen, with **You are protected** in green:

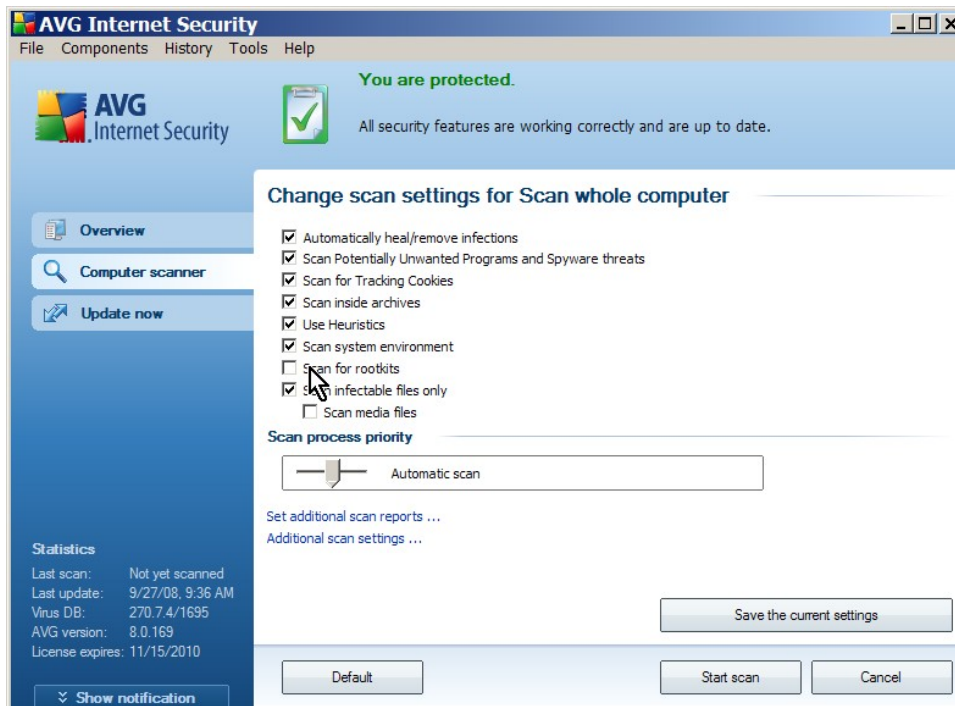


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Now click on the **Computer scanner** tab:

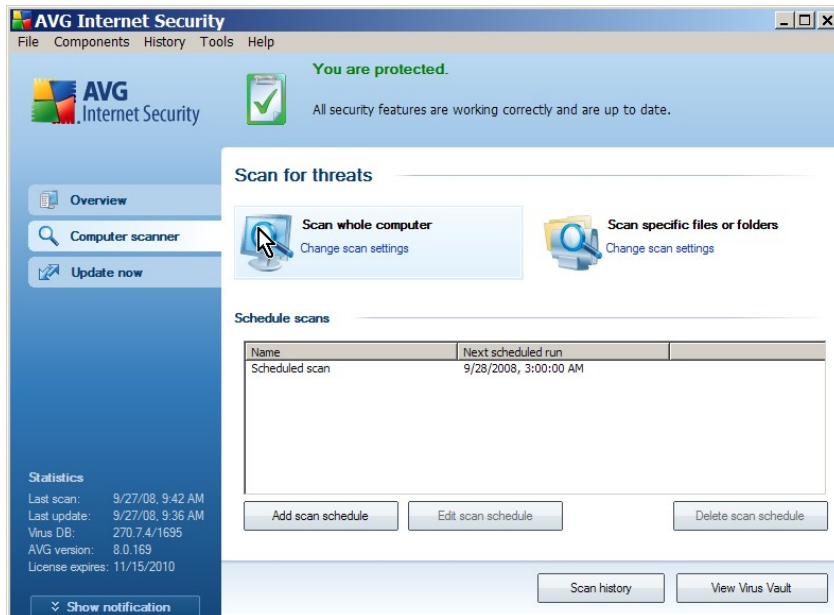


Click on **Change scan settings**.



Check the box for **Scan for rootkits**, then click **Save the current settings**.

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Then click **Scan whole computer**. It will take a good while, perhaps an hour or so. At the end, it will tell you whether it found anything bad and what it did with the offending code, and you will click **OK**.

When you are finished, your display should look pretty much like this:

