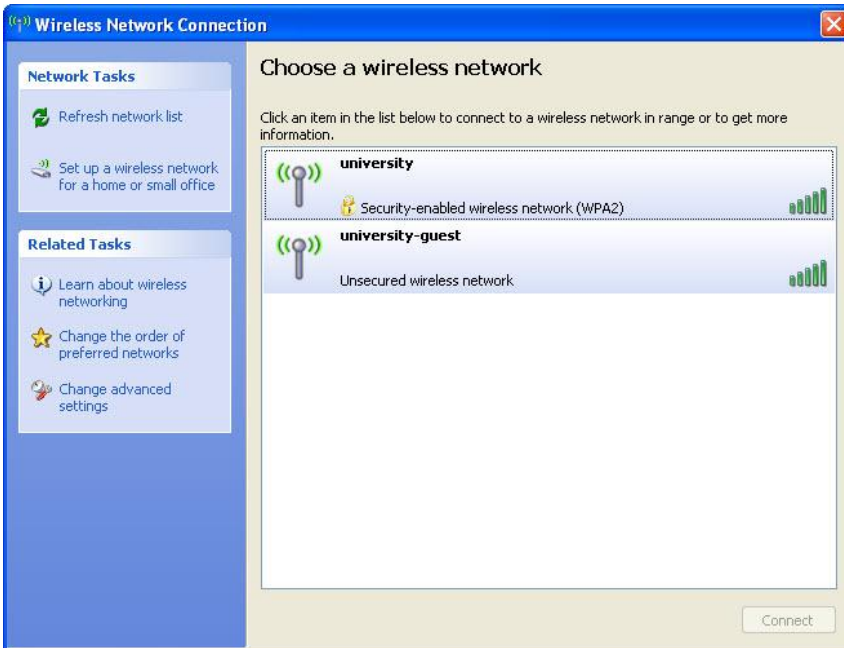


Title: **Wireless and Cisco NAC Setup for Windows XP (32 or 64bit)**

Application: Windows XP – using Wireless and Cisco NAC

Description: Connect to university wireless using Cisco NAC Agent.

Date Modified: January 9th, 2011



1. Look for the Wireless icon on the system tray (lower right of the screen) – if it's not shown, you may need to expand the System Tray by clicking on the "<" button
2. Right-click the Wireless icon and select "View Available Wireless Connections"
3. If your wireless adapter is working correctly you should see "University" as an option

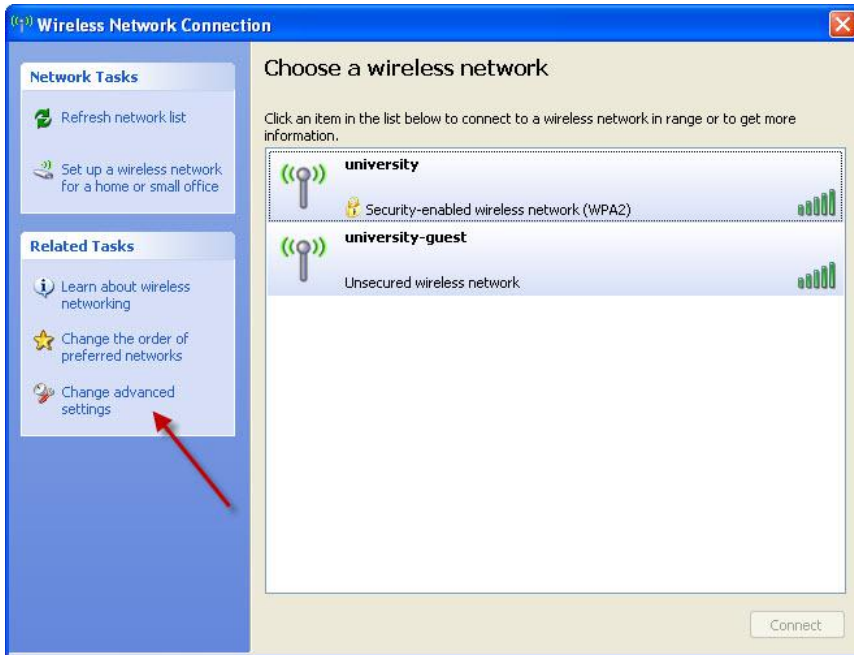
NOTE: If you are unable to see any available wireless network connections please ensure your wireless adapter is turned on. If you are unsure on how to do this, please contact the Help Desk at: Faculty: (605) 677-6463 or Students: (605) 677-5028

Title: **Wireless and Cisco NAC Setup for Windows XP (32 or 64bit)**

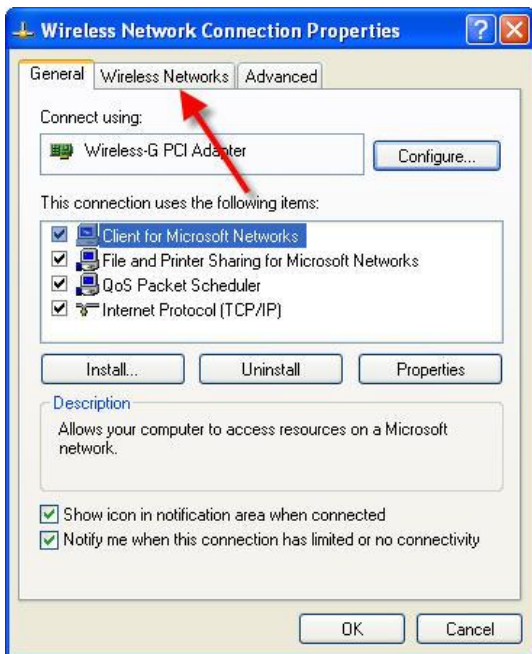
Application: Windows XP – using Wireless and Cisco NAC

Description: Connect to university wireless using Cisco NAC Agent.

Date Modified: January 9th, 2011



4. Click “Change advanced settings”



5. On the window that pops up, select the “Wireless Networks” tab

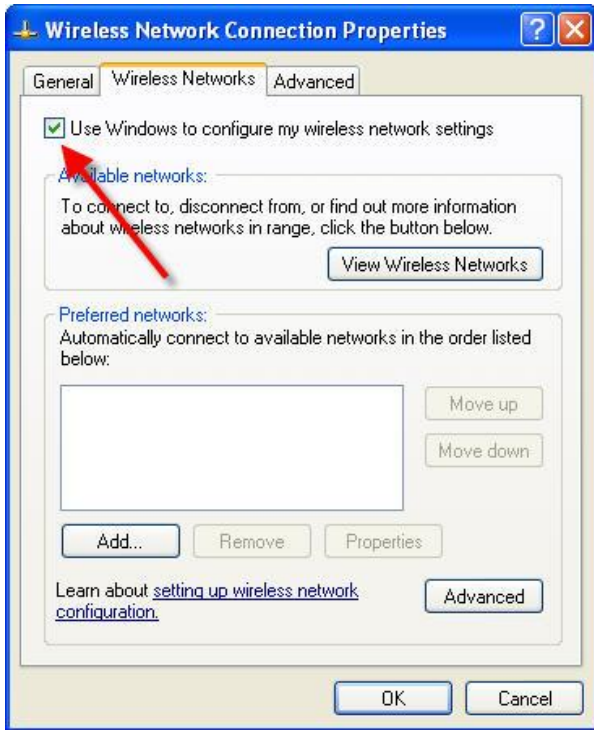
Title: **Wireless and Cisco NAC Setup for Windows XP (32 or 64bit)**

Application: Windows XP – using Wireless and Cisco NAC

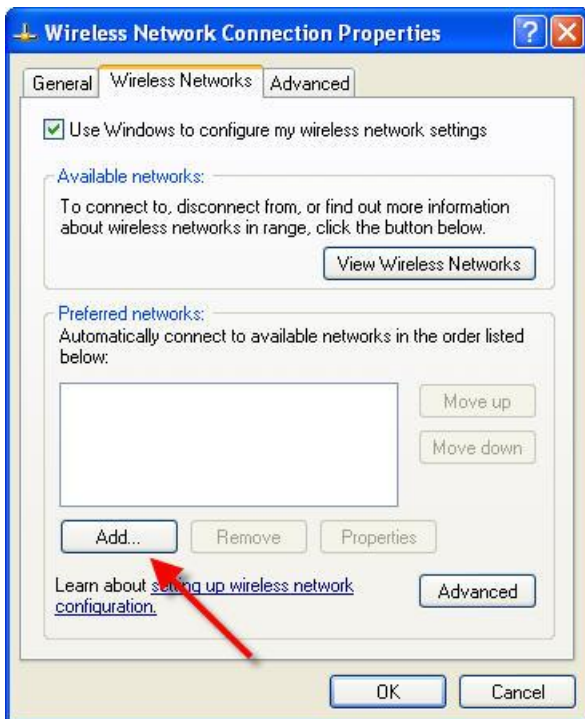
Description: Connect to university wireless using Cisco NAC Agent.

Date Modified: January 9th, 2011

6. Check the option for “Use Windows to configure my wireless network settings”



7. Click “Add...”

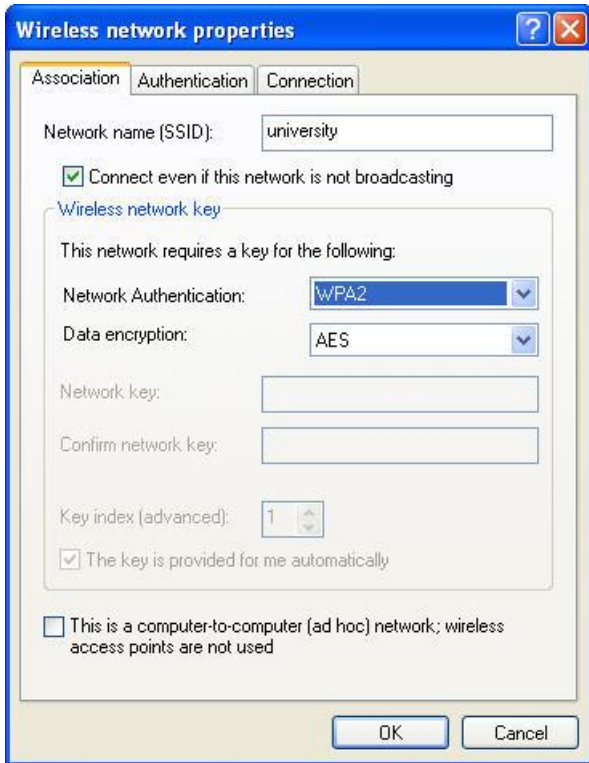


Title: **Wireless and Cisco NAC Setup for Windows XP (32 or 64bit)**

Application: Windows XP – using Wireless and Cisco NAC

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8. As shown in the picture, change the settings to the following:

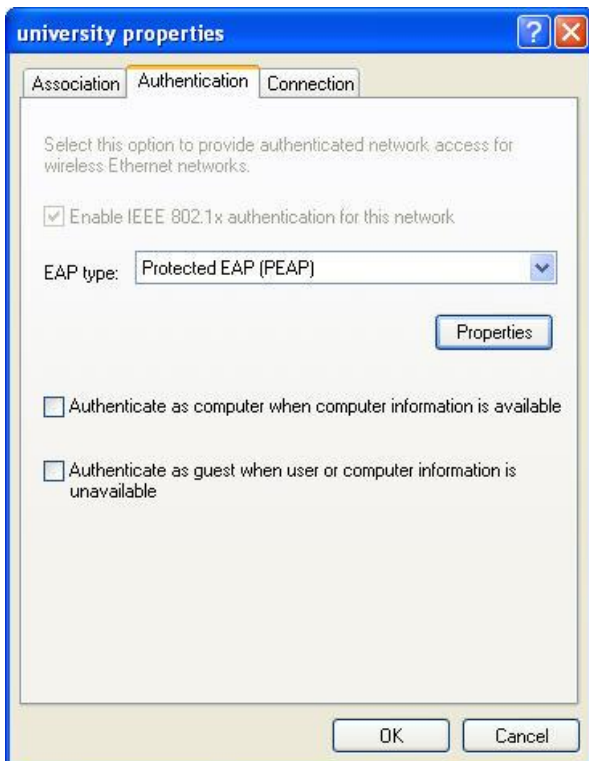
Check the option for “Connect even if this network is not broadcasting”

Network name (SSID):
university

Network Authentication:
WPA2

Data Encryption: **AES**

Uncheck the option for “This is a computer-to-computer (ad hoc) network; wireless access points are not used”



9. Select the Authentication Tab

10. As shown in the picture, configure the settings as follows:

EAP type: **Protected EAP (PEAP)**

Uncheck both of the bottom checkboxes

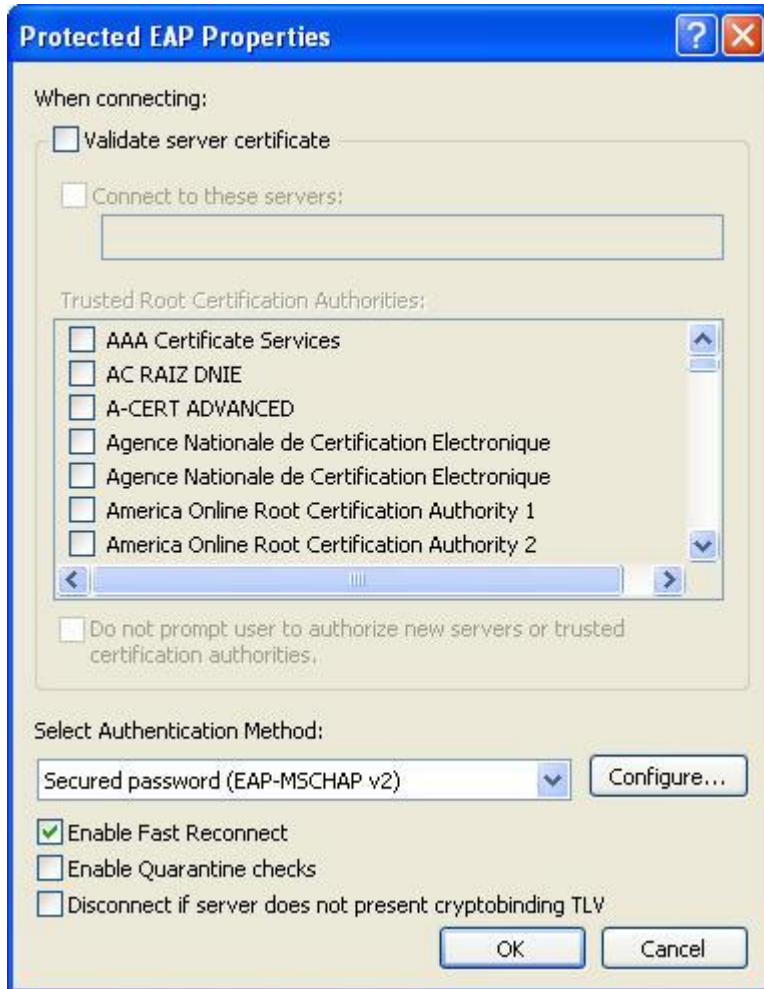
11. Click “Properties”

Title: **Wireless and Cisco NAC Setup for Windows XP (32 or 64bit)**

Application: Windows XP – using Wireless and Cisco NAC

Description: Connect to university wireless using Cisco NAC Agent.

Date Modified: January 9th, 2011



12. Double check that the Protected EAP Properties window has the following settings:

Uncheck the option for “Validate server certificate”

Select Authentication Method set to: **Secured password (EAP-MSCHAP v2)**

Check the option for “Enable Fast Reconnect”

All other options unchecked

13. Click the “Configure...” button under the “Select Authentication Method” heading



14. Uncheck the option for “Automatically use my Windows logon name and password (and domain if any)”.

15. Select “OK” on all open windows

Title: **Wireless and Cisco NAC Setup for Windows XP (32 or 64bit)**

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16. At the bottom right of the screen, click on the popup message “Wireless Network Connection – Click here to select a certificate of other credentials for connection to the network university”



17. Enter your Username and Password

18. Leave the “Logon domain:” blank

19. Click OK



20. Launch “Internet Explorer”

Title: **Wireless and Cisco NAC Setup for Windows XP (32 or 64bit)**


Application: Windows XP – using Wireless and Cisco NAC

Description: Connect to university wireless using Cisco NAC Agent.

Date Modified: January 9th, 2011

Welcome to the University of South Dakota

Faculty / Staff / Students

- 1. Account Pickup (for USD Faculty/Staff/Students)**
Skip this step if you have already performed account pickup or only have an account at another South Dakota public university. But if you are Faculty, Staff, or Student at USD and do not yet have your username and password, go to <http://www.usd.edu/accounts/pickup>.
- 2. Log on to the Network**
Enter your username and password and select your university from the Provider drop down menu to log on to the network.
- 3. Download the Cisco NAC Agent (One time only)**
Once your username and password have been verified, you will be prompted to download and install the Cisco NAC Agent.
After installation is complete, a Cisco NAC icon  will appear in your system tray. If the Cisco NAC Agent fails to install, please contact the [ITS Help Desk](#).
- 4. Validation and Updates**

21. Log on to the network via the web page provided.

Network Security Notice: This network is protected by a Cisco NAC Appliance Agent, a component of the Cisco NAC Appliance Suite. The Agent ensures that your computer meets the requirements for accessing this network, and helps you keep your computer secure and up-to-date.

Please use the Agent to log in to the network.

If you don't have the Agent software yet, download it by clicking the button below. After downloading the installation file, run it to complete the installation.

If you have already downloaded and installed the Agent, please close this window and right-click the Agent icon in the system tray and choose Login from the menu. Enter your usual network user name and password in the login window.

Launch Cisco NAC Windows Agent 4.9.0.33

Note: If you are already running the NAC Agent and you are connected through a slower connection (such as VPN or dial-up), please wait as it might take a few moments for the Agent to pop up.

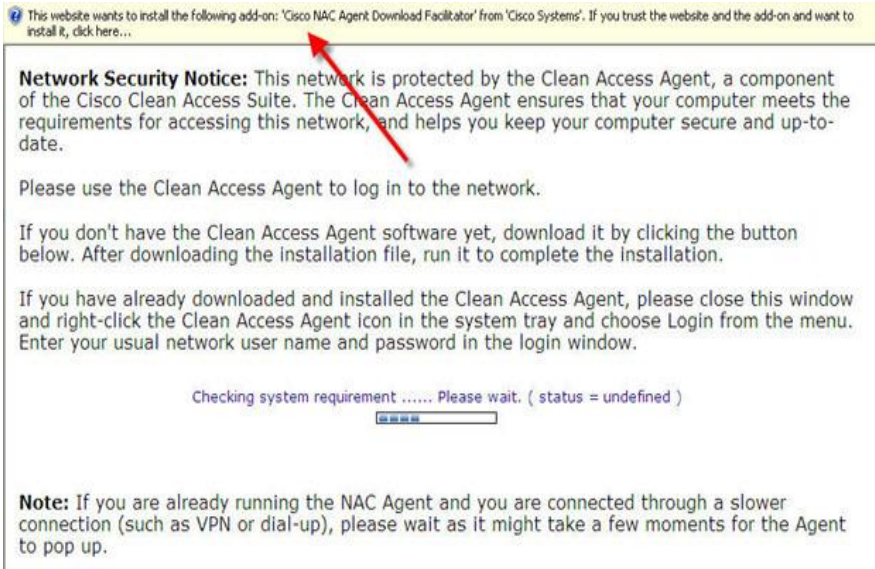
22. Click “Launch Cisco NAC Windows Agent X.X.X.XXX”

Title: **Wireless and Cisco NAC Setup for Windows XP (32 or 64bit)**

Application: Windows XP – using Wireless and Cisco NAC

Description: Connect to university wireless using Cisco NAC Agent.

Date Modified: January 9th, 2011



23. If prompted, click on the yellow information bar as shown in the picture

24. Click "Install add-on"



25. If prompted, click "Run"

Title: **Wireless and Cisco NAC Setup for Windows XP (32 or 64bit)**

Application: Windows XP – using Wireless and Cisco NAC

Description: Connect to university wireless using Cisco NAC Agent.

Date Modified: January 9th, 2011

Network Security Notice: This network is protected by the Clean Access Agent, a component of the Cisco Clean Access Suite. The Clean Access Agent ensures that your computer meets the requirements for accessing this network, and helps you keep your computer secure and up-to-date.

Please use the Clean Access Agent to log in to the network.

If you don't have the Clean Access Agent software yet, download it by clicking the button below. After downloading the installation file, run it to complete the installation.

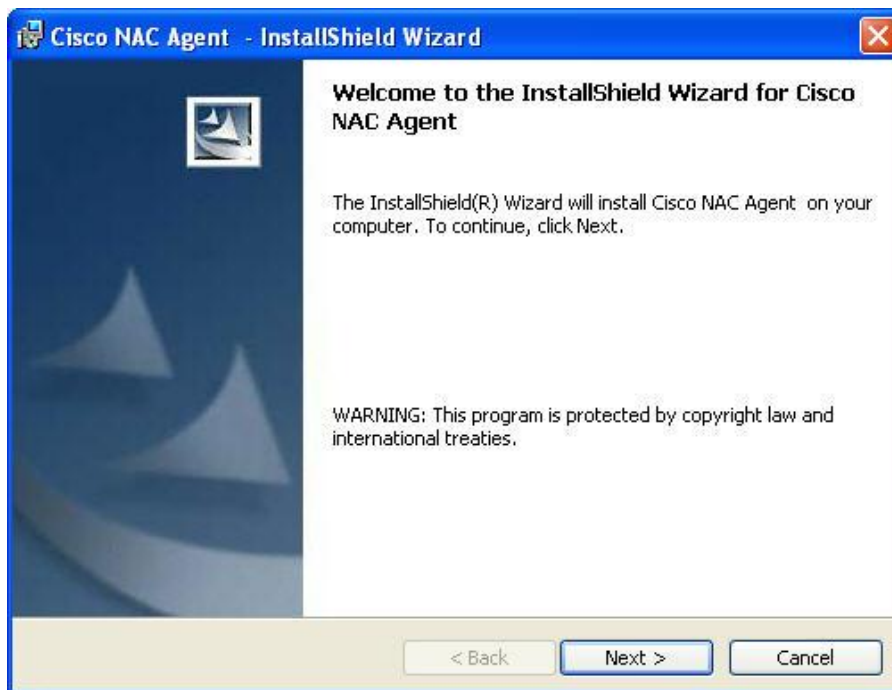
If you have already downloaded and installed the Clean Access Agent, please close this window and right-click the Clean Access Agent icon in the system tray and choose Login from the menu. Enter your usual network user name and password in the login window.

Downloading Cisco NAC Agent Please wait. (status = 2)



Note: If you are already running the NAC Agent and you are connected through a slower connection (such as VPN or dial-up), please wait as it might take a few moments for the Agent to pop up.

26. This window will appear and may be displayed for several minutes.



27. Click “Next >”

Title: **Wireless and Cisco NAC Setup for Windows XP (32 or 64bit)**

Application: Windows XP – using Wireless and Cisco NAC

Description: Connect to university wireless using Cisco NAC Agent.

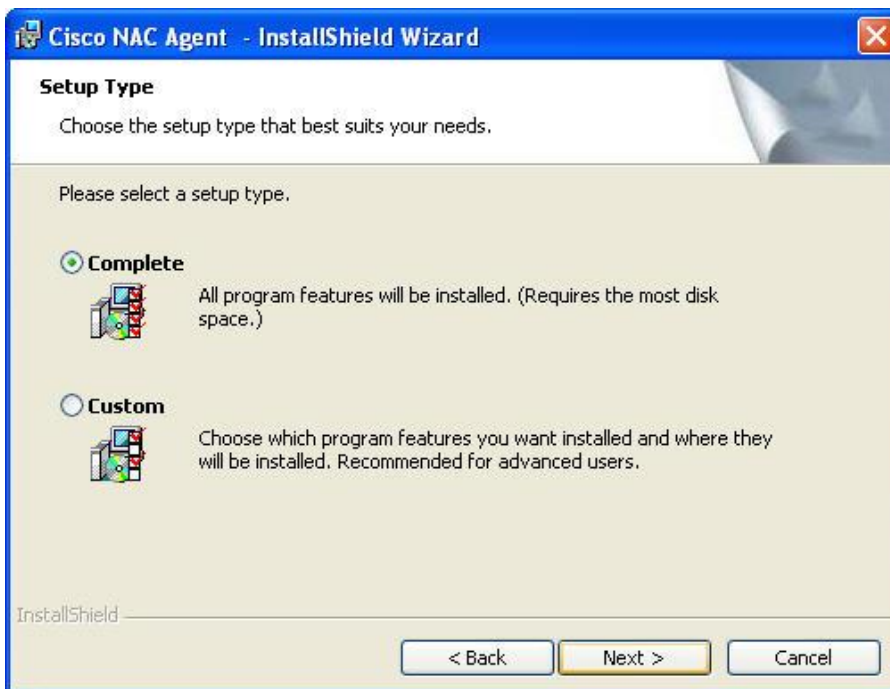
Date Modified: January 9th, 2011



28. Read over the End User License Agreement

29. Accept the license agreement by clicking the option for “I accept the terms in the license agreement”

30. Click “Next >”



31. Make sure “Complete” is selected

32. Click “Next>”

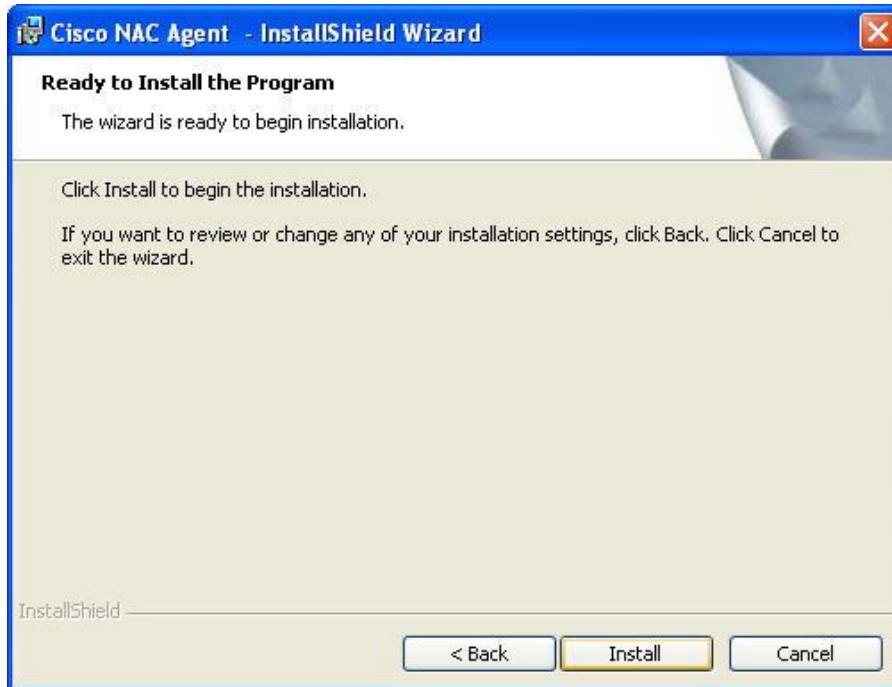
Title: **Wireless and Cisco NAC Setup for Windows XP (32 or 64bit)**

Application: Windows XP – using Wireless and Cisco NAC

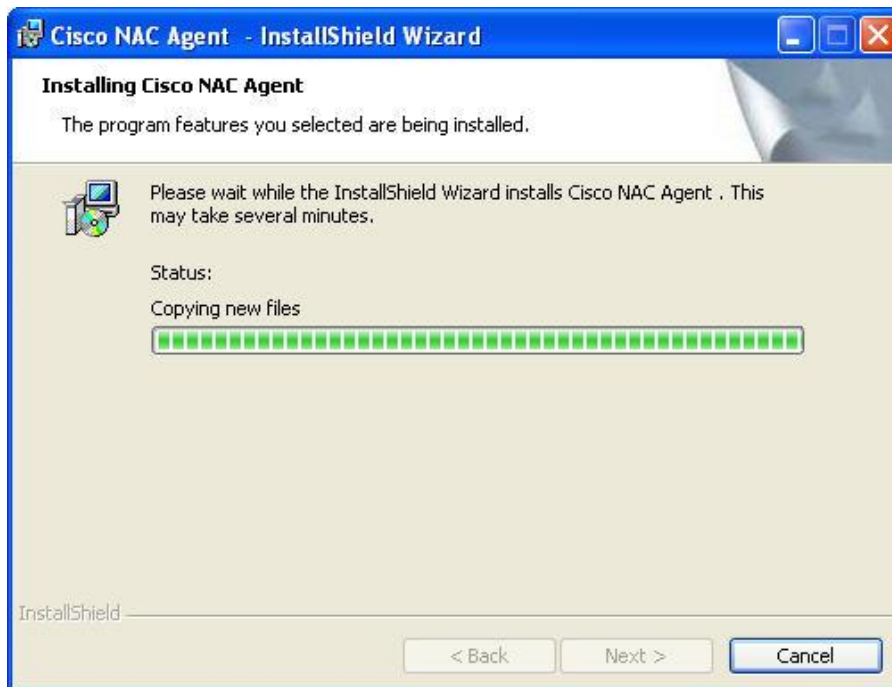
Description: Connect to university wireless using Cisco NAC Agent.

Date Modified: January 9th, 2011

33. Click “Install”



34. This window will appear and may be displayed for several minutes while it installs.

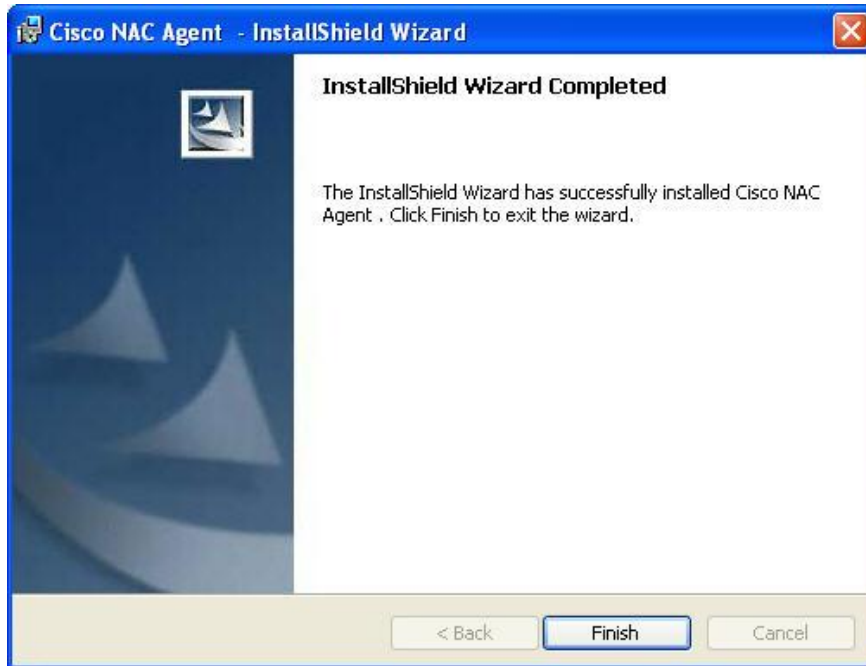


Title: **Wireless and Cisco NAC Setup for Windows XP (32 or 64bit)**

Application: Windows XP – using Wireless and Cisco NAC

Description: Connect to university wireless using Cisco NAC Agent.

Date Modified: January 9th, 2011



35. Click "Finish"



36. Login with your USD Username and Password

Note: the 'Remember Me' box will keep your username populated for future connections.

Title: **Wireless and Cisco NAC Setup for Windows XP (32 or 64bit)**

Application: Windows XP – using Wireless and Cisco NAC

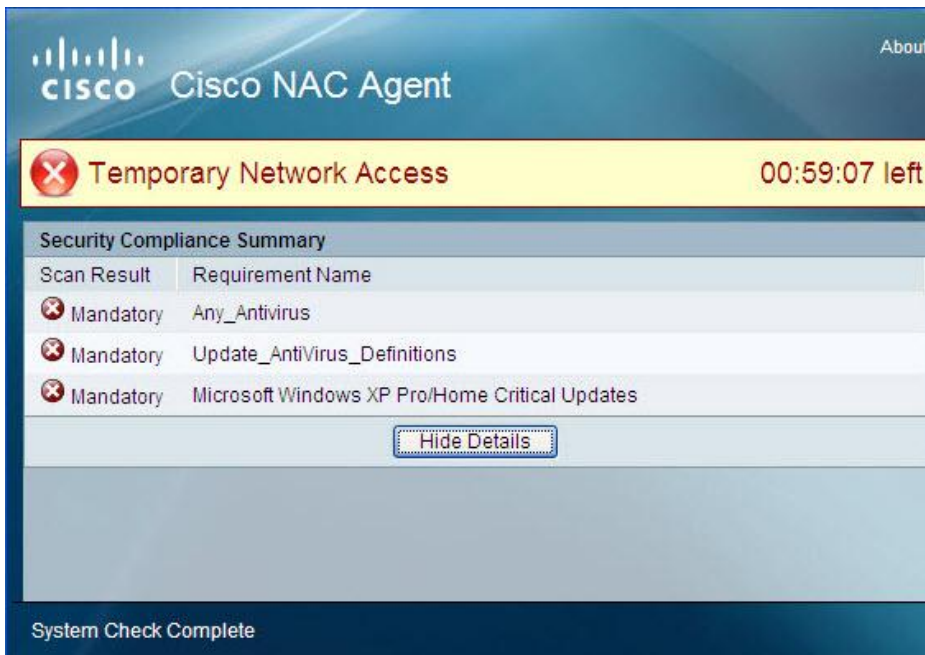
Description: Connect to university wireless using Cisco NAC Agent.

Date Modified: January 9th, 2011



37. Cisco NAC Agent (NAC) verifies that the computer has an **approved** and updated antivirus application and that your Windows operating system has current security patches installed. In the example on the left, NAC has found your system to be deficient in one or more requirements.

38. Click “Show Details” to display the items that are deficient (Shown below).



39. This example shows that the computer has failed the checks for an **approved** antivirus application, antivirus definition (updates) check, and it is deficient in critical updates for Windows.

40. Click “Hide Details” to return to the previous screen.

Title: **Wireless and Cisco NAC Setup for Windows XP (32 or 64bit)**

Application: Windows XP – using Wireless and Cisco NAC

Description: Connect to university wireless using Cisco NAC Agent.

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41. Click “Repair”.

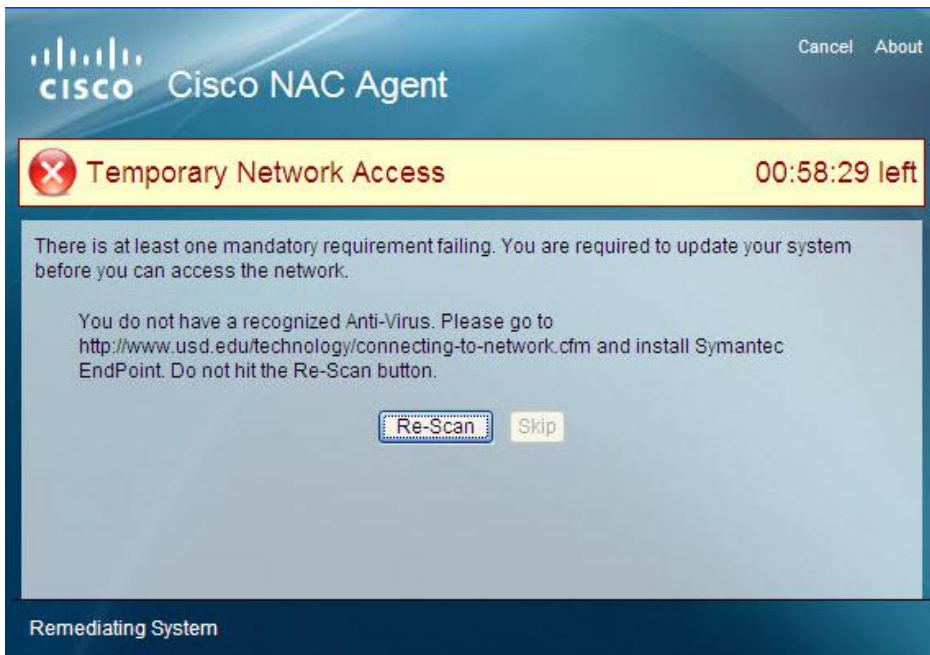


42. **Do Not Click Re-Scan!**

Copy and paste the following URL into Internet Explorer:

<http://www.usd.edu/technology/connecting-to-network.cfm>

This will take you to the web page for USD’s Symantec EndPoint Protection. You may download and install this antivirus.

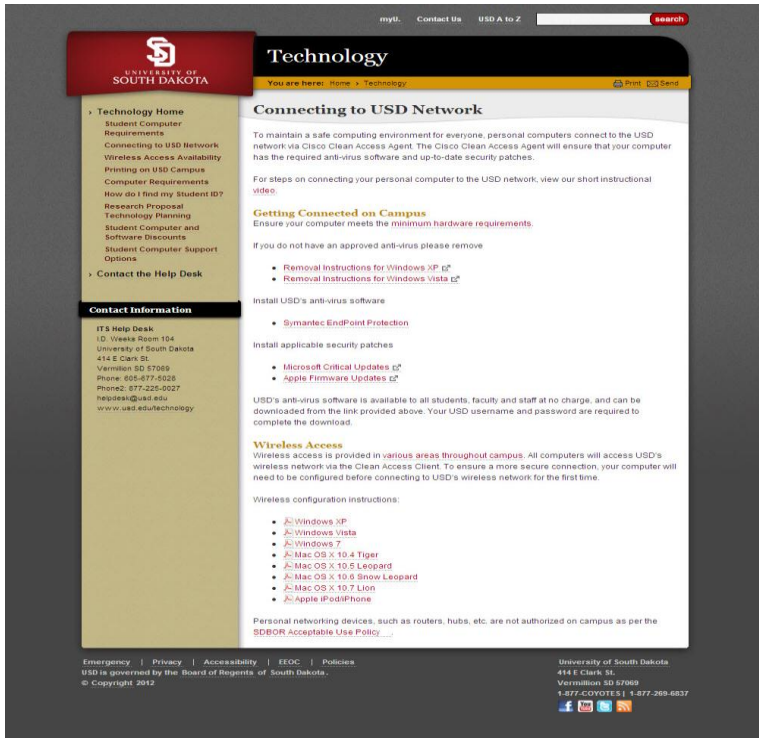


Title: **Wireless and Cisco NAC Setup for Windows XP (32 or 64bit)**

Application: Windows XP – using Wireless and Cisco NAC

Description: Connect to university wireless using Cisco NAC Agent.

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43. If you have an Anti-Virus that isn't recognized by Cisco NAC, please follow the Removal Instructions to remove your current Anti-Virus program.

44. Once you have uninstalled your current Anti-Virus or if you don't have one currently, click on the link "Symantec EndPoint Protection".



45. Enter your USD username and password

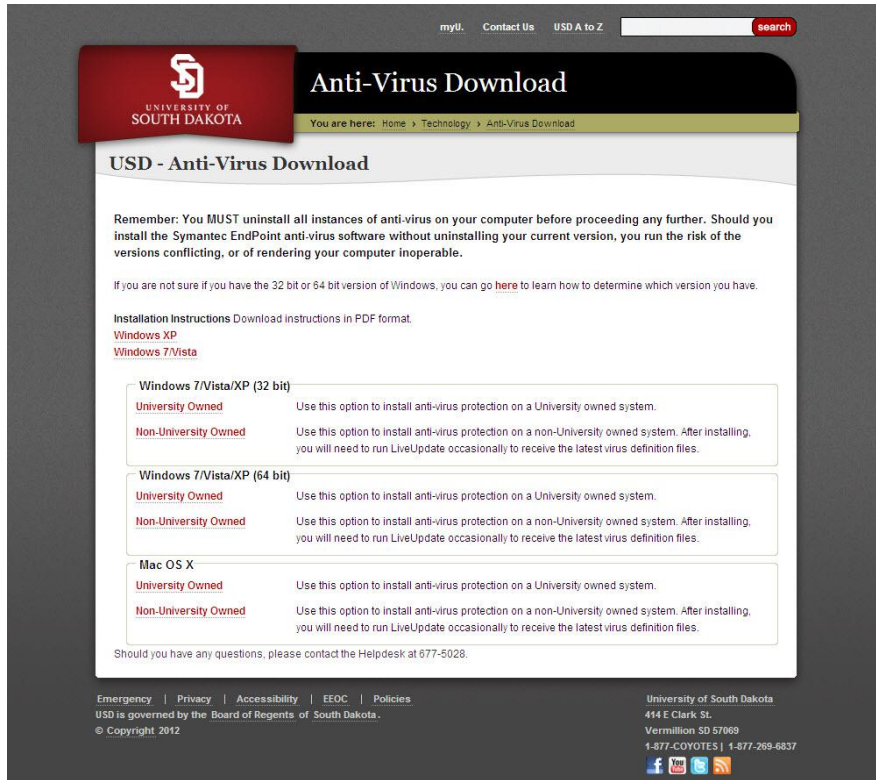
46. Click "OK".

Title: **Wireless and Cisco NAC Setup for Windows XP (32 or 64bit)**

Application: Windows XP – using Wireless and Cisco NAC

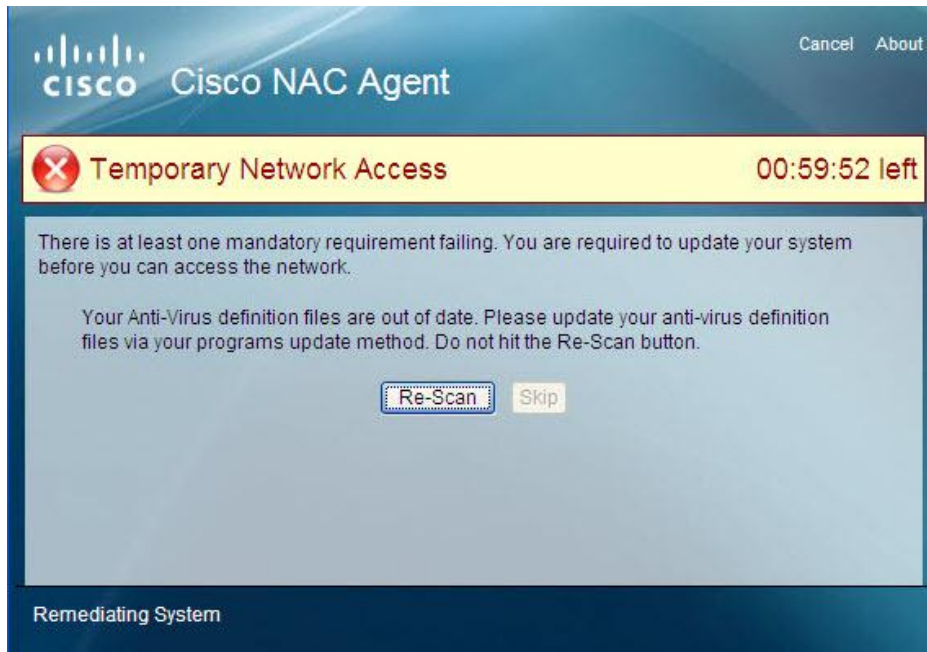
Description: Connect to university wireless using Cisco NAC Agent.

Date Modified: January 9th, 2011



47. Choose the Non-University Owned EndPoint version that matches your Windows type. (See links for help in determining which Windows version is installed on your computer and how to install Symantec).

48. Symantec may require you to restart your computer. If this happens, please restart and log back into Cisco NAC to continue. Otherwise, click “Re-Scan”.



49. **Do Not Click Re-Scan!**
If your Anti-Virus definitions are out of date, you will see this screen prompting you to Update them.

50. Please use your Anti-Virus program’s update utility to update your Anti-Virus definitions. Symantec’s update utility is called “Live Update”.

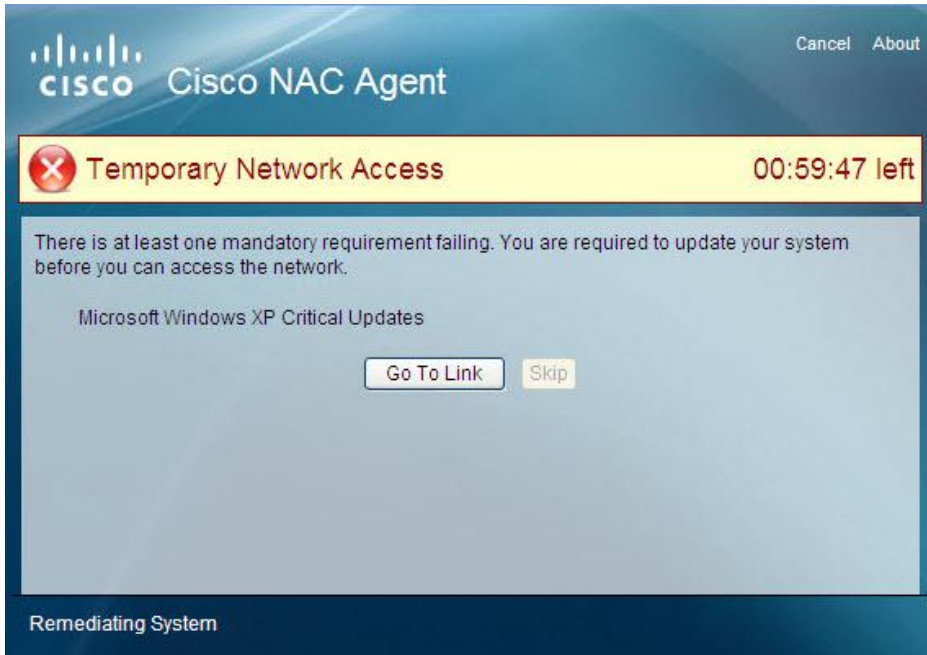
51. Once the update is complete, click “Re-Scan”.

Title: **Wireless and Cisco NAC Setup for Windows XP (32 or 64bit)**

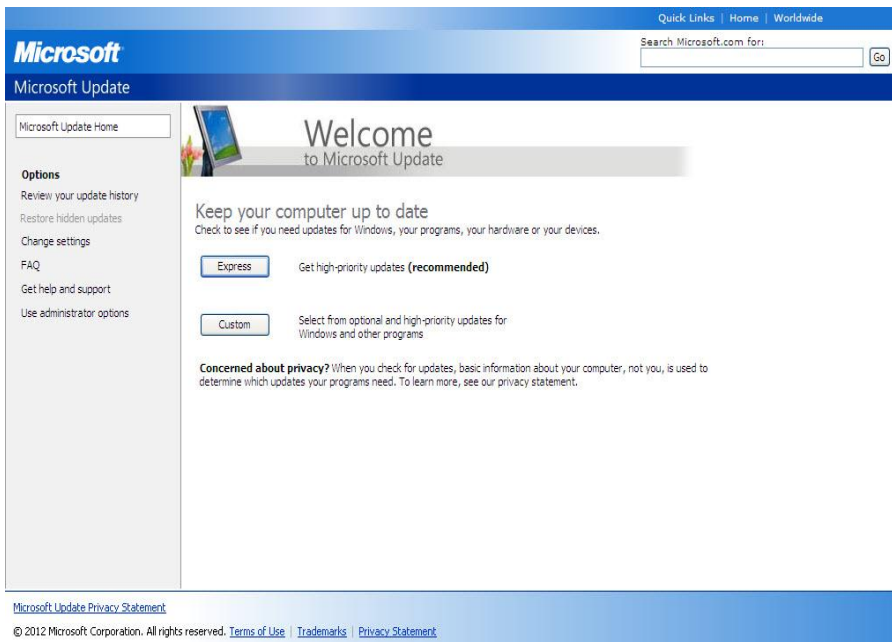
Application: Windows XP – using Wireless and Cisco NAC

Description: Connect to university wireless using Cisco NAC Agent.

Date Modified: January 9th, 2011



52. NAC has determined that there are critical Windows updates missing. Click “Go To Link”.



53. An Internet Explorer window will open and you will be redirected to Microsoft Update.

54. Click “Express”

Title: **Wireless and Cisco NAC Setup for Windows XP (32 or 64bit)**

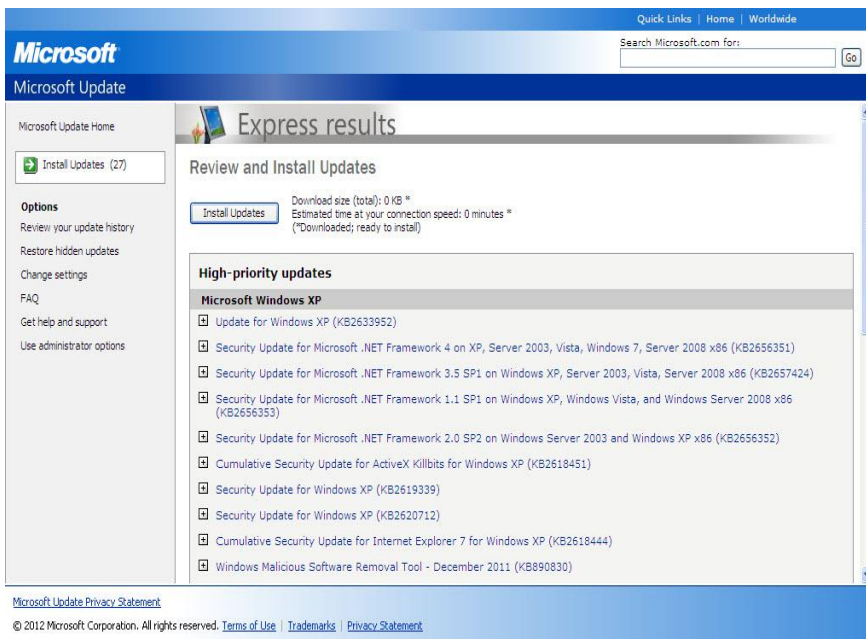
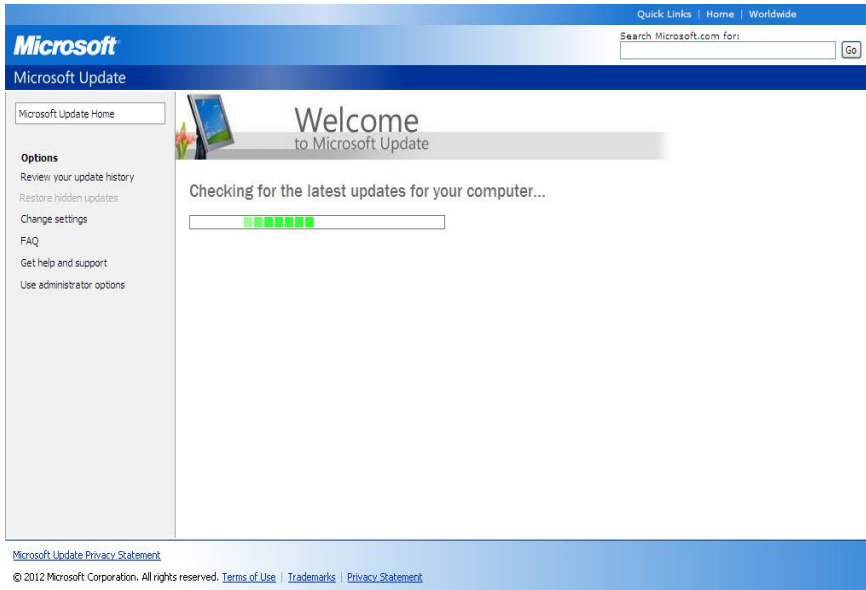
Application: Windows XP – using Wireless and Cisco NAC

Description: Connect to university wireless using Cisco NAC Agent.

Date Modified: January 9th, 2011

55. Microsoft Update will check for the latest updates for your computer.

56. Once the update check completes, click the “Install Updates” button.

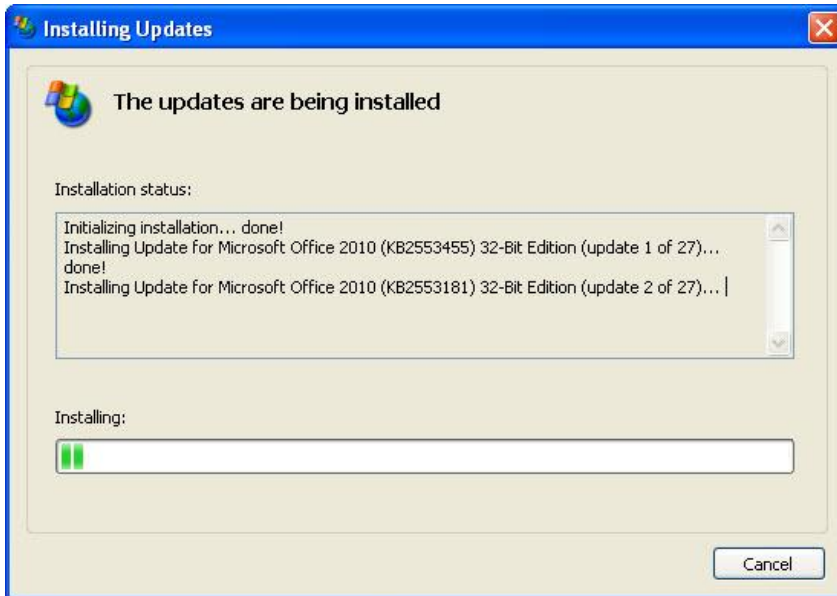


Title: **Wireless and Cisco NAC Setup for Windows XP (32 or 64bit)**

Application: Windows XP – using Wireless and Cisco NAC

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57. The install process will begin.

58. Once the install process finishes, you may be required to restart your computer.

NOTE: Depending upon the type(s) and number of updates needed on your computer, you may need to follow these steps multiple times.



59. Once Cisco passes all remediation checks, it will log you in successfully with Full Network Access.