

UB Information Technology

Documentation

Conference Computing for Windows XP

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YOUR UB CONFERENCE ACCOUNT

You will be assigned a conference account, consisting of a UBITName and a corresponding Password, while you are at the University at Buffalo. It is strongly suggested that you change your account Password as soon as possible. To change your Password, direct a web browser to <http://www.cit.buffalo.edu/mail> and select the link labeled **CHANGE YOUR PASSWORD**. Your UB conference account will only accept Passwords that are not easily identifiable. Unacceptable Passwords include words in the dictionary, words in all the same case, or numbers only. Ideal Passwords are six to eight characters in length and consist of unusual mixtures of letters and numbers, both upper and lower case, and unusual characters like punctuation marks. Passwords can take up to one hour to reset through the system. It is recommended that you do not log off to test your new Password until you have completed any work in progress.

All account users must follow the Conditions of Use Policy, the UBIT Computer and Network Use Policy, and the OpenPort/ResNet Policy. The policies are available online at <http://www.itpolicies.buffalo.edu>. Sharing accounts or connections is prohibited. As a conference attendee, you are responsible for all actions performed under your account name or connection.

EMAIL

UB conference accounts do not include a mailbox. You cannot send or receive email from your conference account. You can access another (non-UB) account from your UB conference account by using programs such as SSH or a web-based email program.

ACCESS WITHOUT A LAPTOP

If you do not have a laptop with you, you can use a computer in UB's Public Computing Service Areas. Public Computing Service Areas are located in the Lockwood Library second floor Cybrary, the Lockwood Library third floor Cybrary, the Capen UGL first floor Cybrary, the Capen SEL third floor Cybrary, Bell 101 (Linux and Sun workstations only), and Fronczak 408 (Linux computers only). On South Campus, they are located in Diefendorf 206 and 207. In the Residence Halls, computers are located in 221 Red Jacket (Ellicott Complex), 5 Clinton (Governors Complex), and 128 Clement (South Campus).

WIRELESS CONNECTIONS

NOTE

There is a higher security risk associated with using wireless connections.

To use UBWireless, you must have a wireless network card installed in your machine. The University at Buffalo currently suggests using a Cisco Aironet 350 128-bit encryption wireless network card, as it works best with UB's Wireless Access Points. Users with other cards may not be able to take advantage of future security measures at UB.

Wireless Access Points are installed in a variety of locations, including:

North Campus

- Alumni Arena: Most of 1st floor
- Baldy: Walkway and northeast corner on 2nd floor, 4th and 5th floors
- Baird: 1st floor Music Library
- Baird Research: 1st and 2nd floors
- Bell: 1st floor computer lab, 2nd and 3rd floors
- Bissel: 1st floor
- Bonner: Rooms 114 and 117
- Capen Undergraduate Library: Ground floor hallway outside library, 1st floor, rooms 215-218, 3rd floor Cybrary, and 4th floor
- Center for the Arts: 1st floor atrium
- Center for Tomorrow: 1st floor
- Clemens: Northern half of 1st floor
- Computing Center: 1st, 2nd, and 3rd floors
- Cooke: 5th floor hallways
- Ellicott (MFAC): 1st and 3rd floors
- Fronczak: 2nd floor near the Computing Center
- Furnas: 2nd floor hallways
- Governors: Basement dining hall, library, and The Cellar
- Jacobs: 1st, 2nd, and 3rd floor hallways
- Lockwood Library: All five floors
- Natural Sciences Complex: 2nd floor hallway
- O'Brian: Basement through 5th floor
- Law Library: 7th floor
- Student Union: Eating/open area on 1st floor, lounges and dining areas on 2nd floor
- Talbert: Bert's dining areas

South Campus

- Abbott, Health Sciences Library: Basement through 2nd floor
- Biomedical Education Building: Basement, 1st, 2nd, and 3rd floors
- Biomedical Research Building: 1st, 3rd, 4th, 5th, and 6th floors
- Cary: 1st and 2nd floors
- Crosby: 1st floor, 3rd floor lecture hall
- Diefendorf: Basement and 1st floor lecture hall
- Farber: Rooms g26, 144, 150, and courtyard study area
- Foster: Basement through 3rd floor
- Goodyear: 1st floor eating area and top floor
- Harriman: Basement, 1st, and 2nd floors
- Hayes: 1st, 2nd, and 3rd floors
- Kimball Tower: 1st floor
- Parker: 1st floor
- Squire: Basement, 1st, 2nd, and 3rd floors

For a complete list of Wireless Internet Zones, visit <http://www.cit.buffalo.edu/ubwireless>.

Some Wireless Internet Zones are identified by these signs:



Wireless network cards should be installed according to manufacturers' directions. The Service Set Identifier (SSID) should be set to broadcast (blank) whenever possible. If this is not possible, the option **ANY** should be selected. Wireless clients that are not capable of using the broadcast SSID will need to set the SSID to **UB_wireless**. Also, WEP (Wired Equivalent Privacy) should be disabled (it is often enabled by default). The client should be configured for **INFRASTRUCTURE** mode (most cards are configured for **ADHOC** mode by default). Laptops need to be configured with DHCP. Follow the configuration instructions to set up your computer.

WIRED CONNECTIONS

To use OpenPort or ResNet, you need the following:

- A 10/100 Ethernet adapter suitable for your computer
- A category 5 (CAT5) Ethernet cable

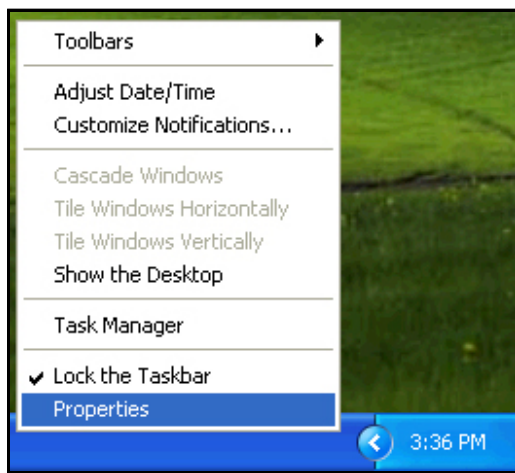
ResNet is the physical cabling and support services that make it possible for conference attendees staying in the Residence Halls to use their own personal computers to access computing, library, and academic services directly from their rooms. ResNet data jacks are located in each Residence Hall room. There is one data jack per occupant.

OpenPort is an open access, on-campus network. OpenPort data jacks are located in the Capen Hall Undergraduate Library (UGL), in the first floor Cybrary; in the Capen Hall Science and Engineering Library (SEL), in the third floor Cybrary; and in Lockwood Library, in the second floor Cybrary.

CONFIGURING YOUR NETWORK SETTINGS


You only need to follow these directions once.

1. Right-click on the Taskbar, then select **PROPERTIES**.



NOTE

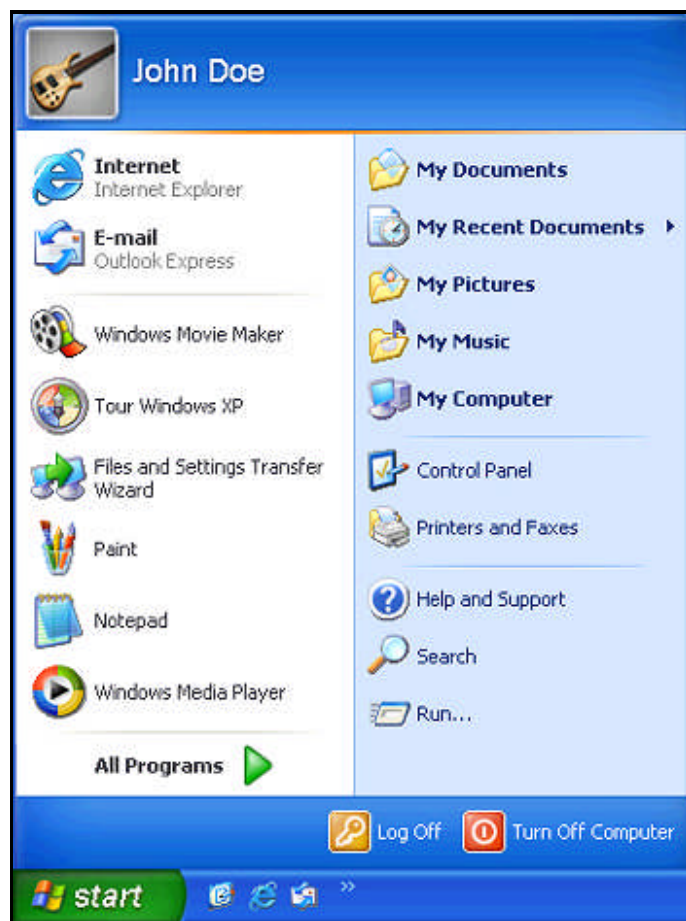
If you are using an operating system other than Windows XP, contact the CIT Help Desk at

 (716) 645-3542 for information on how to configure your computer.

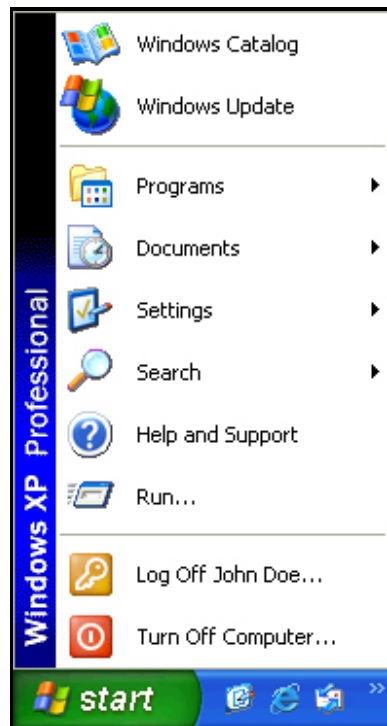
2. Click the **START MENU** tab. Determine whether your computer is using the Start menu setting, or the Classic Start menu setting.



- Start menu setting: Click **START**, then select **CONTROL PANEL**.

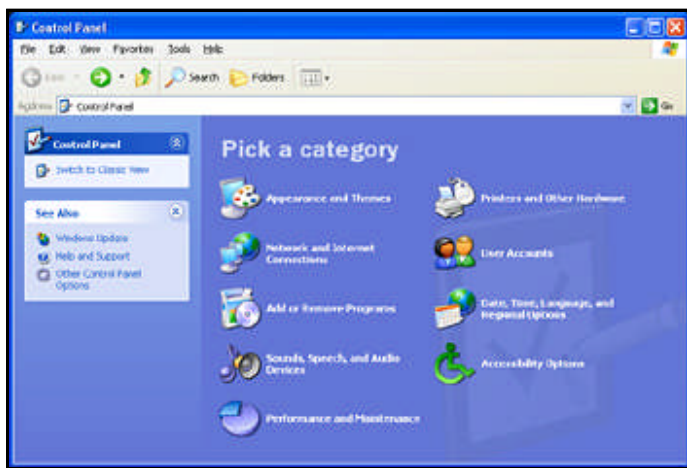


- Classic Start menu setting: Click **START**, select **SETTINGS**, then **CONTROL PANEL**.

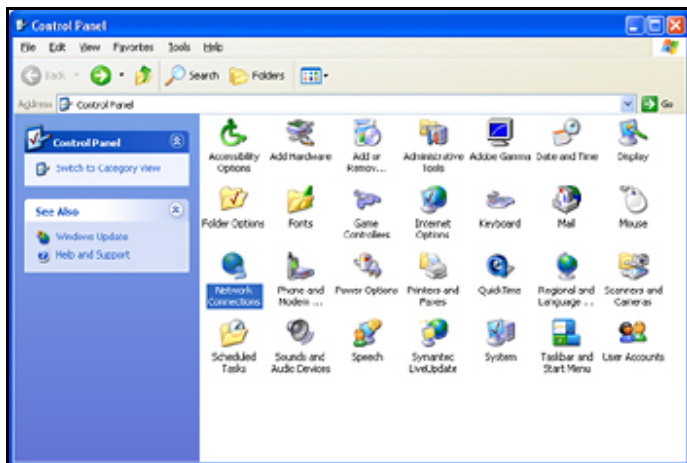


3. When the Control Panel opens, it will be configured for either Category View or Classic View. Using the pictures, decide which view it is configured for and follow the respective directions.

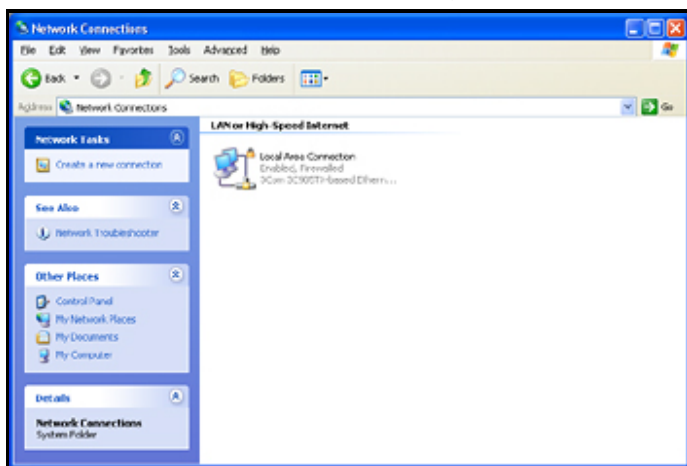
- Category View: Click once on **NETWORK AND INTERNET CONNECTIONS**, then click once on **NETWORK CONNECTIONS**.



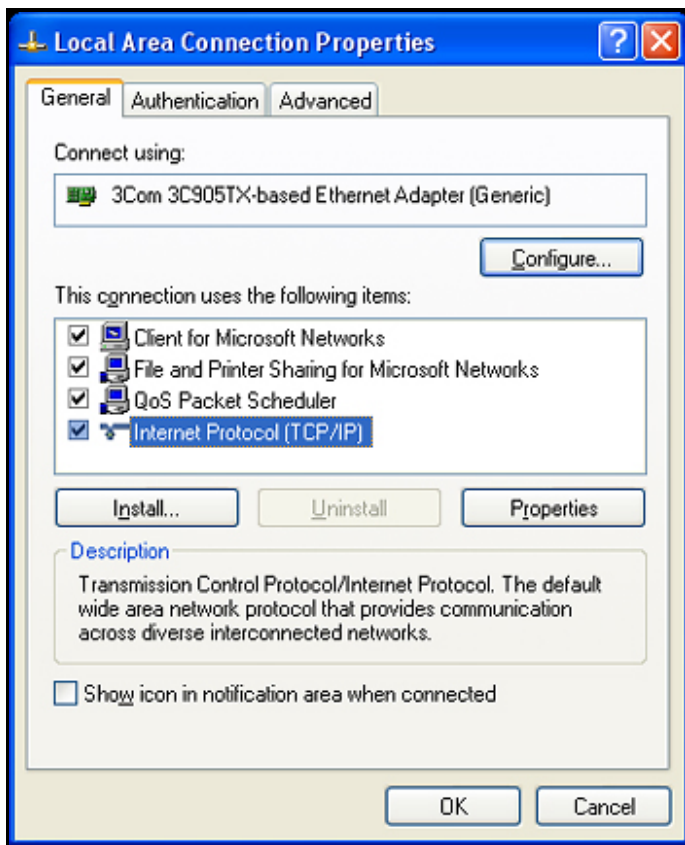
- Classic View: Double-click on **NETWORK CONNECTIONS**.



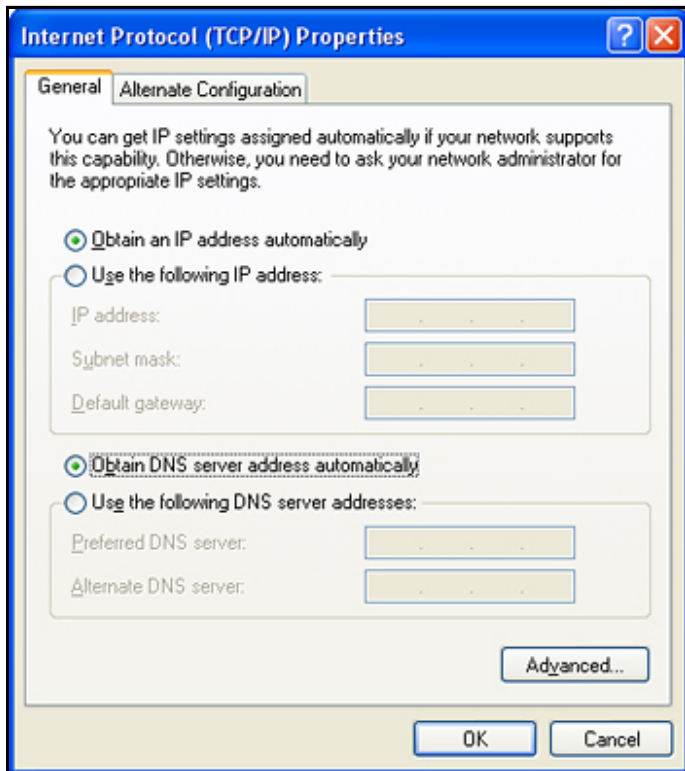
4. In the Network Connections window, right-click once on the icon representing your Ethernet or wireless network card, below the label **LAN OR HIGH SPEED INTERNET**, then left-click **PROPERTIES**.



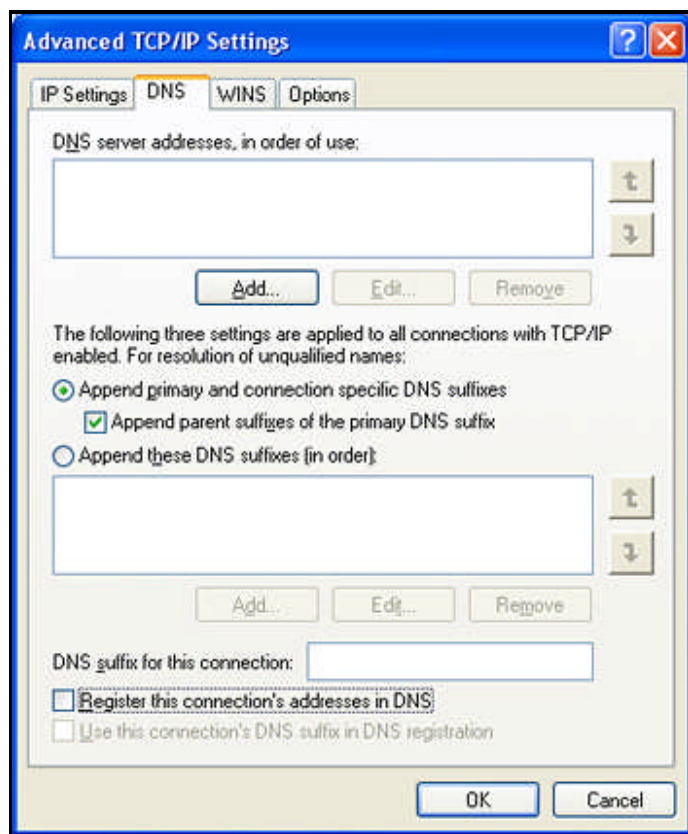
5. In the LAN Properties window that appears, click once on **TCP/IP** to highlight it (making sure that you do not uncheck it), then click **PROPERTIES**.



6. In the TCP/IP Properties window that appears, select **OBTAIN AN IP ADDRESS AUTOMATICALLY** and **OBTAIN DNS SERVER ADDRESS AUTOMATICALLY**, then click **ADVANCED**.



7. Deselect the box for **REGISTER THIS CONNECTION'S ADDRESSES IN DNS**.



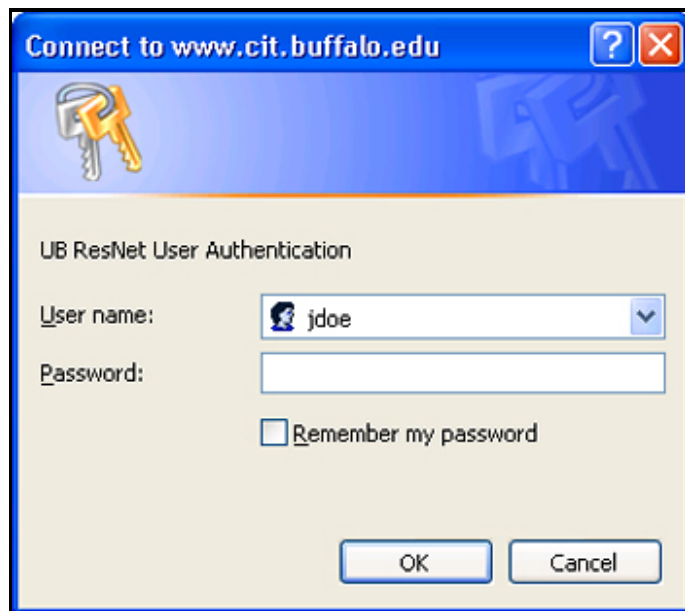
8. Continue clicking **OK** to accept all changes until you return to the Network Connections window.

Your computer is now properly configured.

ESTABLISHING YOUR CONNECTION

Follow these directions each time you want to connect from ResNet, OpenPort, or UBWireless to the Internet to use software such as Netscape, Internet Explorer, Firefox, PuTTY, or FileZilla.

1. Open a web browser.
2. When your web browser first attempts to contact a web page outside of the ResNet or OpenPort domain, you will be presented with a login window.
3. If you have connected through the University at Buffalo's ResNet network (any non-wireless, non-public site connection in the Residence Halls), you will need to authenticate your computer through UB NetPass. This is a service that scans all computers attempting to connect to the ResNet network for viruses or other harmful software. The documentation for UB NetPass can be found at <http://wings.buffalo.edu/computing/Documentation/gen/UBNetPass.html>.
4. Enter your UBITName and Password, then click **OK**.



If the authentication is successful, your web browser will continue to load the page you originally requested. Otherwise, the web browser will display **Access Denied**, and you must attempt to re-authenticate with a valid UBITName and Password.

You do not need to sign off of the network once you are finished accessing the Internet.

Document Information

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