## Turning off 802.11 Ad-Hoc Mode

802.11 Ad-Hoc mode can be a real problem for wireless connectivity at IETF meetings. Systems that accidentally enter ad-hoc mode appear to their users to simply not have network access, but are actually actively interfering with others' ability to use the network.

## Windows XP

Change the setting on the computer's wireless card to connect only to "infrastructure networks" - real wireless access points that actually allow you to surf the Web.

## *How to turn off 802.11 Ad-Hoc mode when using Windows WLAN Card configuration tool*

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E-mail	🖄 My Pictures
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VLC media player	😡 My Computer
FileZilla	Signature My Network Places
Internet Explorer	Control Panel
Microsoft Word	Connect Io
Notepad	🕐 Help and Support
QuickBooks Basic 2005	Search
All Programs	7 <u>R</u> un

To do this, go to "Start," "Control Panel,"

The control panel can be displayed in two different formats in Windows XP. If you are using the classic view, click on the network settings in the image below. If the image below doesn't look similar to yours, you might be using the standard category view so please skip down one image.

### Control Panel - Classic View (Step one of one)



Double click Network Settings (Then skip two images)

Control Panel - Category View (Step one of two)

#### **Click on Network and Internet Connections**



### Control Panel - Category View (Step two of two)



Regardless of "Classic" or "Category" view, we should all arrive at the next screen together.

Right click on the entry labelled "wireless network connection" and select "Properties" from the drop down menu.



Then click on the "Wireless Networks" tab, and then on the "Advanced" tab at the bottom of that window.

	Wireless Networks	Advanced		
Use	Windows to configur	e my wireless r	network settings	
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A box should pop up that gives you three buttons to choose from: Select the one next to "Access point (infrastructure) networks only."



# How to turn off 802.11 Ad-Hoc mode when using other WLAN card configuration tools

## When Using Dell Warless WLAN Card Utility

Open the utility - e.g. click on the Icon in bottom right bar



#### Click on the down arrow right from Options

Wireless Networks       Link Status       Statistics       Ste Monitor       Diagnostics       Information         Image: Let this tool manage your wireless networks       Stow utility con       Enable Rado         Preferred network connections       Your computer automatically connects to the first network that is within range.         Add       Edit       Remove       Up       Down       Diploms         Type       Network Name       Security         opertimk       Statistics       Statistics	Dell Wireless WLAN Ca	rd Utility			
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### **Click on Advanced**

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<ul> <li>✓ Let this tool manage your wireless networks</li> <li>✓ Show utility icon</li> <li>✓ Enable Radio</li> </ul>	
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Click to select on Access point (infrastructure) networks only

**Click OK** 

### Mac OS X

## How to turn off 802.11 Ad-Hoc mode when using Mac OS X 10.3 or earlier

MacOS users using MacOS 10.3 ("Panther") or earlier MUST disable the Mac's default configuration as a base station. MacOS 10.4 ("Tiger") never automatically creates networks.

Open "System Preferences"/"Network", under the "Show:" selection box select "AirPort", and uncheck "Allow this computer to create networks". Click "Apply".

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Show All	Displays Sound Network Startup Disk	
	Location: Home	
	Show: AirPort	
	AirPort TCP/IP AppleTalk Proxies	
	AirPort ID: 00:0d:93:85:ab:90	
	By default, join: Automatic	
	Make sure this check box is off.	
	Allow this computer to create networks	
	Show AirPort status in menu bar	?
old old	k the lock to prevent further changes. Apply Nor	-