BEVILL STATE COMMUNITY COLLEGE ALL CAMPUSES

Configuring Student Laptop for 802.1x Wireless Connectivity

Affected Systems: Microsoft Windows XP Professional SP2 Microsoft Windows XP Home SP2

Requires Updates: Windows XP Service Pack 2 Windows XP Wireless Hot Fix #KB88543 – Download from

- 1. Enable the computer wireless networking service. (This may be a switch, or software that turns on the wireless card.)
- 2. Open Wireless Connections:

Classic Windows Style

- a. Click 🛃 start
- b. Select Control Panel
- c. Choose Network Connections

Windows XP Style

- a. Click 🛃 start
- b. Select Control Panel
- c. Select Network and Internet connections
- d. Choose Network Connections

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Right-click on Wireless Connection and select properties from the submenu that is displayed.

Select the Wireless Networks tab.	⇒	General Wireless Networks Advanced Use Windows to configure my wireless network settings Available networks: To connect to, disconnect from, or find out more information about wireless networks in range, click the button below.
		Preferred networks: Automatically connect to available networks in the order listed below: Move up Move down
Click the Add button	Û	Add Properties Learn about setting up wireless network Advanced Configuration. OK Cancel

On the Association Tab of the network properties window, type in

Network name (SSID): bevill access Network Authentication: Open Data Encryption: WEP

Place a check in the box for: "The key is provided for me automatically"

On the Authentication tab: Check the option for Enabled IEEE 802.1x authentication for this network.

EAP type: select Protected EAP (PEAP)

Remove the check for the option: Authenticate as computer \Rightarrow when computer information is available

Click Properties

hen connecting:	
Validate server certificate	
Connect to these servers:	
Trusted Root Certification Authorities:	
ABA.ECOM Root CA	-
Autoridad Certificadora de la Asociacion Nacional del Notaria	-
Autoridad Certificadora del Colegio Nacional de Correduria P	8
Baltimore EZ by DST	
Delgacom E-Trust Primary CA	
CRW HKT SecureNet CA Class A	1000
Cow Hk1 Secureneet CA Class B	×
The poly present user to a therite new services or trusted	
certification authorities.	/
elect Authentication Method:	
iecured password (EAP-MSCHAP v2) 🛛 🖌 Configu	re
Enable Fast Reconnect	
OK Can	cel
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Remove the check from Validate server certificate

Select Authentication method: Secure password (EAP-MSCHAP v2) **Check Enable Fast Reconnect**

Click Configure

Remove the check from the option for Automatically use my Windows logon name and password (and domain if any).

Click OK until you have exited from Wireless Network Connections Properties

	Wireless network properties
	Association Authentication Connection
⇒	Network name (SSID): bevill_access
	Wireless network key
	This network requires a key for the following:
⇒	Network Authentication: Open
⇒	Data encryption: WEP
	Network key:
	Confirm network key:
Ď	Key index (advanced): 1
	This is a computer-to-computer (ad hoc) network; wireless access points are not used
	OK Cancel

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Wireless network properties	
Association Authentication Connection	
Select this option to provide authenticated network access for wireless Ethernet networks.	
EAP type: Protected EAP (PEAP)	
Properties	
Authenticate as computer when computer information is available	
Authenticate as guest when user or computer information is unavailable	
OK Cancel	



Restart Computer

Connecting to the Wireless Network

After restarting the computer you will see the following bubble pop up on the task bar when the wireless network is in range.

Click in the center of the bubble (not the X) to enter your credentials.

In the credentials box enter:

User Name: **BLACKBOARD ID** Password: **STUDENT NUMBER** Logon Domain: BSCC

Click OK

You should be able to use the Secure Wireless Network from any BSCC Campus.

Enter Credentials
User name:
Password:
Logon domain:
OK Cancel

