BEVILL STATE COMMUNITY COLLEGE ALL CAMPUSES Windows Vista

Configuring Student Laptop for 802.1x Wireless Connectivity

Affected Systems: Microsoft Windows Vista

Requires Updates: Windows Vista Windows Vista Hot Fix #KB88543 – Download from

*Enable the computer wireless networking service. (This may be a switch, or software that turns on the wireless card.)

- a. Click Start
- b. Select Control Panel
- c. Choose Network and Internet



- d. Three options available
- e. Choose Wireless (This will bring up the wireless option)



How do you want to connect?



Broadband (PPPoE)
Connect using DSL or cable that requires a user name and password



Connect to the Internet Dialog Box appears Click on Connect

😋 🔹 Connect to the Internet	The computer's secondly, these	1.	Personalis	ation
Select a network to connec	t to			
ſ				49
Unnamed Network	Security-enabled network			ш.
I				
Set up a connection or network				
Open Network and Sharing Center				
			C <u>o</u> nnect	Cancel

		C + 4
Select the Manage Wireless Networks	\Rightarrow	Manage wireless networks that use (Wireless Network Connection)
Click the Add button		Windows tries to connect to these networks in the order listed below. To change the order, drag ϵ can also add or remove network profiles.
	\Rightarrow	👍 Add 🛞 Adapter properties & Profile types 💺 Network and Sharing Center

G 🔐 Manually connect to a wireless network

Network name:

Security type:

Encryption type:

⇒

⇒

Security Key/Passphrase:

Start this connection automatically

Connect even if the network is not broadcasting

Enter information for the wireless network you want to add bevill_access

802.1x

WEP

Warning: If you select this option, your computer's privacy might be at risk.

Choose Manually Create a network Profile

Network Name: bevill access \Rightarrow Security type: 802.1x (Upon choosing 802.1x it should default the WEP automatically) Encryption type: WEP Make sure that you **CHECK** connect even if etc...

Click Next

Next screen states the successfully added Bevill-access

Choose Change connection ...

The bevill-access Wireless Network Properties Dialog box will appear.

Click the Security tab



- - X

Display characters

Next Cancel

From the Security tab, Choose a network authentication method: Cho PEAP from the drop down menu Click the settings tab	oose ➡	will access Wireless Network properties Connection Security Signify type: B02.1X Egryption type: WEP Choose a network authentication method: Protected EAP (PEAP) Cache user information for subsequent connections It is network
From the Drotected EAD Droperties		
From the Protected EAP Properties		Protected EAP Properties
UNCHECK the Validate server certificate	C	When connecting:
Click the CONFIGURE tab located under the Sel Authentication Method	lect	Carnet to these servers: Carnet four Certification Authorities: Carte Cyterion Configures: Carte Cyterion Certification Authority: Carte Cyterion Certification Authority: Symmetre: Root Cartification Authority: Symmetre: Root Cartification Authority: Carte Cyterion Certification Authority: Contexpresent Configures: Carte Cyterion Certification Authority: Carte Cyterion Certification Authority: Configures: Carte Cyterion Certification Authority: Carte Cyterion Certification Authority: Carte Cyterion Certification Authority: Configures: Carte Cyterion Certification Authority: Carte Cyterion Certification Certifica
UNCHECK automatically use my Windows logo	n 🗔	
Name and password (and domain if any)	EA	P MSCHAPv2 Properties
		When connecting: <u>Automatically use my Windows logon name and</u> password (and domain if any).
Click OK		A
		OK Cancel
The system should try and connect to the wireless internet. You should get a dialog box that states that the system is trying to "Connect to the Internet". Additional log on information is required to connect to this network!	Conne Additiona You may network	al log on information is required to connect to this network. y need to select a certificate or enter a user name and password to connect to this
Choose Enter/select additional log on □→	• <u>E</u> r	nter/select additional log on information
Information	→ <u>C</u>	onnect to a different network

Cancel

The Enter Credentials Screen Will appear and you are to type User Name: **BLACKBOARD ID** Password: **STUDENT NUMBER** Logon Domain: BSCC

Click OK

	Enter Credentials
⇒	User name:
⇒	Password:
⇒	Logon domain:
	Save this user name and password for future use
⇒	OK Cancel

You should see the Connect to a network dialog box appear.

Choose bevill_access and Click Connect

Once the wireless has validated your credentials it should state **"CONNECTED"**

(Connect to a network	-	
[Disconnect or connect to	another network	
	Show All	•	4,
	bevill_access	Connected	liter
	Unnamed Network	Security-enabled network	llter
	Set up a connection or network Open Network and Sharing Cent	er	
			Connect Cancel