Windows 7 Manual Configuration for UCF_WPA2

User Guide

University of Central Florida

UCF Service Desk
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UCF Wireless Network

The UCF_WPA2 wireless network is the secure network on campus for student, facility and staff use and is the recommended network for wireless connectivity. To set up your connection to the UCF_WPA2 wireless network you must configure your device, connect for the first time and then stop the device from saving your credentials. This guide will direct you on how to manually set it up for Windows 7.

InCommon Server CA Root Certificate

Before connecting to the UCF_WPA2 on a Windows 7 machine, you will want to download and install the InCommon Server CA root certificate from our website. To do, connect to the UCF_Guest Network (no user name or password required) and visit http://wireless.ucf.edu and click on Students, Faculty and Staff. Click on Windows, then the link for InCommon Server CA Root link under Step 1, follow the prompts to install the certificate and proceed with this guide.

Configure your device

Click Start and then Control Panel. Under “View by:”, select Category.

Under Network and Internet category, click on “View network status and tasks”.

Click on “Manage wireless networks”. If the option is not available then your wireless adapter is not working properly.
Click on Add.

Click "Manually create a network profile"

Select the following:

Network name: UCF_WPA2
Security type: WPA2-Enterprise
Encryption type: AES

Click Next

Ignore the error message saying “Windows cannot connect you to UCF_WPA2” and click “Change connection settings”

On the UCF_WPA2 Wireless Network Properties window:

Select the Security tab

Click on Advanced settings
Check the “Specify Authentication mode:” box

Select “User authentication”

Click OK

Click the Settings button

Check the box for “Connect to these servers:”

Type in:
NET8882.net.ucf.edu; NET8883.net.ucf.edu; NET8884.net.ucf.edu

Under “Trusted Root Certification Authorities:” check
"AddTrust External CA Root"

Select the “Configure…” button

Clear the check box.

Click OK.

Click OK or close on all open windows.

Your computer is now configured to connect to the UCF wireless network.
First Time Connecting to the UCF_WPA2

Once your device is configured you can connect to UCF_WPA2 using your NID and NID password. When in range of UCF_WPA2 you should see a notice pop up in the notification area. Click it.

Enter your NID and NID Password. Enter NET for the Logon domain (if asked).

Click OK.

If asked, view the certificate presented. This window may not appear if the SSID was added with the script successfully. Verify it is issued to “NET8882.net.ucf.edu” and “NET8883.net.ucf.edu” or “NET8884.net.ucf.edu” and issued by “AddTrust External CA Root”

If it is not, open a trouble ticket with the Service Desk immediately.

The “Set Network Location” window will open, select “Public Location.” This is an important security measure that should be taken to make your computer more secure.

The network location should show as Public, click Close.

The Network and Sharing Center should now show a connection to the Internet through the wireless network.
Stop Credentials from Being Stored

The last step for configuring your connection is to stop the computer from saving your username and password. Once you successfully log on to the UCF_WPA2 network, your credentials are automatically stored in the computer for reuse.

Your password changes every 60 days and having the old password stored may lock up your account.

To stop these credentials from being stored:

Right-click on the Wireless icon on the taskbar and choose Properties.

Click on the Security tab.

Uncheck the box labeled, "Remember my credentials for this connection each time I'm logged on."

Click OK.
Document Version Control

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