

Wireless Connectivity - WPA2 overview

UCHC-WIFI will be rolled out to all the access points as part of the migration from the Cisco proprietary LEAP standard.

1) *Question: Is the UCHC-WIFI wireless network available everywhere on the campus? Range?*

Answer: UCHC-WIFI will be available anywhere JDH-LEAP and uconn-2002 are available. This new SSID will have the same coverage and range.

2) *Question: There are 3 wireless configuration documents, which one do I use?*

Answer: The new UCHC WiFi will be compatible with any device which supports the WIFI alliance standardized WPA2 configuration. There are configuration guides for the Windows Networking , Cisco and Intel Proset clients which are commonly in use. There is also a Generic configuration for other wireless clients.

If you use a Cisco card, use the [Cisco Wireless Profile Setup](#); if you use the Intel Proset client, use [Intel ProSet Profile Setup](#) ; for Microsoft networking use [Windows Networking \(XP SP3\) Setup](#) ; for all others use the [Third Party Client Configuration - Quick Reference Guide](#) for the appropriate parameters.

Anyone with a valid domain account will be able to use the network as long as their wireless client is properly configured.

The JDH-LEAP SSID will be eventually phased out. A timeline will be set for disabling the JDH-LEAP and uconn2002 networks at a later date (tentative 6-8 months) once all clients have been moved off JDH-LEAP. A logical transition cut off would be during the 2009 summer break as new students would be instructed to use the UCHC-WIFI network, however the exact date for removal of JDH-LEAP will be decided based on the adoption/migration rate of our users.

In addition to native Windows XP SP3+ and Mac OS support , WPA2 is supported by a wide variety of devices (including iTouches/iPhones and Blackberry devices) and as such it is expected that the adoption rate of the new SSID will be very high among the user population.

In preparation for the institution wide deployment of WPA2, configuration documents for the Windows native client, Intel ProSet and Cisco wireless clients are available.