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UMiamiWireless Information

What is UMiamiWireless?
UMiamiWireless is a wireless network that provides encryption for your wireless communications from your device to the wireless access point. UMiamiWireless is for use by UM faculty and staff at the Coral Gables and Marine campuses.

Why?
UMiamiWireless uses an IEEE industry standard 802.1X which provides enhanced security to wireless networks. The 802.1X standard offers an effective framework for authenticating and controlling user traffic to a protected network.

UMiamiWireless vs SecureCanes vs CaneNet_Wireless vs CanesGuest
UMiamiWireless is an encrypted Wi-Fi network that allows UM faculty and staff at the Coral Gables and Marine campuses to access the internet in a secure manner.

SecureCanes is an encrypted Wi-Fi network that allows UM faculty and staff at the UHealth/Miller School of Medicine (MSOM) campus, including the Lennar Foundation Medical Center and satellite locations, to access the internet in a secure manner.

CaneNet_Wireless is an encrypted Wi-Fi network that allows UM students to access the internet in a secure manner.

CanesGuest is an open, unsecure network that offers no encryption to the wireless network. It provides guests of the University with limited Wi-Fi access.

How?
This documentation serves as a how-to UMiamiWireless connection guide.

The examples in this guide include walk-throughs for the following operating systems:
- Windows 11
- Windows 10
- Mac OSX Sierra (10.12) or higher
- Apple iOS
- Android
- Chrome OS

Requirements
You must use your valid CaneID and password to access the UMiamiWireless network, and you can can connect using a wireless-capable device, such as a laptop, tablet, or smartphone.

Support
For additional assistance and support, please contact the UMIT Service Desk at: (305) 284-6565 or help@miami.edu.
Windows 11

Section 1.1 Windows 11

1) Click on the wireless signal icon or network globe on the bottom right of your screen.

2) Select UMiamiWireless from the list of wireless network connections.
Section 1.1 Windows 11 cont’d

3) Click on Connect for UMiamiWireless and check mark Connect automatically.

4) You will then be prompted to input your CaneID username and password. Then click OK.
Section 1.1 Windows 11 cont’d

5) You will be prompted to “Continue connecting?” Click Connect.

6) You will then be connected to the UMiamiWireless network.

Remove SecureCanes

Please use the following steps to remove SecureCanes from your device(s) to prevent it from hopping networks.

1. Click on the Network icon from Step 1 and click on Settings (the gear wheel).
2. Select Network & Internet.
3. Select Wi-Fi.
4. Select Manage known networks.
5. Select the SecureCanes network, and click Forget.
Windows 10

Section 2.1 Windows 10

1) Click on the wireless signal icon or network globe on the bottom right of your screen.

2) Select UMiamiWireless from the list of wireless network connections.
Section 2.1 Windows 10 cont’d

3) Click on Connect for UMiamiWireless and check mark Connect automatically.

4) You may be prompted to verify that you expect to find UMiamiWireless in this location. Click Connect. You will then be prompted to input your CaneID username and password. Then click OK.
Section 2.1 Windows 10 cont’d

5) You will be prompted to “Continue connecting?” Click **Connect**.

![UMiamiWireless connection prompt](image)

6) You will then be connected to the *UMiamiWireless* network.

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**Remove SecureCanes**

Please use the following steps to remove **SecureCanes** from your device(s) to prevent it from hopping networks.

1. Click on the Windows menu and go to **Settings** (the gear wheel).
2. Select **Network & Internet**.
3. Scroll down past the list of available networks and select **Manage Wi-Fi settings**.
4. Within the Manage Wi-Fi settings, scroll down to the bottom to the section that says **Manage known networks**.
5. Select the **SecureCanes** network, and click **Forget**.

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Mac OS X

Section 3.1 Mac OS X

1) Click on the wireless signal icon on the top right of your screen.

![Wi-Fi signal icon](image)

2) Select *UMiamiWireless* from the list of wireless networks. You may need to click on “Other Networks” to list all visible networks.

![Wireless network selection](image)

3) You will be prompted to input your CaneID username and password. Check mark *Remember this network* and then click *OK*.

![Password input](image)
Section 3.1 Mac OS X cont’d

4) Click on Continue to accept the 802.1x certificate.

5) If your Mac prompts you for a fingerprint, use your fingerprint to “Use Password...” to type in your local user password and then click OK.

6) You will then be connected to the UMiamiWireless network.
Section 3.1 Mac OS X cont’d

**Remove SecureCanes**

Please use the following steps to remove SecureCanes from your device(s) to prevent it from hopping networks.

1. Click on the Apple logo on the top left corner of your screen.
2. In the drop down menu, click **System Preferences**.
3. Under the Internet & Wireless section, click on **Network**.
4. On the left hand panel, select **Airport or Wi-Fi**.
5. Click on **Advanced**.
6. Find the **SecureCanes** network in the list of Preferred Networks and select it.
7. Click on the “-” sign at the bottom to remove the profile.
8. Click on **OK** and then click **Apply** to apply the changes.
Apple iOS Mobile Devices

Section 4.1 Apple iOS Mobile Devices

1) Tap on the Settings icon on your home screen.

2) On the Settings screen, tap on Wi-Fi.

![Settings and Wi-Fi interface]

3) Tap on UMiamiWireless from the list of Wi-Fi networks.
Section 4.1 Apple IOS Mobile Devices cont’d

4) You will be prompted to input your CaneID username and password. Then tap Join.

5) Tap on Accept to accept the 802.1x certificate.

6) You will then be connected to the UMiamiWireless network.

Remove SecureCanes

Please use the following steps to remove SecureCanes from your device(s) to prevent it from hopping networks.
While on a University of Miami campus:
   1. Tap on the Settings icon on your home screen.
   2. On the Settings screen, tap on WiFi.
   3. Tap on the arrow next to the SecureCanes SSID on the list.
   4. Tap on Forget this network on top.
Select Versions of Android

Section 5.1 Select Versions of Android

1) Tap on the *Settings* icon in your Apps.

2) Under Wireless and Networks, tap on *Wi-Fi*.

3) Tap on *UMiamiWireless* in Wi-Fi.
Section 5.1 Select Versions of Android cont’d

4) From the Connect menu, select “PEAP” as the EAP method and “MSCHAPV2” as the Phase 2 authentication. Select the CA certificate as “Use system certificates.”

5) Enter “miami.edu” as the Domain, and input your CaneID username and password as your Identity and Password. Then tap Connect.

6) You will then be connected to the UmiamiWireless network.

Remove SecureCanes

Please use the following steps to remove SecureCanes from your device(s) to prevent it from hopping networks.

1. Tap on the Settings icon located in your Apps.
2. Under the Wireless & Networks section, tap on the Wi-Fi settings and turn it on.
3. Scroll down the list of networks until you find the SecureCanes network. Press and hold that network, and select Forget network.
Android 10.0 Mobile Devices

Section 6.1 Android 10.0 Mobile Devices

1) Tap on the *Settings* icon located in your Apps.

2) Tap on *Network and Internet* or *Connections*, and then tap on *Wi-Fi*.

3) Tap on *UMiamiWireless* in Wi-Fi.
Section 6.1 Android 10.0 Mobile Devices cont’d

4) From the Connect menu, select “PEAP” as the EAP method and “MSCHAPV2” as the Phase 2 authentication. Select CA certificate as “Use system certificates.”

5) Enter “miami.edu” as the Domain, and input your CaneID as the identity and your password as the Password. Then tap Connect.

6) You will then be connected to the UMiamiWireless network.

Remove SecureCanes

Please use the following steps to remove SecureCanes from your device(s) to prevent it from hopping networks.

1. Tap on the Settings icon located in your Apps.
2. Under the Wireless & Networks section, tap on the Wi-Fi settings and turn it on.
3. Scroll down the list of networks until you find the SecureCanes network. Press and hold that network, and select Forget network.
Android 12.0 Mobile Devices

Section 7.1 Android 12.0 Mobile Devices

1) Tap on the Settings icon located in your Apps.

2) Tap on Network and Internet, and then tap on Wi-Fi or Internet.

3) Tap on UMiamiWireless in Wi-Fi.
Section 7.1 Android 12.0 Mobile Devices cont’d

4) From the Connect menu, select “PEAP” as the EAP method and “MSCHAPV2” as the Phase 2 authentication. Select CA certificate as “Use system certificates.”

5) Enter “miami.edu” as the Domain, and input your CaneID as the identity and your password as the Password. Then tap Connect.

6) You will then be connected to the UMiamiWireless network.

Remove SecureCanes

Please use the following steps to remove SecureCanes from your device(s) to prevent it from hopping networks.

1. Tap on the Settings icon located in your Apps.
2. Under the Wireless & Networks section, tap on the Wi-Fi settings and turn it on.
3. Scroll down the list of networks until you find the SecureCanes network. Press and hold that network, and select Forget network.
Chrome OS

Section 8.1 Chrome OS

1) Select the wireless and clock icon at the bottom right corner of the screen.

2) Select the *Wireless Network* option to see the list of available networks.

3) Select the *UMiamiWireless* network.
Section 8.1 Chrome OS cont’d

4) On the Join Wi-Fi network page, enter “EAP-TTLS” as the EAP method, and “MSCHAPV2” as the EAP Phase 2 authentication. Use “Default” for the Server CA certificate.

5) Input your CaneID username and password as the Identity and Password. Then select Connect.

6) You will then be connected to the UMiamiWireless network.
Section 8.1 Chrome OS cont'd

Remove SecureCanes

Please use the following steps to remove SecureCanes from your device(s) to prevent it from hopping networks.

1. Tap on the time clock and tap on the Settings icon.
2. Tap on the SSID you are currently connected to, (Should be UMiamiWireless).
3. Find the network name, SecureCanes, and click on the arrow on the right-hand side.
4. Click on Forget.