

HOW TO FIND YOUR DEVICE Wi-Fi MAC ADDRESS

The **Media Access Control (MAC) address** is a unique value associated with your device network adapters and is also known as “**hardware address**” or “**physical address**”. MAC addresses are 12-digit hexadecimal numbers and are usually written **MM:MM:MM:SS:SS:SS** or **MM-MM-MM-SS-SS-SS**. The first half of a MAC address identifies the manufacturer (MM:MM:MM) and the second half of a MAC address represents the unique serial number assigned to the adapter by the manufacturer. National Defense University (NDU) utilizes your device Description (such as PC, Laptop, Notebook, Netbook, Tables, etc.), Make, Model, Serial # and MAC Address for authorization, authentication and non-repudiation purposes in NDU Wireless Internet Gateway Network.

The method used to find a MAC address depends on the Device and Operating Systems (OS). Since there are dozens of manufacturers and devices in the market today, we simplified the steps to find your Wi-Fi MAC address based on the OS (as much as possible). In the case of Apple and Microsoft, the steps are very straight forward. In the case of Android and Linux, the steps may vary slightly according to the device manufacturer.

Microsoft OS

(Windows XP, Windows Vista & Windows 7)

1. Click on the **Start** icon (lower left corner).
2. Click on **All Programs**.
3. Click on **Accessories**.
4. Click on **Command Prompt**.
5. Type **ipconfig /all**
6. Write down the correct **Physical Address** under the section labeled *Ethernet Adapter Wireless Network Connection* or *Wireless LAN Adapter Wireless Network Connection*.

NOTE: You'll be looking at the complete list of all the adapters in your Microsoft Windows device and it can be very confusing. Make sure that you select the right one for Wi-Fi networks. Please consult your Information Technology (IT) professional if you are not sure which address you should include in your NDU form.

Apple iOS 5.1

(iPad & iPhone)

1. Select **Settings**.
2. Select **General**.
3. Select **About**.
4. Write down the **Wi-Fi MAC Address**.

Apple Mac OS X

(Up to Tiger, Mac OS X 10.4)

1. Click on **Apple Icon** (upper left corner).
2. Select **System Preferences**.
3. Select **Network**.
4. Select **AirPort**.
5. Write down the **Air Port ID** (Wi-Fi MAC address).

Apple Mac OS X

(Leopard and Snow Leopard, 10.5 and 10.6)

1. Click on **Apple Icon** (upper left corner).
2. Select **System Preferences**.
3. Select **Network**.
4. Select **AirPort**.
5. Click the **Advanced...** button.
6. Write down the **Air Port ID** (Wi-Fi MAC address).

Apple Mac OS X

(Lion and Mountain Lion, 10.7)

1. Click on **Apple Icon** (upper left corner).
2. Select **System Preferences**.
3. Select **Network**.
4. Select **AirPort**.
5. Click the **Advanced...** button.
6. Write down the **Wi-Fi address**.

Android OS

(Most Tablets and Phones)

1. Go to the **Home Screen**.
2. Select **Settings**.
3. Select **About Device**.
4. Select **Status**.
5. Write down the **Wi-Fi MAC address**.

RedHat Linux OS

(May vary in other versions of Linux)

1. Open a **terminal window** as Root or Super User (or a user with appropriate permissions).
2. Type **ifconfig -a**.
3. Locate the **Wi-Fi Ethernet adapter** in the output.
3. Write down the **Wi-Fi MAC address** locate next to HWaddr.

NOTE: Make sure, when completing the NDU Wireless user Agreement Form, you wrote down the correct MAC address and didn't make any mistakes copying it. It could take up to 36 hours, for the Information Technology Department, to correct the wrong MAC address in the system after your arrival at NDU.

HOW TO COMPLETE YOUR USER AGREEMENT FORM

In order to use the National Defense University (NDU) Wireless Internet Gateway Network, users need to submit a National Defense University (NDU) Wireless Internet Gateway User Agreement Form. The disclosure of information in this user agreement form is voluntary. However, failure to provide the requested information will result in denial of issuance of access to the NDU Wireless Internet Gateway.

The form identifies the user of the NDU Wireless Internet Gateway as receiving usage and security awareness training governing use of the Gateway and agreeing to use the Gateway in accordance with security and wireless policies. The information is used for identification purposes and to verify compliance with DoD requirements regarding accountability of information processing systems, and provides emergency contact information on the user in the event that the user's access to the Gateway becomes compromised, or requires a reconfiguration due to security policy changes.

1) Complete and sign the form electronically (preferred). If you cannot complete and sign the form electronically, print a hard copy and make sure you write very legible.

2) Fill PART I. This section collects your contact information.

Description	
LAST NAME	Your last name
FIRST NAME	Your first name
RANK/GRADE	Your Rank and Grade such as Capt/O3 or Dr/GS-14
ORGANIZATION	Your organization's Name
BUILDING	Ft. McNair, Marshall Hall (B62)
ROOM NUMBER	145 (Registration) or the actual classroom number
PRIMARY TELEPHONE NUMBER	Cell Phone Number
ALTERNATE PHONE NUMBER	Office Number
SPONSOR ORGANIZATION	NDU iCollege
E-MAIL ADDRESS	The same email address in NDU Blackboard

3) Fill PART II. This section collects your device information.

Description	
BRAND	Your device manufacturer, such as Apple, Dell, Motorola, Samsung, Toshiba, etc.
DESCRIPTION	Your device type or description, such as Personal Computer, Laptop, Notebook, Netbook, Tables, etc.
MODEL	Your device model, such as Latitude E6400, iPad2, etc.
SERIAL NUMBER	Your device serial number.
MAC ADDRESS	Your device Wi-Fi MAC address

4) Carefully read section 11. It contains the consent and acceptable use details.

5) Date section 12 and sign section 13 electronically. If you printed a hard copy, make sure that you scan the form and save it as a PDF file.

6) Rename the PDF file *NDU Wireless Form for [Last Name, First name]*.

7) Email the PDF file to iCollegelMOs@ndu.edu. Write *NDU Wireless Access Form for [Last Name, First Name] – Class [Class ID]* in the Subject Line.

8) Complete and send the PDF file no later than three (3) duty days before you come to NDU for your in resident portion of your course.