

Network Access and Device Registration

How do I find the MAC address (physical Ethernet address) of a computer, mobile device, or gaming console?

This guide is for manually registering computers, game consoles, and mobile devices on the Carthage campus network.

NOTE: The Ethernet address is often called a MAC address - it is not related to Macintosh.

If your device has a browser, you should register it online by using your browser to go to <http://connect.carthage.edu>. If the device does NOT have a browser, follow the instructions below to find your device's Ethernet (MAC) address, then [follow the instructions here to register it.](#)

Conference guests without Carthage logins should follow the instructions below and then go to "Carthage-Open" to register it.

Computers

Mac

1. Click on the "wireless connection" symbol.
2. Click on "Open Network Preferences."
3. Choose the "Airport" option on the left. Click "Ethernet" on the left, then click "Advanced," then "Hardware."
4. Click on "Advanced" in the bottom right corner.
5. The "AirPort ID" on the bottom of page is the Physical Ethernet Address you are looking for.
6. Choose the "Built-in Ethernet" from the drop down menu.
7. Then click on "Configure."
8. There will then be an "Ethernet" tab to click on.
9. Under this tab is where you will find the Ethernet Id that you are looking for.

PC (Windows 7, Vista, or XP)

1. Click on the "Start" or "Windows Logo."
2. Choose the program "Run."
 1. If run does not appear on the start menu, type "Run" into the search.
 2. Then select "Run" from the list of programs.
 3. In the box, type "cmd."
 4. When the black box pops up, type "ipconfig /all." (Make sure there is a space between the g and the /).
 5. When the list of networks appear, scroll up until you see "Wireless Network Connection."
 6. Beneath this section will be the correct Physical Ethernet Address you are looking for.

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Microsoft Gaming

Xbox One

1. Press the "Menu" button on your controller.
2. Navigate to the Settings page.
3. Select "Network."
4. Select "Advanced Settings."
5. The MAC address will be listed next to Wired MAC on the right side of the screen.

XBox 360

1. Go to the "System" area of the Xbox Dashboard and select "Network Settings."
2. Select "Network," then configure network.
3. From "Additional Settings," select "Advanced Settings."
4. At the bottom of this screen you'll see a heading called Wired MAC Address (i.e. 01 33 b2 00 8a 22).

Sony Gaming

Playstation 4

1. Turn on your Playstation 4 without any disc in the drive and wait for the menu to pop up.
2. Navigate to the "Settings" icon (located on the far left).
3. Select the "System" icon under the Settings menu.
4. Select "System Information."
5. You will see your MAC address listed on this screen, containing letters and numbers in the format xx.xx.xx.xx.xx.xx.

PlayStation 3

1. Go to "Settings>System Settings>System Information."
2. View information on the PS3 system. You can check information such as system software version, MAC address (i.e. xx.xx.xx.xx.xx.xx), current IP address, and remaining hard disk capacity.

Sony PlayStation 2

1. Power up the PlayStation 2 and load the Network Adaptor Startup Disc.
2. Once it has loaded, press "X" to enter the "ISP SETUP."
3. The "ISP SETUP" will begin to load.
4. Select "Local Area Network."

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5. "Automatic Configuration."
6. Select "Advanced."
7. MAC address is at the bottom.
8. Once the setup process has loaded, press "X" to continue.
9. After the network adaptor has been found, press "X" to continue.
10. Press "X" again to continue.
11. Select "NEW" and then press "X" to continue.
12. Type a name for your ISP setting. This can be any name you would like to associate with this connection.
13. When asked if you currently subscribe to an ISP service, select "YES" and press "X" to continue.
14. For connection type, choose "HIGH SPEED CONNECTION (CABLE OR DSL)" and press "X" to continue. Select "AUTOMATIC SETTINGS" and press "X" to continue.
15. When asked if your ISP requires a User ID and Password, select "NO" and press "X" to continue.
16. When asked if your Internet Service Provider requires you to input a DHCP Host Name, select "NO," unplug your Ethernet cord from the PS2, and press "X" to continue. (Unplugging your Ethernet cord from the PS2 will cause the test to fail, but you want this to happen so that the PS2 will display your MAC address.)
17. Wait while your network connection is tested.
18. The network connection test will fail. Do not press "X" or "Triangle." Press "Select" to see the error message.
19. The MAC address will be displayed. The address is a combination of 12 numbers and letters (i.e. 01 33 b2 00 8a 22).

Sony PSP

1. Navigate to "System Settings."
2. Then navigate to "System Information", which is where the MAC address is listed (i.e. 01 33 b2 00 8a 22).

Nintendo Gaming

Wii-U

1. From the Wii Channel menu, select "Wii Settings" (the round button on the bottom-left of the screen with Wii on it).
2. Select "Internet," then "Console Settings."
3. The MAC address of the Wii console is displayed on the first line.

Wii

1. Turn on your Wii.
2. From the "Wii Menu" select "Wii Options." (It is the round button in the lower left corner that says "Wii.")

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3. Select "Wii Settings."
4. Scroll to the right to "Wii System Settings 2."
5. Select "Internet."
6. Select "Console Information."
7. The MAC address will be displayed (i.e. 01 33 b2 00 8a 22).

Nintendo 3DS

1. In 3DS menu, select "System Settings."
2. Select "Internet Settings."
3. Select "Other Information."
4. Confirm Mac Address.

Nintendo DS (You need wifi-enabled games running in DC to do this)

1. The MAC address of the Nintendo DS can be found by going to the "Nintendo Wi-Fi Connection Setup" in the game's menu.
2. Select "Options," then "System Information." The MAC address is displayed on the top line (i.e. 01 33 b2 00 8a 22).

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