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# Find the MAC Address of a Computer or Device

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A **Media Access Control (MAC) address** is a unique numeric identifier used to distinguish a device from others on a network. The address is assigned by the manufacturer, for Ethernet and Wi-Fi cards. Your device therefore is likely to have two MAC addresses.

<u>Windows</u>

<u>Mac (OSX)</u>

Apple TV

<u>Chromecast</u>

Amazon Echo

PlayStation 2

PlayStation 3

Samsung Smart TV

Wii

<u>Xbox</u>

Xbox One

<u>Xbox 360</u>

Testing your Xbox Live Connection

## Windows

Get your computer's Wired or Wireless MAC address from the Command Prompt Screen:

- 1. Select the Start button.
- 2. Type command in the search box (Start->Run for Windows XP) and press Enter.
- 3. \*At the Command Prompt, type \*ipconfig/all Note: Be sure to put a space between ipconfig and /all!
- 4. Press Enter to list the connection information for your wired and/or wireless connections.
- 5. To find the Physical Address for your connection:
  - $\circ\,$  The wired physical address will be listed under Ethernet adapter Local Area

Connection

- The wireless physical address will be listed under Ethernet adapter Wireless Network Connection
- 6. Write down or copy/paste the addresses for future reference.



Copy this information from the command prompt screen into a notepad document:

- 1. Right-click anywhere in the command prompt window and choose Select All.
- 2. Press Enter to copy the text from the Command Prompt screen.
- 3. Open up Notepad (Start->All Programs->Accessories->Notepad).
- 4. Right-click and choose Paste to put the information into the document.
- 5. Save and Print the document and keep it with your important papers.

Mark	
Сору	Enter
Paste	
Select All	1
Scroll	
Find	
	Mark Copy Paste Select All Scroll Find

#### Mac (OSX)

To get your computer's Wired or Wireless MAC address from the Terminal Screen:

- 1. Locate and open Terminal from Applications->Utilities->Terminal.
- 2. At the Terminal Prompt, type ifconfig and press Enter. This will list all of your network settings, including the physical addresses of your wired and wireless hardware.

- 3. To find the Physical Address for your connection:
  - > The wired physical address will be listed under en0
  - > The wireless physical address will be listed under en1
- Write down or copy/paste the addresses into a document for future reference. You
  can also directly print it by going to Shell->Print. Keep this document with your
  important papers.

Last login: Tue Apr 14 11:25:03 on ttys000 Alsho:	000	Terminal — bash — 92×42
<pre>AlsNo:</pre>	Last login: Tue Apr 14	4 11:25:83 on ttys000
<pre>lo0: flog=80H4_HP_LOOPBACK_RUNNING_HULTICAST&gt; mtu 16384 inet6 fe88::INI08 prefixien 64 scopeid 0x1 inet 127.8.0.1 netwosk 8xff000000 inet6 ::11 prefixien 128 gif8: flog=80=ntu 1200 er8: flog=80=14P.BRAACCAST_SHART_RUNNING_SIMPLEX_HULTICAST&gt; mtu 1500 ether 00:16::c0:093:03:22  Wired media: autoselect status: inactive supported media: autoselect 1000seT/UTP dull-duplex_100mecontrols 1000seTX_dull-duplex, 10=200000000000000000000000000000000000</pre>	AlsMoc:~\$ if	config
<pre>inet6 fe80:11Ni08 prefixien 64 scopeld 8x1 inet 127.8.0.1 netwook 8xff808080 inet6 ::1 prefixien 128 gif8: flags=861a-POINTOPOINT,MLLTICAST&gt; mtu 1280 stf8: flags=863ad#, B80x0CAST,SMART,RLNNING,SIMPLEX,MULTICAST&gt; mtu 1500 ether 00:16:cb:89:3d:52  Wired media: autoselect status: inactive supported media: autoselect 100aseT/UTP dull-duplex&gt; 100aseT/UTP dull-duplex&gt; 100 set/UTP dull-duplex,Mw-loopback&gt; 100aseT/UTP dull-duplex,flow-controls 1000baseTX dull-duplex,flow -controls 1000baseT dull-duplex&gt; 100dbaseTX dull-duplex,MultiCAST&gt; mtu 1500 itas 1000baseT dull-duplex&gt; 100baseTX dull-duplex,MultiCAST&gt; mtu 2000 llax 900baseT dull-duplex&gt; 100bbaseT dull-duplex,MultiCAST&gt; mtu 2000 llax 0016:cb:ff:fe:54:co:46 media: autoselect dull-duplex&gt; status: inactive supported media: autoselect dull-duplex&gt; flow-controls none fu0: flags=8063d#, BROADCAST,SMART,RLNNING,SIMPLEX,MULTICAST&gt; mtu 1508 inet6 fe00::216:cb:ff:fe00:54cb prefixien 64 scopeid 0x6 inet6 fe00::216:cb:ff:fe00:54cb prefixien 64 scopeid 0x6 inet6 fe00::326:cb:80:54:cb WireLeSS media: autoselect dull:duplex&gt; ent: flags=8063d#,BROADCAST,SMART,RLNNING,SIMPLEX,MULTICAST&gt; mtu 1508 inet6 fe00::216:cbf:ff:fe00:54cb prefixien 64 deprecated autoconf inet 126.148.179.244 metwask 0xfffff000 broadcast 128.148.179.255 ether 00:16:cb:80:54:cb WireLeSS media: autoselect status: active supported media: autoselect enf: flags=8063d#,BROADCAST,SMART,RLNNING,PROMISC,SIMPLEX,MULTICAST&gt; mtu 1500 inet6 fe00::216:c42ff:fe00:80Mend prefixien 64 scopeid 0x7 inet 18.211.55.2 metask 0xffffff00 broadcast 18.211.55.255 ether 00:16:42:00:000 inet6 fe00::216:c42ff:fe00:80Mend prefixien 64 scopeid 0x3 inet 18.37.129.2 metask 0xffffff00 broadcast 18.37.129.255 ether 00:16:42:00:000 inet6 fe00::216:c42ff:fe00:80Mend prefixien 64 scopeid 0x3 inet 18.37.129.2 metask 0xfffff00 broadcast 18.37.129.255 ether 00:16:42:00:000 inet6 fe00::216:c42fffff00 broadcast 18.37.129.255 ether 00:16:c42:00:000 media: autoselect Alsfoc:~</pre>	100: flogs=8849-UP,L00	PBACK,RUNNING,MULTICAST> mtu 16384
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<pre>gif2: flags=8010-001NT0-001NT_MULTICAST&gt; mtu 1200 stf8: flags=80-antu 1200 en0: flags=80-34P, BRADOCAST, SHART, RUNNING,SIMPLEX, MULTICAST&gt; mtu 1500 en0: autoselect status: inactive supported media: autoselect 18baseT/UTP dull-duplex, 18baseT/UTP dull-duplex, 18baseT/UTP dull-duplex, 100-control&gt; 108baseTX dull-duplex, 100-control&gt; 108baseTX dull-duplex, 100-control&gt; 108baseTX dull-duplex, 100-control&gt; 108baseT dull-duplex, 100-control&gt; 108bbaseT duplex, 100-control&gt; 108bbaseT duplex,</pre>	inet6 ::1 pref	ixlen 128
<pre>stf8: flags=8c&gt;.ntu 1208 er0: flags=8c&gt;.ntu 1: er0: flags=9c&gt;.ntu 1: er0: flags=9c&gt;.ntu 1: er0: flags</pre>	gif8: flags=8018-POINT	OPOINT,MULTICAST> ntu 1280
<pre>er8: flags=8863-JP_BROADCAST_SHWRT_RUNNING_SIPPLEX_HULTICAST&gt; mtu 1500     ether 00:16:cb:03930:52</pre>	stf8: flags=8 ontu 12	88
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<pre>supported media: autoselect en4: flags=8963-JP,BRQADCAST,SMART,RUNNING,PROMISC,SIMPLEX,MULTICAST&gt; wtu 1500 inet6 fe08::21c:42ff:fe00:8Nem4 prefixlen 64 scopeid 0x7 inet 10.211.55.2 netnosk 0xffffff00 broadcast 10.211.55.255 ether 00:1c:42:00:00:08 media: autoselect en5: flags=8963-JP,BRQADCAST,SMART,RUNNING,PROMISC,SIMPLEX,MULTICAST&gt; mtu 1500 inet6 fe00::21c:42ff:fe00:9Nem5 prefixlen 64 scopeid 0x0 inet 10.37.129.2 netnosk 0xffffff00 broadcast 10.37.129.255 ether 00:1c:42:00:00:09 media: autoselect status: active supported media: autoselect AlsMoc:~</pre>	nedia: autose	ect status: active
<pre>en4: flogs=8963-dP,BROADCAST,SMART,RUNNING,PROMISC,SIMPLEX,MULTICAST&gt; mtu 1500 inet6 fe08::21c:42ff:fe08:8Nen4 prefixien 64 scopeid 8x7 inet 18.211.55.25 netmosk 0xffffff08 broadcast 18.211.55.255 ether 00:1c:42:00:080:80 media: autoselect status: active supported media: autoselect en5: flogs=8963-dP,BROADCAST,SMART,RUNNING,PROMISC,SIMPLEX,MULTICAST&gt; mtu 1500 inet6 fe08::21c:42ff:fe08:9Nen5 prefixien 64 scopeid 0x8 inet 10.37.129.2 netmosk 0xffffff00 broadcast 10.37.129.255 ether 00:1c:42:00:00:09 media: autoselect status: active supported media: autoselect AlsMac:~</pre>	supported medi	a: autoselect
<pre>inet6 fe88::21c:42ff:fe88:8Nen4 prefixlen 64 scopeid 8x7 inet 18.211.55.2 network 0xffffff80 broadcast 18.211.55.255 ether 00:1c:42:80:80:80 medic: outoselect status: octive supported media: autoselect en5: flags=8963.dP,880A0CAST,SMART,RUNNING,PROMISC,SIMPLEX,MULTICAST&gt; mtu 1588 inet6 fe88::21c:42ff:fe88:9Nen5 prefixlen 64 scopeid 8x8 inet 10.37.129.2 network 0xffffff80 broadcast 18.37.129.255 ether 00:1c:42:80:80:89 media: autoselect status: octive supported media: autoselect AlsMoc:~</pre>	en4: flags=8963-duP,BRI	ADCAST, SMART, RUNNING, PROMISC, SIMPLEX, MULTICAST> mtu 1500
<pre>inet 10.211.55.2 network 0xffffff00 broadcast 10.211.55.255 ether 00:1c:42:00:00:06 media: autoselect status: active supported media: autoselect er5: flags=8963.dP,BR0ADCAST,SMART,RUNNING,PROMISC,SIMPLEX,MULTICAST&gt; mtu 1500 inet6 fe00::21c:42:ff:fe00:9Nen5 prefixien 64 scopeid 0x3 inet 10.37.129.2 network 0xffffff00 broadcast 10.37.129.255 ether 00:1c:42:00:00:09 media: autoselect status: active supported media: autoselect AlsMoc:~</pre>	inet6 fe88::21	ic:42ff:fe88:8Nen4 prefixien 64 scopeid 8x7
ether 00:1c:42:00:00:06 medic: outoselect status: active supported media: autoselect er5: flags=8963.dP,BR0ADCAST,SMART,RUNNING,PROMISC,SIMPLEX,MULTICAST> mtu 1500 inet6 fe00::21c:42ff:fe00:9Nen5 prefix!en 64 scopeid 0x0 inet 10.37.129.2 netmask 0xffffff00 broadcast 10.37.129.255 ether 00:1c:42:00:00:09 medic: autoselect status: active supported media: autoselect AlsMac:~	inet 10.211.55	5.2 network 0xffffff00 broadcast 10.211.55.255
<pre>media: autoselect status: active supported media: autoselect en5: flags=8963.dP,BR0ADCAST,SHART,RUNNING,PROMISC,SIMPLEX,MULTICAST&gt; mtu 1500 inet6 fe00::210:42ff:fe00:9Nex5 prefixlen 64 scopeid 0x0 inet 10.37.129.2 netmosk 0xfffff00 broadcast 10.37.129.255 ether 00:10:42:00:00:09 media: autoselect status: active supported media: autoselect AlsMac:~</pre>	ether 00:10:42	2:00:00:08
<pre>supported media: autoselect en5: flags=8963-UP_BROADCAST_SHART_RUNNING_PROMISC_SIMPLEX_MULTICAST&gt; mtu 1500 inet6 fe00::21c:42ff:fe00:9Nen5 prefixlen 64 scopeid 8x8 inet 10.37.129.2 netnask 0xffffff00 broadcast 10.37.129.255 ether 00:1c:42:00:00:09 media: autoselect status: active supported media: autoselect AlsMoc:~</pre>	media: autose	ect status: active
er5: flags=8963-dP,BROADCAST,SMART,RUNNING,PROMISC,SIMPLEX,MULTICAST> mtu 1500 inet6 fe00::21c:42ff:fe00:9Nen5 prefixien 64 scopeid 0x0 inet 10.37.129.2 netmask 0xffffff00 broadcast 10.37.129.255 ether 00:1c:42:00:00:09 media: autoselect status: active supported media: autoselect AlsMac:~	supported medi	a: autoselect
<pre>inet6 fe80::21c:42ff:fe80:9Nen5 prefixlen 64 scopeid 8x8 inet 10.37.129.2 netmask 0xfffff80 broadcast 10.37.129.255 ether 80:1c:42:80:80:89 media: autoselect status: active supported media: autoselect AlsMac:~</pre>	er5: flags=8963-UP,BRI	MADCAST, SMART, RUNNING, PROMISC, SIMPLEX, MULTICAST> wtu 1500
inet 10.37.129.2 network 0xfffff00 broadcast 10.37.129.255 ether 00:10:42:00:00:09 media: autoselect status: active supported media: autoselect AlsMac:~	inet6 fe88::21	c:42ff:fe00:9Nen5 prefixlen 64 scopeid 8x8
ether 00:1c:42:00:00:09 media: autoselect status: active supported media: autoselect AlsMac:~	inet 10.37.129	2.2 netwask 0xffffff00 broadcast 10.37.129.255
media: autoselect status: active supported media: autoselect AlsMac:~	ether 60:1c:42	2:00:00:09
supported media: autoselect AlsMac:~	media: autose	lect status: active
Alstfor:~	supported medi	a: autoselect
	AlsMoc:~ mmilimet\$	
	10.000 Million - 10.000	

# Apple TV

- On the box: Look for the Wireless ID near the UPC label
- On the Apple TV: Go to Menu > Settings > About and look for the Wireless ID

#### Chromecast

PLEASE NOTE that Chromecasts do NOT currently work at Brown. Sorry!

In most cases, it will be listed on the page which asks you to select a wireless network (below are screenshots for Android and Mac). On a PC, you may have to click Settings to get to this page.

#### Connect Chromecast to your Wi-Fi

Wi-Fi network	
Brown	
MAC Address: 6C:AD	
00	Chromecast App
Choose "Chrom	e network for lecast "
Select a Wi-Fi netwo	ork to use with your Chromecast.
Wi-Fi Network:	Brown
Wi-Fi Password:	
	Show Password
Enter a name to ider	ntify your Chromecast.
Chromecast Name:	Chromecast
	Example: "Living Room"
MAC Address: 6C:AD	
	Help Cancel Continue

Amazon Echo

- 1. Download the Amazon Alexa app to your phone or computer and sign in with your Amazon account.
- 2. Connect to the wireless network transmitted by your Echo device.
- 3. The wireless MAC address for your Echo can be found at the bottom of the Echo Setup screen in the Alexa app.

#### PlayStation 2

- Install the network adapter given in the installation guide or on the PlayStation 2 Network Adapter Web site. Once you have the network adapter installed you are ready to begin the ISP Setup process.
- 2. Power up the PlayStation 2 and load the Network Adaptor Startup Disc.
- 3. Once it has loaded, select ISP Setup and press X.
- 4. The ISP SETUP will begin to load, and you will be presented with a license agreement. Select Agree and press X to continue.
- 5. For connection type, choose Local Area Network (LAN) and press X to continue.



6. Select Automatic Configuration and press X to continue.



7. At the connection test screen, select Advanced and press X to continue.



8. At the Advanced Broadband Settings screen, make sure Automatic is selected. While you are at this screen, make note of the MAC Address at the bottom. You will need this number to register your game console.



### Playstation 3

- 1. Power up the PlayStation 3 without any disc in the drive.
- 2. Once the PlayStation 3 operating system has loaded, select "Settings."
- 3. Once you are in "Settings" select "Network Settings."
- 4. When the "Network Settings" list appears, select the first option which is titled "Settings and Connection Status List."
- 5. The physical address will be listed under "MAC Address"

#### Samsung Smart TV

- 1. Go to your TV's menu and choose Network > Network Settings
- 2. Choose Wireless for your connection type
- 3. Choose to connect to the Brown-Guest network
- 4. On some Smart TVs, you will see the MAC Address on the next screen.

If it is not displayed, go back to the menu and choose Network > Network Status.



Wii

The Nintendo Wii is unable to access the Brown network via wireless connection and will

require the purchase and use of the Wii LAN Adapter.



1. When at the Wii menu screen, click the Wii icon in the lower left corner.



2. Select Wii Settings.



Click the arrow on the right side of the screen to advance to the next page of settings.



4. Select Internet.

Wii Sys	stem Settings 2	
	Parental Controls	
	Sensor Bar	
	S Internet	
	WiiConnect24	
	Back	2 3

5. Select Console Information.



 The MAC address for your console will be displayed under the LAN Adapter MAC Address listing(the second line).

Console Information	
MAC Address 00-00-00-00-00-00	
LAN Adapter MAC Address 00-00-00-00-00-00	
Back	

Xbox

 Insert your Xbox Live DVD in the drive. The software will automatically run and update the Xbox dashboard to show the Xbox Live option. Once this is complete, eject the CD and make sure you have your network cable plugged into your Xbox and in the network port. Open the Settings menu.



2. From Settings, go to Network Settings.

The state	Clock		4
	Language		
Sel	Audio		
	Video		100
- 50	Network Setting		
	Auto Sign-In	Y	
Anno Mariano	1 5 4		

3. Within the Network Settings Menu, go to IP Addresses.



4. Once in the IP Addresses Menu, be sure the configuration is set to Automatic.

Automatic 299 Patible Patie 200.0 Switch between Automatic and Hanual Coolid BATTELINY	Canal	EDINF ETH SHITTLEN
Switch between Automatic and Hanual		Automatic
Switch between Automatic and Planual DOUG	and the	IP HILIPETER
Switch between Automatic and Planual DATEURA		0.0.0.0
Automatic and DOCO		SLEWET MARK
Manual DATELINA	Switch between Automatic and Manual	0.0.0.0
		GPTEURY.
computation.	comparation	2 0.0.0

5. Press B and go back to the Network Settings menu, then go to DNS Servers.



6. Once in the DNS Servers Menu, be sure the configuration is set to Automatic.



 Press B and go back to the Network Settings menu, there you will then see the MAC address in the lower right hand part of the screen. Write this MAC address down somewhere.

1 al	TP ADDRESSES	
	DNS SERVERS	
		Contraction of the local division of the
	ADVANCED	address, gateway, and upper mask.
2	CONNECT	

# Xbox One

If you are able to reach the main menu on your Xbox, follow the steps below to locate the wired MAC address of your console.

- 1. If you are signed into your profile, navigate to My Games & Apps. \*\*Skip this step if you are not signed into a profile.
- 2. From there, select Settings.
- 3. In the settings pane, select Network.
- 4. Select Advanced Settings.
- 5. Record the Wired MAC address on this screen. It should be in the format "00:00:00:00:00:00."

## Xbox 360

1. Go to the System area of the Xbox Dashboard and select Network Settings.

wireless
nnections and
Statistics of the local sector

2. Select Edit Settings.



3. Under Basic Settings, check to make sure the IP Settings is on Automatic.

Edit Settings	
Basic Settings	Additional Settings
IP Settings IP Address Subnet Mask Gateway	Automatik 129.1.139.62 255.255.255 129.1.139.254
DNS Settings Primary DNS Server Secondary DNS Server	Automati 129.1.2 129.1.2
Network	Link • Act •
°	Back 😖 Select 👁

4. Now go to Additional Settings, select Advanced Settings.

Edit Settings	
Basic Settings	Additional Settings
PPPoE Settings User Name Password Service Name	Not set Not set Not set
Advanced Settings Host Name Alternate MAC Address	Not set Not set
Chempon	Lina • Act. •
2	Back

5. At the bottom of this screen you'll see a heading called Wired MAC Address.

Alternate MAC Address	Current Settings
Host Name	Not set
Wiretess Information	Enter a MAC address. You may have
Done	you normally connect a cable modern directly to your computer. For information, go to
Wired MAC Address	specify an alternate MAC address, the console's MAC address is used.
0	Back 🧕

Testing your Xbox Live Connection

 Once you have registered your Xbox 360 with the BGSU network, you can test your Xbox Live Connection. Go to the System area of the Xbox Dashboard and select Network Settings. From this menu then select "Test Xbox Live Connection".



2. The next screen will warn you that testing your network connection will sign everyone out. Select "Yes" to continue.



3. Testing of all Xbox Live connection will then take place.

Network Adapter	Wired	More Info	
Wireless Network		More info	
IP Address	Confirmed	More Info	
DNS	Confirmed	More Info	
MTU	Confirmed	More Info	
ICMP	Confirmed	More Info	
	Connected	More Info	
NAT	Open	More Info	
		Edit Settings	

4. To begin using your Xbox Live connection, Go to the Xbox Live area of the Xbox Dashboard and select the graphic that reads "Xbox Live".