

Residence Internet Access at Monash South Africa

Step 1 - Find the Physical /Ethernet Address of the onboard network card

In Windows:

- If you already know your Physical /Ethernet Address, skip to Step 2.
- Click on the **Start button**, then **All Programs**, then **Accessories** then **Command Prompt**
- At the Command prompt type **ipconfig /all**
- Under the “Ethernet adapter Local Area Connection“ heading look for **Physical Address** (ie Physical Address: 00-1E-90-86-F8-23). Note: do not use the Physical Address under the “Wireless...” heading.
- Remove the hyphens for the Ethernet/MAC address (ie 001E9086F823). See below sample:

```
C:\WINDOWS\system32\cmd.exe
C:\>ipconfig /all

Windows IP Configuration

Host Name . . . . . : l3e7408-lec-its
Primary Dns Suffix . . . . . :
Node Type . . . . . : Unknown
IP Routing Enabled. . . . . : No
WINS Proxy Enabled. . . . . : No

Ethernet adapter Wireless Network Connection:

Media State . . . . . : Media disconnected
Description . . . . . : Intel(R) Wireless WiFi Link 4965AGN
Physical Address. . . . . : 00-1D-E0-64-BD-3B

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . . :
Description . . . . . : Intel(R) 82566MM Gigabit Network Con
Physical Address. . . . . : 00-1E-37-84-25-E5
Dhcp Enabled. . . . . : No
IP Address. . . . . : 10.0.0.1
Subnet Mask . . . . . : 255.0.0.0
Default Gateway . . . . . : 10.0.0.0
DNS Servers . . . . . : 10.0.0.1

C:\>
```

In Mac OS

- From the Apple Menu, select "System Preferences".
- Select the "Network" icon
- Select "Built-in Ethernet" from the "Show" Pop-up menu.
- Select the "TCP/IP" tab
- The number next to Ethernet ID is a 12 digit hexadecimal number separated by colons (in the form XX:XX:XX:XX:XX:XX). This is the computer's Ethernet (**wired**) MAC address.

Step 2 - Register your network card address

- Go to the Network self registrations page at <https://webnet.its.monash.edu.au/cgi-bin/addhost/register>
- Enter your Authcate **username** and **password**
- See below sample:

- **Your Network Self Registrations**

Host Name	Ethernet address	Contact information	Action
mash4-wlan-self.saeec	<input type="text"/>	<input type="text"/>	<input type="button" value="Register"/>
mash4-wired-self.zaf	<input type="text"/>	<input type="text"/>	<input type="button" value="Register"/>

- Enter the Physical/“**Ethernet address**” (**without hyphens or spaces**) by **<your Username>-wired-self.zaf**, **not wlan-self.saeec as this is for wireless internet access.**
- Enter your “**Contact information**” in the following format: Cell no.-Res room location, example: Cell0840000000-Res0-Blk0-Rm0 (Compulsory, or ITS may terminate your Internet access to the residence)
 - **NB:** It is important that you enter your correct Cell phone number and Room location, otherwise your Internet access may be terminated by ITS. It is also important should you require ITS support in your room. ITS will not provide you with support, should your contact information be incorrect.

- Click “**Register**”. Card registration takes about one hour to process.

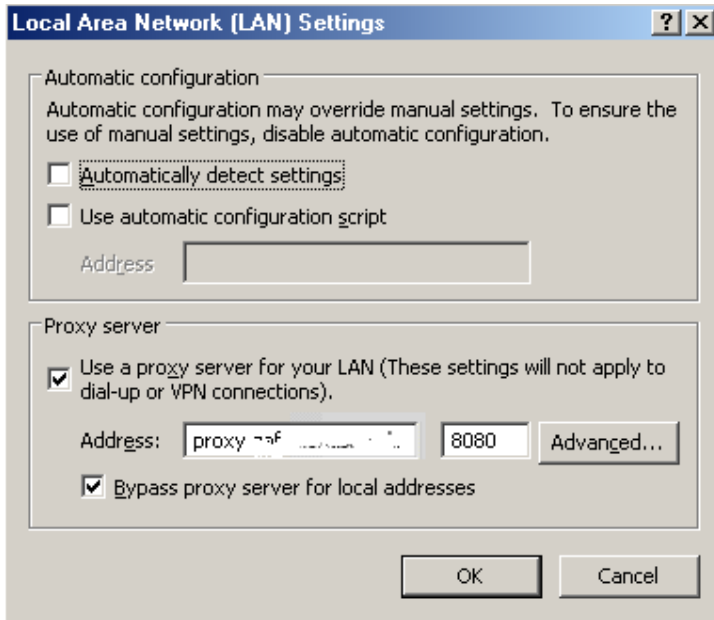
You will see the -Registration successful- text on successful registration, or an error message should there be a problem with your registration. You may also **Modify** or **Deregister** your current registration.

Remember – please wait one hour for your Internet access to activate.

Step 3 - Configuration requirements on your Windows PC / laptop

Internet Explorer

- Open ‘Internet Explorer’
- Select the ‘Tools’ menu
- Select ‘Internet Options’
- Click on the ‘Connections’ tab
- Click on the ‘LAN Settings..’ button
- Put a tick next to ‘Use proxy server for your LAN....’
- Enter the address as: ‘proxy-res-all-01.zaf.monash.edu’
- Port: ‘8080’
- Put a tick next to ‘Bypass proxy server for local addresses’ - see below example:



Safari for Mac OS

- Open Safari
- Click on Safari at the top of the screen
- Click on Preferences
- In the menu bar at the top of the window, Click on Advanced
- Click on the Change Settings button next to the Proxies label
- Click on the check box button next to Web Proxy (HTTP)
- Enter proxy-res-all-01.monash.edu into the field next to that check box button.
- Enter 8080 into the field labelled Port next to that.
- Enter proxy-res-all-01.monash.edu into the field next to the label Bypass proxy settings for these Hosts & Domains.

For Authentication, please use your Authcate user name and password.