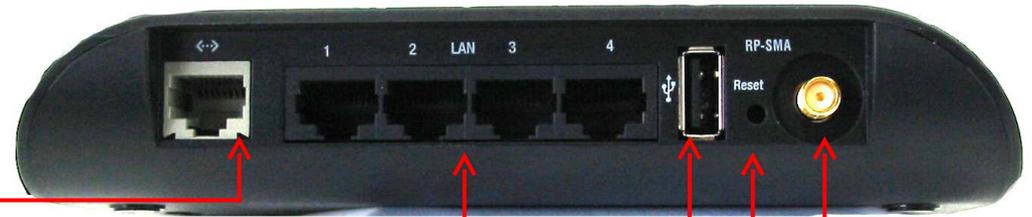


Part 1: Hardware setup

Prepare the Router

Get Acquainted AyrMesh Router



•WAN (Internet) port

•LAN ports (4)

•USB port (future use)

•Reset Button

•Antenna

Connect the Antenna

Screw the antenna on
finger-tight – do NOT
use any tools



Connect to your computer

Cable from LAN port to computer

Use an Ethernet cable to connect one of the LAN ports of the Router to the Ethernet port on your computer

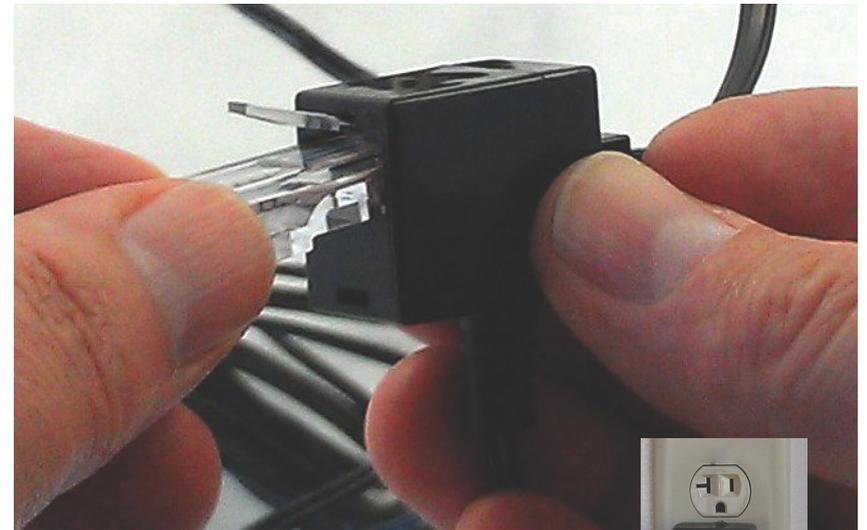


Connect Power & Plug in

Use another Ethernet cable

Plug one end into the WAN port of the router (furthest on the left)

Plug the other end into the Ethernet port on the power supply



DO NOT plug the Ethernet plug on the power supply into the Router- It does NOT carry power (it plugs into your Internet Modem)

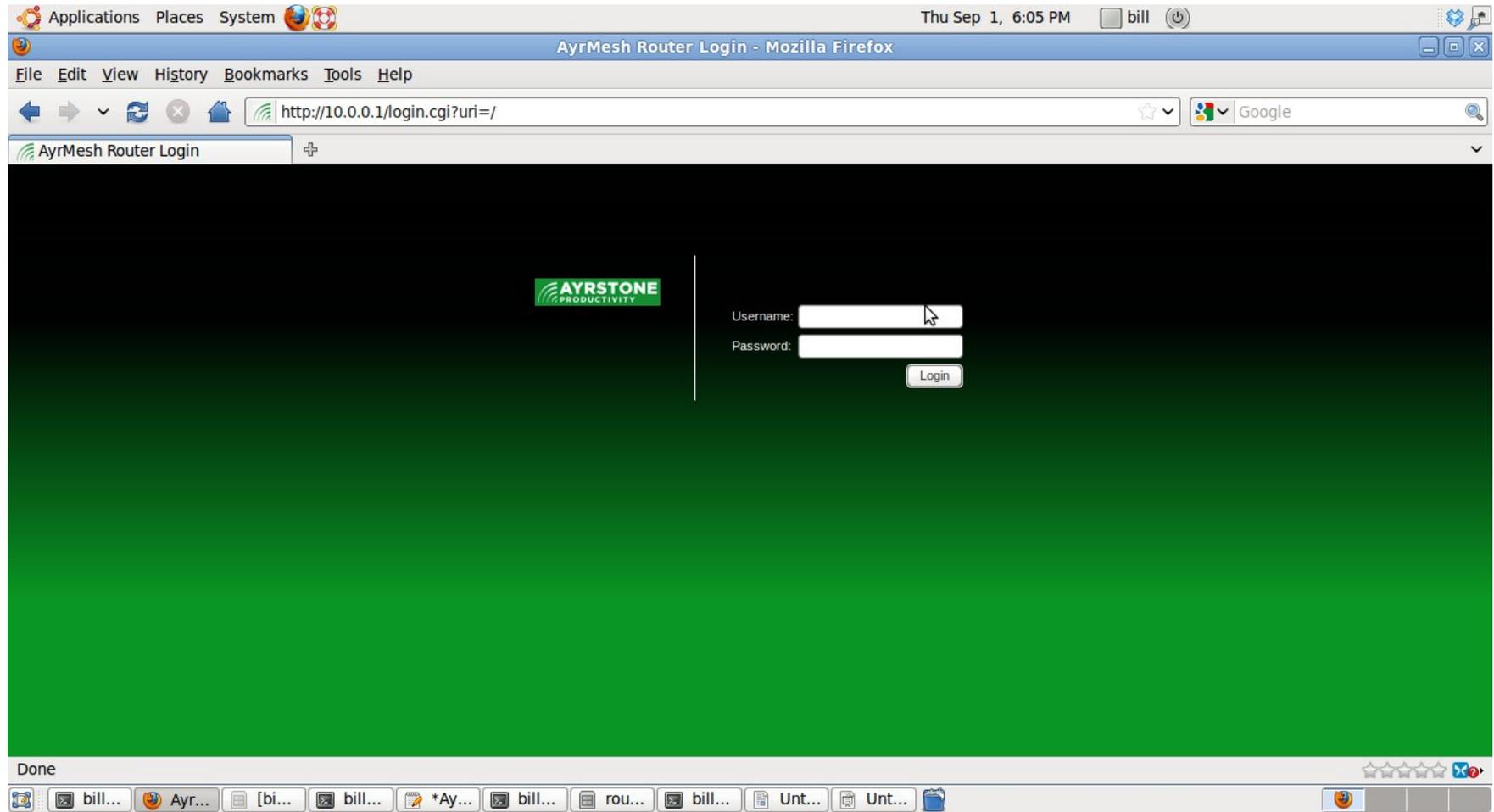


Part 2: Software Setup

Configure the Router

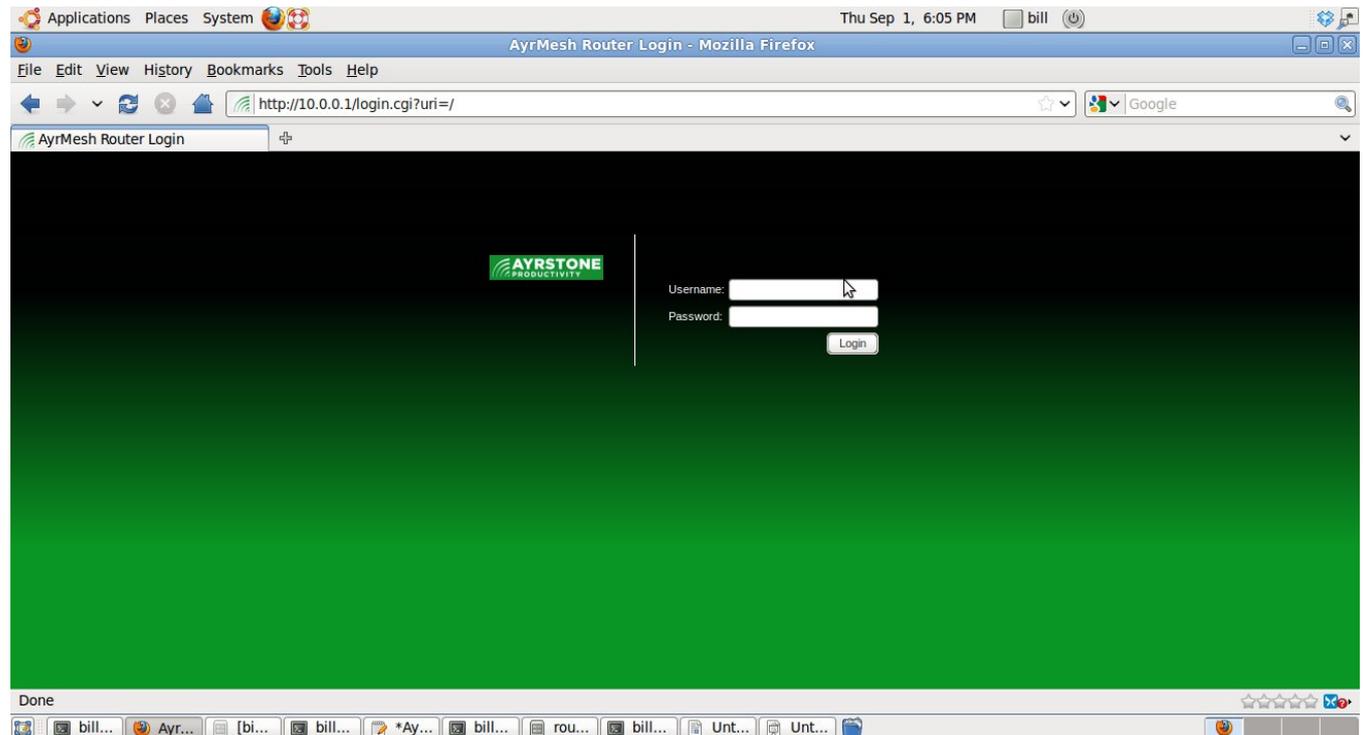
Step 1

- Start a browser and go to “10.0.0.1”



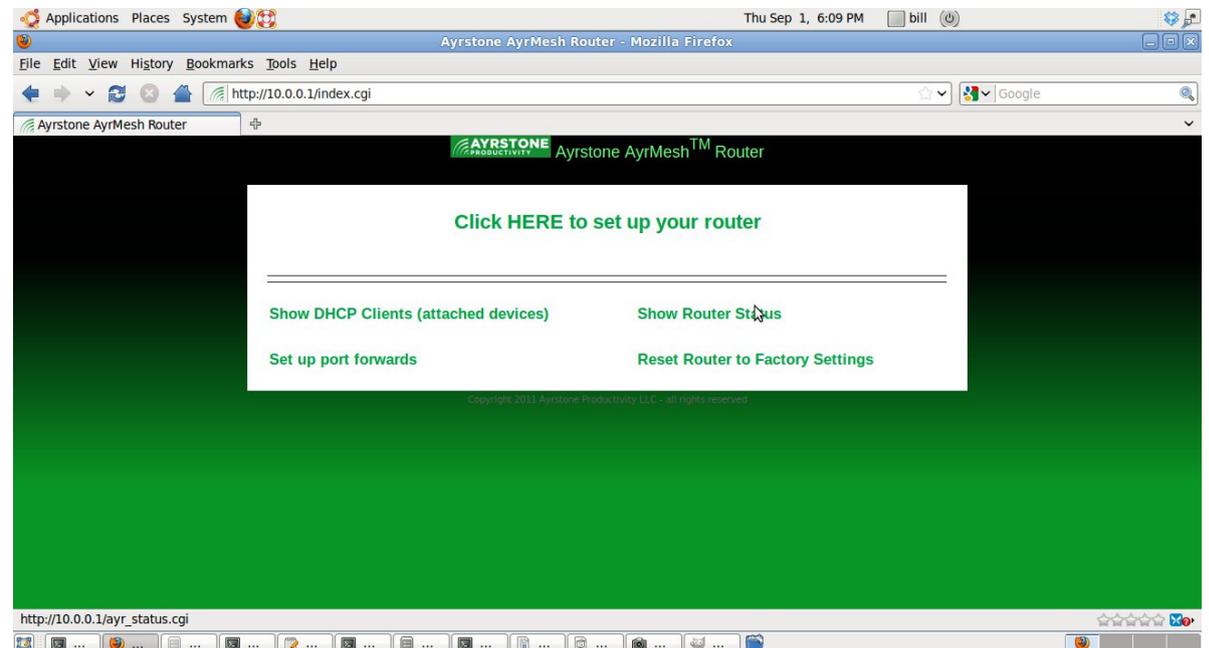
Step 2

- Log in to the router with:
 - Username: ayrmesh
 - Password: ayrmesh
- Click “Login”



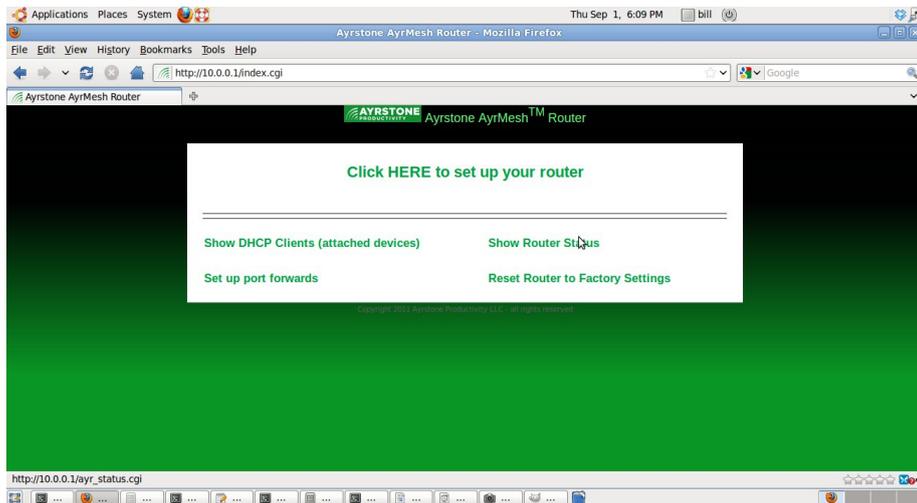
Step 2

- Log in to the router with:
 - Username: ayrmesh
 - Password: ayrmesh
- Click the “Login” button

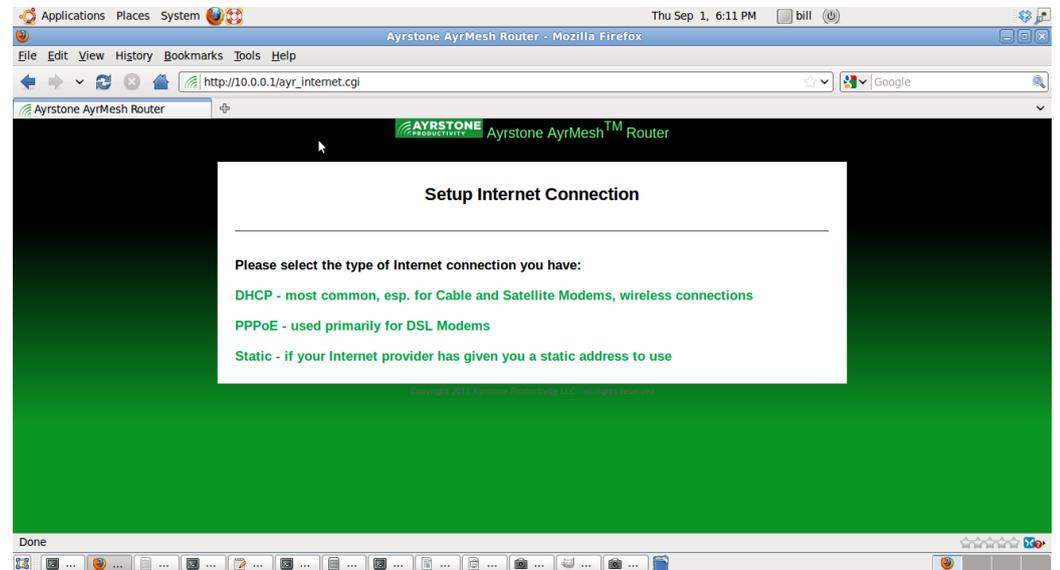


Step 3

- Click “Click HERE to set up your router”

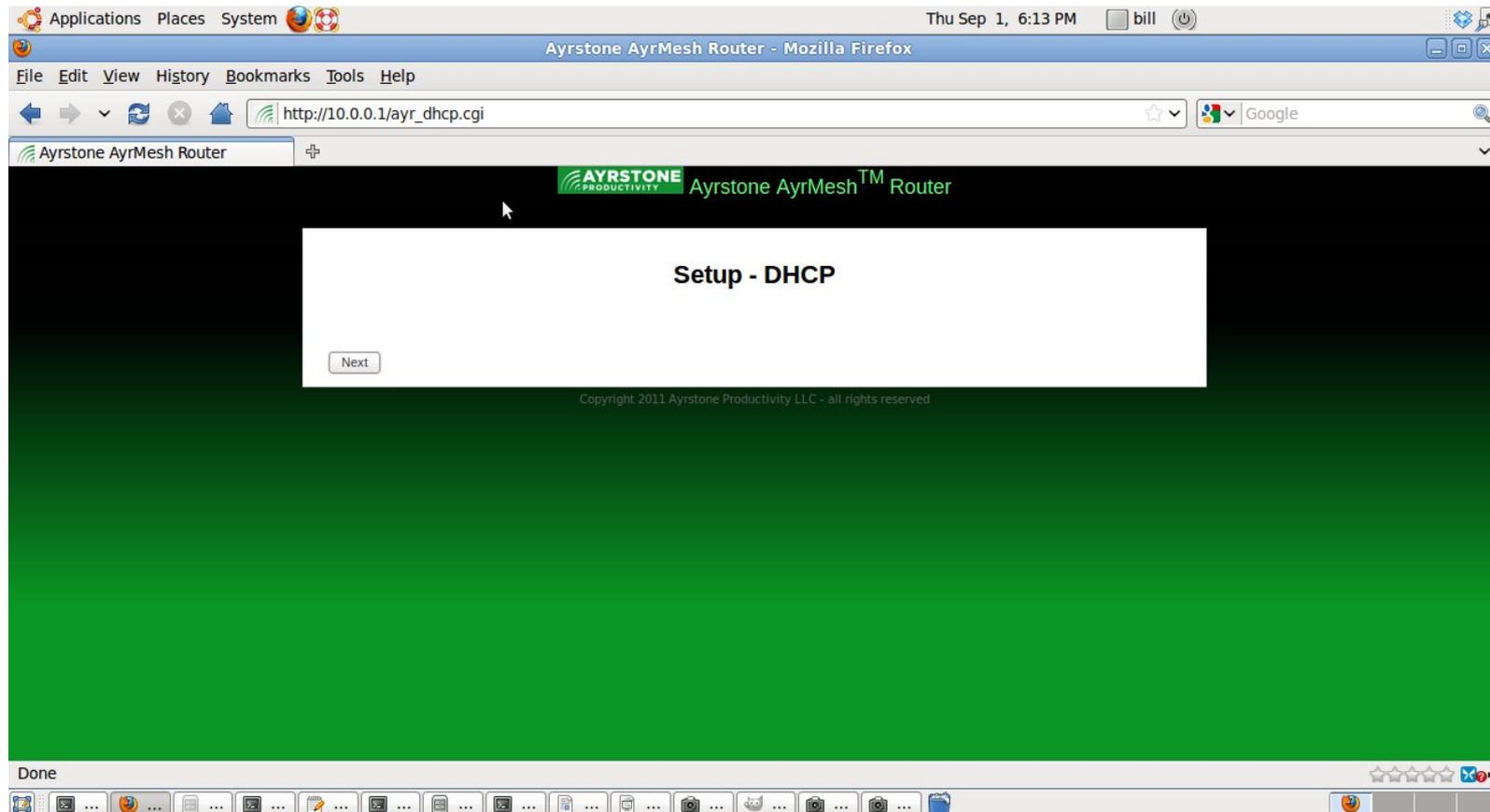


- Select the type of internet connection you have (1 of the 3)



Step 4 – DHCP Connection

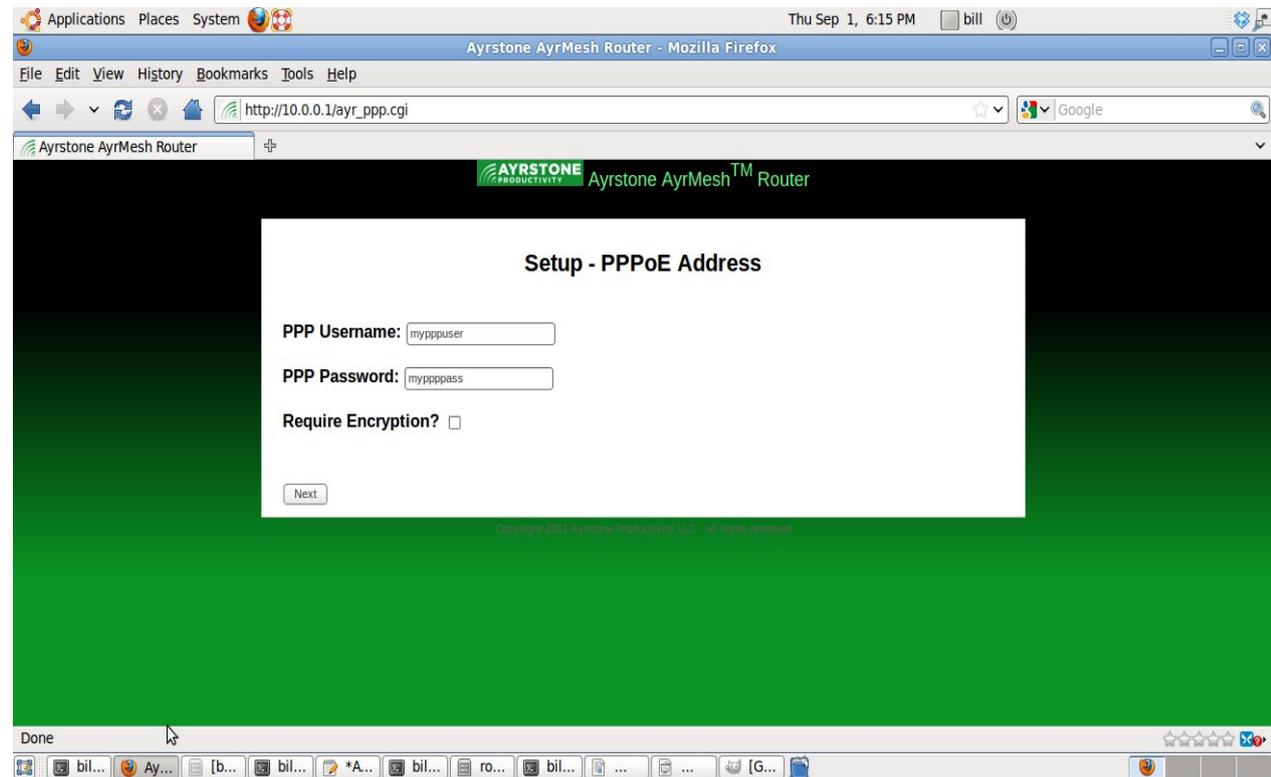
- Click the “Next” button



Step 4 – PPPoE connection

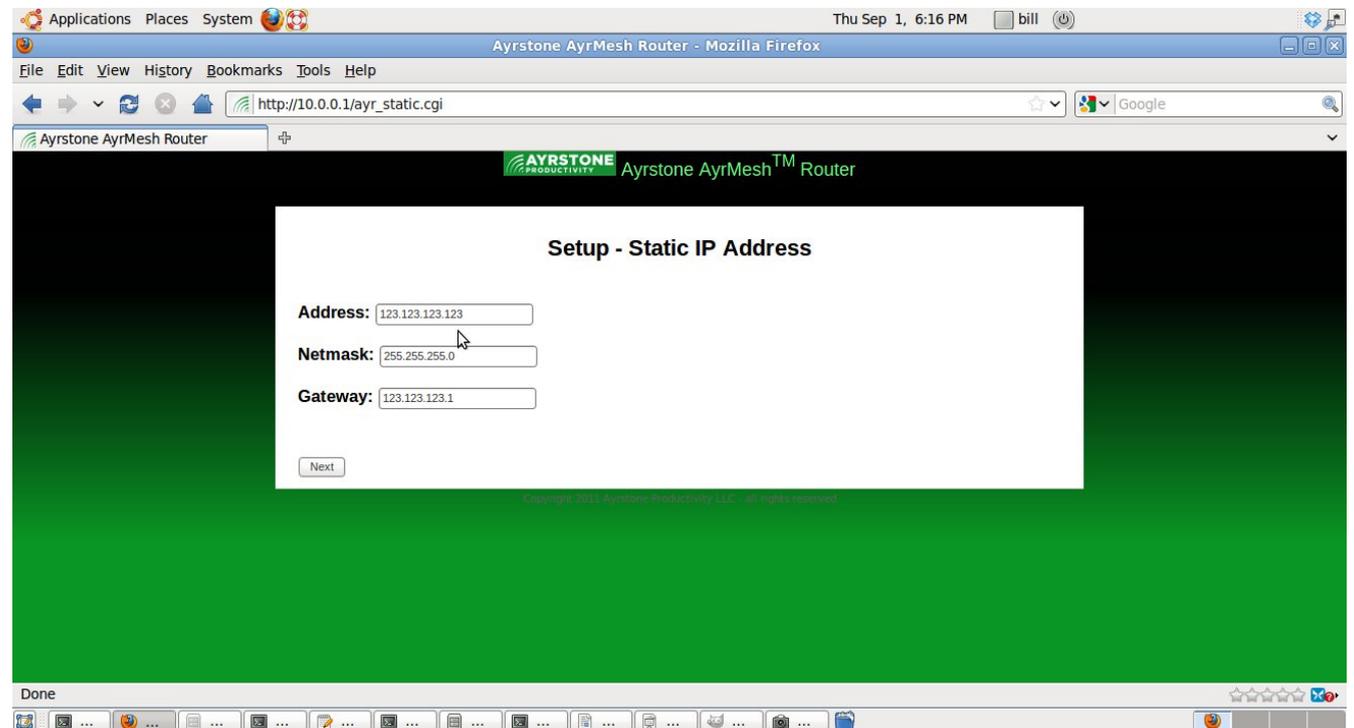
- Fill in your username and password (from your ISP)
- If your ISP requires encryption, click the box next to “Require Encryption?”

- Click “Next”



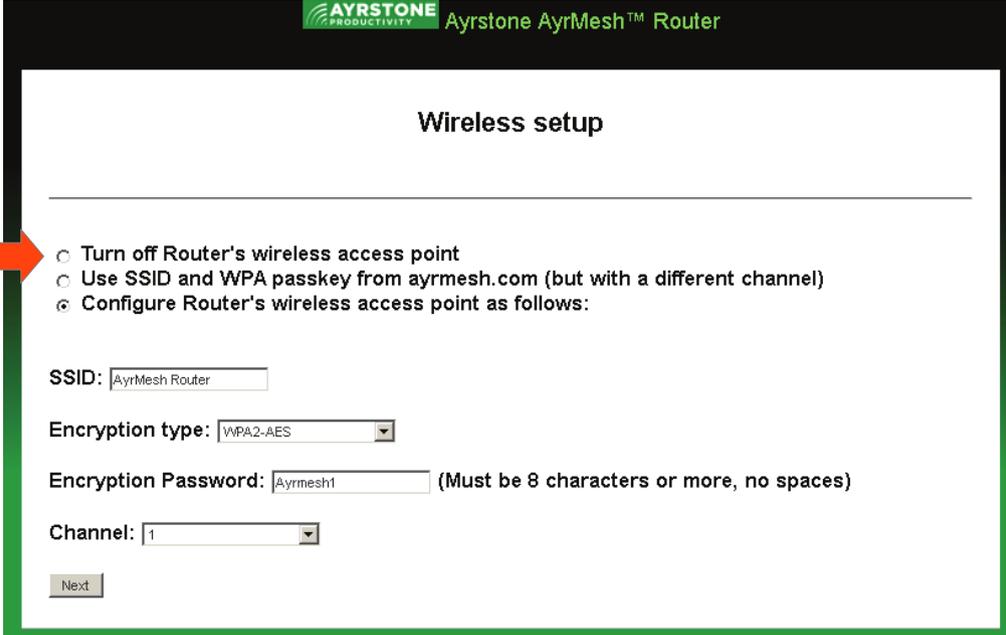
Step 4 – Static IP address

- Fill in the IP address, Netmask, and Gateway address from your ISP
- Click “Next”



Step 5 – Wireless setup

- If your AyrMesh Hubs provide good WiFi in your house and you don't need another Access Point, choose “Turn off Router's wireless access point”



AYRSTONE PRODUCTIVITY Ayrstone AyrMesh™ Router

Wireless setup

- Turn off Router's wireless access point
- Use SSID and WPA passkey from ayrmesh.com (but with a different channel)
- Configure Router's wireless access point as follows:

SSID:

Encryption type:

Encryption Password: (Must be 8 characters or more, no spaces)

Channel:

Step 5 – Wireless setup (cont'd)

- If your AyrMesh Hubs do not provide WiFi in your house (or you don't have Hubs), choose “Use SSID and WPA passkey from aymesh.com” and WPA passkey from aymesh.com”

AYRSTONE PRODUCTIVITY Ayrstone AyrMesh™ Router

Wireless setup

Turn off Router's wireless access point

Use SSID and WPA passkey from aymesh.com (but with a different channel)

Configure Router's wireless access point as follows:

SSID:

Encryption type:

Encryption Password: (Must be 8 characters or more, no spaces)

Channel:

Step 5 – Wireless setup (cont'd)

- If you have AyrMesh Hubs but want a separate Access Point in the house, choose “Configure Router's wireless access point as follows”
- Select a different SSID and channel from the one on AyrMesh.com

AYRSTONE PRODUCTIVITY Ayrstone AyrMesh™ Router

Wireless setup

Turn off Router's wireless access point

Use SSID and WPA passkey from ayrmesh.com (but with a different channel)

Configure Router's wireless access point as follows:

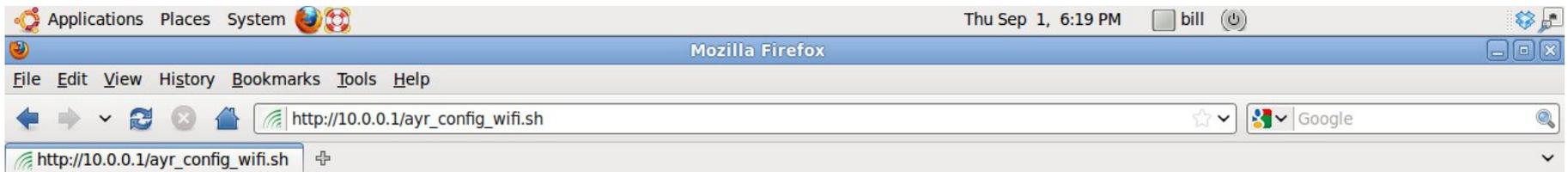
SSID:

Encryption type:

Encryption Password: (Must be 8 characters or more, no spaces)

Channel:

Router will reboot...



Router will now reboot...



Connect Power Supply to Internet

- Plug the short Ethernet “jumper” on the power supply into the “output” port of your ISP's device
- Cable modems without integrated routers usually need to be rebooted to recognize router



Make sure you are connected to Internet

Start a new browser window or tab

Go to a website you don't frequent (make sure the content is not cached on your computer and is really coming from the Internet) OR

Start a command prompt (Windows) or terminal window (Mac) and type "ping 8.8.8.8"

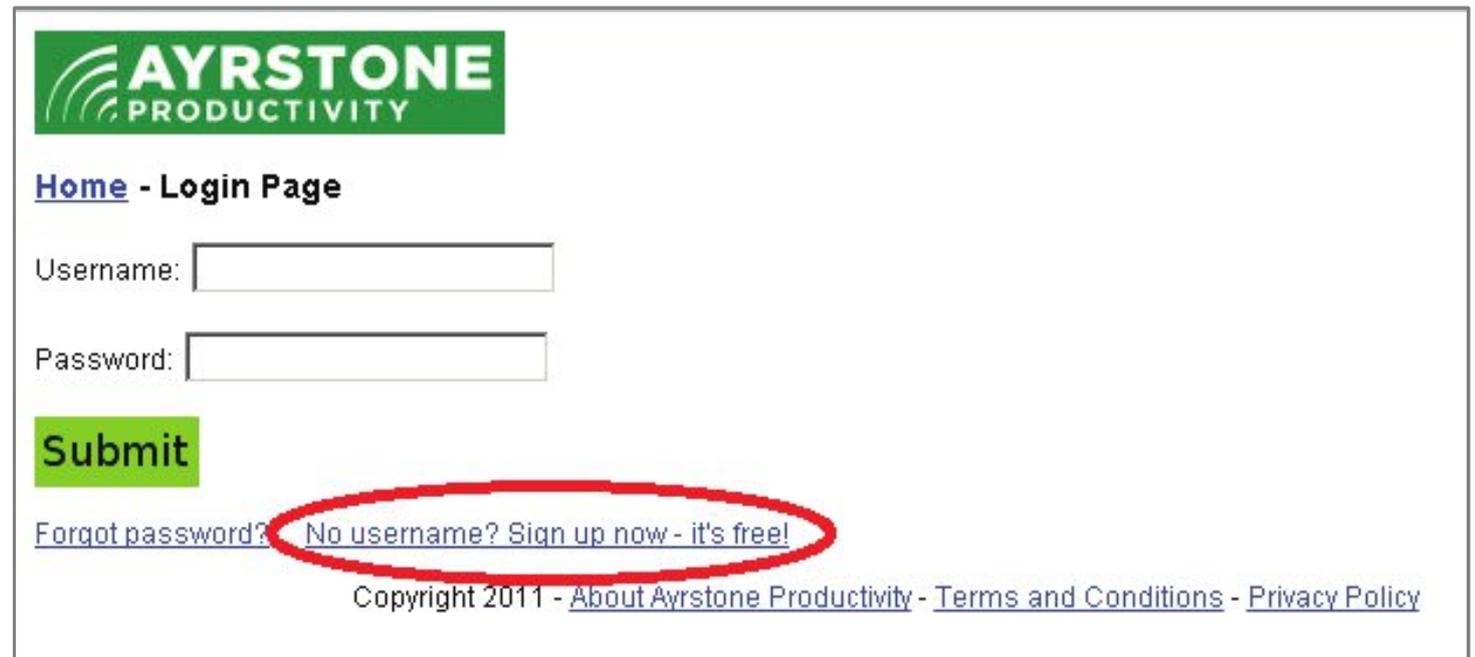
If not connected, reboot cable modem, make sure Router is set up correctly

If you don't have an AyrMesh.com account, create one now

Go to <http://AyrMesh.com>

If you have an AyrMesh.com account, Log in

If you don't, select “No username? Sign up now – It's free!”



AYRSTONE
PRODUCTIVITY

[Home](#) - Login Page

Username:

Password:

Submit

[Forgot password?](#) [No username? Sign up now - it's free!](#)

Copyright 2011 - [About Ayrstone Productivity](#) - [Terms and Conditions](#) - [Privacy Policy](#)

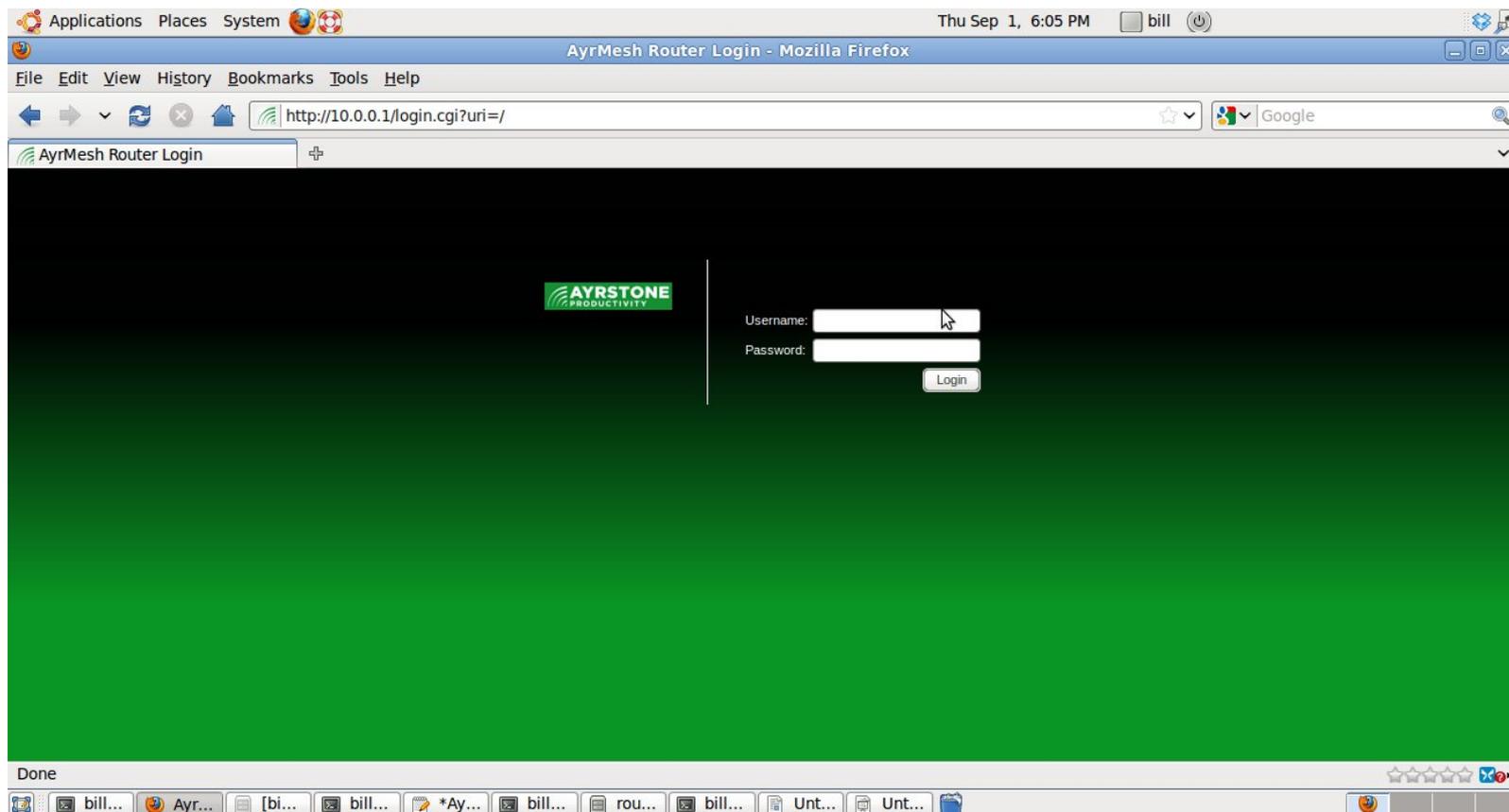
Wait 10 minutes...



AyrMesh router will log in to ayrmesh.com and add itself to your account

Back to the login screen at 10.0.0.1

- **Username and Password have changed!**
 - Use your aymesh.com username and password



Back to the initial screen...

- Click on “Show Router Status” (note: it takes about 15 seconds to come up)

The screenshot displays a Mozilla Firefox browser window with the following details:

- System Tray:** Thu Sep 1, 6:09 PM, bill, [power icon]
- Browser Title Bar:** Ayrstone AyrMesh Router - Mozilla Firefox
- Menu Bar:** File, Edit, View, History, Bookmarks, Tools, Help
- Address Bar:** http://10.0.0.1/index.cgi
- Page Content:**
 - Logo: **AYRSTONE** PRODUCTIVITY Ayrstone AyrMesh™ Router
 - Text: **Click HERE to set up your router**
 - Buttons:
 - Show DHCP Clients (attached devices)
 - Show Router Status (highlighted by a mouse cursor)
 - Set up port forwards
 - Reset Router to Factory Settings
 - Footer: Copyright 2011 Ayrstone Productivity LLC - all rights reserved
- Taskbar:** Shows various application icons and the system tray.

Router Status screen

- Note the first item: Connected to Internet

The screenshot shows a Mozilla Firefox browser window displaying the Router Status page for an Ayrstone AyrMesh Router. The browser's address bar shows the URL `http://10.0.0.1/ayr_status.cgi`. The page title is "Ayrstone AyrMesh Router". The status information is as follows:

Connected to Internet: Yes	Public IP address: 192.168.1.102
Internet connection type: DHCP	
Router's WiFi is: enabled	
SSID: AyrMesh Router	Encryption type: WPA-TKIP
Channel: 1	Encryption Password: Ayrmesh1

At the bottom of the status window, there is a "Close Window" button. The browser's taskbar at the bottom shows several open applications, including "bil...", "Ay...", "[b...", "*A...", "ro...", and "[G...".

What can go wrong

- Router status shows “Connected to Internet: No”
 - Give it a minute and refresh the page
 - Browse a webpage that you don't frequent – if your computer can access Internet, it's really online.
- Router doesn't answer on 10.0.0.1
 - Give it a minute or two – router may be rebooting
- Anything else, let us know
 - support@ayrstone.com
 - <http://Ayrstone.com/support>