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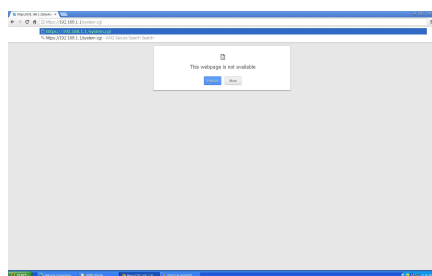
# HowTo Setup your Node

1. Prerequisite
2. Node Setup
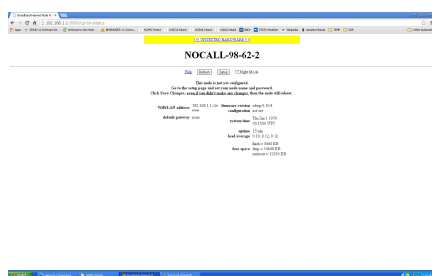3. Credits

## Prerequisite

Before following this guide you should already have a node that is flashed with the AREDN firmware. If you do not please see FlashUbiquiti (/products/AREDN/wiki/HowTo/FlashUbiquiti) prior to continuing.
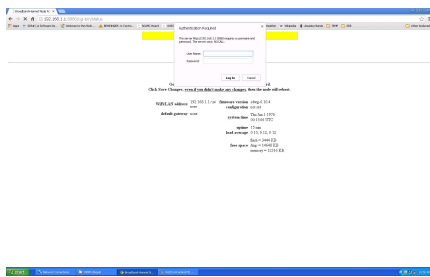
## Node Setup

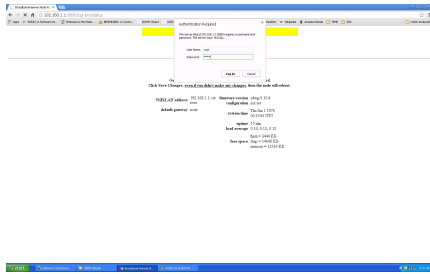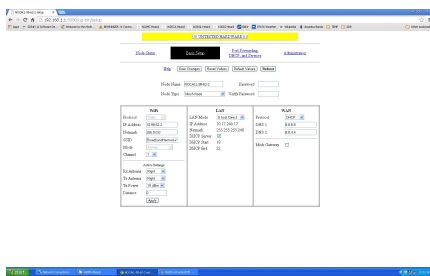| | |
|---|---|
|  (/chrome/site/devicesetup/WU2S-U4%20airGrid%20M2%20Setup%20Pic%20Q.JPG) | Open your browser and visit  http://localnode:8080 (http://localnode:8080) |
|  (/chrome/site/devicesetup/WU2S-U4%20airGrid%20M2%20Setup%20Pic%20R.JPG) | Success! The AREDN firmware is installed and its web server displays the initial information. We need to complete the initial setup with our call sign and password. |

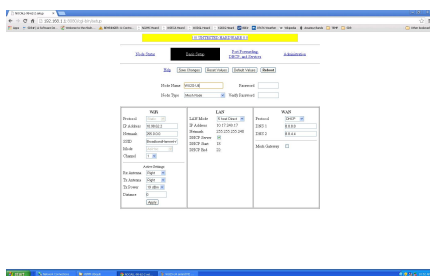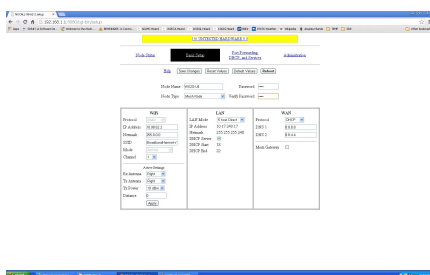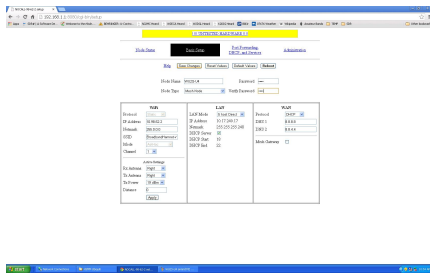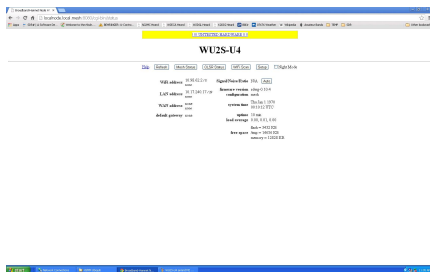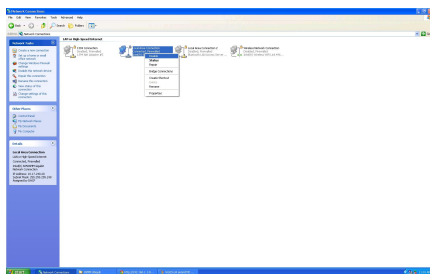| | |
|---|---|
| <br>(/chrome/site/devicesetup/WU2S-U4%20airGrid%20M2%20Setup%20Pic%20S.JPG) | Click on the Setup button and the **Authentication Required** dialog box appears. |
| <br>(/chrome/site/devicesetup/WU2S-U4%20airGrid%20M2%20Setup%20Pic%20T.JPG) | Enter a User Name of **root** and a Password or **hsmm** (case sensitive). |
| <br>(/chrome/site/devicesetup/WU2S-U4%20airGrid%20M2%20Setup%20Pic%20U.JPG) | The **Basic Setup** page is displayed. |
| <br>(/chrome/site/devicesetup/WU2S-U4%20airGrid%20M2%20Setup%20Pic%20V.JPG) | Enter a new **Node Name** that includes your **call sign**.<br>The recommend format is **callsign-identifier** where identifier is a descriptive name(no spaces) or a series of numbers. |
| <br>(/chrome/site/devicesetup/WU2S-U4%20airGrid%20M2%20Setup%20Pic%20W.JPG) | Enter a new **password** twice – in the Password and Verify Password boxes. Make sure that you remember the password. Your will need it later for future changes to the node. |

(/chrome/site/devicesetup/WU2S-U4%20airGrid%20M2%20Setup%20Pic%20X.JPG)

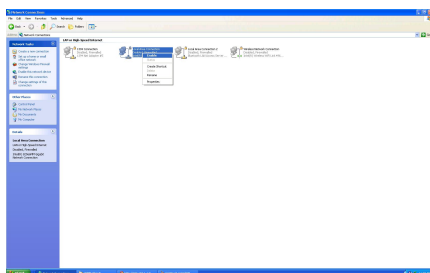Select the **Save Changes** button. This will write the changes to the node and reboot it.



(/chrome/site/devicesetup/WU2S-U4%20airGrid%20M2%20Setup%20Pic%20AF.JPG)

Depending on your computer setup you may be redirected to the **status screen**. In which case you are done, **if not** continue below.
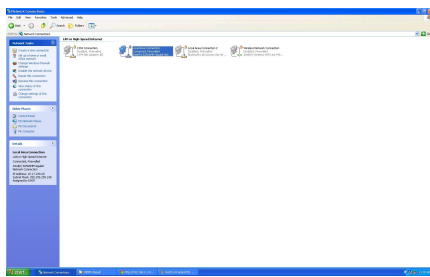


(/chrome/site/devicesetup/WU2S-U4%20airGrid%20M2%20Setup%20Pic%20AA.JPG)

Go to the Network Connections screen on your computer and **Right Click** on the wired LAN connection and select **Disable**.
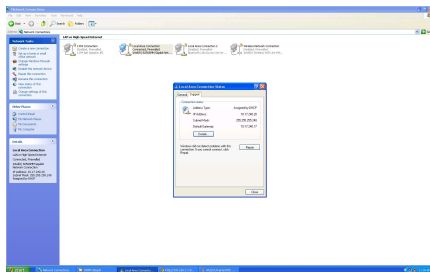


(/chrome/site/devicesetup/WU2S-U4%20airGrid%20M2%20Setup%20Pic%20AC.JPG)

**Right Click** on the wired LAN connection and select **Disable**.

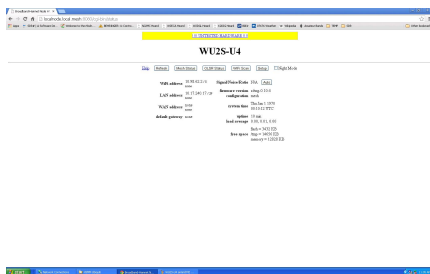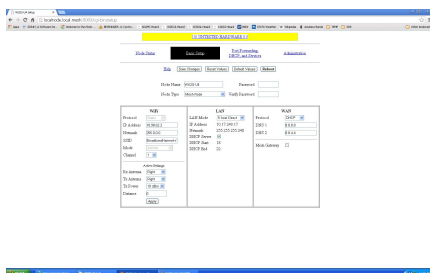| | |
|---|---|
| <br><br>(/chrome/site/devicesetup/WU2S-<br>U4%20airGrid%20M2%20Setup%20Pic%20AD.JPG) | The LAN connection acquires a new IP address from the AREDN node and is now connected. |
| <br><br>(/chrome/site/devicesetup/WU2S-<br>U4%20airGrid%20M2%20Setup%20Pic%20AE.JPG) | **Right Click** on the LAN connection and select **Status**. Then select the **Support** tab. We see that the computer's IP address is now 10.17.240.20 and the AREDN node – the gateway – is 10.17.240.17<br><br>Your IP addresses **will be different** from this example but they will always be on the 10.x.y.z network. Also note that the first three numbers in both the computer and AREDN node are the same (10.17.240 in this example). This is necessary so that the computer and AREDN node can talk to each other.<br><br>This is the last time that the AREDN node LAN address will change unless you modify it manually. |
| <br><br>(/chrome/site/devicesetup/WU2S-<br>U4%20airGrid%20M2%20Setup%20Pic%20AF.JPG) | We can logon to the AREDN node by point the browser at<br>    http://localnode.local.mesh:8080<br>(http://localnode.local.mesh:8080) |
| <br><br>(/chrome/site/devicesetup/WU2S-<br>U4%20airGrid%20M2%20Setup%20Pic%20AG.JPG) | You can see Basic Setup parameters are displayed. Your installation is complete and the node is ready to use. |

# Credits

Text and images: WU2S