



CUBIC WALL

Getting Started Guide

Windows® 10

V1.02

Contents

- Powering Up Your CubicWall Cube..... 2**
- Connecting to CubicWall Using Windows® 10 3**
- Running CubicWall Setup Wizard 8**
- Updating CubicWall’s Software 18**
- Configuring Your Network to Use CubicWall 20**
- What Now? 25**

Powering Up Your CubicWall Cube

Insert the supplied USB cable into the back of the Cube.

Insert the other end of the USB cable into a USB power adapter, or computer USB port

The Red power LED on the back of the CubicWall should illuminate indicating the device has power and is starting up.

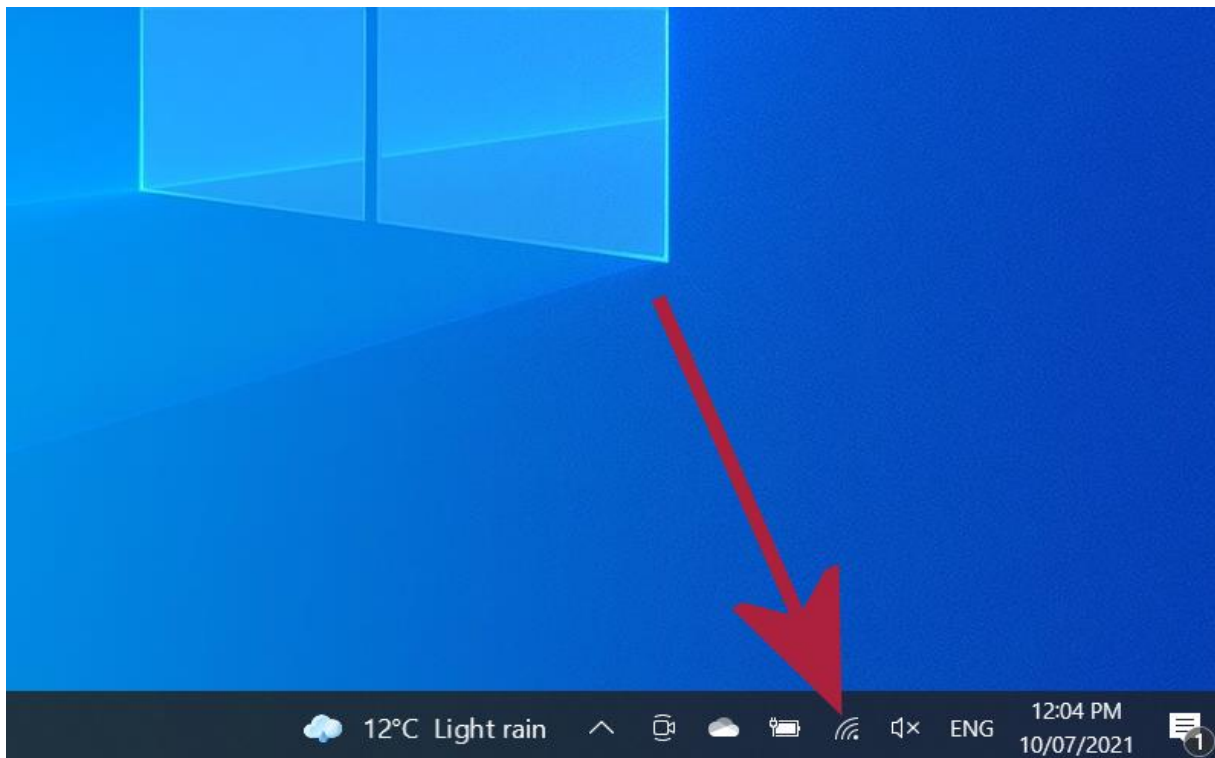
After approximately 40 seconds the Cube should turn Pink indicating the device is ready to be configured.

To configure your CubicWall, you will need to use a computer, smartphone or tablet device.

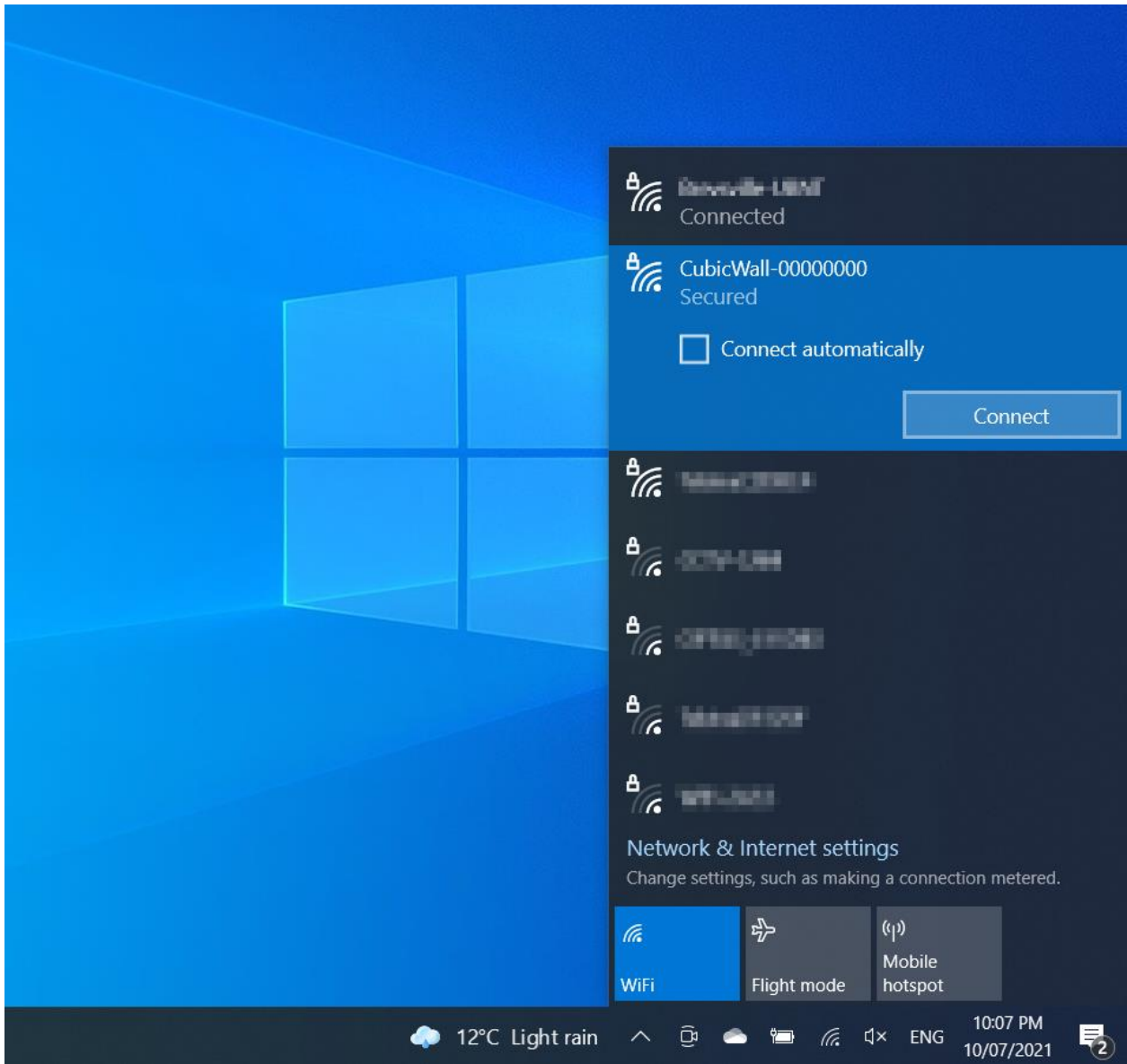
Connecting to CubicWall Using Windows® 10

To Setup your CubicWall Cube you need to connect to the Cube's WiFi access point. This is quite easy to do by following a few simple steps.

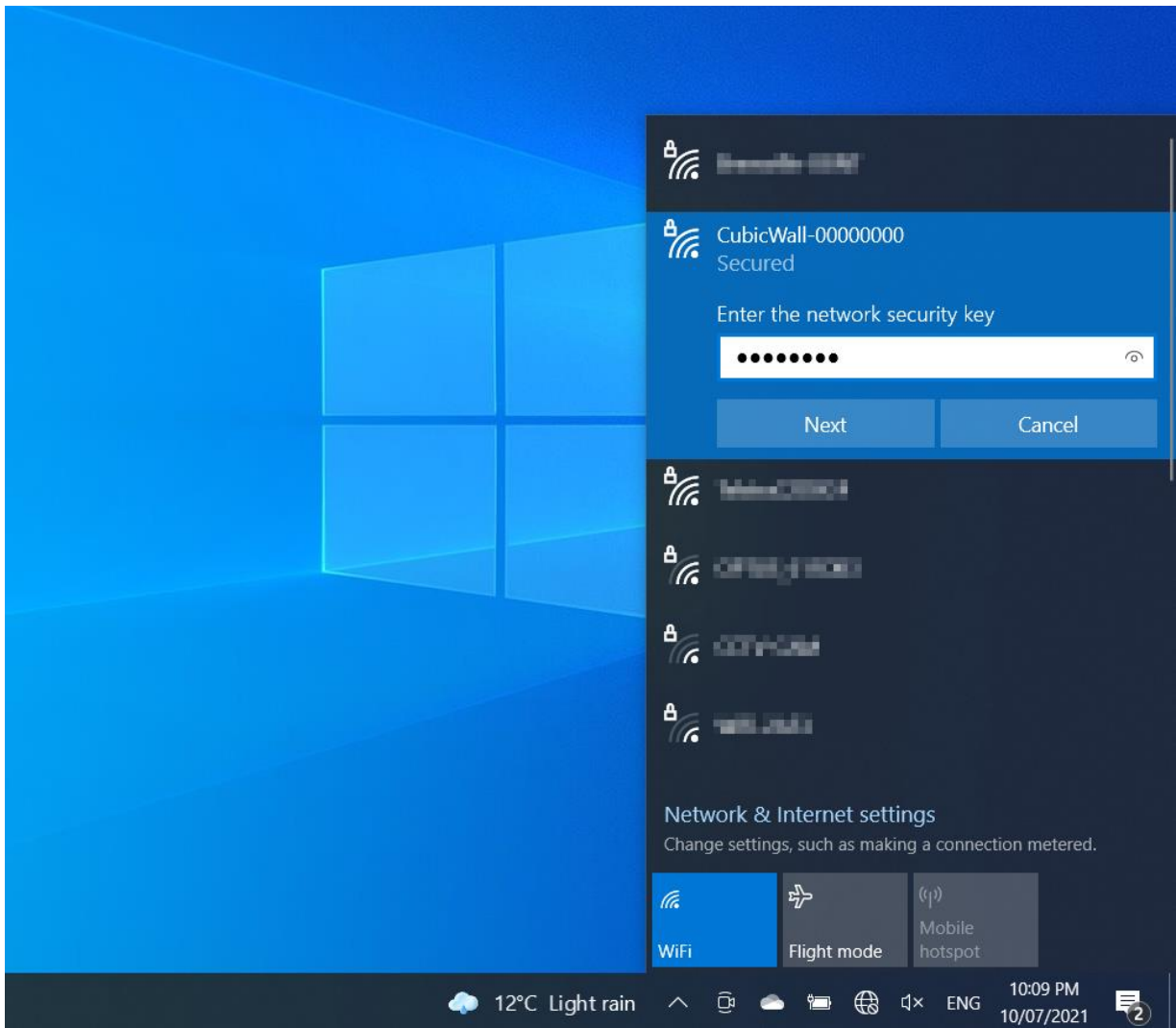
On your Windows® 10 device, search for available WiFi networks by clicking on the WiFi icon on the taskbar



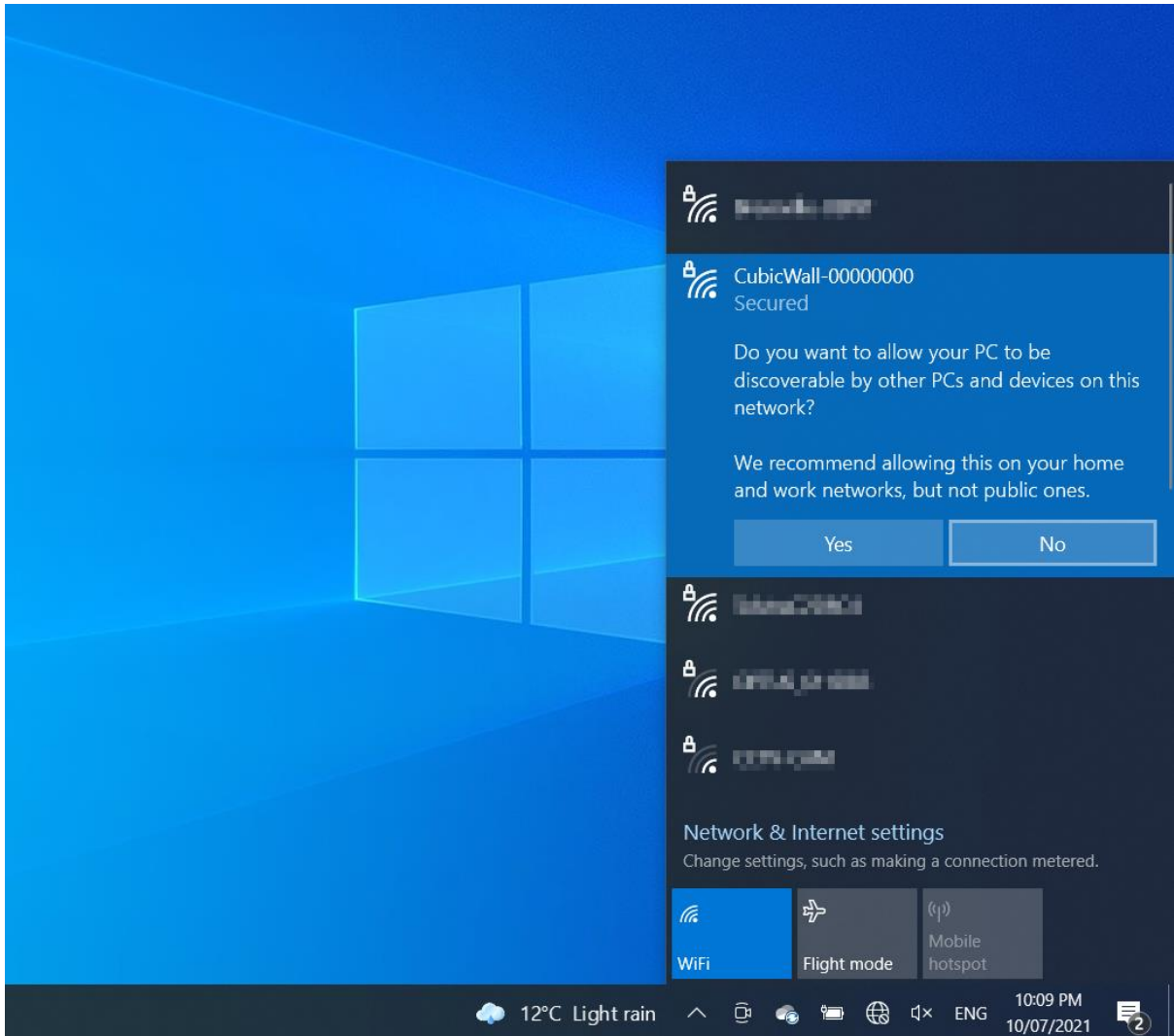
Windows® will display the available networks, select CubicWall-00000000 and click the Connect button.



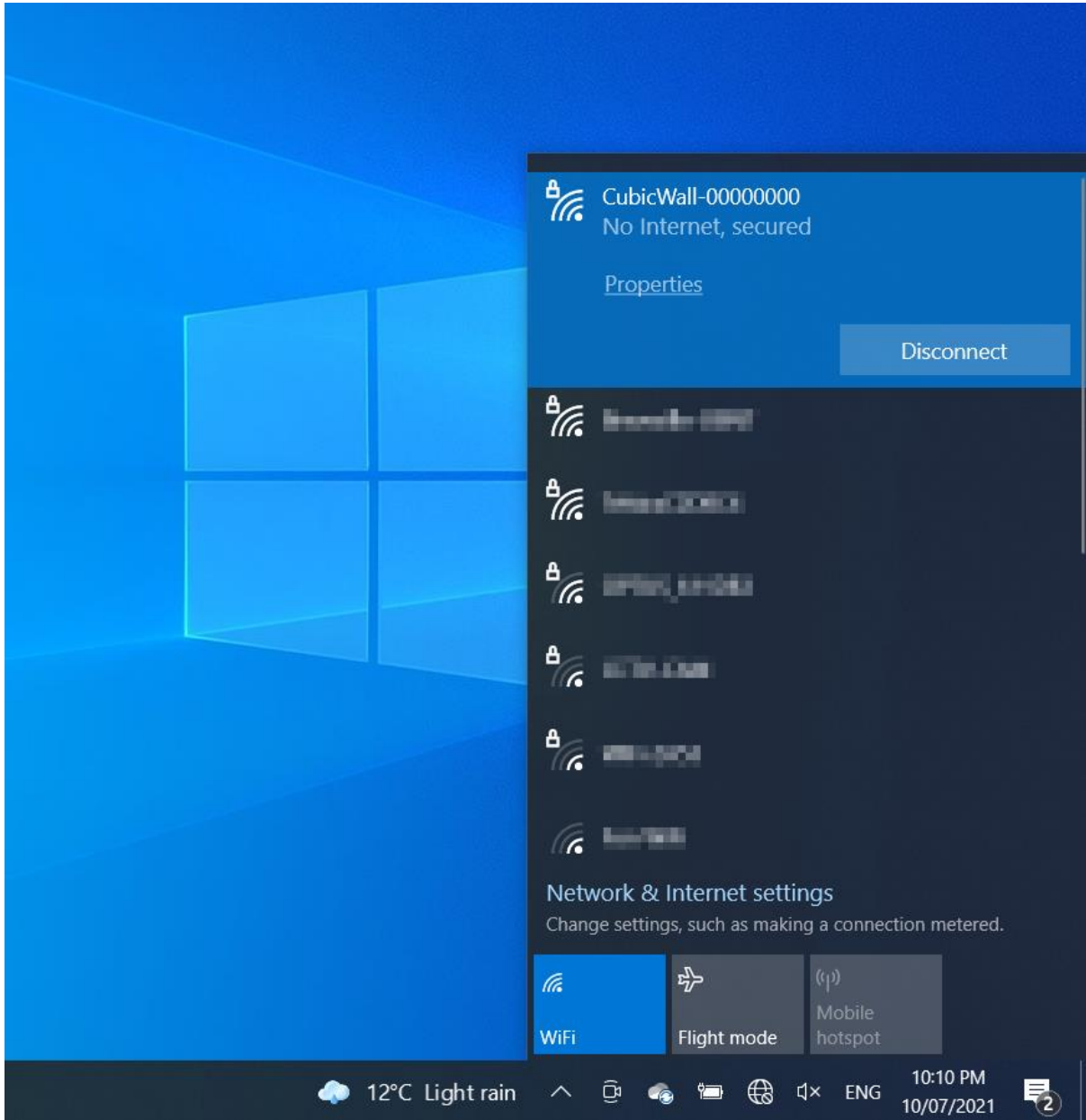
Windows® will ask you for the WiFi password. Enter the password 12345678 and click the Next button.



Windows® will then display a query dialog asking if you want to allow others to discover your Windows® 10 device. Since you are only temporarily connecting to the CubicWall WiFi for the purposes of setting up your CubicWall Cube, there is no reason to make your machine discoverable, so click the No button.



You should now be connected to the CubicWall-00000000 WiFi. As you can see from the image below, you will have no internet access at this point as we are only using this WiFi to setup the CubicWall Cube, then you will reconnect to your usual home WiFi network.

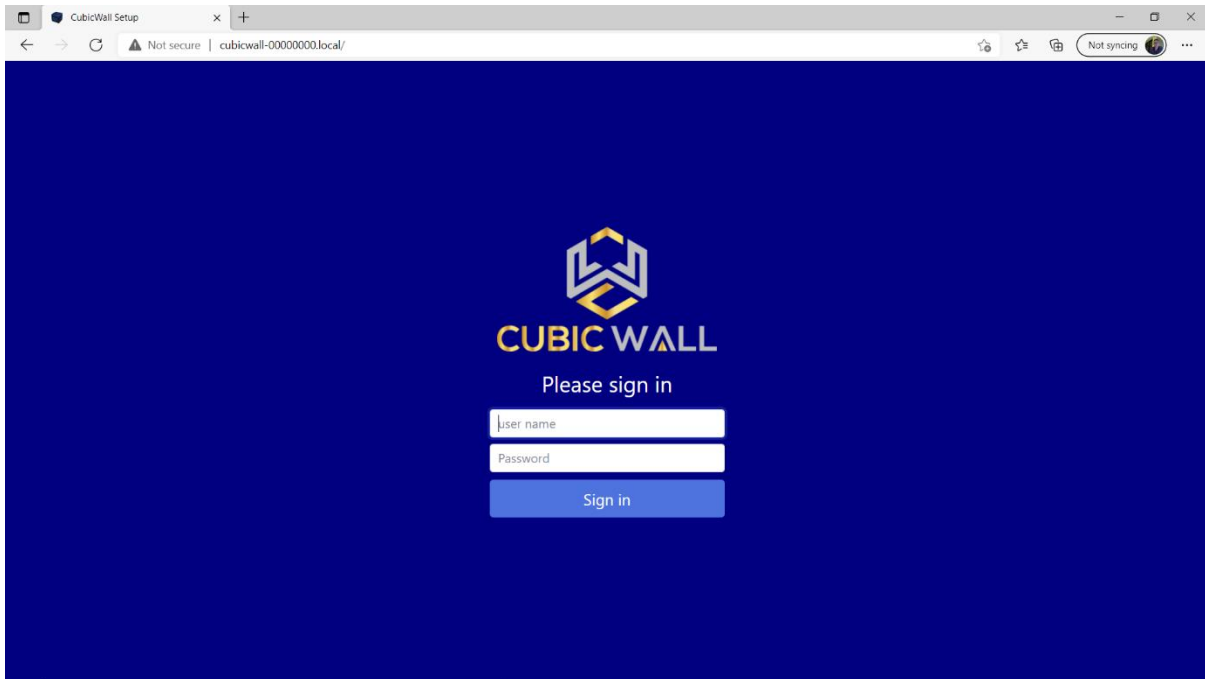


You are now ready to setup your CubicWall Cube, so continue to [Running CubicWall Setup](#)

Running CubicWall Setup Wizard

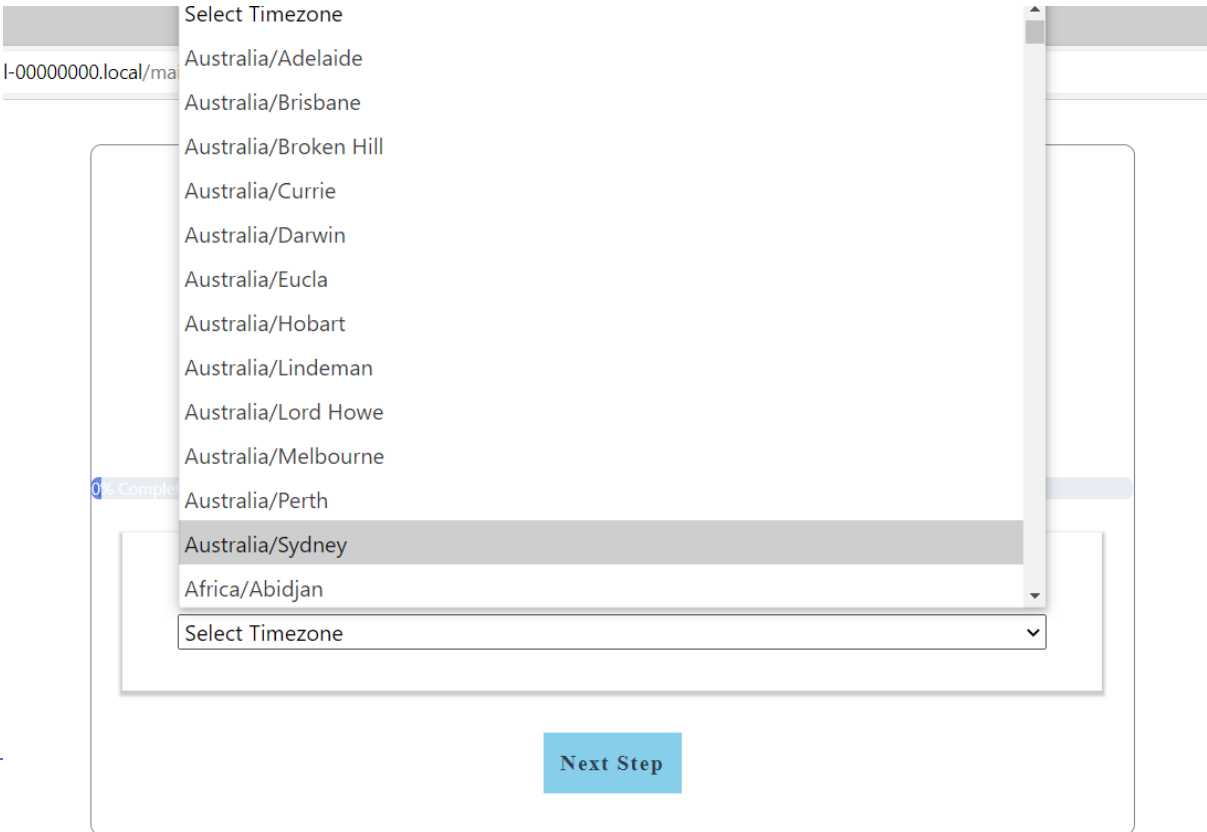
In order for your CubicWall Cube to filter advertising and tracking code from websites it needs to join your home network. To commence the Setup process use your web browser to open the URL <http://cubicwall-00000000.local> or some devices you may need to use an alternative URL <http://cubicwall-00000000.localdomain>

You will be presented with the CubicWall Setup login screen.



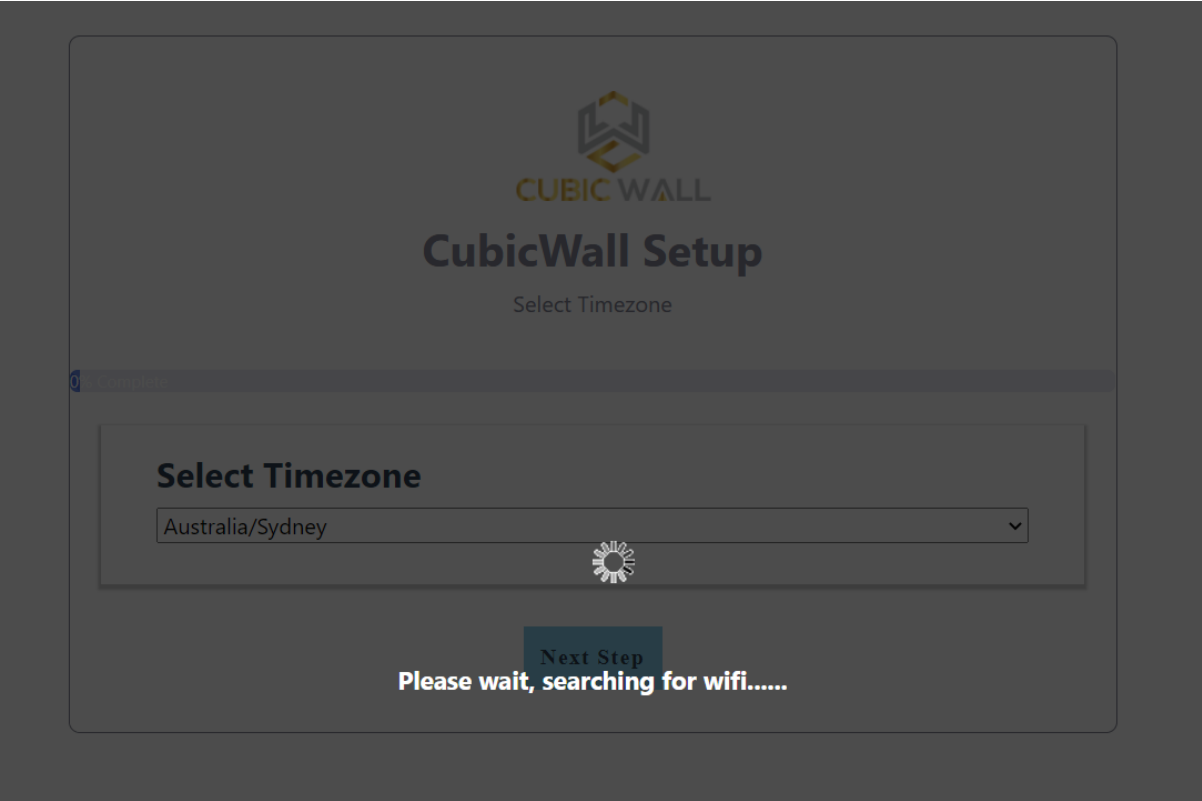
Enter the user name admin and password Pa55wArd!

Select your Timezone from the available list, this is required to ensure your CubicWall can accurately record your statistical data for your reports and also to ensure updates etc are performed outside of typical peak usage hours.





Click Next Step to proceed to the WiFi setup. CubicWall will scan for available networks, this may take a short time depending on the number of networks in close proximity.

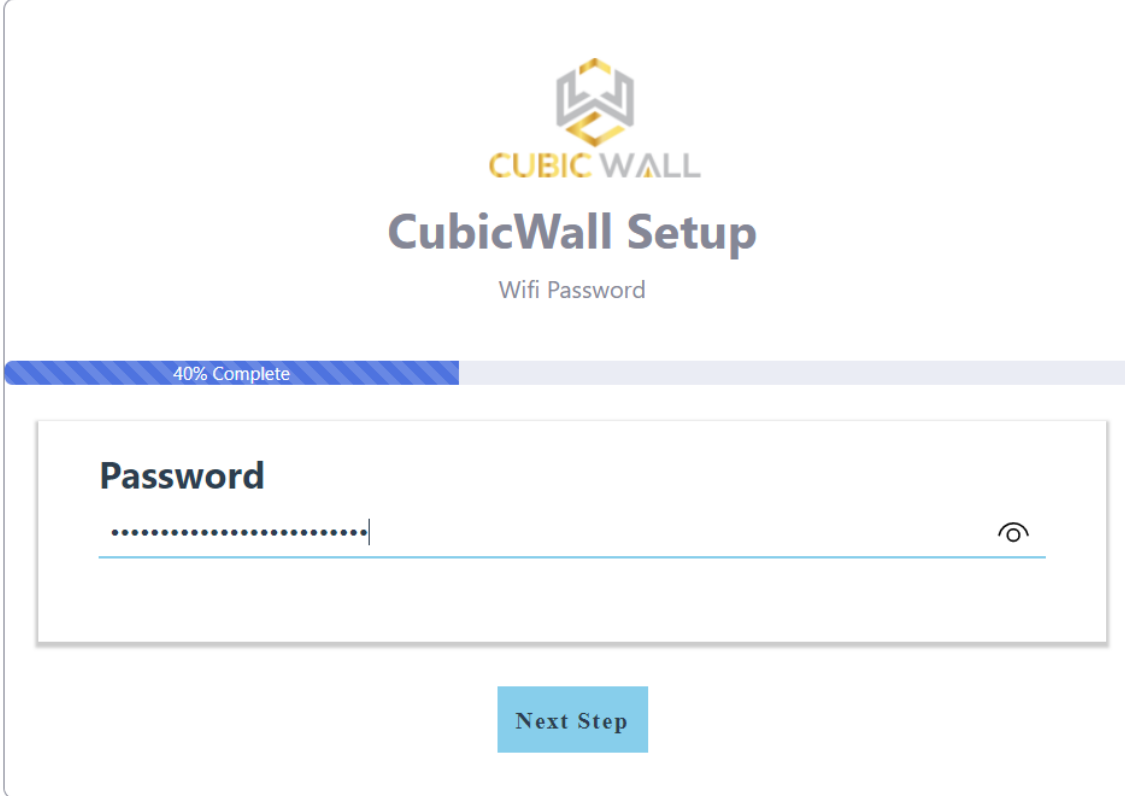


Once the search is complete, CubicWall will present you with a list of networks it has found, please select your usual home WiFi.

Once you have chosen your home network, click Next Step.




To connect to your home network CubicWall needs you to enter the WiFi password for your home network. This will be the same password you would use to connect your phone, tablet or computer to your home WiFi. It's important to ensure you enter the password correctly or setup will be unable to complete successfully.



The image shows a screenshot of the CubicWall Setup interface. At the top center is the CubicWall logo, which consists of a stylized 'W' made of three interlocking cubes in grey and yellow, with the text 'CUBIC WALL' below it. Underneath the logo is the title 'CubicWall Setup' in a large, bold, dark grey font, followed by the subtitle 'Wifi Password' in a smaller, regular font. A progress bar is located below the subtitle, showing a blue segment on the left labeled '40% Complete' and a grey segment on the right. Below the progress bar is a large, light grey rectangular input field. Inside this field, the word 'Password' is written in bold black text at the top left. Below it, a series of dots represents the password input, with a vertical cursor line at the end. On the right side of the input field, there is a small icon of an eye with a slash through it, indicating a password visibility toggle. Below the input field is a blue rectangular button with the text 'Next Step' in white.

Once you have entered the password correctly click Next Step.

In this next step we ask for your consent to collect some data to assist in improving CubicWall. The data is anonymised and consolidated with the data of other users so we can identify any new sites or systems targeting our users. We may from time to time also collect performance matrices in order to improve the performance of CubicWall.



CubicWall Setup

Data Collection Consent

60% Complete

May we have your consent to collect some data to assist us in improving CubicWall?

As a CubicWall user you are part of a family of users who value their privacy, so we absolutely respect your privacy, you can review our [Privacy Policy](#) for more information.

We do need your help to improve CubicWall and that starts by giving us your permission to allow CubicWall to send us some statistical data about the sites you visit, the sites you block and how effectively CubicWall is working for you.

The data is sent to our servers with no identifying information, we can't tell who you are from your data, that is not our business that is your business. However when we consolidate your data with the thousands of other CubicWall users, we can gain a better understanding of our users' experience and how we can improve the experience.

If you later change your mind, that's OK, you can opt out by disabling data collection in the configuration page of the Admin tool.

I Consent

I Do NOT Consent

[Next Step](#)

Select the appropriate radio button and then click Next Step

CubicWall includes licenced software components, for detailed information click on the Licence Agreement link, then click the Yes I Agree button to continue.

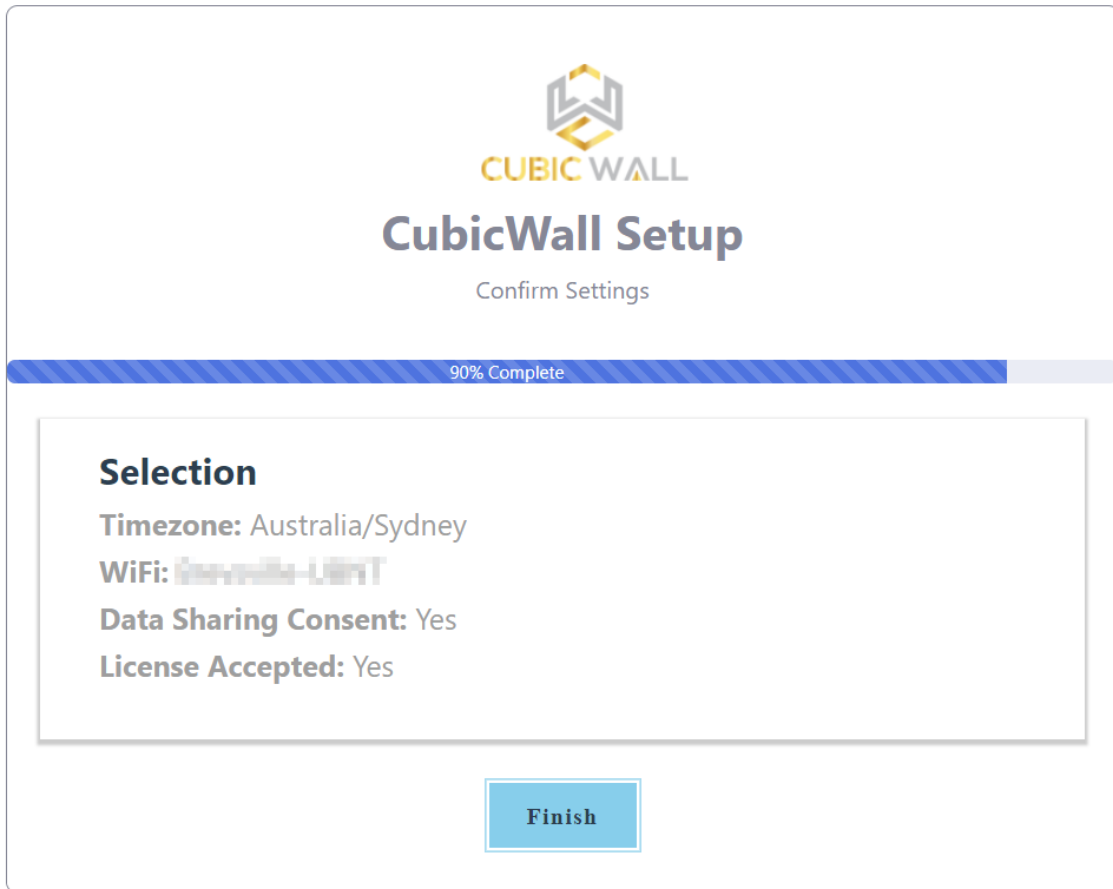

CubicWall Setup
License

80% Complete

I have read and agree to the terms of the [Licence Agreement](#)

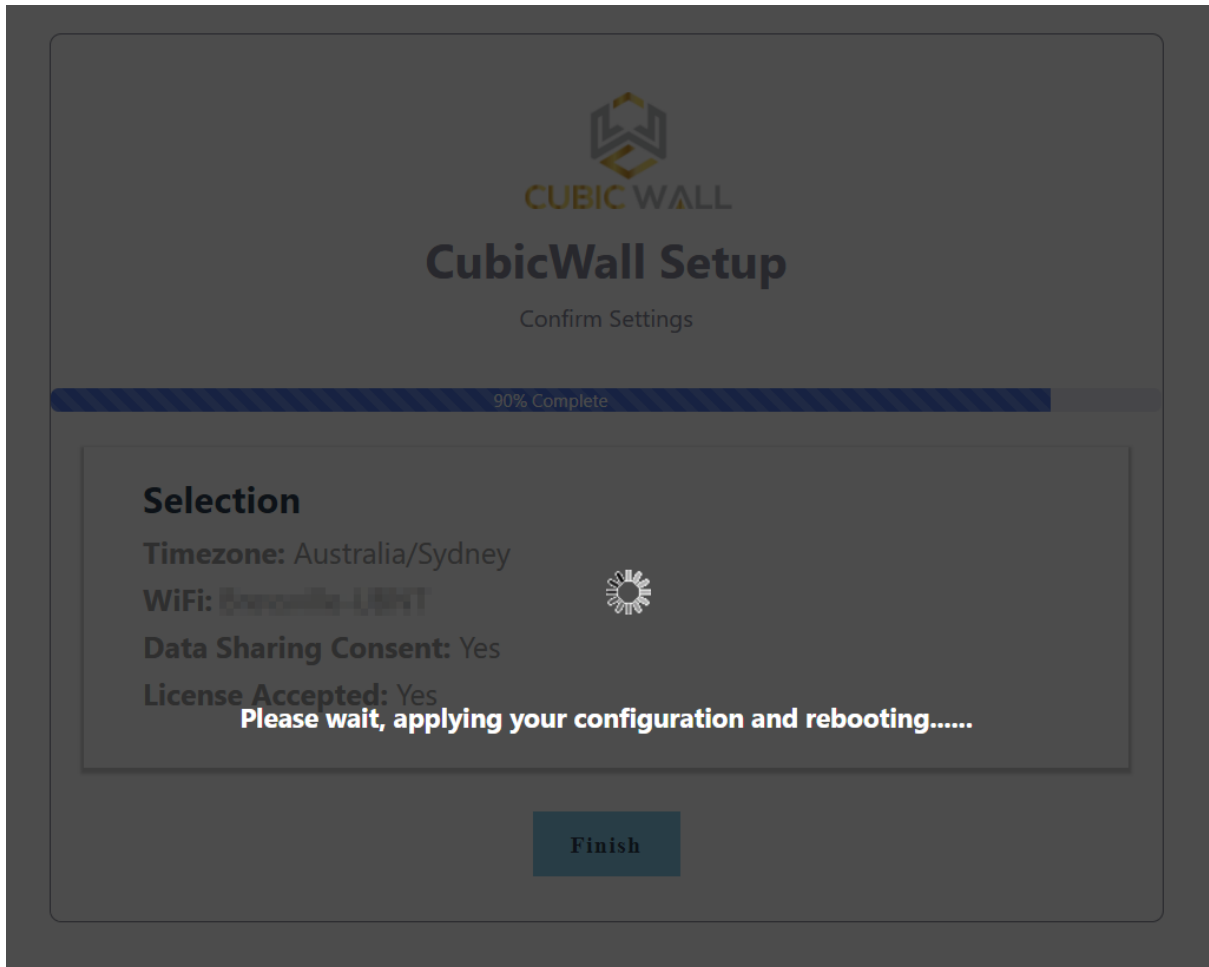
Yes I Agree

CubicWall setup will now present you with a final confirmation dialog, detailing your earlier selections.



Click the Finish button to complete the setup process.

CubicWall will now save your setting and reboot, this will take approximately 90 seconds. Please wait patiently and do not refresh your browser.



As your CubicWall restarts you should notice it first turns green, then yellow, then finally blue. If you experience any problems with your setup, these colours can assist you with troubleshooting the issue.

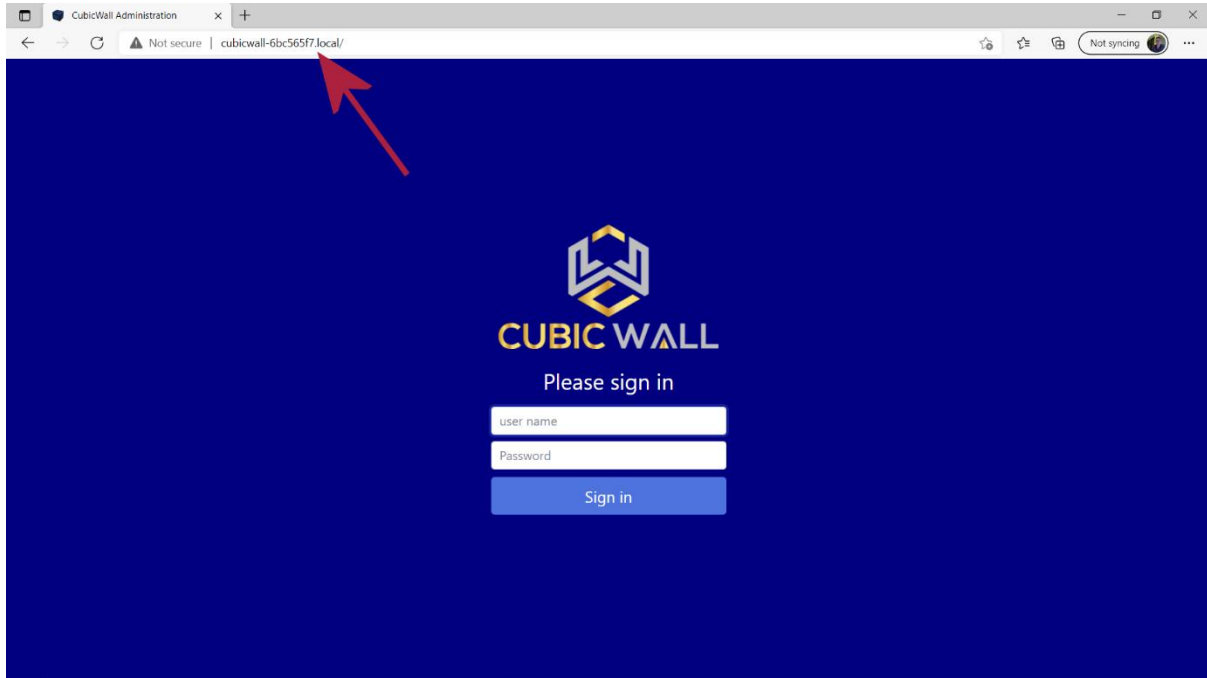
Green: Setup has been completed

Yellow: CubicWall has successfully connected to your home WiFi

If your CubicWall stays green and does not change to yellow, this indicates a problem connecting to your home WiFi, possibly an incorrect WiFi password was entered during the setup process.

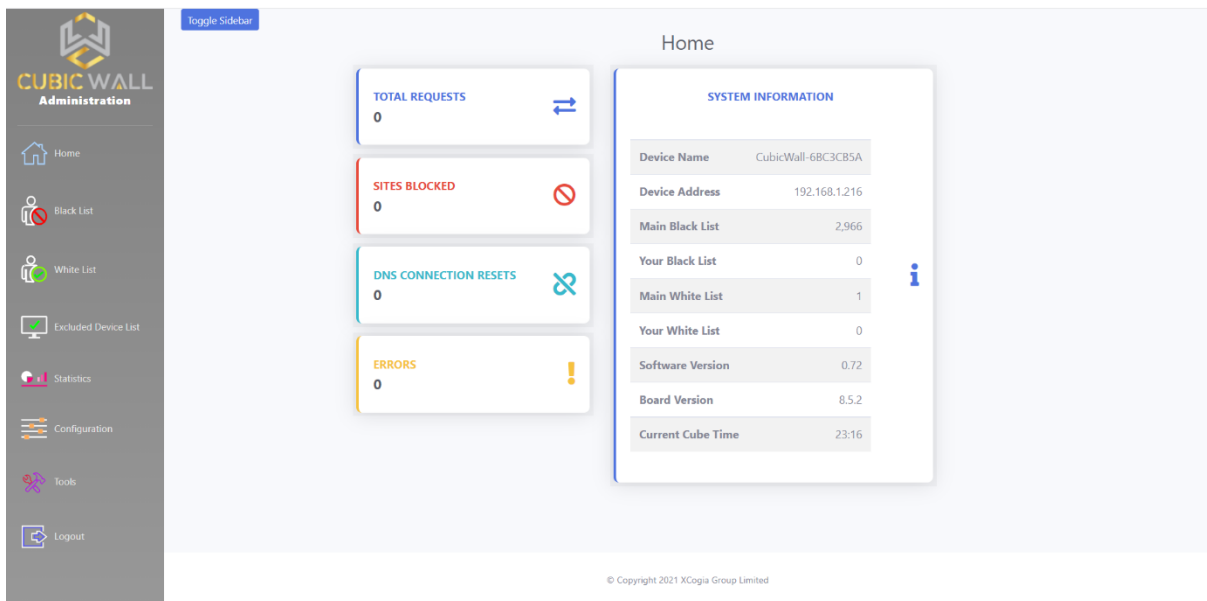
Blue: CubicWall has completed startup successfully

Once your CubicWall has successfully started, your browser should be redirected to the admin page of your CubicWall. Notice the URL is no longer cubicwall-00000000.local but instead it will be your own unique CubicWall device login URL. Take a note of this URL or bookmark it so you can later use this URL to administer your CubicWall.



Login with the user name **admin** and password **Pa55wArd!**

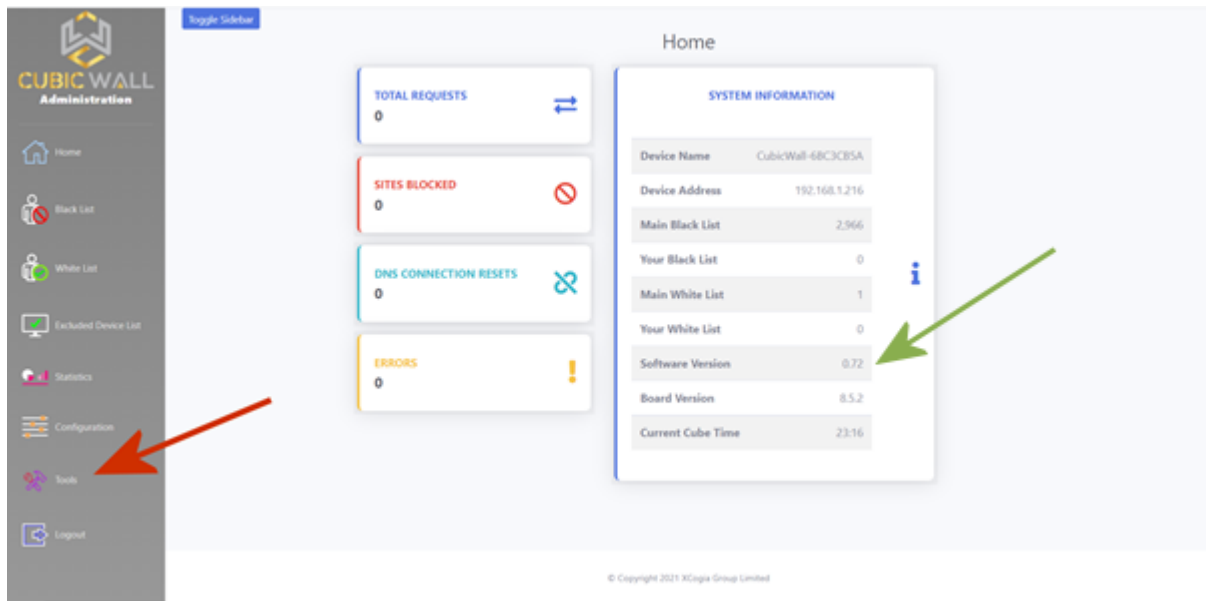
You will be presented with your CubicWall dashboard.



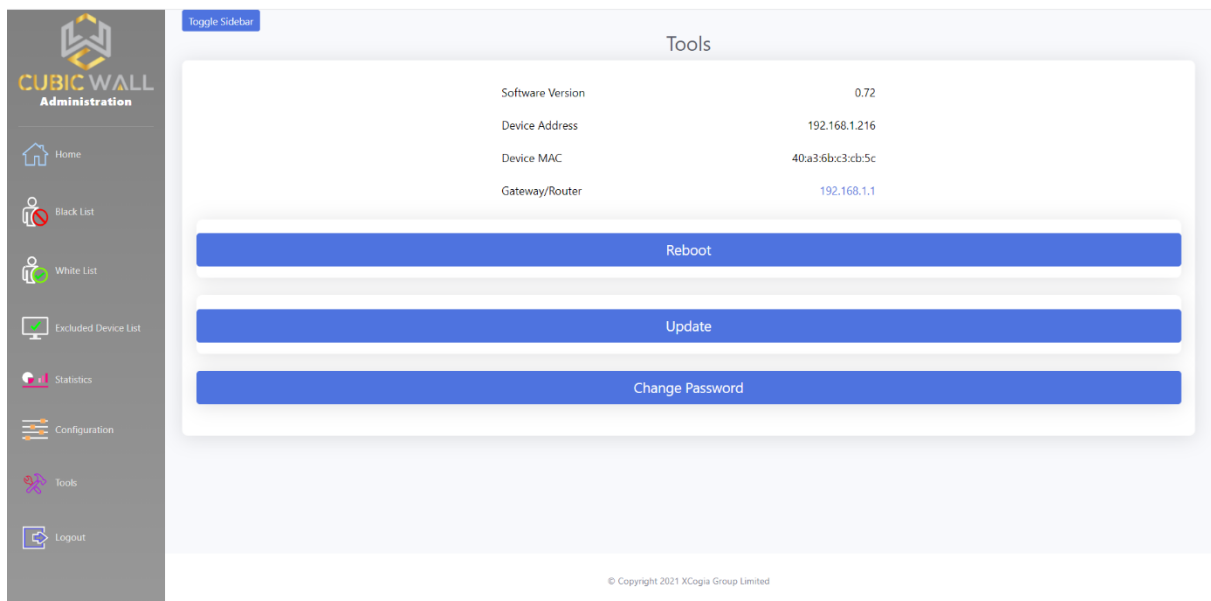
Updating CubicWall's Software

The CubicWall platform is being continually improved so it is important ensure you are running the very latest release of the software, the version currently installed on your CubicWall is indicated as “Software Version” on the dashboard. Now you have your CubicWall set up, the next step is to update the device to the latest release.

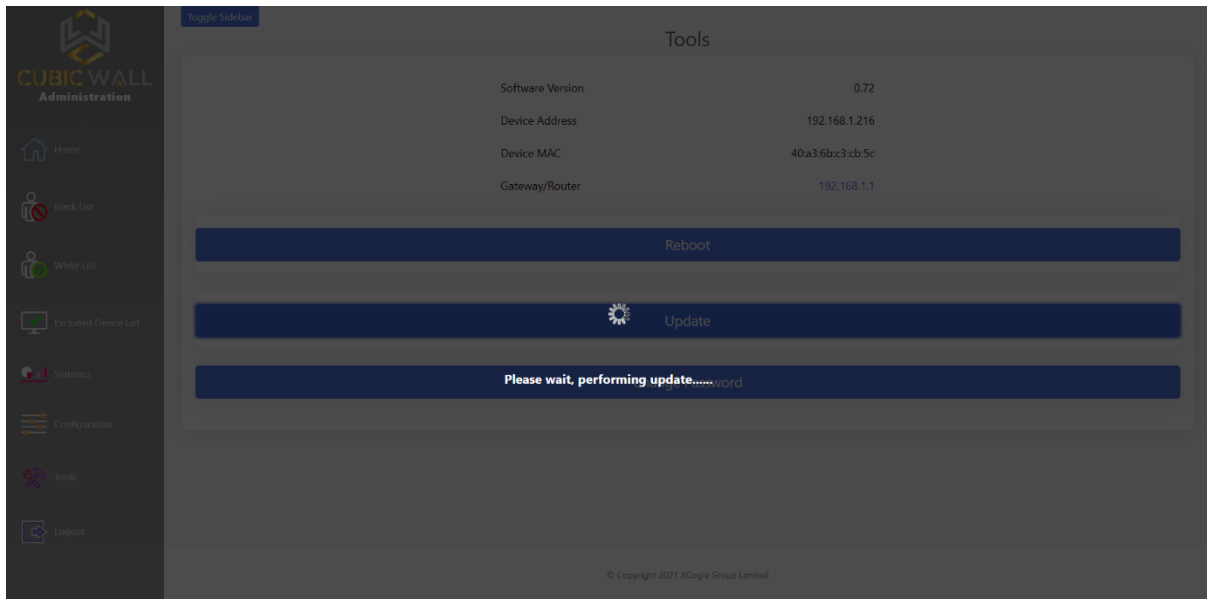
To perform the update, select the “Tools” menu indicated by the red arrow in the image above, but first take note of the Software Version indicated by the green arrow in the image above.



You will be presented with the Tools page below.




From the Tools page, click the “Update” button, If no update is available it will immediately return to the page, but if an update is available the device will download the latest software version and update your CubicWall. Please be patient this may take a couple of minutes to complete.



Once completed the Tools page will display the updated version number.

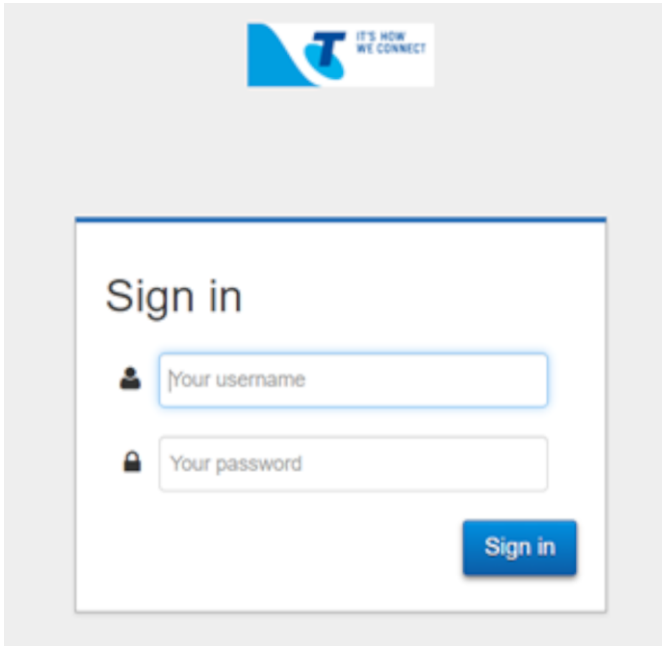
Configuring Your Network to Use CubicWall

In the previous step we finished on the Tools page. If you have to already done so please record the “Device Address”, “Device MAC” and “Gateway/Router” values, you’ll need these to complete the next steps.

| Tools | |
|------------------|--|
| Software Version | 0.73e |
| Device Address | 192.168.1.216 |
| Device MAC | 40:a3:6b:c3:cb:5c |
| Gateway/Router |  192.168.1.1 |

Click on the Gateway/Router address indicated by the red arrow in the image above, this should open a new browser window or tab displaying your gateway’s administration page. As there are many different bands and models of Gateways/Routers, your Gateway pages may vary for the pages hereafter. We are using Testra™ Gateway in this example.

After clicking on the Gateway/Router address you will be presented with a login screen, the default user name is “admin” and the default password is “password”.



IT'S HOW WE CONNECT

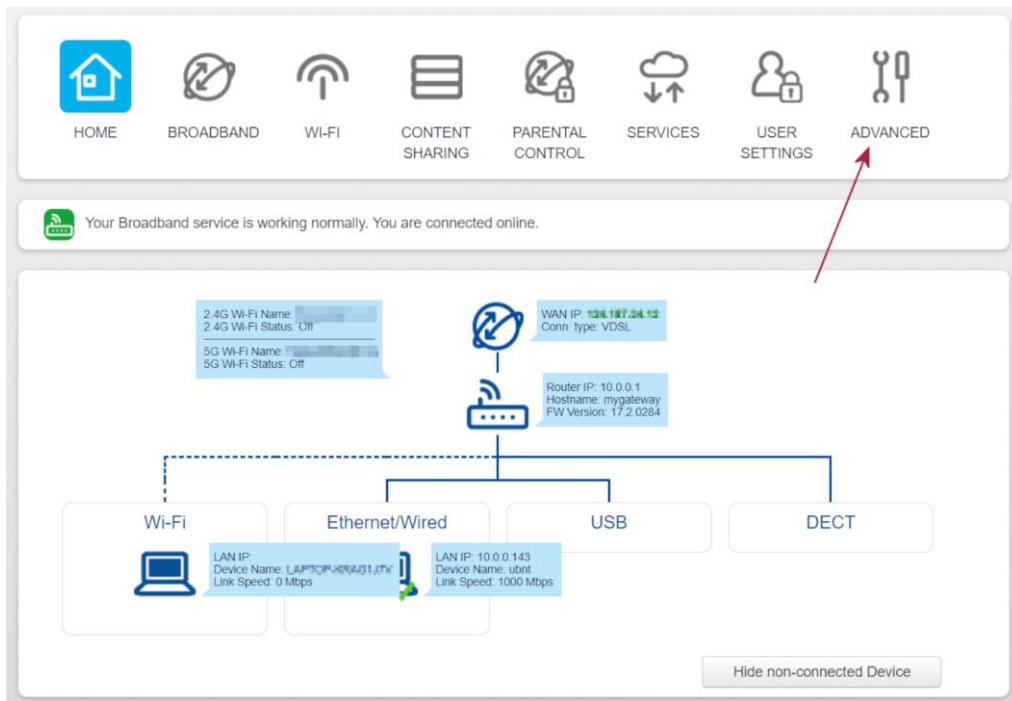
Sign in

Your username

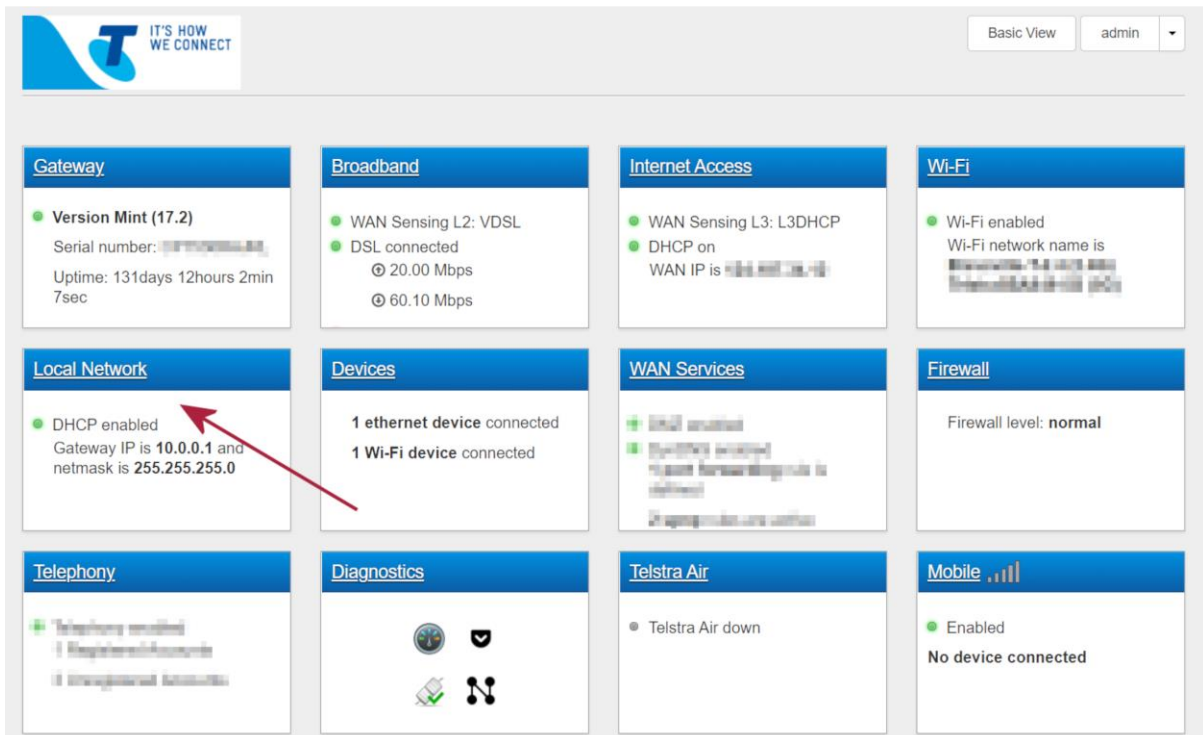
Your password

Sign in

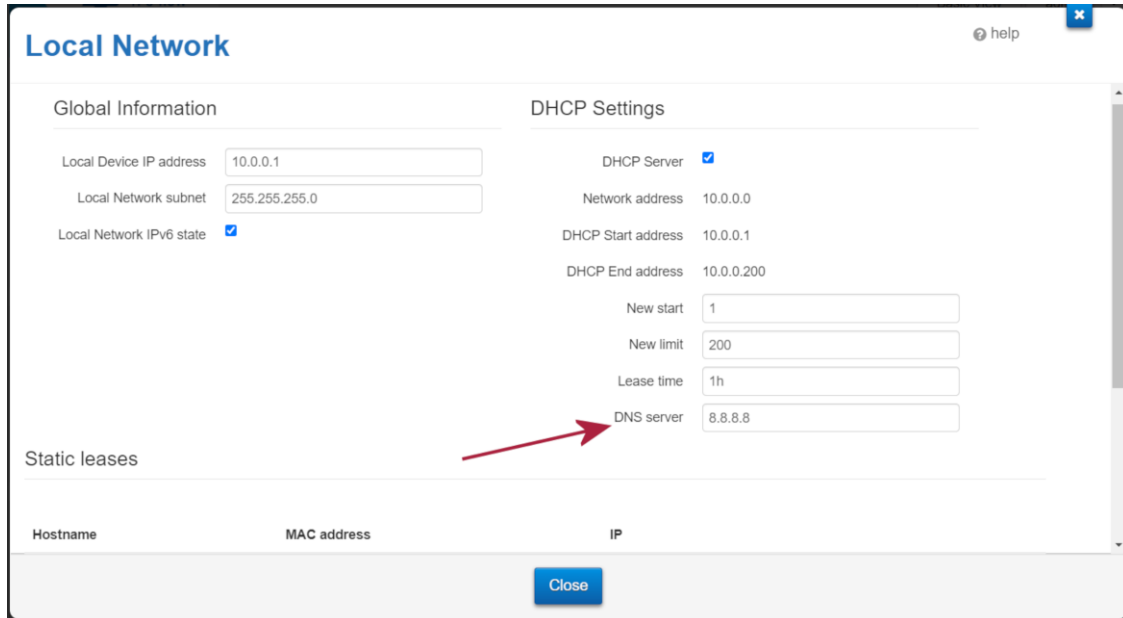
Once you have successfully logged into your Gateway you will see the main page, click the “Advanced” button indicated by the red arrow in the image below.



The “Advanced” view of the page is now displayed, locate the “Local Network” section indicated by the red arrow on the image below. Click on the words “Local Network”.



You should now see the Local Network configuration page. Note the field labelled “DNS Server” indicated by the red arrow in the image below. The current value in this example is 8.8.8.8, your value will almost certainly be different, however we need to change this value to the “Device Address” you will have taken note of from the “Tools” page earlier. If you have forgotten to write the down this address don’t worry, simply log back into your CubicWall and navigate to the “Tools” page again.



The “Device Address” from our CubicWall Tools page was 192.168.1.216 (your address will almost certainly be different) so we update the DNS Server field with that address:

DHCP Settings

DHCP Server

Network address 10.0.0.0

DHCP Start address 10.0.0.1

DHCP End address 10.0.0.200

New start

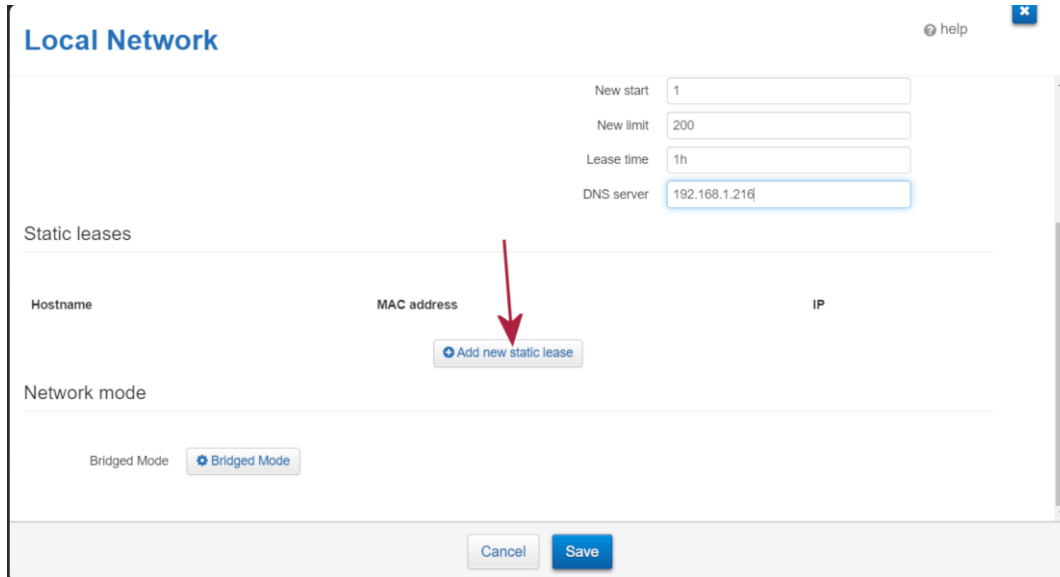
New limit

Lease time

DNS server

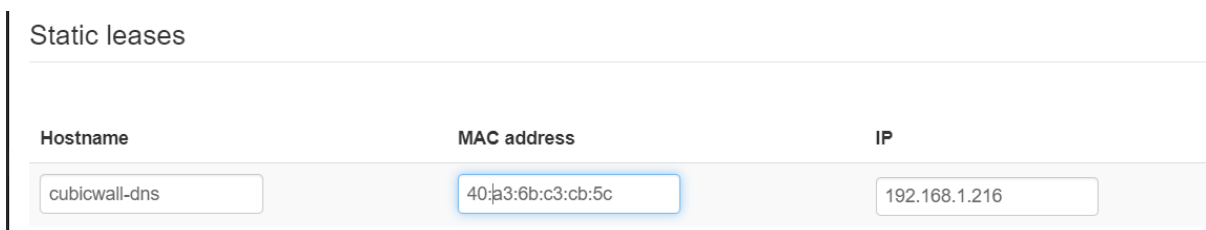
Staying on the “Local Network” page we need to make another change. At the bottom of the page you can see a section named “Static Leases”, you may need to scroll down the page to see this section.

Click the “Add New Static Lease” button:



The screenshot shows the "Local Network" configuration page. At the top right, there is a "help" icon and a close button. Below this, there are four input fields: "New start" (value: 1), "New limit" (value: 200), "Lease time" (value: 1h), and "DNS server" (value: 192.168.1.216). The "Static leases" section is below, with columns for "Hostname", "MAC address", and "IP". A red arrow points to the "Add new static lease" button. Below this, there is a "Network mode" section with a "Bridged Mode" button. At the bottom, there are "Cancel" and "Save" buttons.

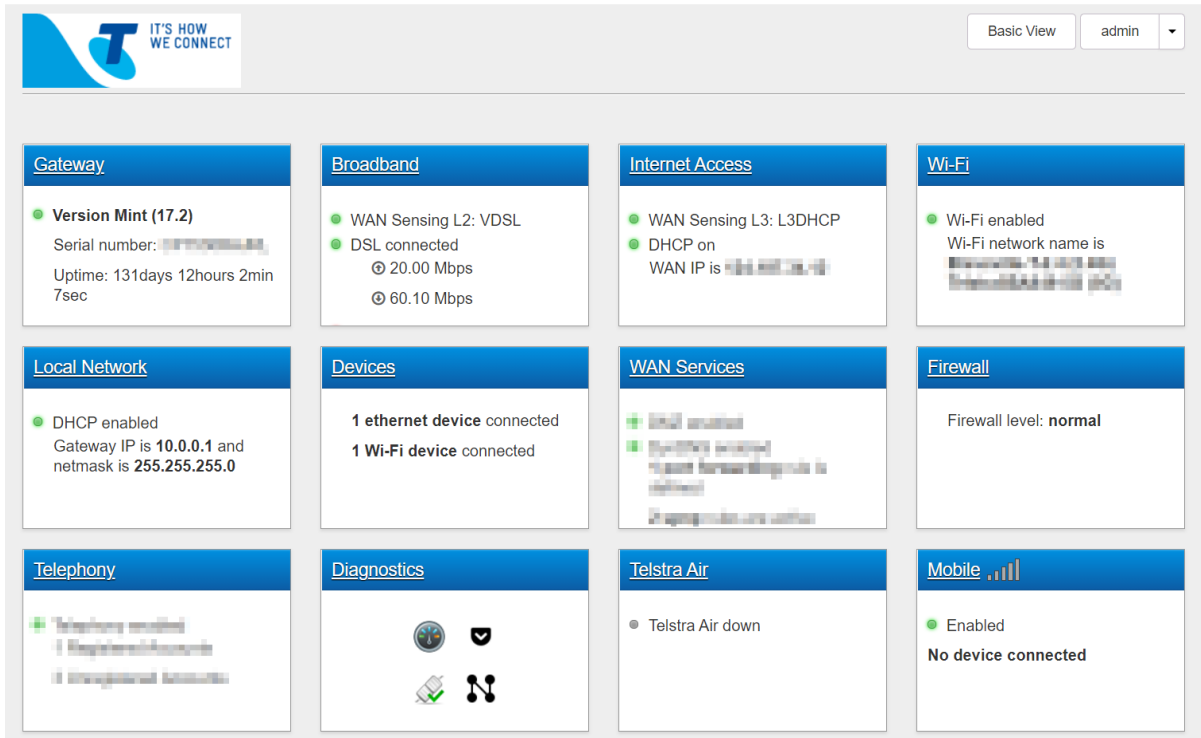
Three new fields will be presented, the “Hostname” field can be set to cubicwall-dns, the “MAC Address” must match the “Device MAC” value you recorded earlier from the “[Tools](#)” page, colons are automatically inserted when you enter the value in the field. The “IP” field must be set to the same value you entered in the previous step for the “DNS Server” field, this is the “Device Address” you recorded earlier from the “[Tools](#)” page.



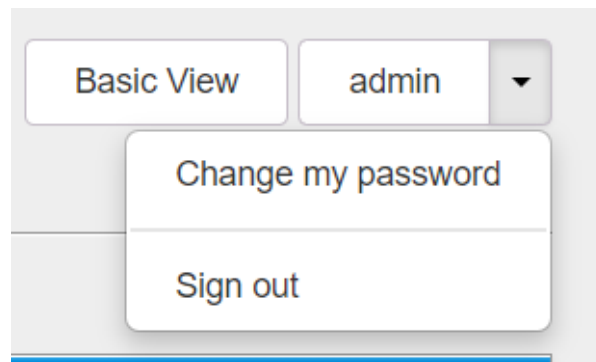
The screenshot shows the "Static leases" section with three input fields filled with values:

| Hostname | MAC address | IP |
|---------------|-------------------|---------------|
| cubicwall-dns | 40:a3:6b:c3:cb:5c | 192.168.1.216 |

Once you have completed these fields correctly click the “Close” button at the bottom of the page, you will be returned to your gateways main page.



At the top right corner there is a button labelled "admin", click the down arrow on this button and select "Sign Out"



You can now close the browser window/tab.

What Now?

Now you have successfully completed the required configuration of your CubicWall and configured your Gateway, you are now ready to experience the benefits of CubicWall. All you need to do is start using your devices normally and CubicWall will do its thing in the background.

Due to the way devices use your network, some devices may not immediately utilise CubicWall and may take some time until they do. This is dependent on each individual device and how your specific network is configured.

If you want to try to force a device (computer, tablet etc) to start using CubicWall rather than wait for it to start using CubicWall automatically, switch the device off for 30 seconds, then switch it back on again. In many cases this will cause your device to read the new setup from the network and therefore start using CubicWall.