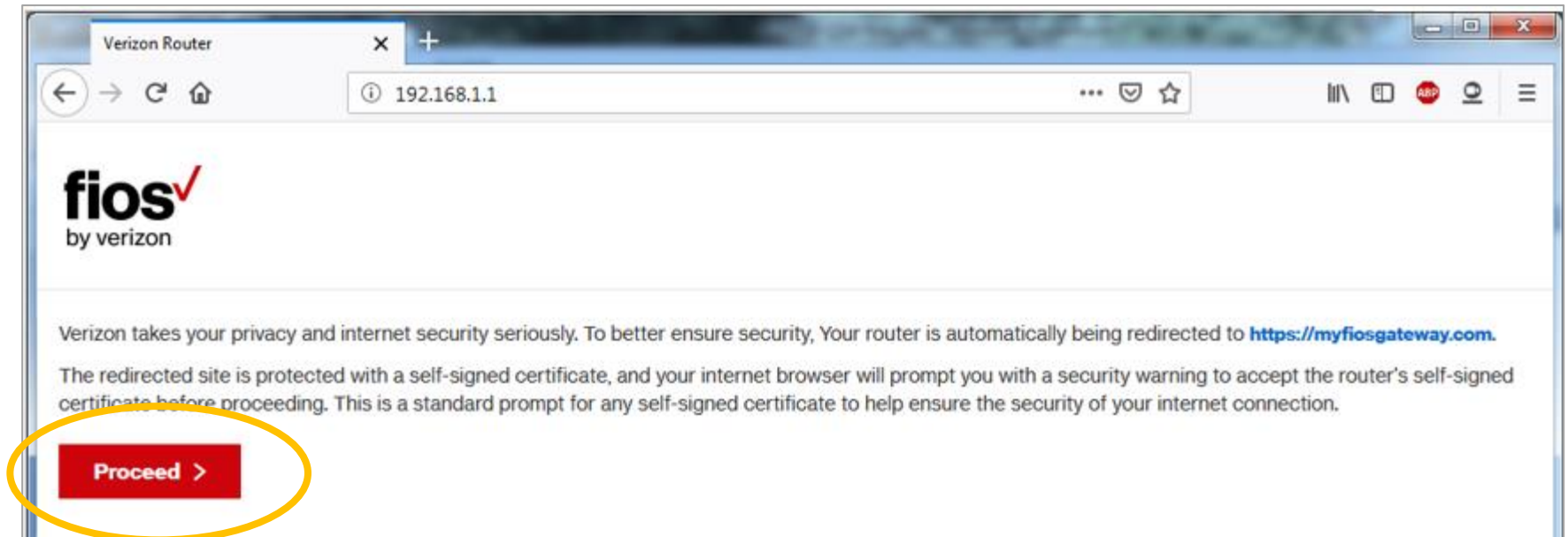


Thank you for participating in this trial of the new SON capabilities for the BHR4. We have created this document which will provide step-by-step instructions for enabling SON on your in-home router. Relevant areas on each page are circled in yellow.

Step 1

Make sure the device you are using is currently connected to your in-home WiFi network. Open a browser window and type in the IP address: 192.168.1.1 or go to: <https://myfiosgateway.com>

You should see the following message:

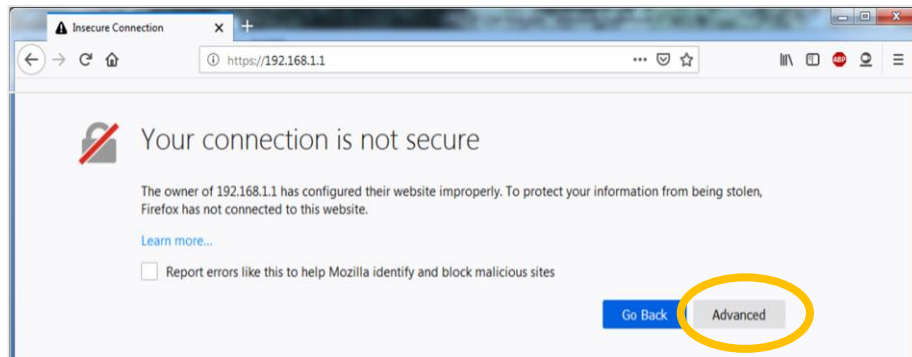


Click on the "Proceed" button.

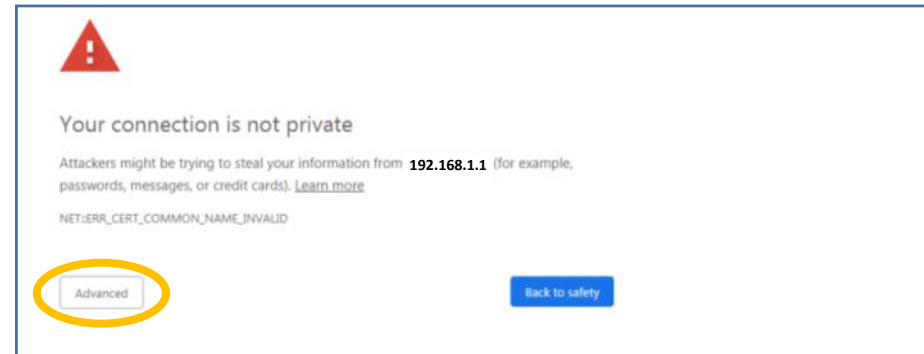
Step 2

You will see the following message. Click on “Advanced”.

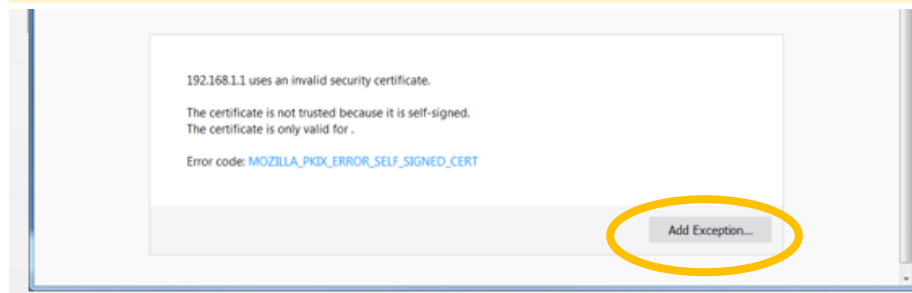
Firefox Warning Page



Chrome Warning Page, similar to Safari & IE

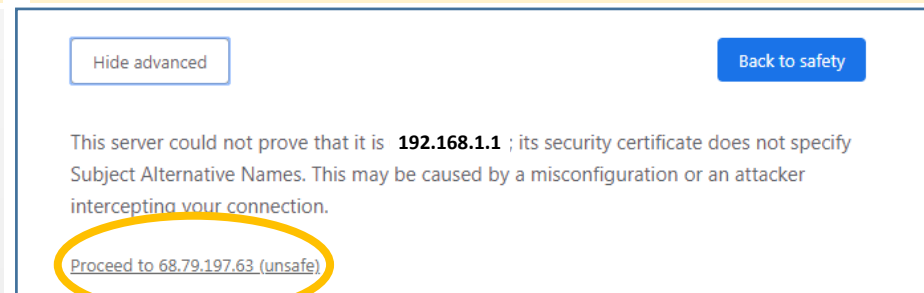


This drop down appears. Click on “Add Exception”.



Proceed to step 3

This drop down appears. Click on “Proceed to...”.



Skip step 3

Step 3

A pop-up will ask you to “Confirm Security Exception”, click on this button.



Step 4

Type the Admin Password located on a sticker on the back of your router into the box indicated on the screen and then click “Next”.

The screenshot shows a web browser window titled "Verizon Router" with the address bar displaying "https://192.168.1.1/#/setup". The page features the "fios by verizon" logo and a red heading "Welcome to your Fios Quantum Gateway!". Below this, a red sub-heading reads "Let's get started with Wi-Fi setup in 3 easy steps!".

Step 1 Please log in to your router

Enter the Admin Password located on the side of your router.

Admin Password: ?

☐ Show Password

Next > **Cancel and perform later >**

To the right, an image of the router's back panel is shown. A yellow oval highlights the "Connect to WiFi" section, which includes a QR code and the following text:

- Connect to WiFi:
- 2.4 GHz Wi-Fi Name: XXXXXXXXXX
- 5 GHz Wi-Fi Name: XXXXXXXXXX
- Wi-Fi Password: XXXXXXXXXX

Below this, another yellow oval highlights the "Manage router settings" section, which includes the URL "myfiosgateway.com" and the password "XXXXXXXXXX".

Step 5

The next two screens show you your current network settings. You do not need to change anything here. On the first page click “Continue”. On the second page, click “Apply”.

Verizon Router

https://192.168.1.1/#/setup

fios by verizon **Welcome to your Fios Quantum Gateway!**

Step 2 Personalize your Wi-Fi settings:

Your router is pre-configured with the Wi-Fi settings below. You may use the defaults or change the name and password to something easier to remember.

2.4 GHz Wi-Fi Name: FIOS-FKJP2

5 GHz Wi-Fi Name: FIOS-FKJP2-5G

Wi-Fi Password: host500pen8895rage

Wi-Fi Password must be at least 8 characters.

[Restore defaults >](#)

[Restore from Account >](#)

Setup and enable your Guest Wi-Fi (Optional): ☐

To keep your Wi-Fi secure, the Fios Quantum Gateway has the ability to create a Guest Wi-Fi network, where your guests can access the internet but will not have access to your private files, shared printers and media.

Continue > [Cancel and perform later >](#) [< Back](#)

Verizon Router

https://192.168.1.1/#/setup

fios by verizon **Welcome to your Fios Quantum Gateway!**

Step 3 Review and Apply your Wi-Fi settings:

2.4 GHz Wi-Fi Name: **FIOS-FKJP2**

5 GHz Wi-Fi Name: **FIOS-FKJP2-5G**

Wi-Fi Password: **host500pen8895rage**

[Restore default settings >](#)

Guest Wi-Fi: **Off**

You can add devices in one simple step. If your device has WPS, then simply press the WPS button on the router & on your device. They will automatically and securely connect.

Don't forget to download the **My Fios App**, which allows you to manage your router remotely, enable and manage parental controls, manage your guest network and provides additional ways to add devices.

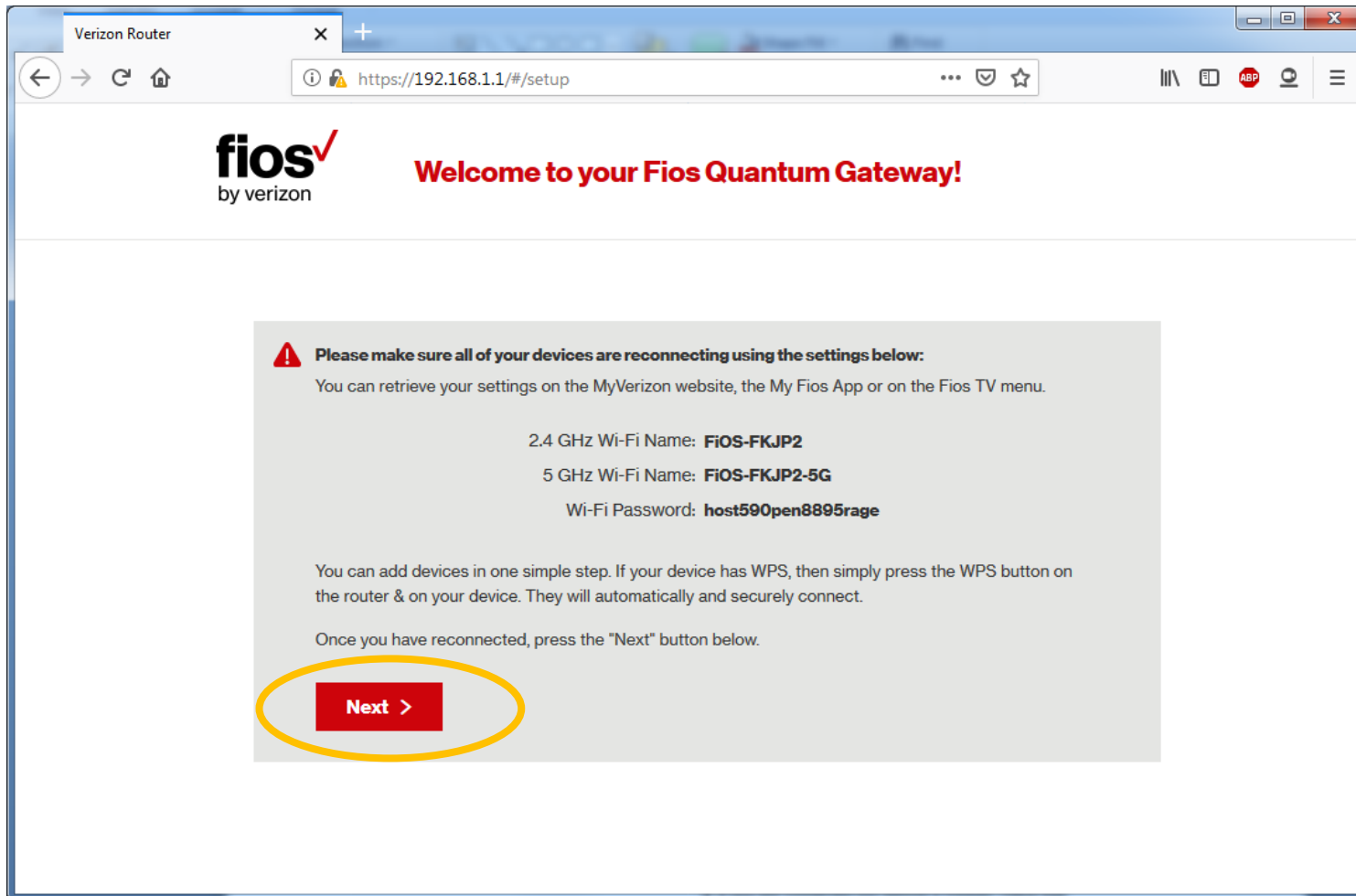
You can download My Fios App from the [Google Play Store](#) or [Apple App Store](#).

Apply > [Cancel and perform later >](#) [Save as picture >](#) [< Back](#)

Note: Steps 5-7 will not appear if previously completed.

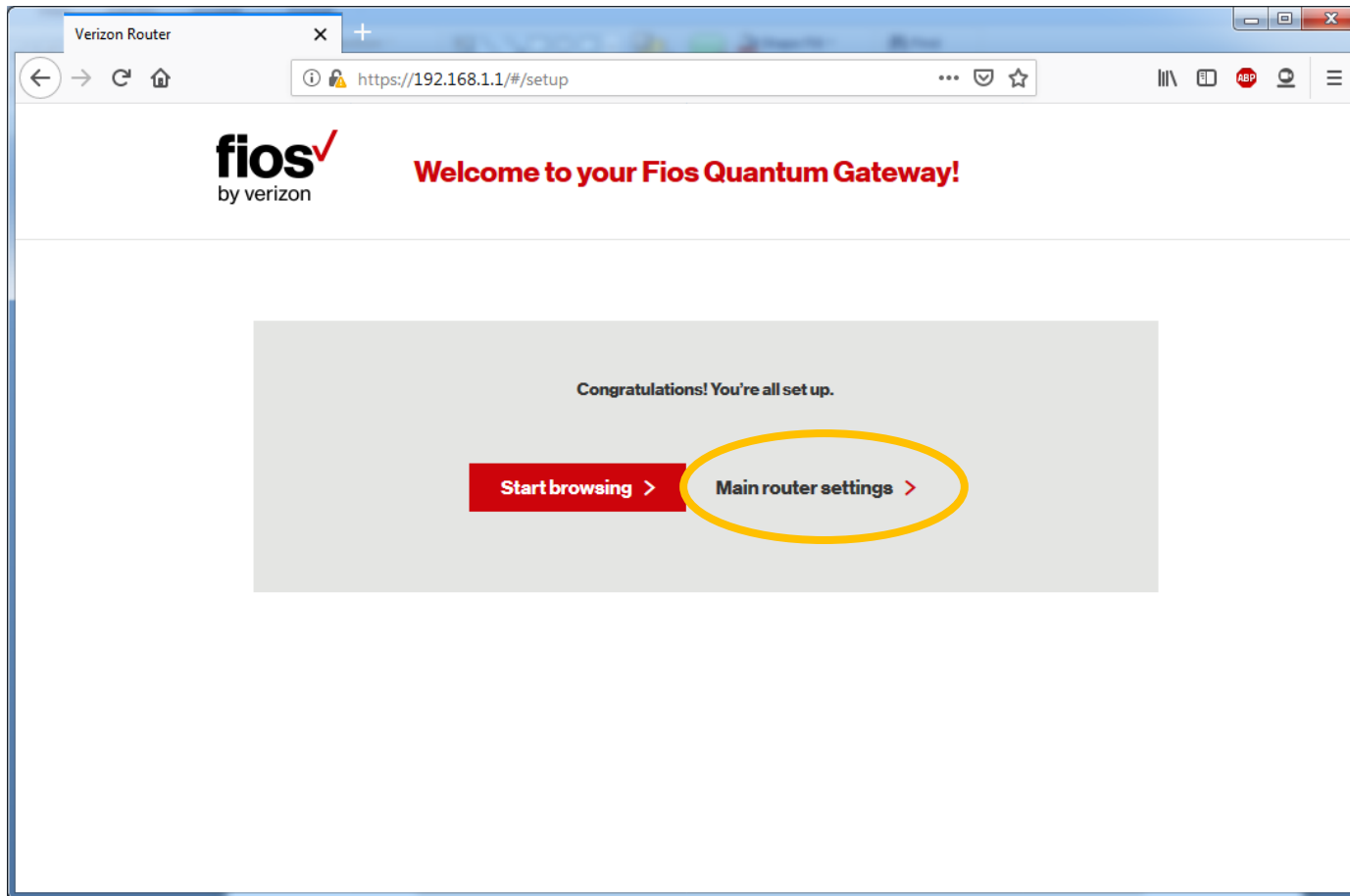
Step 6

Final check to ensure your devices are on the network. You have not changed anything yet so you only need to click “Next” to continue.



Step 7

You are through the set-up wizard. Please click on “Main Router Settings”



Step 8

You are now interfacing with your router. Click on Wireless Settings on the top navigation.

The screenshot shows a web browser window titled "Verizon Router" with the address bar displaying "https://192.168.1.1/#/main". The interface features the "fios by verizon" logo and a top navigation bar with the following links: **Main**, **Wireless Settings** (highlighted with a yellow circle), **My Network**, **Firewall**, **Parental Controls**, **Advanced**, and **System Monitoring**.

The main content area is divided into three columns:

- Status**: Includes a router icon, "Router Status:", "Ethernet/Coax Status: Cable Disconnected", and "IPv4 Address: 0.0.0.0". Below this is a "Quick Links" section with "Broadband Connection >" and "User Guide >".
- My Network**: Contains a "Primary Network" section with a laptop icon and details for "Jonathan-PC":
 - Connected To: Fios_Quantum_Gate...
 - Connection: Ethernet
 - IPv4 Address: 192.168.1.151
 - Status: ActiveBelow this is a "Guest Network" section.
- Verizon Zone**: Lists links for "Verizon.com >", "My Verizon Account >", "My Business Account >", "Support >", and "Watch TV Online >".

Step 9

On this screen you will notice that “Band Steering Enabled”= “No”
Click on Advanced Security Settings in the left-hand navigation.

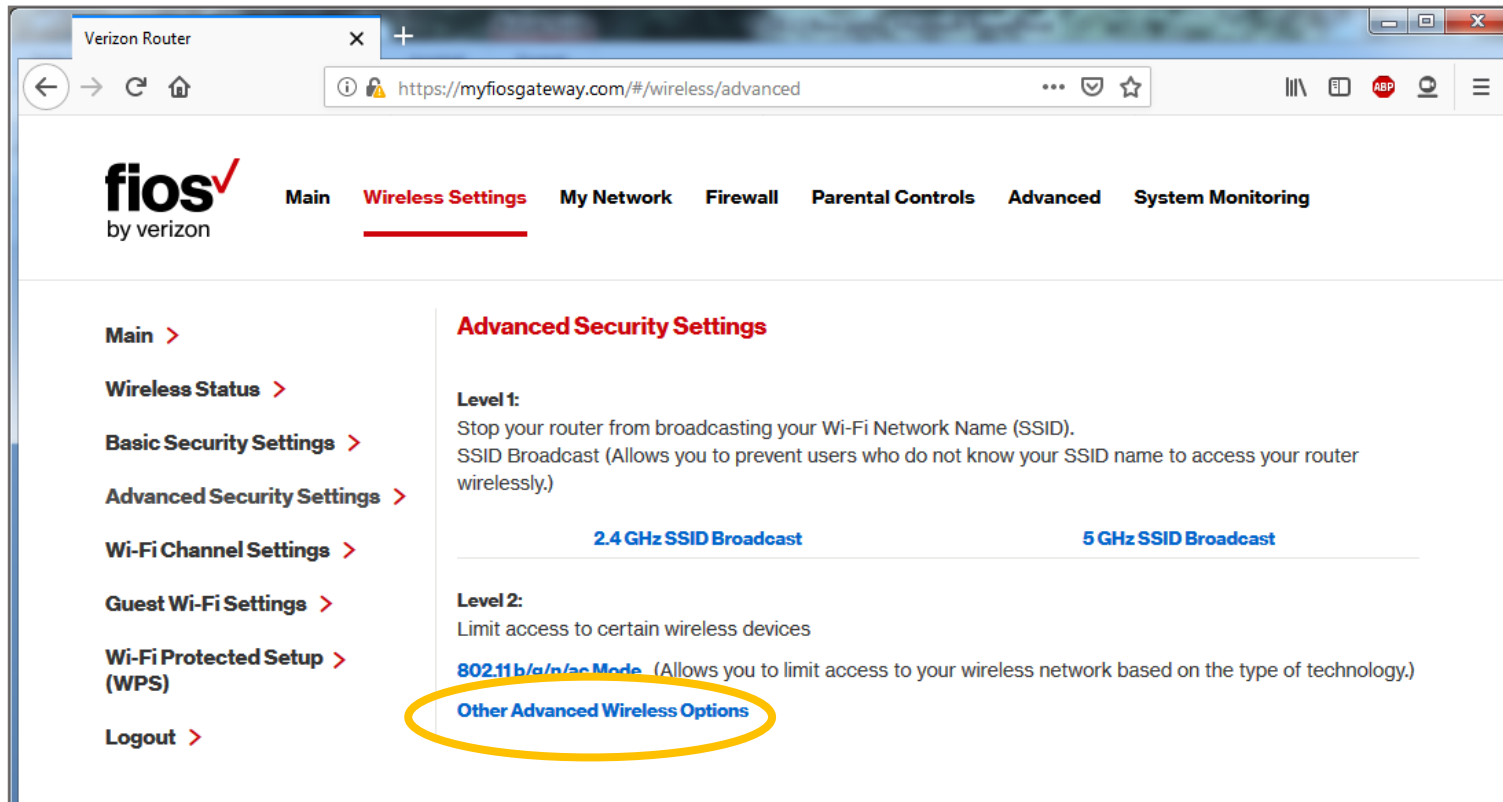
The screenshot shows a web browser window titled "Verizon Router" with the address bar displaying "https://myfiosgateway.com/#/wireless". The page features the Fios logo and a navigation menu with the following items: Main, **Wireless Settings** (highlighted with a red underline), My Network, Firewall, Parental Controls, Advanced, and System Monitoring. On the left side, there is a secondary navigation menu with the following items: Main >, Wireless Status >, Basic Security Settings >, **Advanced Security Settings >** (circled in yellow), Wi-Fi Channel Settings >, Guest Wi-Fi Settings >, Wi-Fi Protected Setup (WPS) >, and Logout >. The main content area is titled "Self-Organizing Network Status" and contains two rows of settings: "Band Steering Enabled:" with a value of "No", and "Access Point Steering Enabled:" with a value of "No". Below this, there is a section titled "2.4 GHz Wireless Status" with three rows of settings: "Radio Enabled:" with a value of "Yes", "SSID:" with a value of "mcozforce", and "Channel Selection:" with a value of "Automatic".

Self-Organizing Network Status	
Band Steering Enabled:	No
Access Point Steering Enabled:	No

2.4 GHz Wireless Status	
Radio Enabled:	Yes
SSID:	mcozforce
Channel Selection:	Automatic

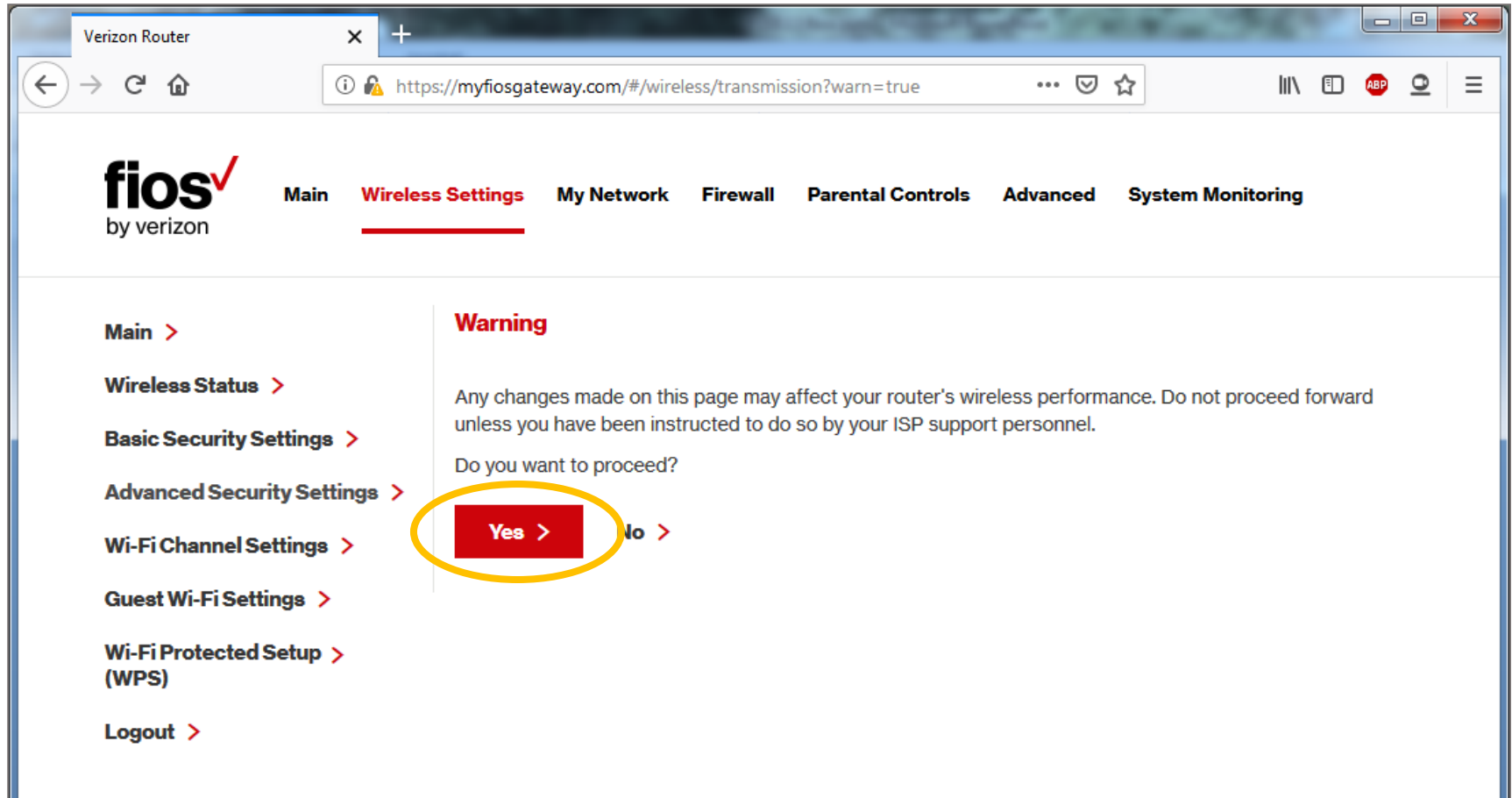
Step 10

Click on “Other Advanced Wireless Options”



Step 11

You will receive this warning. Click on “Yes” to proceed.



Step 12

“Self Organizing Enabled” is set to “Off” select “On” and then click “Apply” at the bottom of the page.

Verizon Router

https://myfiogateway.com/#/wireless/transmission?warn=true

fios by verizon

Main **Wireless Settings** My Network Firewall Parental Controls Advanced System Monitoring

Main >

Wireless Status >

Basic Security Settings >

Advanced Security Settings >

Wi-Fi Channel Settings >

Guest Wi-Fi Settings >

Wi-Fi Protected Setup (WPS) >

Logout >

Self-Organizing Network Enabled: ☐ On ☒ Off

2.4 GHz Advanced Wireless Options

☒ Group Key Update Interval 3600 Seconds

Transmit Power: 100 %

[2.4 GHz WMM Settings](#)

5 GHz Advanced Wireless Options

☒ Group Key Update Interval 3600 Seconds

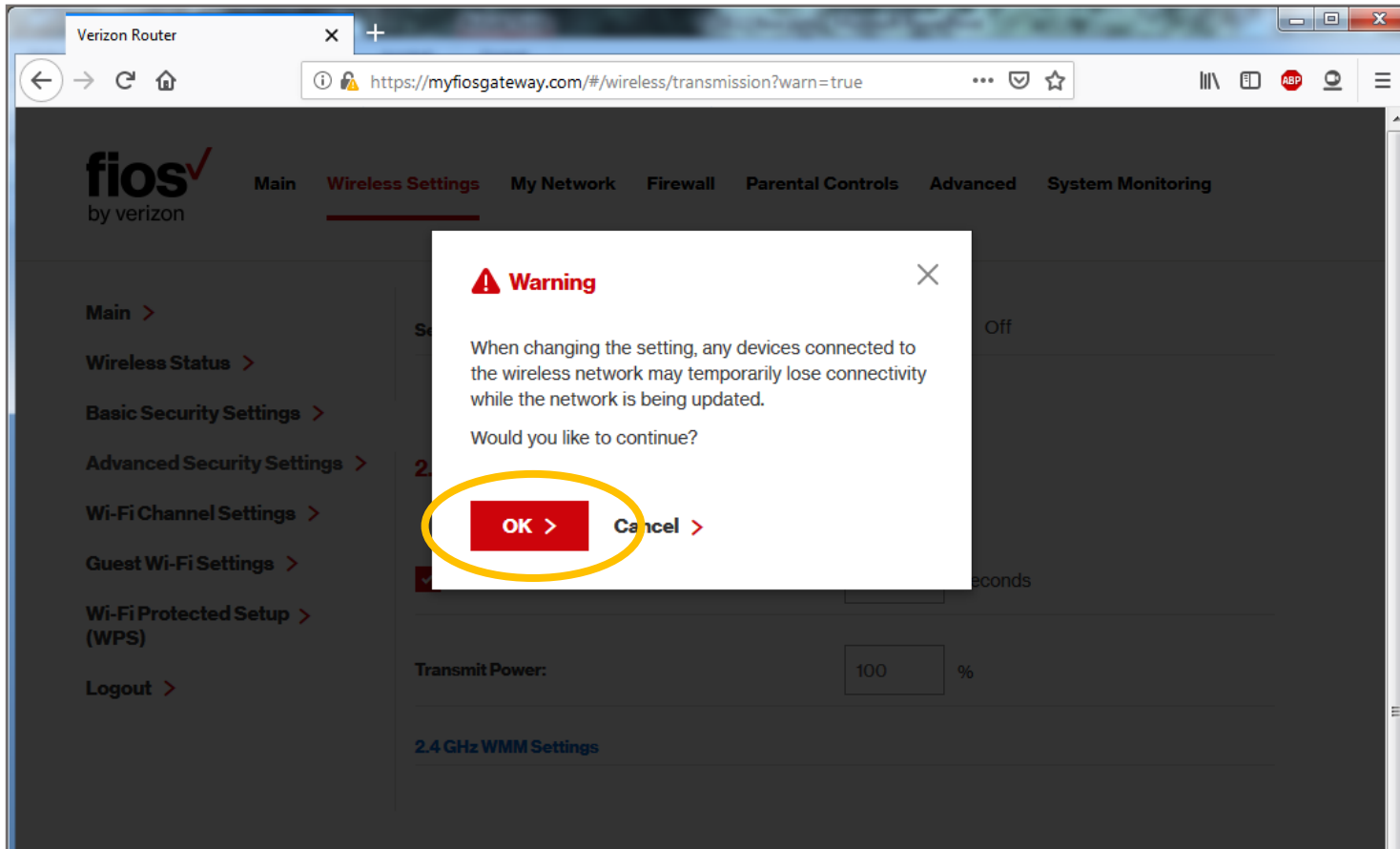
Transmit Power: 100 %

[5 GHz WMM Settings](#)

Apply > < Back

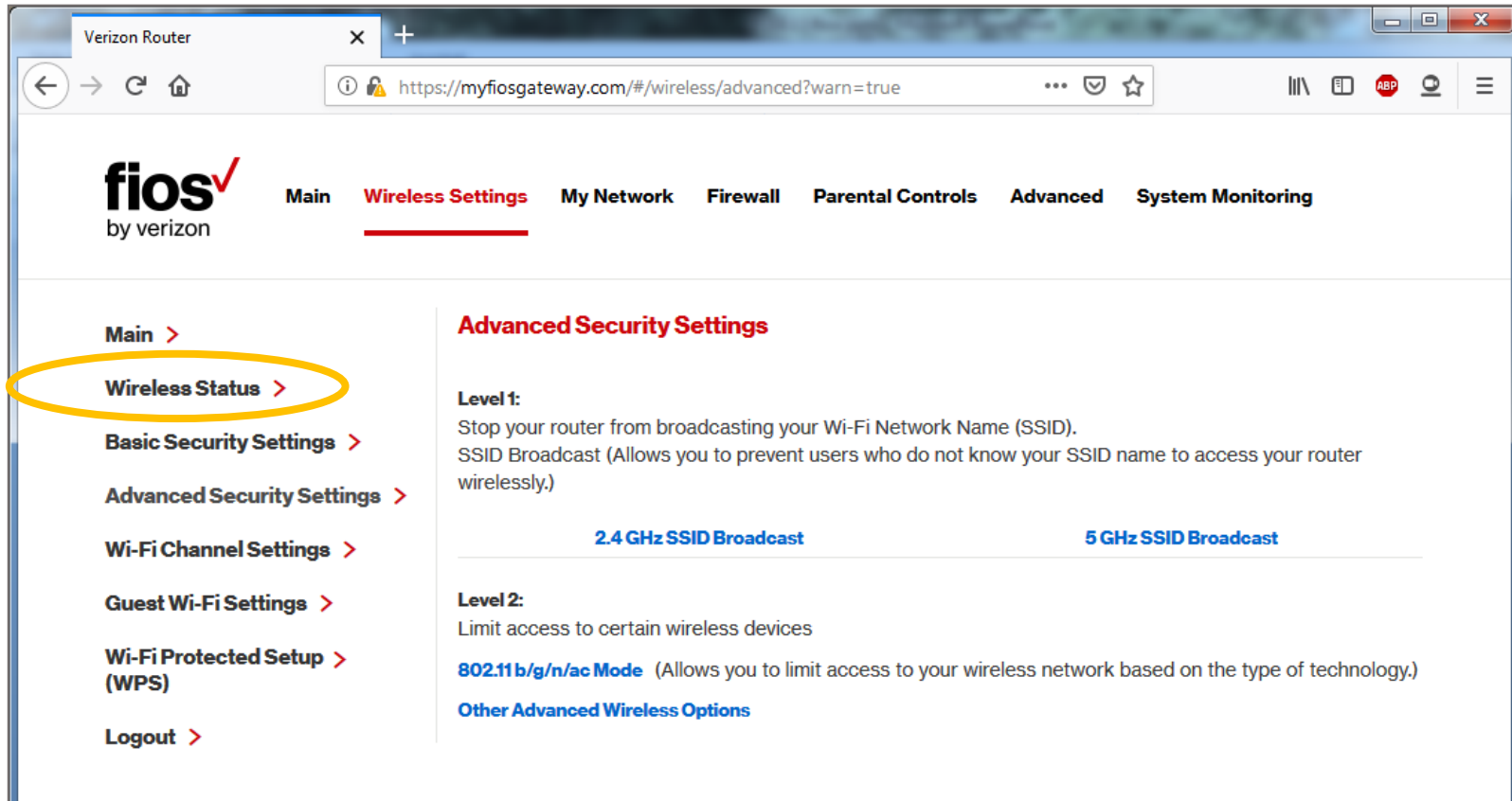
Step 13

A warning message will pop-up. Click “Ok” to continue.



Step 14

You will be returned to the Advanced Security Settings page. Click on Wireless Status in the left-hand navigation.



Step 15

Check to be sure your Band Steering Enabled status is now “Yes”

Your Wi-Fi networks and passwords for both 2.4 and 5ghz should be the same.

Please note:
You will need to verify that each of your devices are connected to the WiFi.

Thank you for taking the time to complete this process.

If you have any problems or questions, please contact:
VerizonTrials@Verizon.com

The screenshot shows the Verizon Router's 'Wireless Settings' page. The 'Self-Organizing Network Status' section is circled in yellow, with a red box around 'Band Steering Enabled: Yes' and a blue callout box saying 'Should now say Yes'. The '2.4 GHz Wireless Status' and '5 GHz Wireless Status' sections are also circled in yellow. In both sections, the 'SSID' and 'WPA2' fields are highlighted with red boxes and labeled 'These should match' with blue callout boxes. The SSID for both is 'moozforce' and the WPA2 password is '2145373148'.

Setting	2.4 GHz Wireless Status	5 GHz Wireless Status
Radio Enabled	No	No
SSID	moozforce	moozforce
Channel Selection	Automatic	Automatic
Current Channel	1	136
Channel Width	20 MHz	80 MHz
Security Enabled	Yes	Yes
WPA2	2145373148	2145373148
SSID Broadcast	Enabled	Enabled
Wireless Mode	Compatibility Mode(802.11b/g/n)	N and AC Mode(802.11n/ac)

Step 16

Reboot your router after enabling or disabling the SON feature enhancement. If you have an FNE (Fios Network Extender), reboot the FNE as well. Rebooting the router and FNE will ensure everything is reset, and your devices (phone/laptop/other devices) have the ability to disconnect and then reconnect to Wi-Fi.