



PR460X Onboarding

Initial configuration and
changing the LAN subnet.

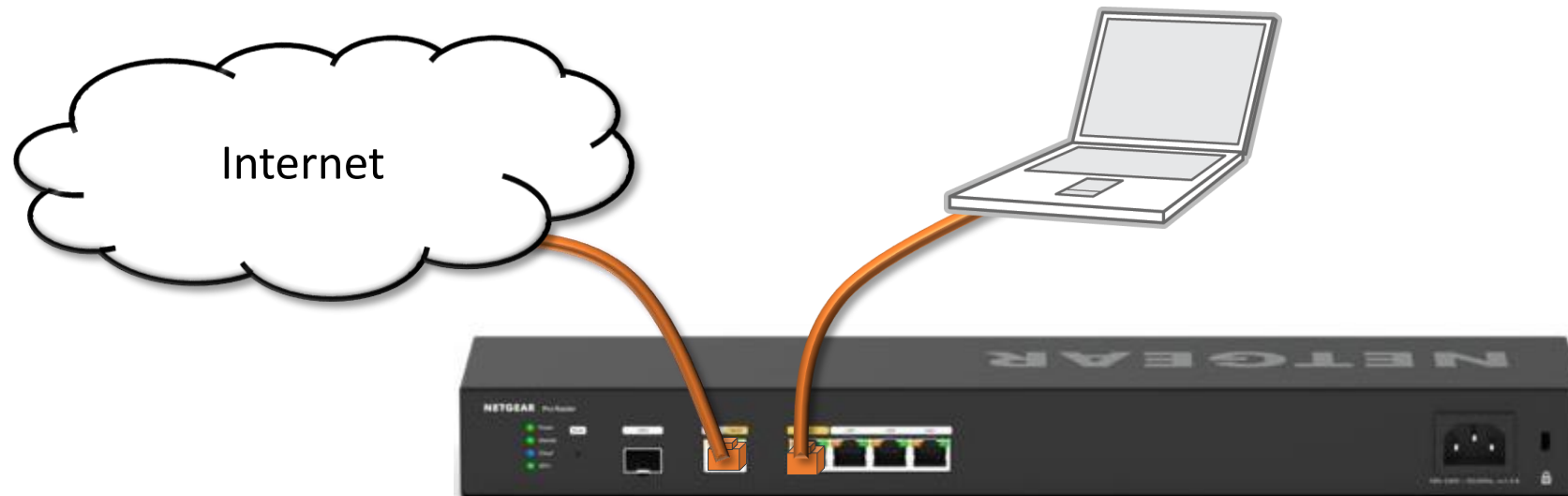
PR460X Onboarding

This article will go over the initial configuration of the PR460X and how to change the LAN subnet.

By default, the LAN IP address of the PR460X is "192.168.1.1."

We recommend to change the LAN subnet to something that is not as common as the 192.168.1.X or 192.168.0.X subnets.

We will go through the onboarding process, update the firmware version, and change the LAN subnet.



Connect the router to the internet and connect a computer on the LAN port with DHCP enabled.

Your computer will receive an IP address in the 192.168.1.X subnet and a gateway of 192.168.1.1.



PR460X

10G/Multi-Gigabit Dual WAN Pro Router
with Insight Cloud Management



Open a browser and go to "192.168.1.1" IP address.

NETGEAR®

Log In

Username
admin

Password
.....

Log In

The default login is:
Username: admin
Password: password

Welcome



Let's set up your router.
Make sure that your router is connected to the Internet with an Ethernet cable to continue.

Next

The device will guide you through the Onboarding procedure.
Click on "Next."

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To complete the installation process, you must agree to the Terms of Services.
If you do not accept these Terms of Services, you must return your NETGEAR device.

I Agree

Click on "I Agree."

Internet Detected



You're just a few steps away from completing the installation.

Next

Click on "Next."

Admin Account Settings

The admin password is used to log in to your router's local browser interface. Secure your network by changing the admin password.

User Name
admin

New Password*
.....

Confirm New Password*
.....

Enter the new admin password and confirm it.

Next

Click on "Next."

Time Zone

Time Zone
(GMT-08:00) Pacific Time(US & Canada), Tijuana

Set the correct time zone from the drop-down menu.



Next

Click on "Next."

New Firmware Detected



Update your router's firmware to get the latest features, bug fixes, and security fixes.

Current Version: V2.0.0.243

New Version: V2.2.0.46

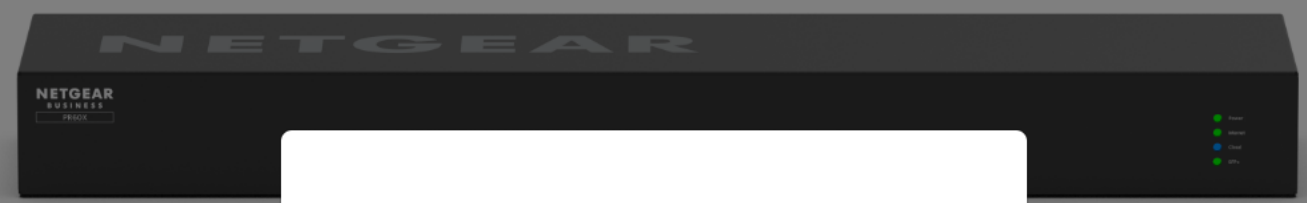
Here we can see that there is a new firmware version available for the router. Always make sure that you are on the latest firmware version before configuring your device.

Skip

Next

Click on "Next."

New Firmware Detected



Are you sure you want to Upgrade?

Cancel Update

Click on "Update."

Current Version: V2.0.0.243

New Version: V2.2.0.46

Skip Next

New Firmware Detected



Upgrading Image. Please wait.....

It will take a few minutes for the device to download and install the new firmware.

New Version: V2.2.0.46

Skip Next

New Firmware Detected



The Firmware has been updated

OK

Click on "OK."

New Version: V2.2.0.46

Skip Next

New Firmware Detected



Up

The device will then need to reboot into the new firmware version.

New Version: V2.2.0.46

Skip Next

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with Insight Cloud Management



Once the device reboots the page will refresh and you will see the login screen.
If it is taking a long time, then refresh the page.

NETGEAR®

Log In

Username
admin

Password
.....

Log In

Login using the new password you created during the onboarding.

Once you login you will see the "Dashboard" for the device where we can see connectivity, system information, and port status.

The device is now setup and ready to go.

We are now going to go through how to change the LAN subnet.

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Dashboard

Monitoring

WAN

LAN

Firewall

VPN

QoS

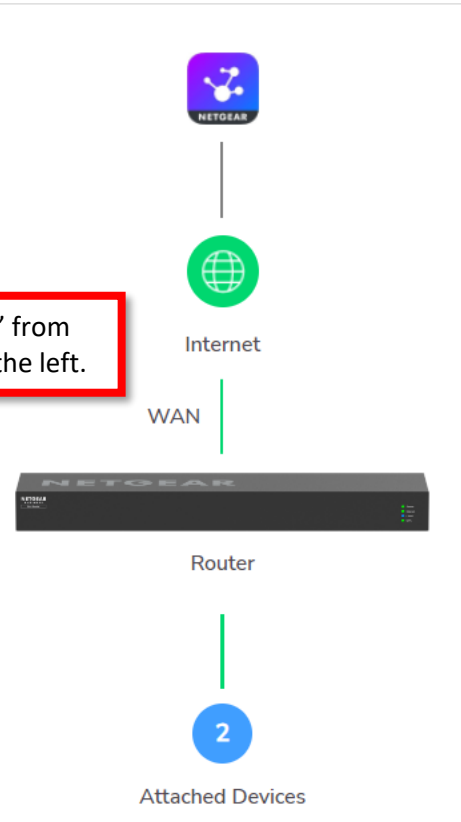
Applications

Administration

Troubleshoot

Support

Connectivity



System Information

Router Name	PR460X
Region	North America
Ethernet MAC	94:18:65:D4:31:20
Serial Number	7BG1387ND02D5
Current Time	Fri Jan 05 16:39:24 2024
System Up Time	1 Minute, 2 Seconds
Insight Mode	<input checked="" type="checkbox"/> Not Registered
Fan speed	2758 RPM
Temperature	31 °C / 87 °F
Firmware Version	V2.2.0.46
	Firmware is up to date.

Reboot

Check for Update

Internet Port Status

Port	WAN1
Status	Online
Connection Type	DHCP
IP Address	192.168.6.21

Ethernet Port Status

Port	Status	Speed
WAN		1000 Mbps
LAN1		2500 Mbps
LAN2		1000 Mbps
LAN3		0 Mbps
LAN4		0 Mbps
LAN5		0 Mbps

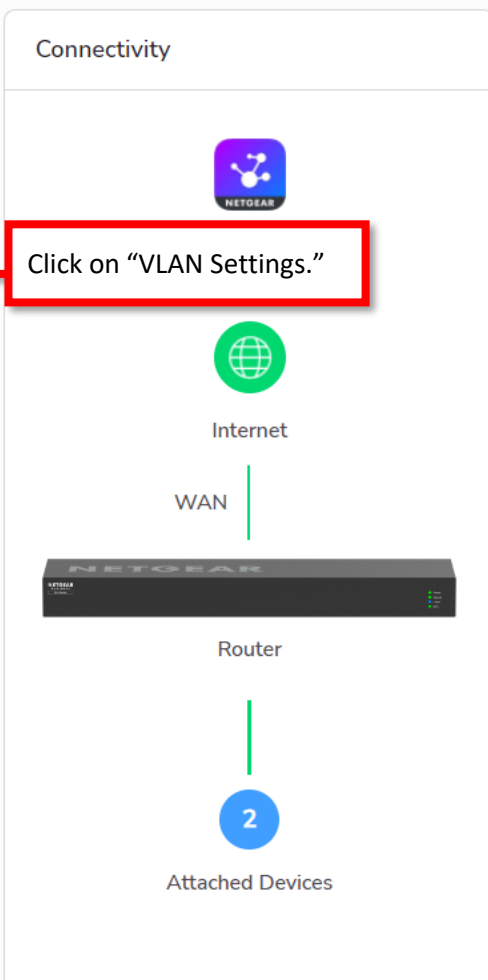
IPSec VPN Status

IPSec	Disabled
In Use	0
Connected	0
Disconnected	0
Max Supported	30

VLAN Status

Click on "LAN" from the menu on the left.

- Dashboard
- Monitoring
- WAN
- LAN**
 - VLAN Settings**
 - Port Settings
 - Static DHCP Leases
 - Static Routes
 - mDNS Gateway
- Firewall
- VPN
- QoS
- Applications
- Administration
- Troubleshoot
- Support



System Information

Router Name	PR460X
Region	North America
Ethernet MAC	94:18:65:D4:31:20
Serial Number	7BG1387ND02D5
Current Time	Fri Jan 05 16:40:14 2024
System Up Time	1 Minute, 52 Seconds
Insight Mode	<input checked="" type="checkbox"/> Not Registered
Fan speed	2758 RPM
Temperature	31 °C / 87 °F
Firmware Version	V2.2.0.46 Firmware is up to date.

[Reboot](#) [Check for Update](#)

Internet Port Status

Port	WAN1
Status	Online
Connection Type	DHCP
IP Address	192.168.6.21

Ethernet Port Status

Port	Status	Speed
WAN		1000 Mbps
LAN1		2500 Mbps
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LAN3		0 Mbps
LAN4		0 Mbps
LAN5		0 Mbps

IPSec VPN Status

IPSec	Disabled
In Use	0
Connected	0
Disconnected	0
Max Supported	30

VLAN Status

--	--

- Dashboard
- Monitoring
- WAN
- LAN**
 - VLAN Settings
 - Port Settings
 - Static DHCP Leases
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- Support

VLAN Settings

Add VLAN Profile

VLAN ID 1 | VLAN Name default | IPv4 Settings
IP Address: 192.168.1.1
Subnet Mask: 255.255.255.0
DHCP Server: Enabled
DHCP Range: 192.168.1.2-192.168.1.250



Click on the drop-down icon to the right of VLAN ID 1.

Assign VLANs to Wired Ports

VLAN ID	LAN1	LAN2	LAN3	LAN4	LAN5
1	Untagged	Untagged	Untagged	Untagged	Untagged

Cancel Apply

- Dashboard
- Monitoring
- WAN
- LAN**
 - VLAN Settings
 - Port Settings
 - Static DHCP Leases
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- Support

VLAN Settings

Add VLAN Profile

VLAN ID 1	VLAN Name default	IPv4 Settings IP Address: 192.168.1.1 Subnet Mask: 255.255.255.0 DHCP Server: Enabled DHCP Range: 192.168.1.2-192.168.1.250
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VLAN ID:

VLAN Name:

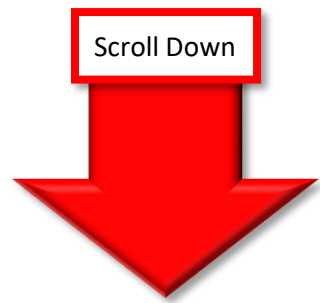
Inter VLAN Routing:

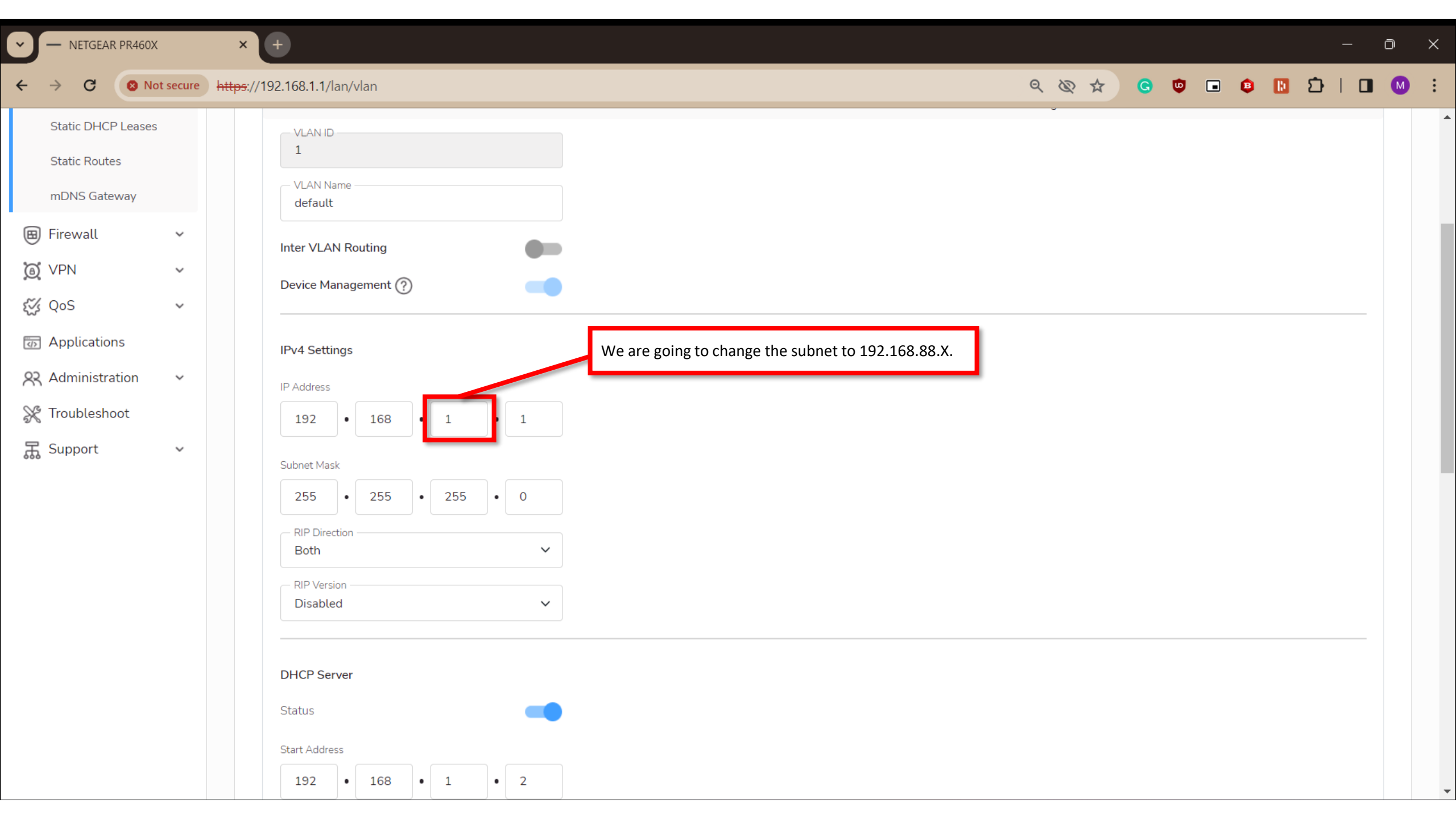
Device Management:

IPv4 Settings

IP Address: . . .

Subnet Mask: . . .





- Static DHCP Leases
- Static Routes
- mDNS Gateway

- Firewall
- VPN
- QoS
- Applications
- Administration
- Troubleshoot
- Support

VLAN ID
1

VLAN Name
default

Inter VLAN Routing

Device Management

IPv4 Settings

IP Address
192 • 168 • 1 • 1

Subnet Mask
255 • 255 • 255 • 0

RIP Direction
Both

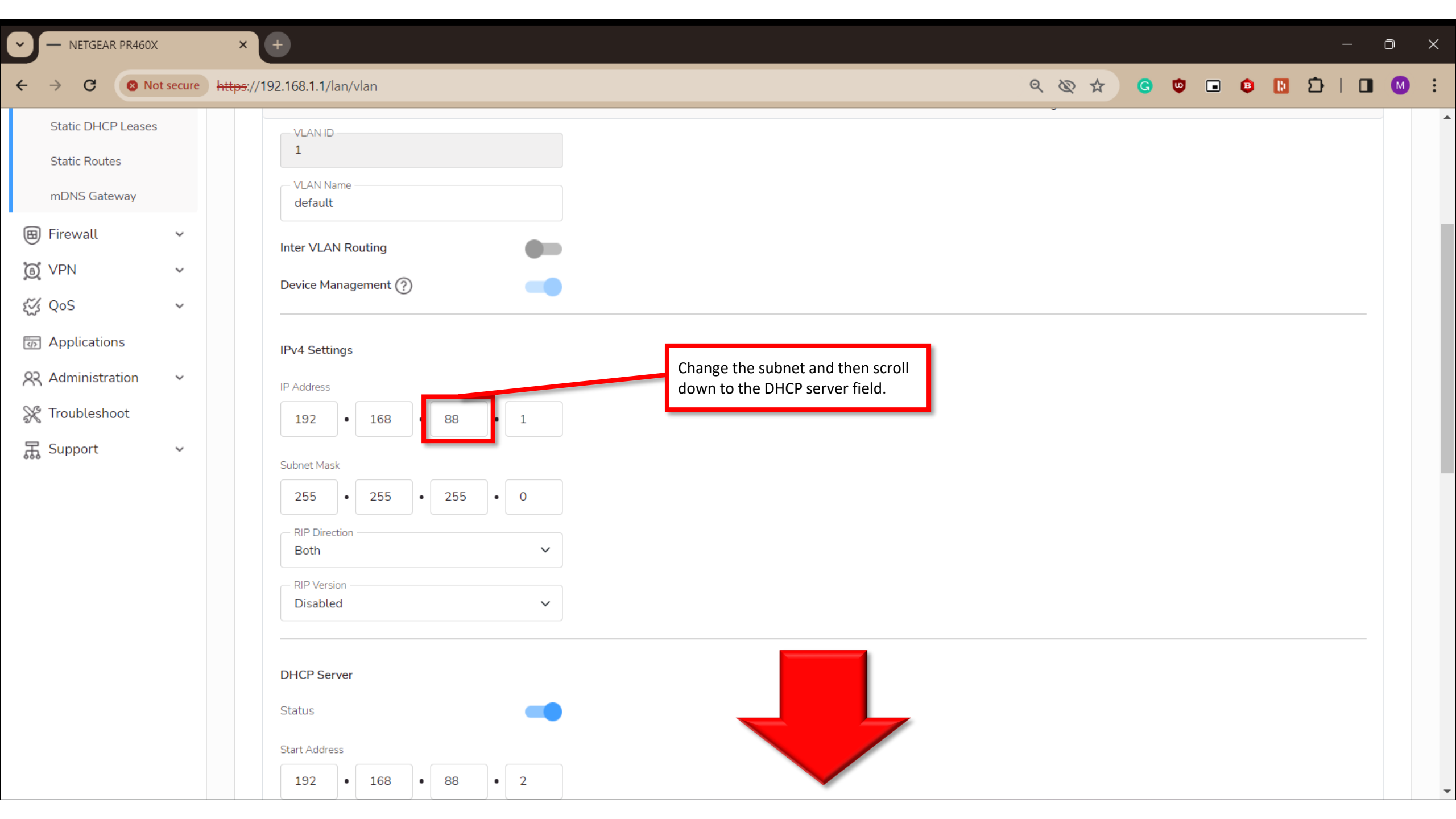
RIP Version
Disabled

DHCP Server

Status

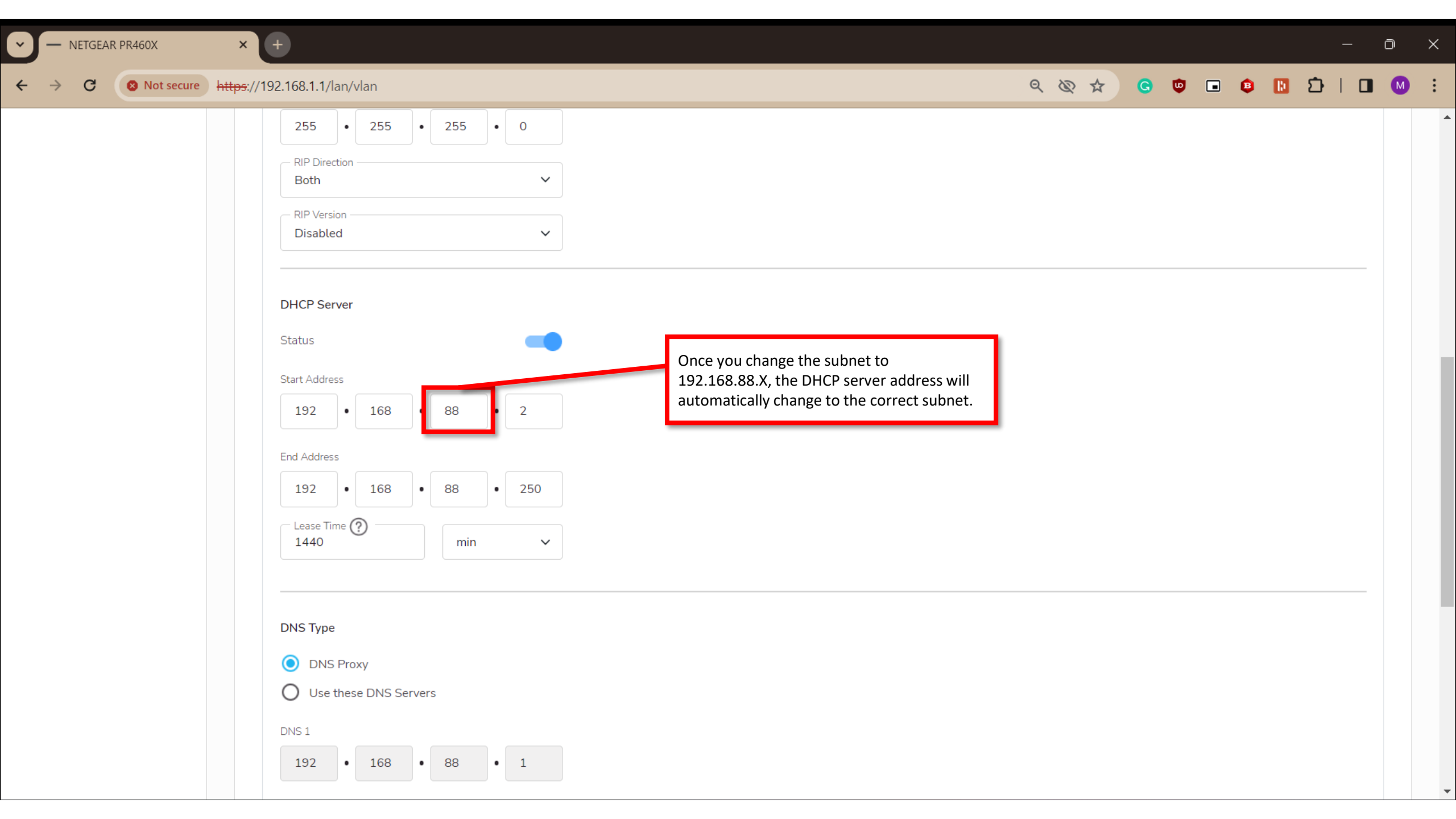
Start Address
192 • 168 • 1 • 2

We are going to change the subnet to 192.168.88.X.



Change the subnet and then scroll down to the DHCP server field.





Once you change the subnet to 192.168.88.X, the DHCP server address will automatically change to the correct subnet.

255 • 255 • 255 • 0

RIP Direction
Both

RIP Version
Disabled

DHCP Server

Status

Start Address
192 • 168 • 88 • 2

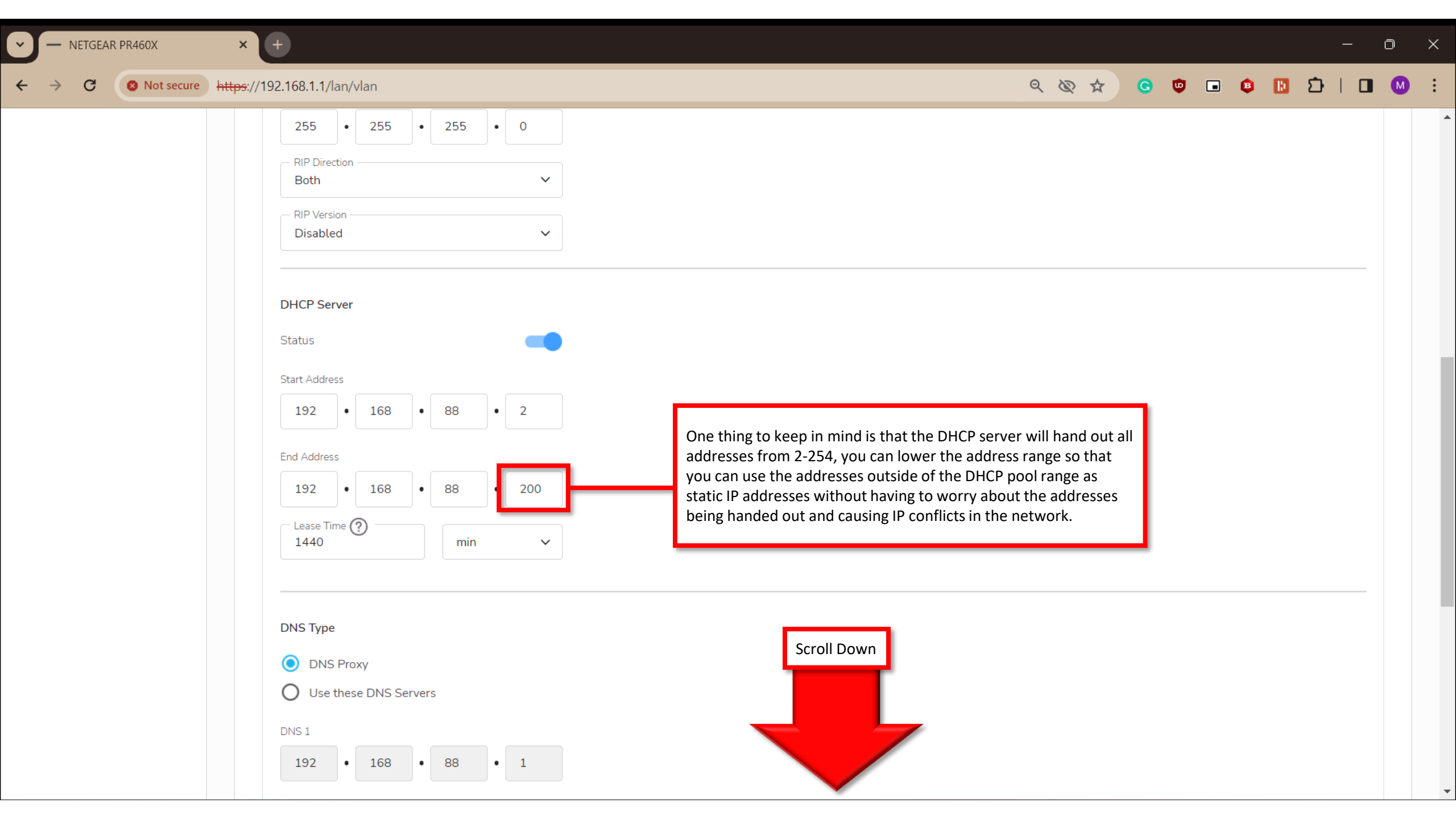
End Address
192 • 168 • 88 • 250

Lease Time

DNS Type

DNS Proxy
 Use these DNS Servers

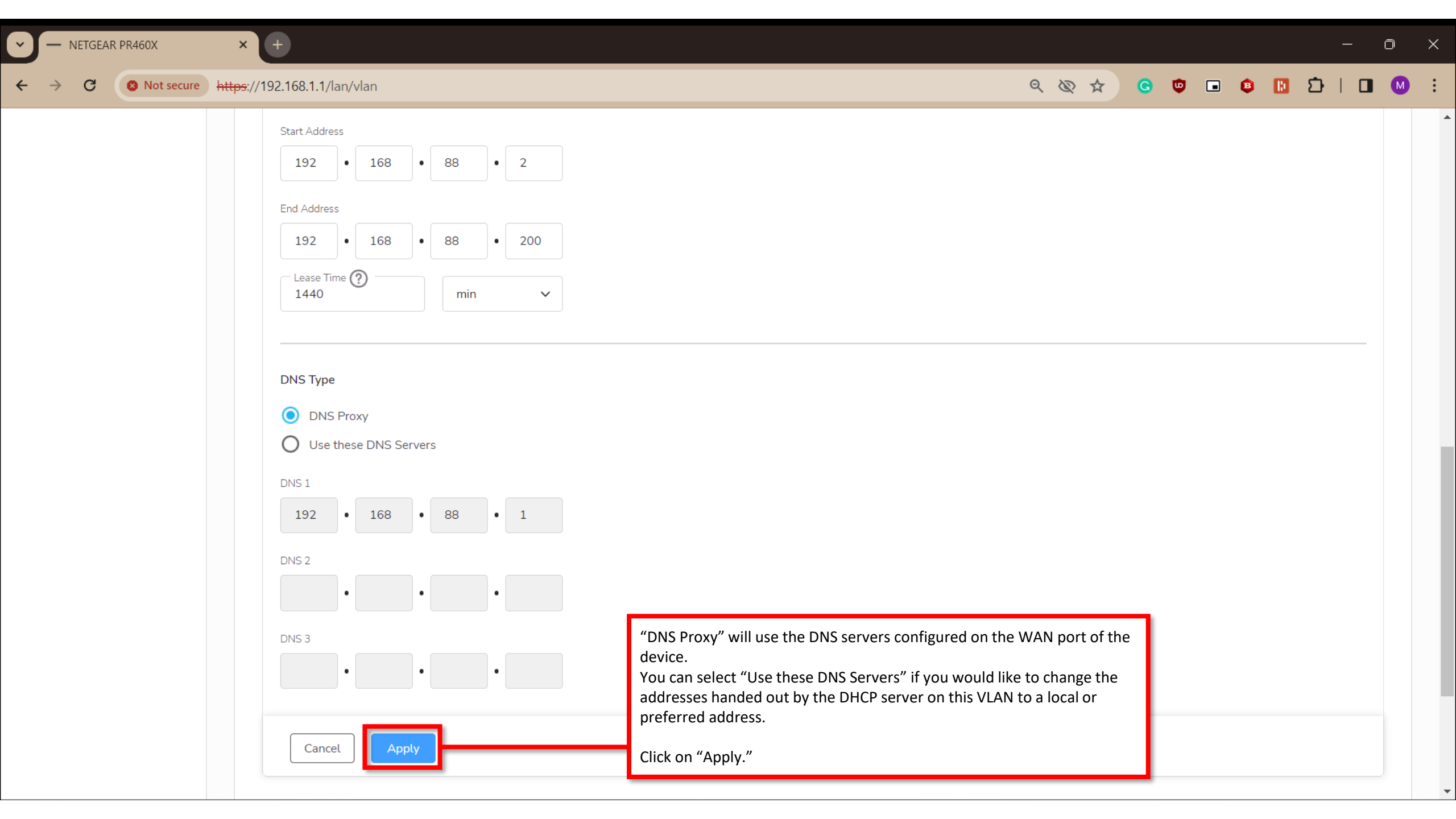
DNS 1
192 • 168 • 88 • 1



One thing to keep in mind is that the DHCP server will hand out all addresses from 2-254, you can lower the address range so that you can use the addresses outside of the DHCP pool range as static IP addresses without having to worry about the addresses being handed out and causing IP conflicts in the network.

Scroll Down





Start Address

192 • 168 • 88 • 2

End Address

192 • 168 • 88 • 200

Lease Time ?

1440 min

DNS Type

DNS Proxy

Use these DNS Servers

DNS 1

192 • 168 • 88 • 1

DNS 2

• • • •

DNS 3

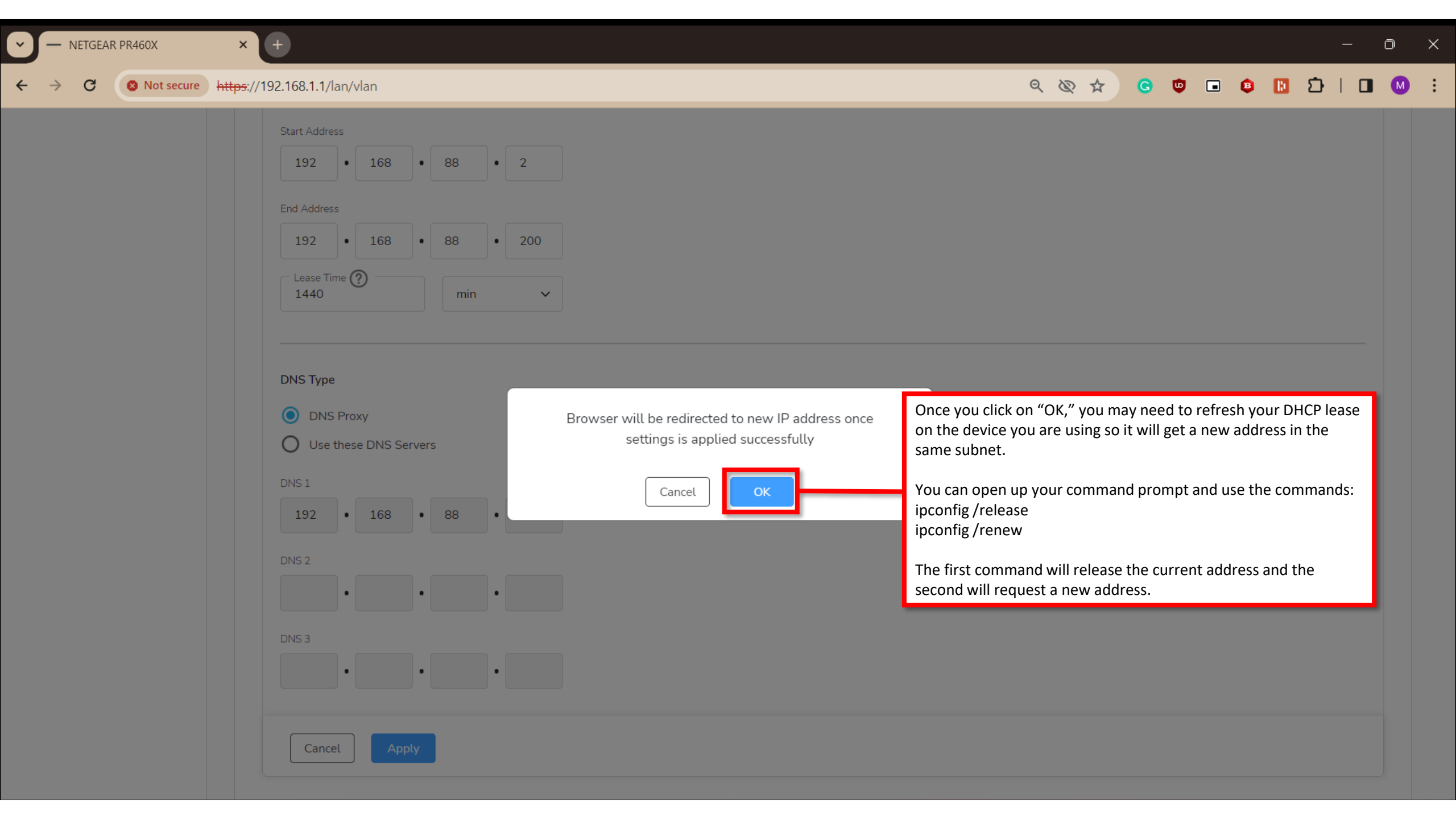
• • • •

Cancel

Apply

“DNS Proxy” will use the DNS servers configured on the WAN port of the device.
You can select “Use these DNS Servers” if you would like to change the addresses handed out by the DHCP server on this VLAN to a local or preferred address.

Click on “Apply.”



Browser will be redirected to new IP address once settings is applied successfully

Cancel

OK

Once you click on "OK," you may need to refresh your DHCP lease on the device you are using so it will get a new address in the same subnet.

You can open up your command prompt and use the commands:
`ipconfig /release`
`ipconfig /renew`

The first command will release the current address and the second will request a new address.

Start Address

192 • 168 • 88 • 2

End Address

192 • 168 • 88 • 200

Lease Time ?

1440

min



DNS Type

DNS Proxy

Use these DNS Servers

DNS 1

192 • 168 • 88 •

DNS 2

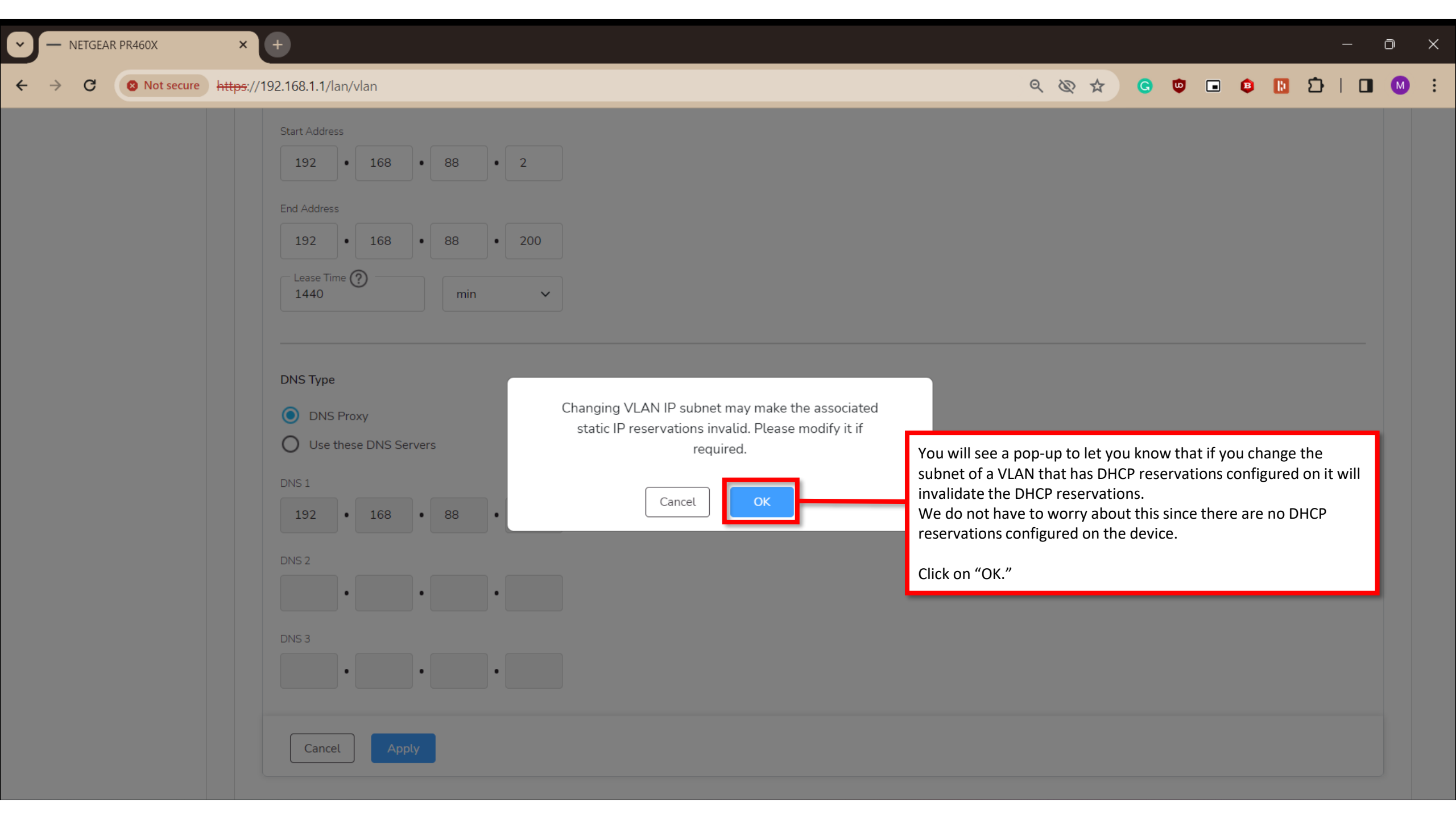
• • • •

DNS 3

• • • •

Cancel

Apply



Start Address

192 • 168 • 88 • 2

End Address

192 • 168 • 88 • 200

Lease Time ?

1440 min

DNS Type

DNS Proxy

Use these DNS Servers

DNS 1

192 • 168 • 88 •

DNS 2

• • • •

DNS 3

• • • •

Cancel

Apply

Changing VLAN IP subnet may make the associated static IP reservations invalid. Please modify it if required.

Cancel

OK

You will see a pop-up to let you know that if you change the subnet of a VLAN that has DHCP reservations configured on it will invalidate the DHCP reservations. We do not have to worry about this since there are no DHCP reservations configured on the device.

Click on "OK."

PR460X

If the page does not redirect you to the login screen, type in the new IP address of VLAN 1, in this case it is 192.168.88.1.

NETGEAR®

10G/Multi-Gigabit Dual WAN Pro Router
with Insight Cloud Management



Log In

Username
admin

Password
|

Log In

The router is now configured and ready to go with the new password and LAN subnet.

End

