commander

TP Link VX420 Modem Guide

Created: April 2023

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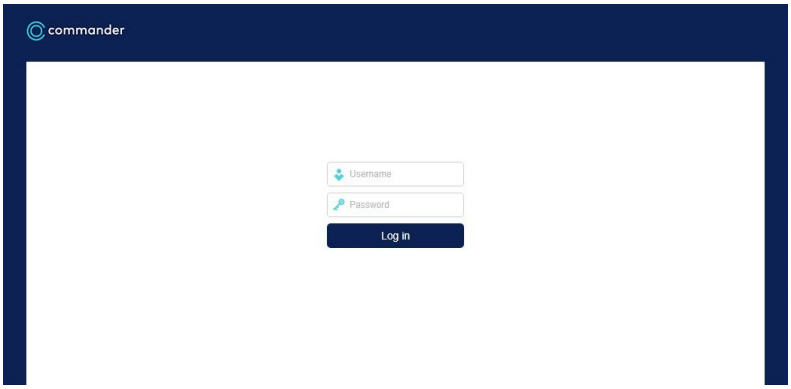
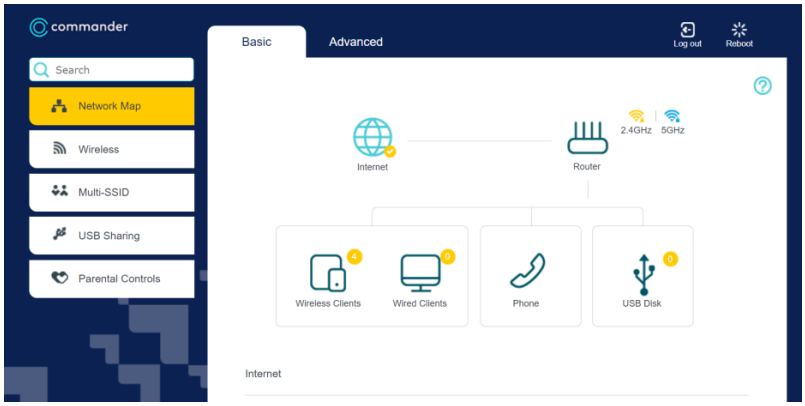
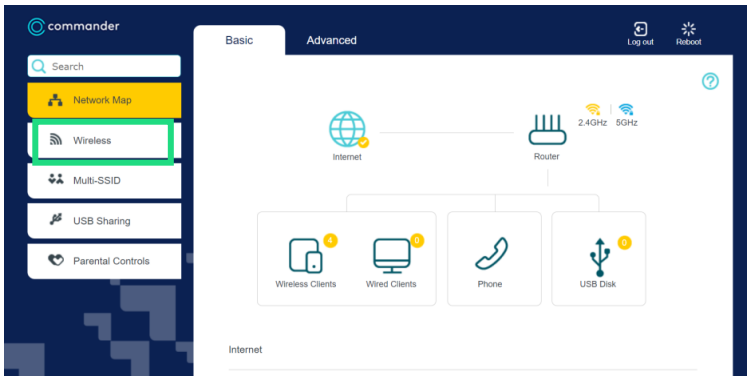
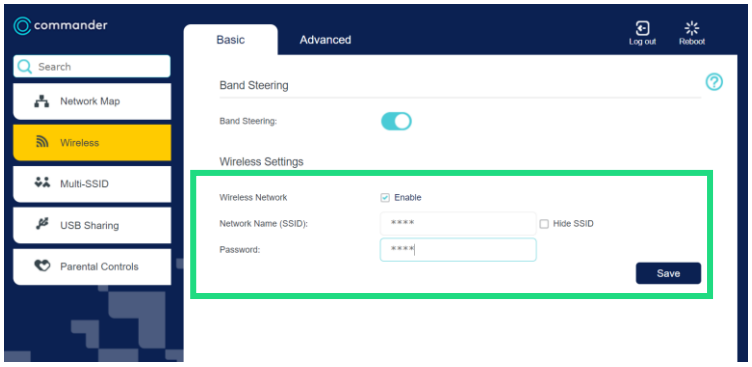
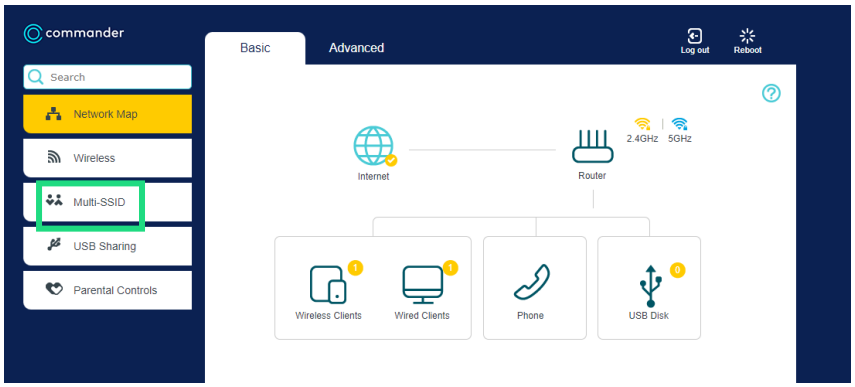
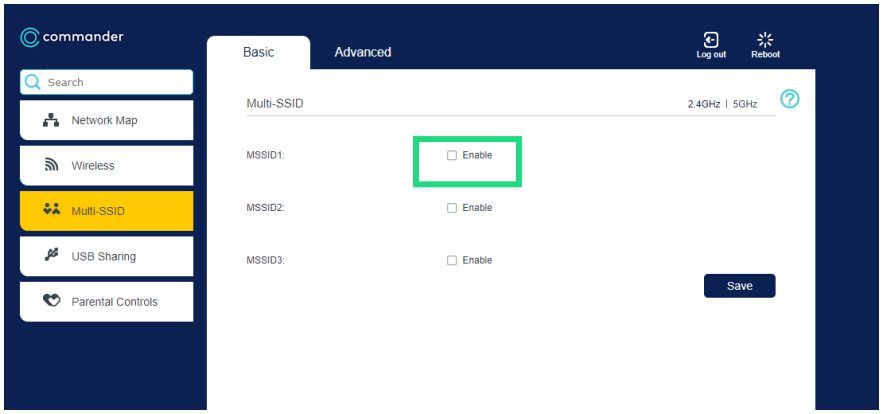
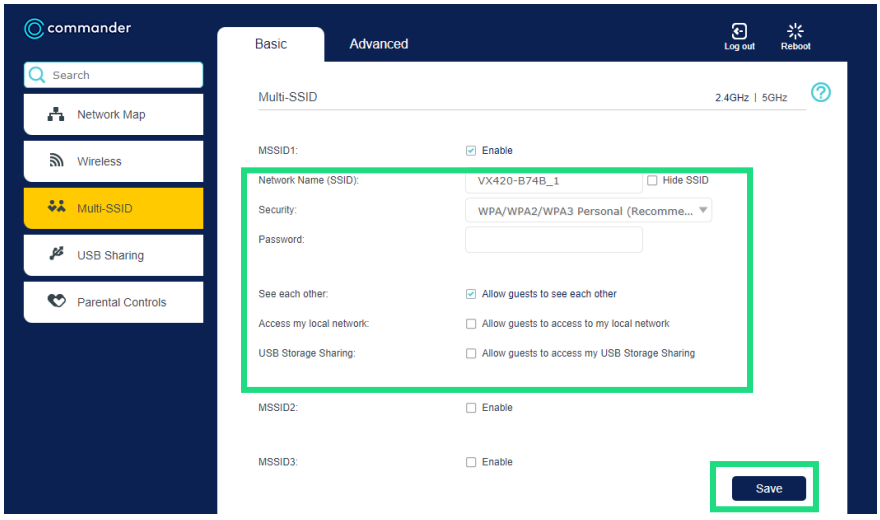
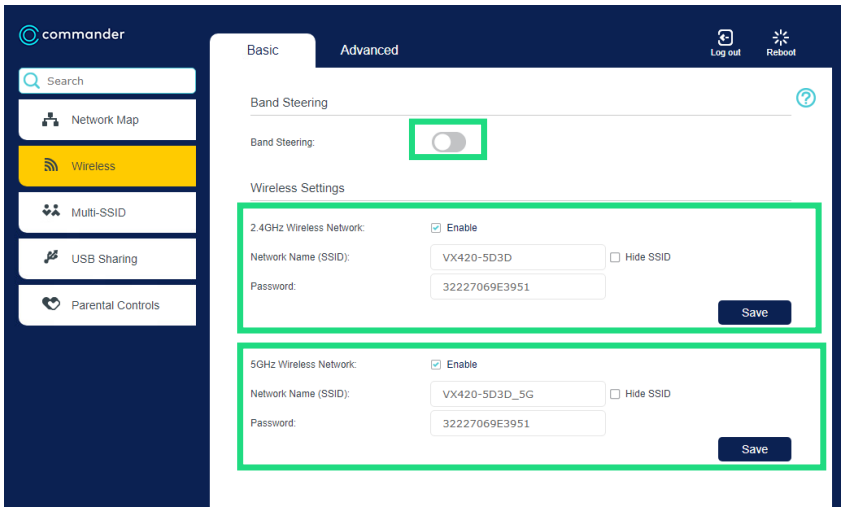
Login to Modem

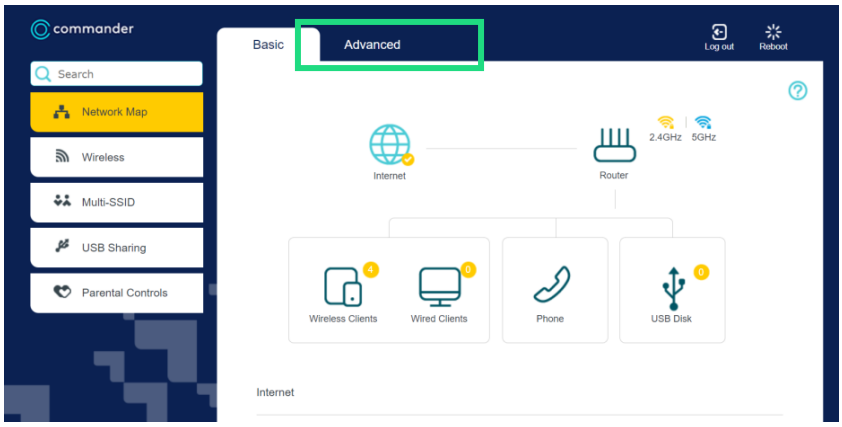
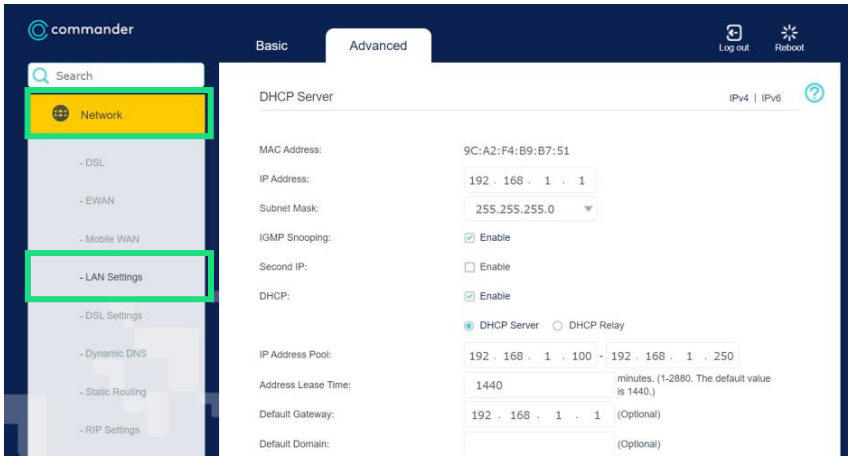
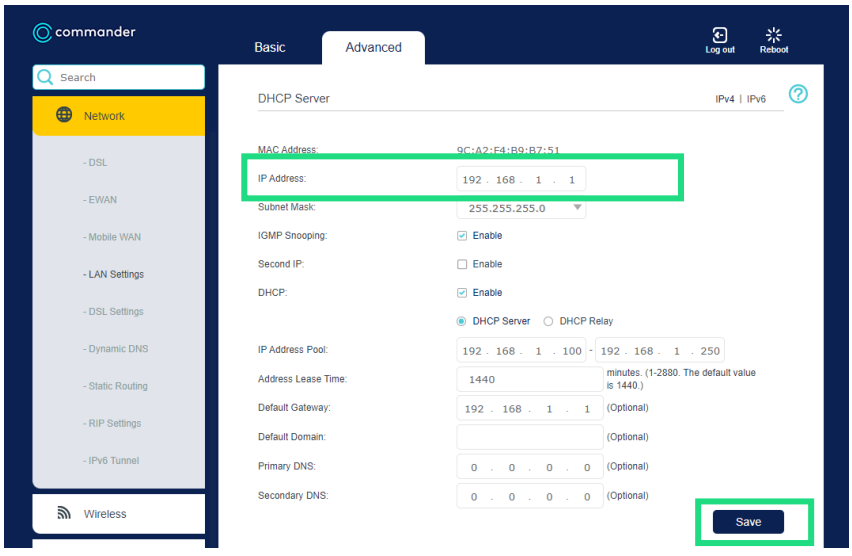
Open a web browser and go to default URL of https://192.168.1.1 You will then be presented with to Login screen. *(If you have changed the IP range you will need to use the new range)*	
Please enter the login credentials for the device **The default credentials are:** **username:** admin **password:** admin@VX420 Click on Log in. *(If you have changed the credentials you will need to use the new details)*	
You will be directed to the home page.	

Wi-Fi Setup

On the navigation menu on the left, click Wireless.	
If you would like to update the SSID and password, enter in new details and click Save.	 *If the Hide SSID is ticked, the network name will not be visible to any devices and will need to be manually configured to each device*
To add additional SSIDs click on Multi-SSID.	

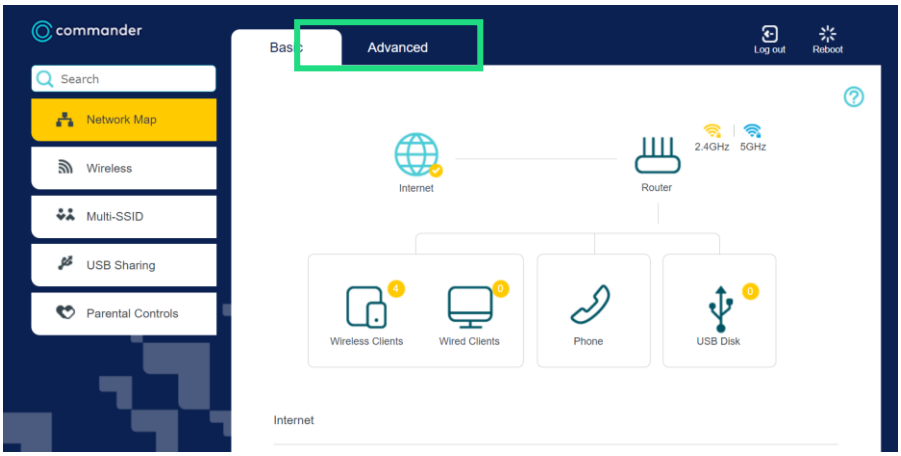
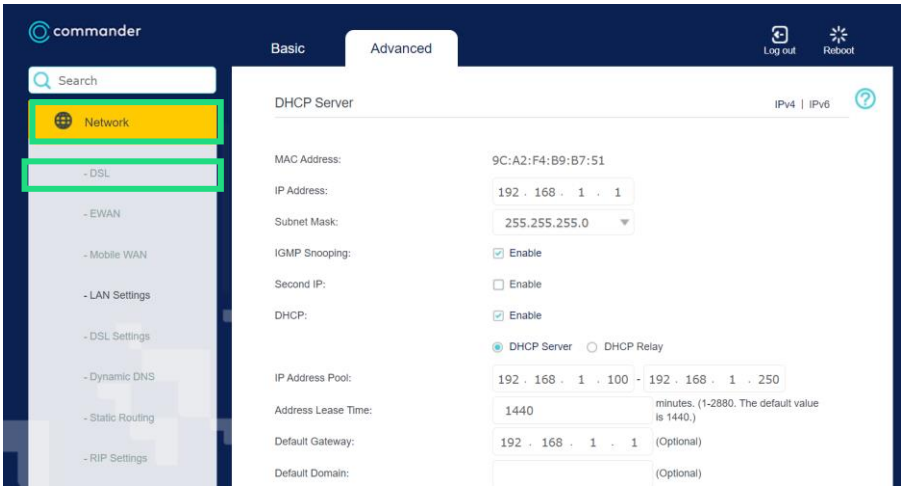
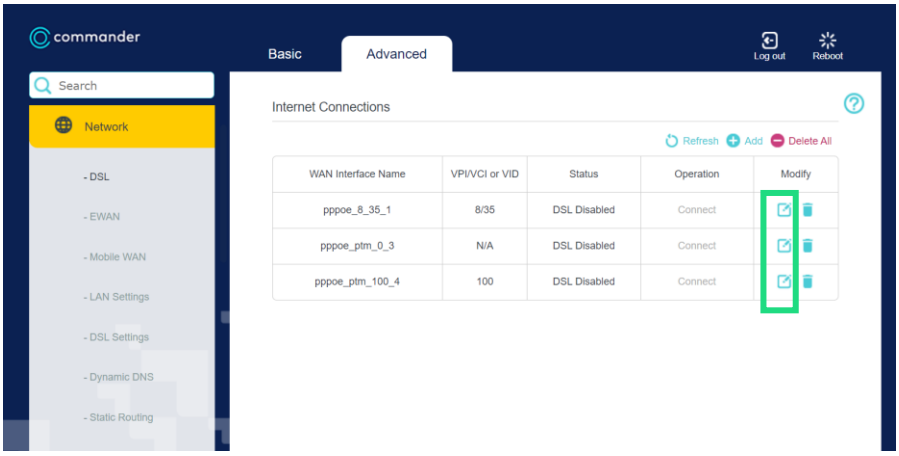
Tick the enable check box.	
We recommend that you enter the same settings as the original SSID, simply making changes to the Network Name (SSID) and Password. If the band steering has been disabled, you will need to choose between 2.4/.25Ghz networks. Click Save.	
To turn off band steering, toggle the switch to grey. You can select either 2.4Ghz or 5Ghz, enter in the details and click Save.	

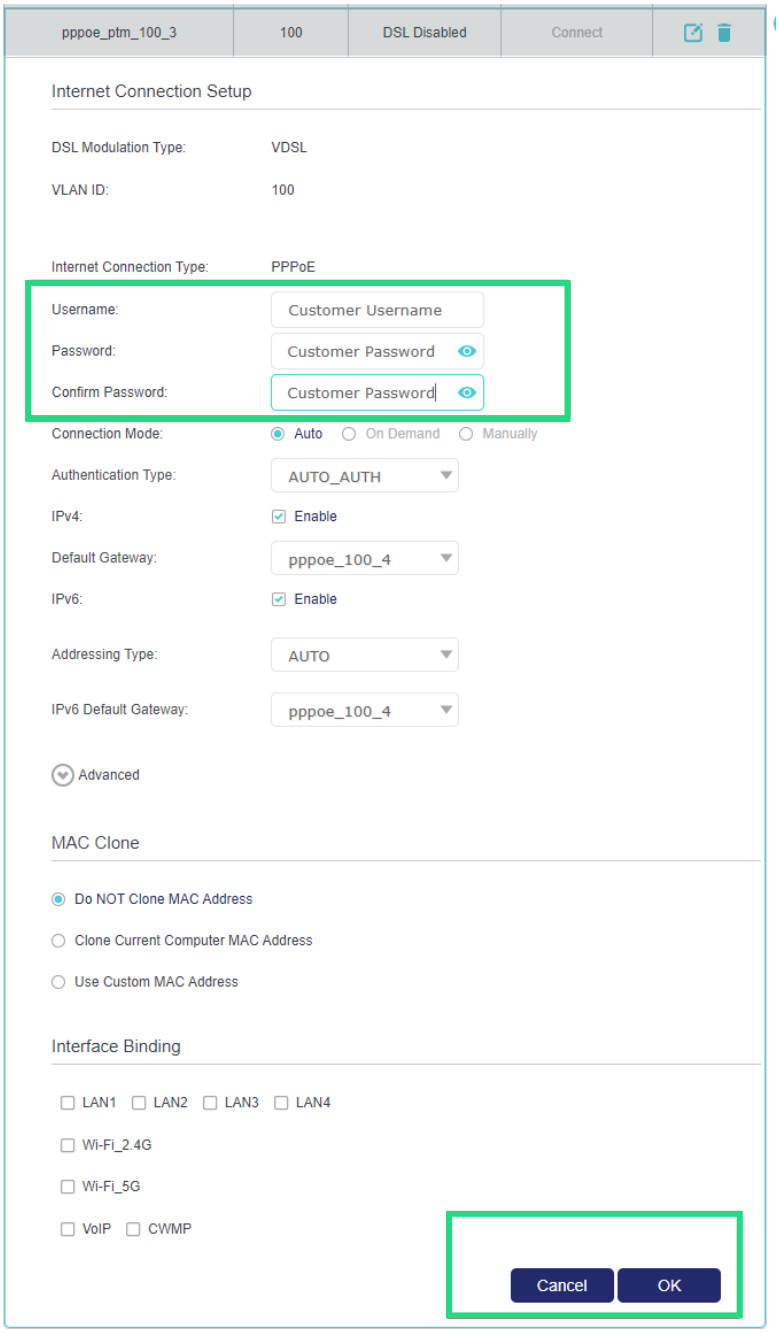
LAN Setup

Click on Advanced in the top tabs.	
On the navigation menu on the left select Network and then select LAN Settings.	
Update the IP address here, and then click on Save. *The below IP Address pool will auto adjust.*	

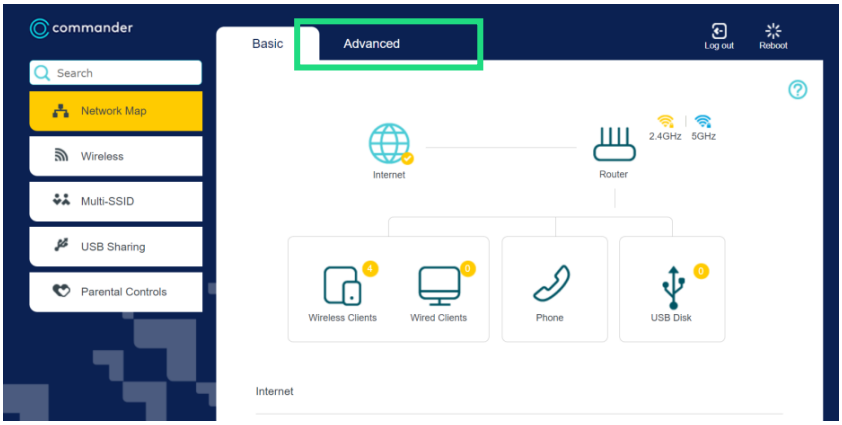
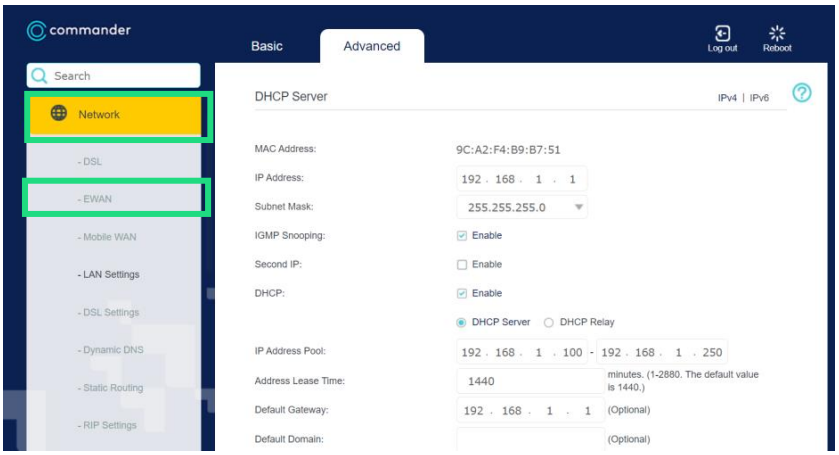
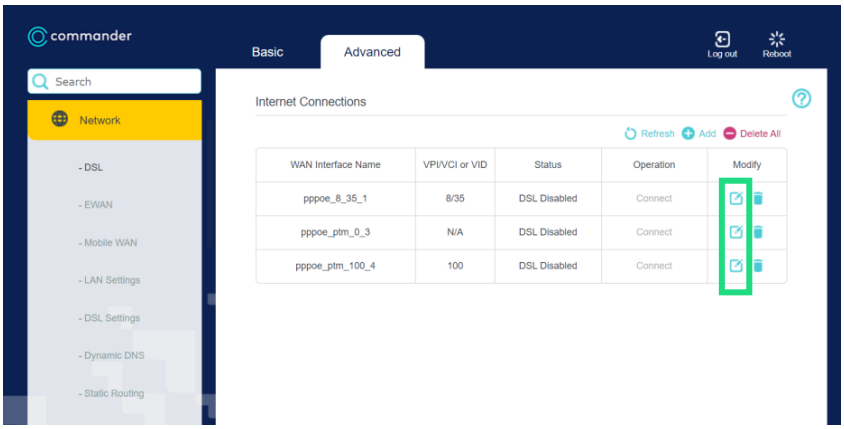
WAN Setup

DSL

Click on Advanced in the top tabs.	
On the navigation menu on the left select Network and then select DSL.	
On the right hand side, you will see the DSL diallers please click the notepad of the dialler you wish to change.	

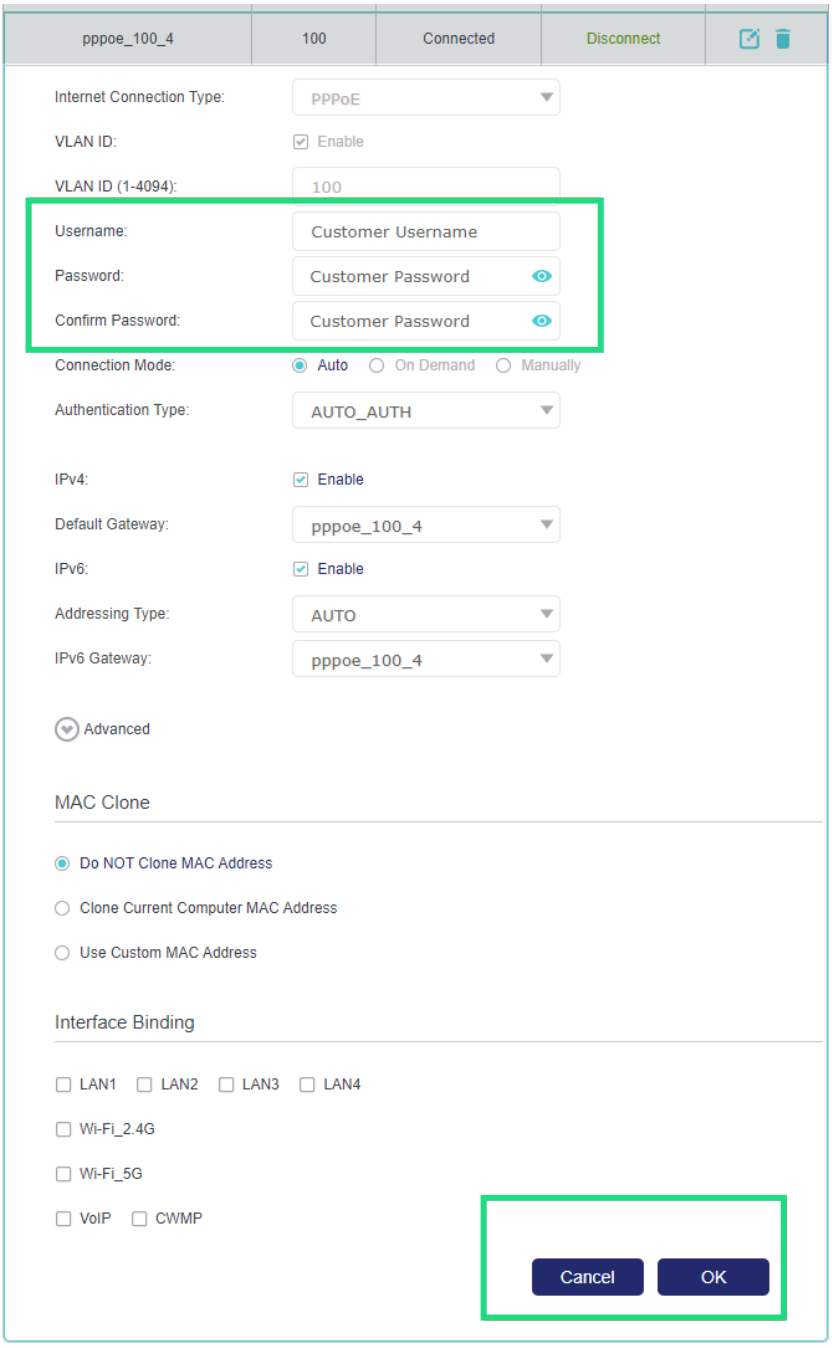
After selecting your dialler, edit the username and password Click OK to save any changes.	

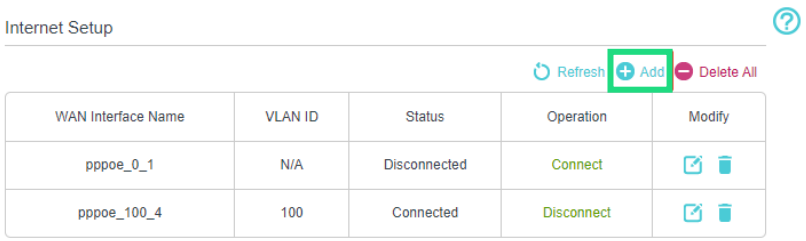
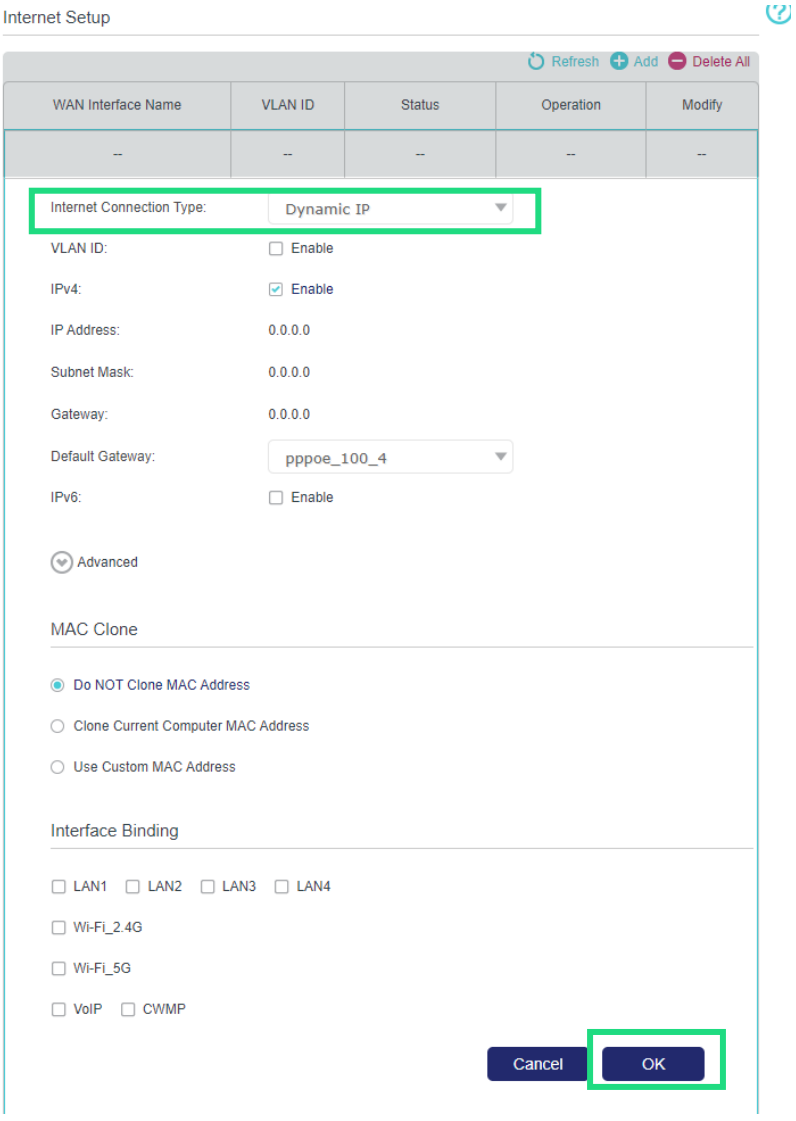
Ethernet

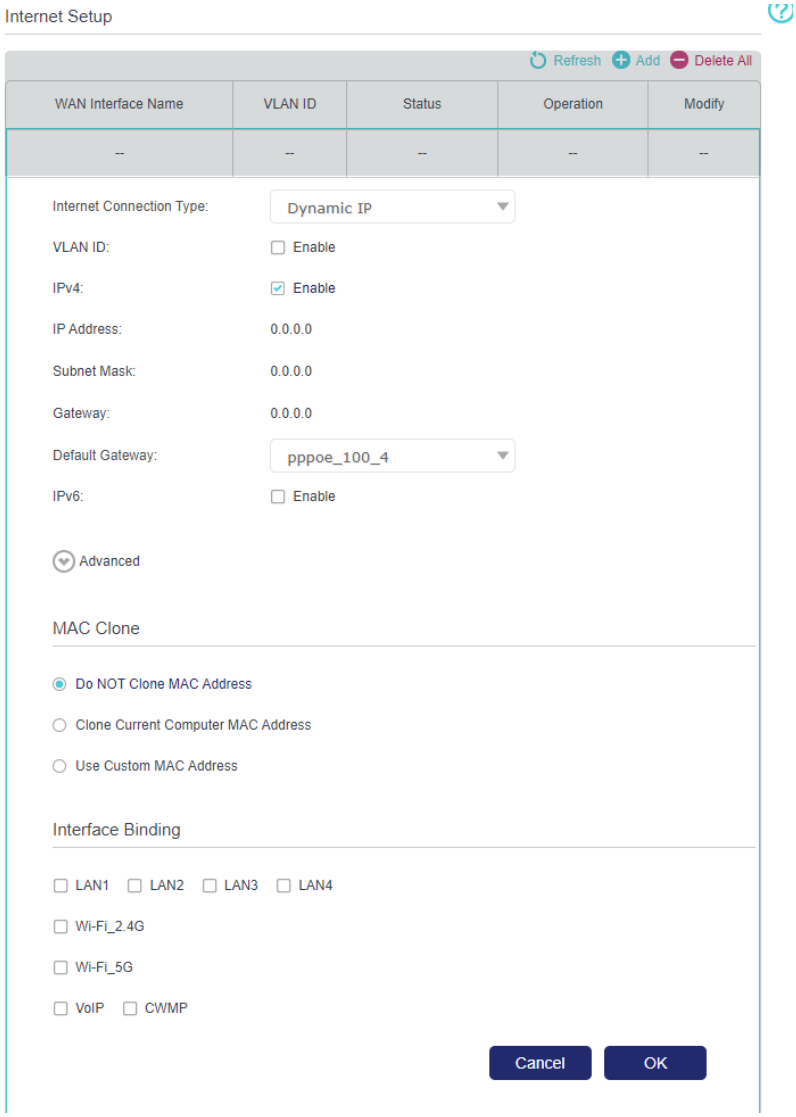
Click on Advanced in the top tabs.	
On the navigation menu on the left select Network and then select EWAN.	
On the right-hand side, you will see the WAN diallers please click the notepad of the dialler you wish to change.	

After selecting your dialler, edit the username and password
Click OK to save any changes.

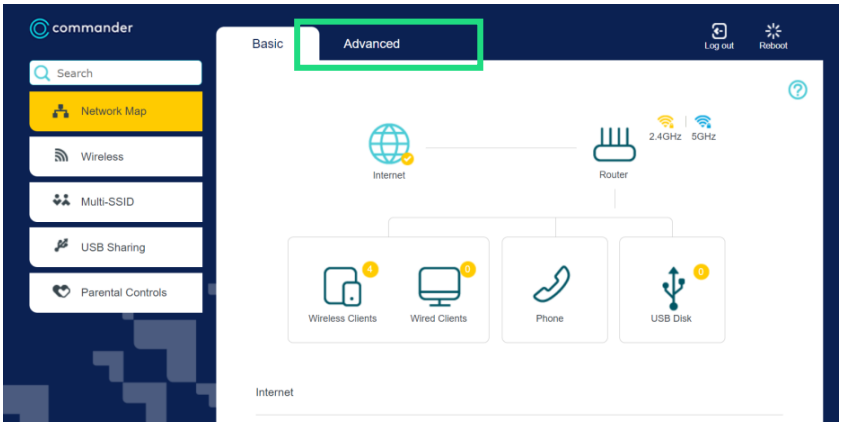
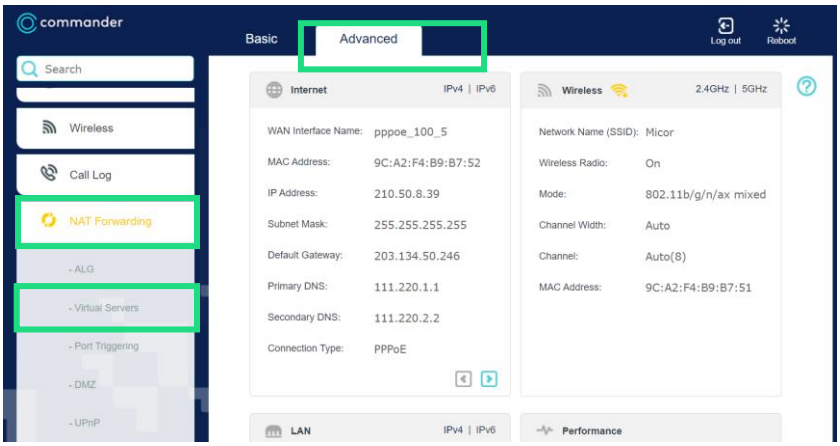
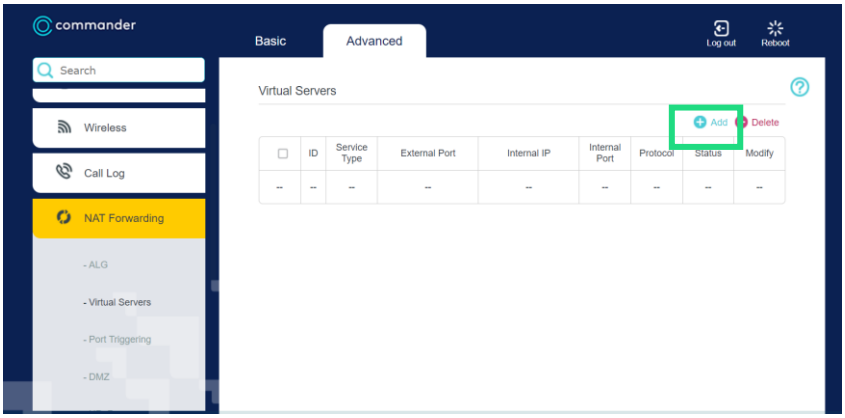
Please do not change anything else on the page.



To add a new WAN interface, click Add.	
Depending on the internet connection type (dropdown) Dynamic IP = Automatic IP e-WAN Static IP = Assigned IP e-WAN PPPOE= PPP Username & Password Bridge= Bridge connection **(DO NOT USE)** Click OK to save any changes.	

To update VLAN ID, click enable. *All Commander services are tagged VLAN100.*	

Port Forward Setup

Click on Advanced in the top tabs.	
On the navigation menu on the left select NAT Forwarding, then select Virtual Servers.	
To add a port forward click Add.	

Select the Interface Name from the dropdown
See Matrix below image

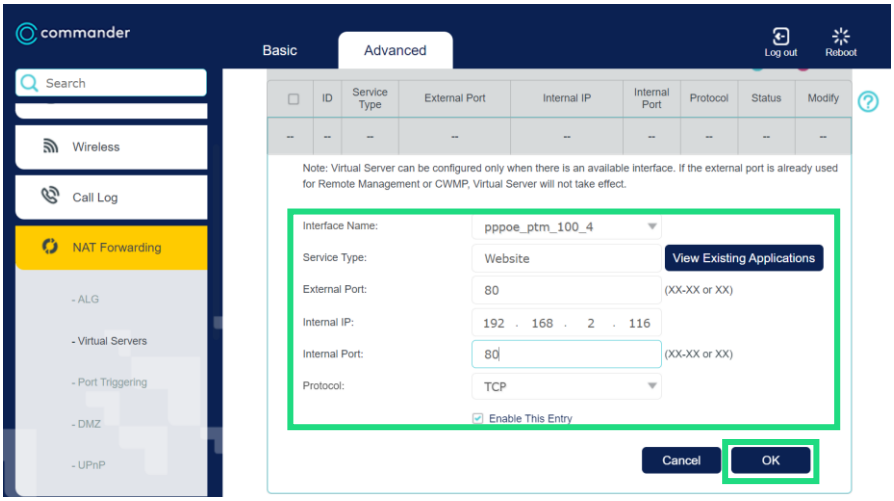
Enter the Application name, for example “Website” in the Service Type

Enter the WAN port number in the External port field

Enter the computer IP address in the Internal IP field

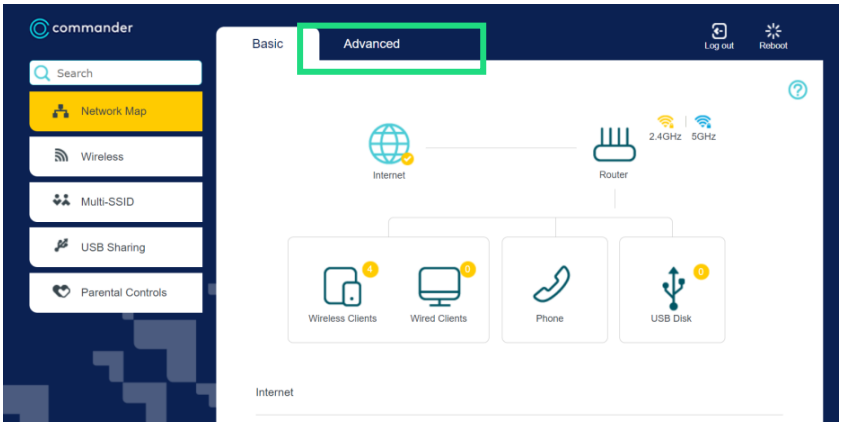
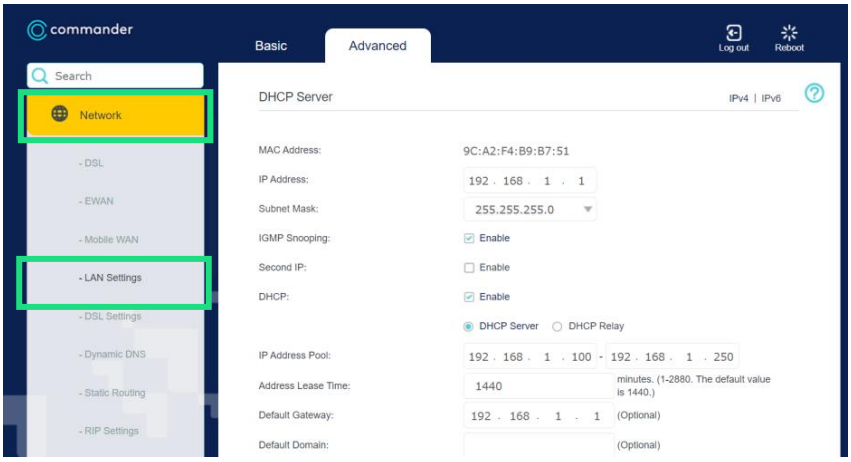
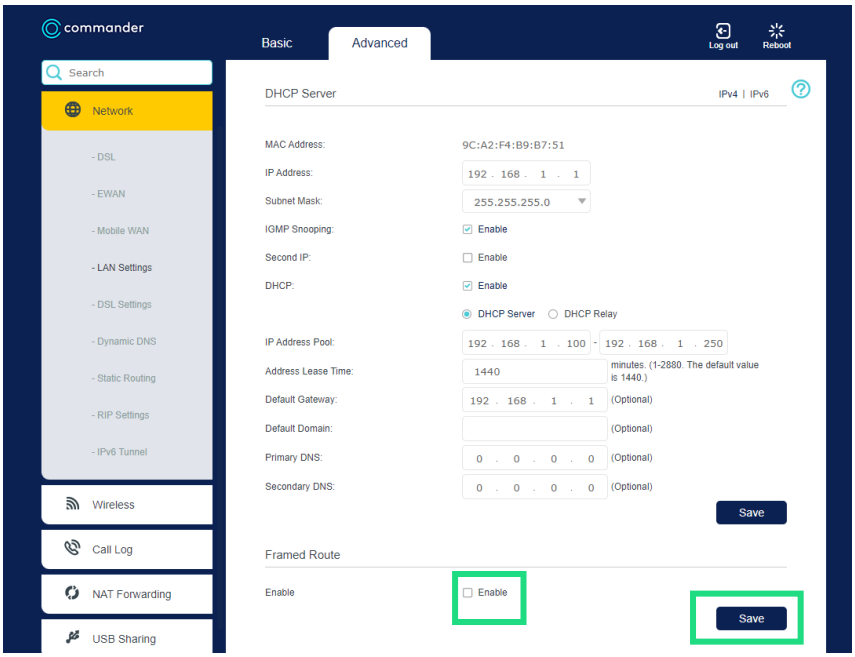
Enter the LAN port number in the Internal Port field

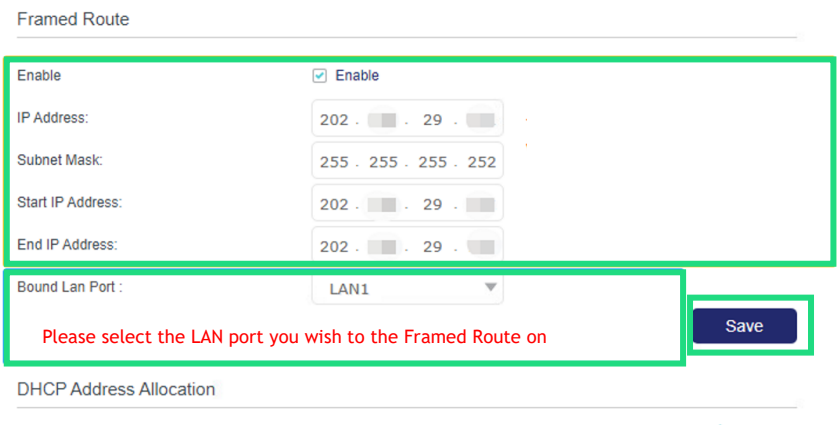
Click OK to save any changes.



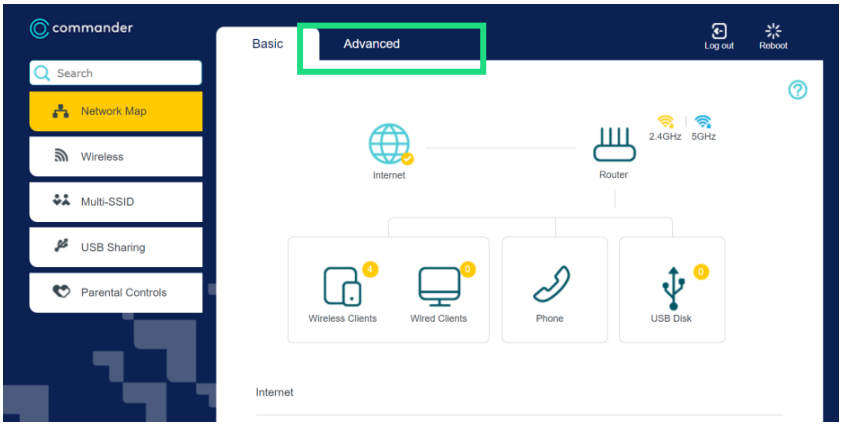
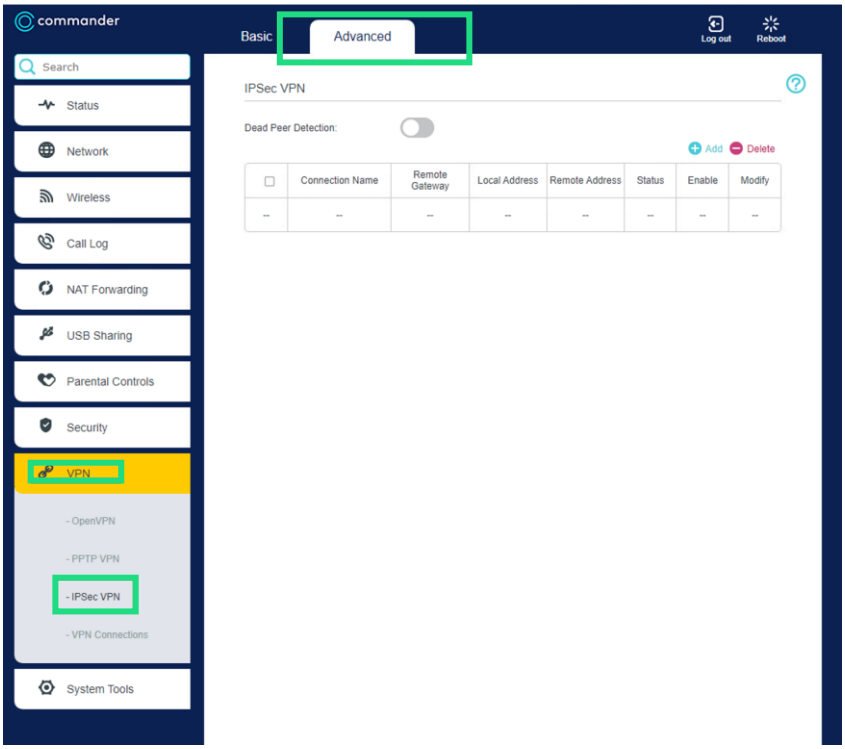
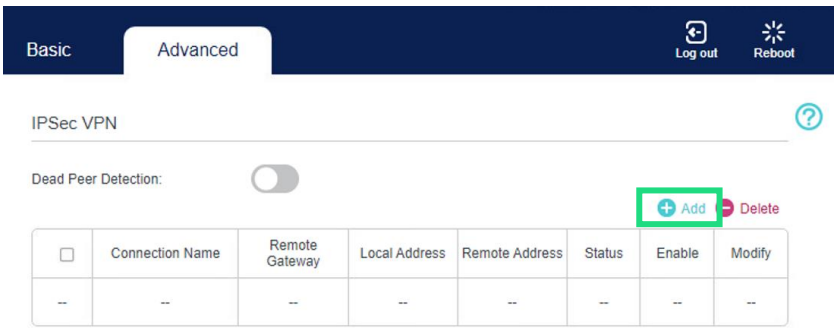
Interface Name	Used for
LTE	3G/4G
pppoe_8_35_1	ADSL
pppoe_ptm_100_4	VDSL tagged
ipoe_ptm_0_6_d	VDSL IPoE
pppoe_0_2	E-WAN Untagged
pppoe_100_5	E-WAN Tagged
ipoe_0_7_d	E-WAN IPoE

Framed Route Setup

Click on Advanced in the top tabs.	
On the navigation menu on the left select Network, then select Lan Settings.	
Check the enable box and click Save.	

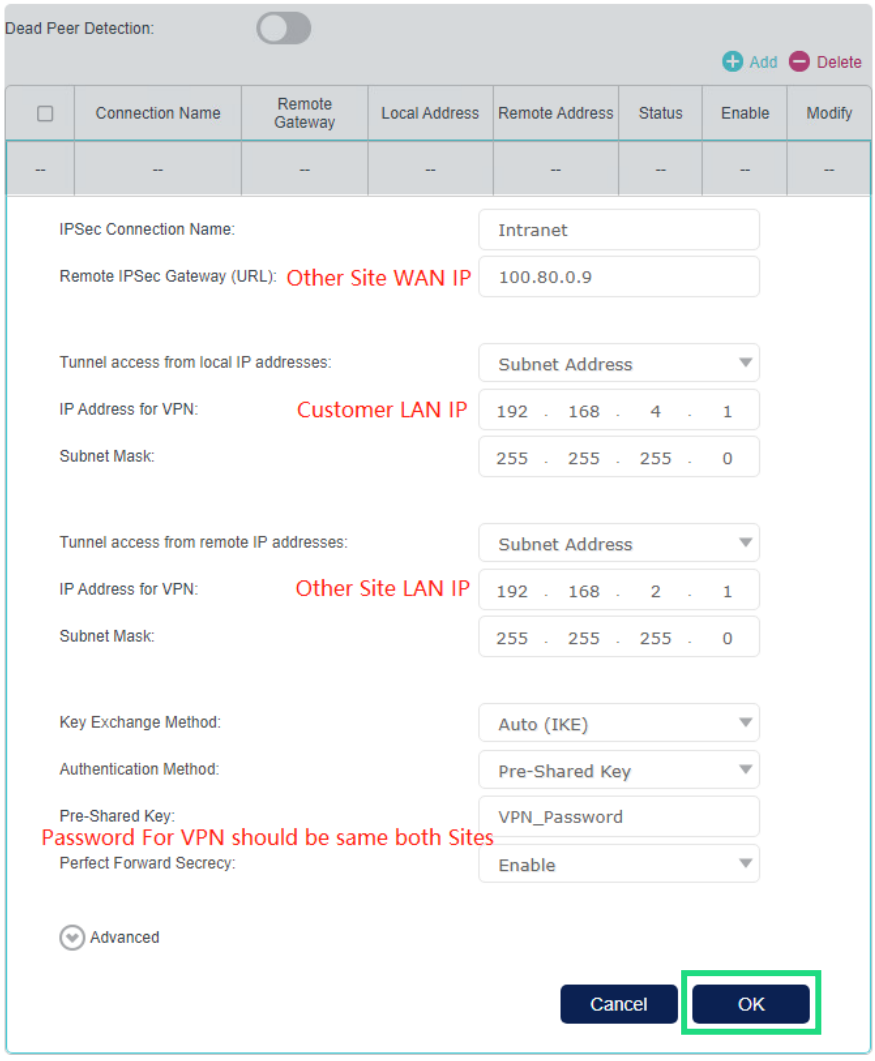
Enter in IP Address and the Subnet Mask details provided by Commander and click Save.	

IPSec VPN

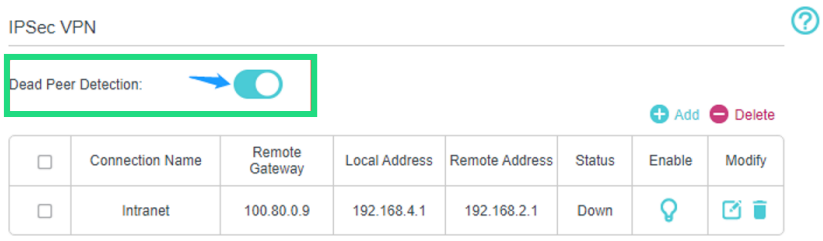
Click on Advanced in the top tabs.	
On the navigation menu on the left select VPN, then select IPSec.	
To setup an IPSec tunnel, click Add.	

Enter in the details, (example shown) and click OK.

Please note: The local address is the device you are configuring, and the remote address is the site you wish to access.



To toggle dead peer detection, click on the button shown.



The modem will automatically create the Access Control List (ACL) rule to allow the VPN to work once setup on both ends. The Status will change to "Online" and you will be able to ping the other LAN computer.

(You will not be able to ping the LAN gateway 192.168.2.1 when IP Sec is set up)

To delete the ACL rule you first select the VPN you wish to select and click Delete. We recommend you reboot the modem.	

Please note if you are configuring VX420 to VX420 you will need to do this on both devices' just changing around the LAN IP setting.

Support Contact Details

1300 364 598 Option 1, Option 3

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