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GETTING YOU CONNECTED

Configuration tips for your router on the
National Broadband Network (NBN)

USING IPV6 ON YOUR TELSTRA-SUPPLIED ROUTER

Thanks for choosing Telstra to provide your services on the NBN. Take a look through this PDF, as it'll help get your Telstra-supplied router connected in no time. Before you start, please note the Technicolor TG797 has IPv6 enabled by default, while the Netgear DEV2020 is disabled by default.

SOME THINGS TO NOTE

There may be instances where your LAN devices and servers do not support IPv6 prefixes. When this is the case, you may be required to disable IPv6 on your router.

If you have connectivity issues with IPv6 (with regards to LAN devices) you may need to disable the propagation of IPv6 from your gateway/router – prime examples would be hardware or software interoperability issues to do with IPv6.

To resolve this issue, disable IPv6 on your router – this ensures only IPv4 address are offered. Just follow the steps below to get started (please note these apply to standard and premium routers).

MAKING CHANGES TO THE TECHNICALOR TG797

1	If using Windows 7 , Telnet will need to be enabled. Simply: <ul style="list-style-type: none">• Navigate to the Control Panel• Open Programs and Features• Turn Windows features on or off
2	Scroll down until you find Telnet Client , enable it and click OK <ul style="list-style-type: none">• For Macs, Telnet comes as default option and ships with a client
3	Ensure you're connected to the gateway (Ethernet is recommended) <ul style="list-style-type: none">• In Windows, open a Command Window (Press Windows + R, type in cmd and click OK)• For Macs, open a Terminal

DISABLING IPV6 ON THE TECHNICALOR TG797

1	At the command prompt, type in: Telnet telstra.gateway	
2	Enter the following credentials: <ul style="list-style-type: none">• Login: admin• Default password is: <blank>	
3	At the <admin> prompt – as per above, type or copy and paste (right-click Paste) the following block directly: dhcp serverv6 config state=disabled dhcp clientv6 ifdetach intf=IPoEDSL dhcp clientv6 ifdetach intf=IPoEWAN dhcp clientv6 ifdetach intf=PPPoEDSL dhcp clientv6 ifdetach intf=PPPoEWAN ip ifconfig intf=LocalNetwork ipv6=disabled ip ifconfig intf=IPoEDSL ipv6=disabled ip ifconfig intf=IPoEWAN ipv6=disabled ppp ifdetach intf=PPPoEDSL ppp ifconfig intf=PPPoEDSL ipv6=disabled ppp ifattach intf=PPPoEDSL ppp ifdetach intf=PPPoEWAN ppp ifconfig intf=PPPoEWAN ipv6=disabled ppp ifattach intf=PPPoEWAN	
4	Type in saveall <ul style="list-style-type: none">• Ensure the saveall command is executed. Please note it may take a few minutes and it'll finish when the prompt is returned• IPv6 is now disabled for the Technicolor TG797• To log out, type in exit	

Top tip:

If your router is connected to the Telstra Business Broadband on the NBN service at the time of running these IPv6 disable scripts, you'll see this screen instead.

ENABLING IPV6 ON THE TECHNICOLOR TG797

Follow Steps 1 to 2, from page 2, and continue from Step 3.

- 3
- At the <admin> prompt, follow the previous steps and type or copy and paste (right-click + Paste) the following block directly:
- dhcp serverv6 config state=enabled
dhcp clientv6 ifattach intf=IPoEDSL
dhcp clientv6 ifattach intf=IPoEWAN
dhcp clientv6 ifattach intf=PPPoEDSL
dhcp clientv6 ifattach intf=PPPoEWAN
- ip ifconfig intf=LocalNetwork ipv6=enabled
ip ifconfig intf=IPoEDSL ipv6=enabled
ip ifconfig intf=IPoEWAN ipv6=enabled
- ppp ifdetach intf=PPPoEDSL
ppp ifconfig intf=PPPoEDSL ipv6=enabled
ppp ifattach intf=PPPoEDSL
ppp ifdetach intf=PPPoEWAN
ppp ifconfig intf=PPPoEWAN ipv6=enabled
ppp ifattach intf=PPPoEWAN
- 4
- Type in **saveall**
- Ensure the saveall command is executed. Please note it may take a few minutes and it'll finish when the prompt is returned
 - IPv6 is now disabled for the Technicolor TG797
 - To log out, type in: exit



ENABLING AND DISABLING IPV6 ON NETGEAR DEVG2020V

Follow the same step for both disabling and enabling IPv6 (e.g. Step 1 and 2) choose the required option from Step 3 – choose **Disable** or **DHCP**.

- 1
- Ensure you're connected to the gateway.
Open a browser and navigate to:

<http://telstra.gateway>

Login: **admin**
Default Password is: **telstra**

After logging in, you will be presented with this homepage:
- 2
- Click the tab **Advanced**, select **Advanced Setup**, then **IPv6**
- 3
- From the dropdown box **Internet Connection Type**, select **Disable** or **DHCP**
- 4
- Click **Apply** to perform the required update

