

Enabling port mirroring on Technicolor TG588/DGA122

Please note the DGA122 is being phased out and replaced by the DGA122 - please speak to the Service Desk for details on this process. See the Gamma Portal - digital Customer Service Plan for contact details.

Sometimes it's useful to be able to monitor traffic on an Ethernet port of the TG582n (e.g. the attached device is a VoIP phone and one can't run Wireshark on it).

Many of the Technicolor routers (including the TG582N) have the useful facility to take the traffic flowing on one Ethernet port and monitor it on another Ethernet port. The CLI commands needed are:

Step 1

Declare the port to send the monitor traffic to. In this example, it will be sent to port 2:

```
:eth switch mirror capture port=2
```

Step 2

Now declare which traffic on which port to monitor. In this example, we'll monitor inbound and outbound traffic on port 4:

```
:eth switch mirror ingress port=4 state=enabled
```

```
:eth switch mirror egress port=4 state=enabled
```

Step 3

It is still possible to use the capture port (port 2 in the above example) as a normal Ethernet port, just that Wireshark (or similar) will see both normal traffic and the monitor traffic - so get your capture/display filters sorted out.

It doesn't seem possible to discover the current settings of the monitor, so when finished it might be best to issue:

```
:eth switch mirror ingress port=4 state=disabled
```

```
:eth switch mirror egress port=4 state=disabled
```

For information on how to switch off SIP ALG on a Technicolor Router using telnet please see the corresponding section in this document