

Cerberus NetSTATS

SNMP Configuration Guide – Speedtouch

The following details the steps you need to make your router ready for use with the Cerberus NetSTATS broadband monitoring service.

It is recommended that you connect your computer directly to the device to make the configuration changes. This may require you to change the IP address of your computer to be able to contact the router on its management IP. Please review configuration support documentation for your own operating system on how to do this.

Once connected to the router follow the steps below. The lines of configuration you need to add are as follows for **NAT** or **bridged** (depending on your requirements. Edit the text in a text editor to replace the text in blue with your own values as appropriate before you use it in the steps below.

NAT Configuration

```
:system config upnp=disabled
:service system ifadd name=PING_RESPONDER group=wan
:service system ifadd name=TELNET group=wan
:service system ifadd name=HTTPs group=wan
:service system ifadd name=HTTP group=wan
:service system ifadd name=SNMP_AGENT group=wan
:mlp role addpriv name=Administrator access=anyaccess service=anyservice
:ids config state=disabled
:service system modify name=SNMP_AGENT state=enabled log=disabled
:snmp community add securityname=ROCommunity communityname=ENTER YOUR SNMP COMMUNITY HERE
:connection bind application LOOSE(UDP) port 161
:firewall config state disabled
:system config digestauth=disabled
:user config name=Administrator password=ENTER YOUR PASSWORD HERE
:saveall
:exit
```

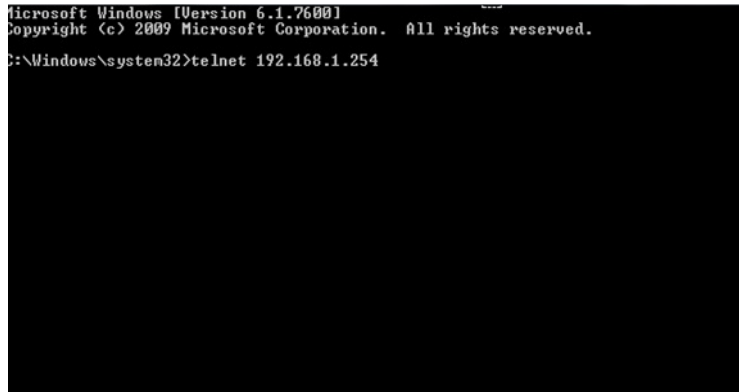
Bridge Configuration

```
:eth bridge config filter=none
:ip ipadd intf=LocalNetwork addr=ENTER YOUR IP ADDRESS HERE/ENTER YOUR SUBNET MASK HERE
addroute=enabled
:ip rtadd dst=0.0.0.0 dstmsk=0.0.0.0 gateway= ENTER YOUR GATEWAY ADDRESS HERE
:system config upnp=disabled
:service system ifadd name=PING_RESPONDER group=wan
:service system ifadd name=TELNET group=wan
:service system ifadd name=HTTPs group=wan
:service system ifadd name=HTTP group=wan
:service system ifadd name=SNMP_AGENT group=wan
:mlp role addpriv name=Administrator access=anyaccess service=anyservice
:ids config state=disabled
:service system modify name=SNMP_AGENT state=enabled
:snmp community add securityname=ROCommunity communityname= ENTER YOUR SNMP COMMUNITY HERE
:firewall config state disabled
:system config digestauth=disabled
:connection bind application LOOSE(UDP) port 161
:user config name=Administrator password= ENTER YOUR PASSWORD HERE
:saveall
:exit
```

1. Open the Windows command prompt. You can do this by clicking on **Start**, then **Run** and type in *cmd* and then press enter, a black window will appear. When the black window appears please type

```
telnet 192.168.1.254
```

and then please press enter. Note if you have changed the LAN IP of your router, please substitute the new IP in place of 192.168.1.254 above.



```
Microsoft Windows [Version 6.1.7600]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Windows\system32>telnet 192.168.1.254
```

2. You will see the login prompt below. Enter the details as follows

```
Username: Administrator
Password: Leave the password blank
```

Note if you have changed the Administrator password of your router, please enter it.

3. Once you are logged into the telnet console copy the text provided with this guide for the **NAT** or **Bridged** configuration (depending on which is suitable for your connection), into the clipboard and paste it into the telnet console by right-clicking the mouse and choosing **Paste**.

You should then see the text from the document appear in the telnet screen similar to the picture below. The last command (exit) will close the session to the router. You can then close the command window.



```
Username : Administrator
Password :
-----
SpeedTouch 780
6.1.4.3
Copyright (c) 1999-2006, THOMSON

-----
<Administrator>=:system config upnp=disabled
<Administrator>=:service system ifadd name=PING_RESPONDER group=wan
Failed to add interface group to service access list.
<Administrator>=:service system ifadd name=TELNET group=wan
Failed to add interface group to service access list.
<Administrator>=:service system ifadd name=HTTPS group=wan
Failed to add interface group to service access list.
<Administrator>=:service system ifadd name=HTTP group=wan
<Administrator>=:service system ifadd name=SNMP_AGENT group=wan
<Administrator>=:snmp role addpriv name=Administrator access=anyaccess service=
anysevice
Privilege combination already assigned to this role.
<Administrator>=:ide config state=disabled
<Administrator>=:service system modify name=SNMP_AGENT state=enabled log=disab
led
<Administrator>=:snmp community add securityname=ROCommunity communityname="En
ter SNMP here"
<Administrator>=:connection bind application LOOSE<UDP> port 161
<Administrator>=:firewall config state disabled
<Administrator>=:system config digestauth=disabled
<Administrator>=:user config name=Administrator password="Enter password here"
<Administrator>=:saveall
<Administrator>=:exit
```

Should you have any queries on how to carry out these procedures, please contact our support team on 0845 257 1335 or via email at support@cerberusnetworks.co.uk.