

## Chapter Five (h): Controlling Masquerading through Private Addresses & Firewall Settings

### Summary of Chapter:

- 🔑 How to control masquerading (NAT-ing) through private addresses and firewall settings.

### What you need:

- 🔑 Knowledge of Admin user account and valid password for your NetPilot.
- 🔑 A PoP code. You can purchase your PoP from the following address:  
<http://www.equinet.com/ordering/default.asp>

### Software Revision Required:

- 🔑 Applicable to software revision 5.2.0 > NetPilots

### Private Addresses:

- 🔑 Log on to the NetPilot as shown in Chapter One (b).
- 🔑 From the left-hand side of the screen, select 'Network' and then 'Private Addresses'. (All links are highlighted below).



- 🔑 You will be presented with the screen above:

🔑 In the 'Private Addresses' section IP Addresses have been included that can be used for your private network. The NetPilot needs to know which addresses are private in order to know if it should masquerade them or not, when communicating between LAN segments or via the Internet.

🔑 You can add more address ranges, by selecting the 'Add' button and entering the relevant details of the range.

🔑 Or you can edit the address ranges that have already been added as default, to give them a more specific range. To do this highlight the range you want to edit and select the 'Edit' button.

🔑 If you want to masquerade across private networks, you will need to remove the specific range from the 'Private addresses'.



As default masquerading is automatic.



Information

Enter the address ranges you don't want to be masqueraded  
Delete the address ranges you do want to be masqueraded, by highlighting the range and selecting the 'Delete' button.



Warning

However, the correct thing to do would be to not use public addresses on your private LAN. We at Equinnet recommend leaving this section alone, unless the administrator is sure of what they want to achieve.



Warning

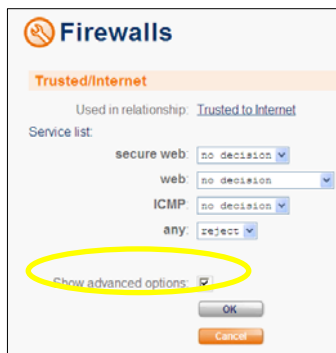
### Controlling Masquerading:

👤 From the left-hand side of the screen, select 'Firewall' and then 'Firewall Overview'. (All links are highlighted below).



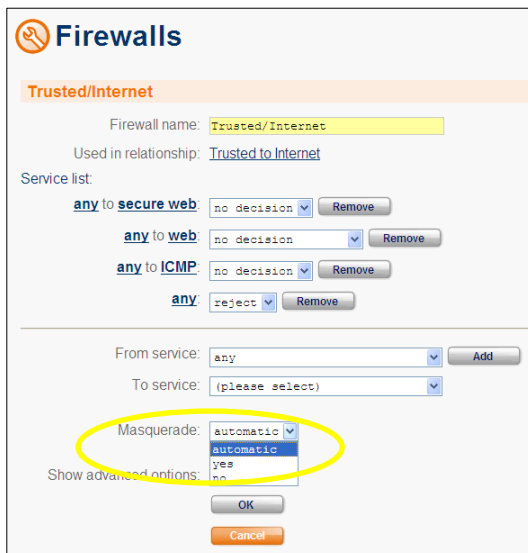
👤 Select the 'Trusted/Internet' link from the table, as highlighted.

👤 You will see the screen below:



👤 Tick the 'Show Advanced options' box and select 'OK'.

👤 You will see a similar screen as below:



👤 Select the option you want from the Masquerade drop down list, as highlighted left.

👤 Select 'OK' and 'OK' again.



Information

Private Addresses are only used when automatic is selected from the drop down list.