

NetPilot Quick Start Guide

Multiple WAN IP Addresses

Rev 1.0 – 15th April 2011

Introduction

The Multiple WAN IP address feature allows you to bind multiple IP addresses to the same physical interface on your NetPilot device. This is most commonly used when an ISP assigns a block of addresses, and the end user would like a number of these addresses forwarded to different servers on the LAN. Packets destined for each additional IP address are processed by a dedicated firewall and can be accepted, dropped, rejected and forwarded in the same way as in the standard firewall.

Configuration

1. Enable the advanced firewall via the **Licences - Enable** page.
2. Go to the **Network - Connectors** page and hit **Add**.
3. Choose **Ethernet Additional IP** from the dropdown menu.
4. Select the physical interface you would like to associate the new address with.
5. Enter a name for the new network profile which will be created. This will be used as a label to refer to the new IP address on the firewall pages so it is best to choose a name which is concise and meaningful.
6. Enter the new IP address, netmask and trust group. Default values for netmask and trust group are taken from profile attached to the physical interface. These can be changed if necessary.
7. Hit **OK**.
8. Under the **Firewall** section of the **Connectors** page for the additional IP address, hit **Edit**. A new, empty firewall will be created, which will apply to this additional IP address only. Any services you wish to run on this address will need to be added to the new firewall.
9. To forward packets to a device on the internal LAN:-
 - a. Create a port forwarding target via **Firewall->Port forward targets** for the service you wish to forward.
 - b. Follow the instructions in (8) for adding the external service to the firewall.
 - c. Configure the external service to use the newly created port forwarding target using the dropdown menu next to the service.
 - d. Repeat for as many services as you would like to forward.

Notes

The Firewall Edit button on the **Network – Connectors** page for each additional IP address takes you to the firewall page for packets originating from the network profile trust group. For an additional IP address on a WAN interface, this will usually be *Internet*. For access to the full array of firewalls for an additional IP address, visit the **Firewall overview** page.