



Sharedband Bonded Broadband

Sharedband Power Router 2 Configuration Guide

Introduction

This document is to instruct you how to configure the Sharedband software on Sharedband Power Router 2.

Note: This guide assumes that the Router is not pre-configured.

Preparation

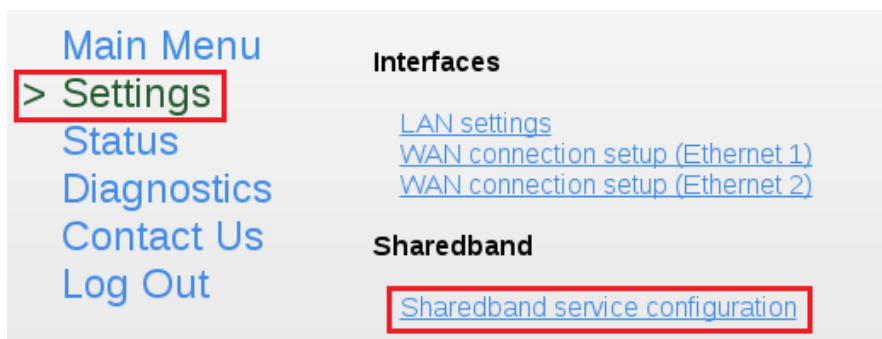
Make sure you have the Sharedband user details for the Community you wish to setup.

The Procedure

Do not skip any of the steps, as the configuration is not activated until 'Save and reboot' is selected at the end of the last step.

Step 1: Log onto the Web interface of the router (default address <http://192.168.3.17>). The default login is 'admin' and password 'Bonding123'.

Step 2: Click '**Settings**' > '**Sharedband Service Configuration**'.



Step 3: You should now be presented with a screen like this:

The screenshot shows the 'Sharedband Service Configuration' page. At the top left is the Sharedband logo with the tagline 'Faster Broadband Today'. The page title is 'Sharedband Service Configuration'. On the left is a navigation menu with links: 'Main Menu', '> Settings', 'Status', 'Diagnostics', 'Contact Us', and 'Log Out'. The main content area contains the following fields:

- Your Username:
- Your Password:
- Community ID number:
- Aggregation Server IP Address: . . .
- Ethernet 1 Node ID:
- Ethernet 2 Node ID:

At the bottom are two buttons: 'Save' and 'Save and reboot'. A copyright notice at the very bottom reads 'Copyright © 2008-2016 Sharedband Limited'.

The details required for this screen are those generated when creating the user on the Sharedband NOC. For a simple deployment with a single device, leave the '**Node ID**' values for the interfaces at the defaults of 1 and 2. If you have a deployment with two devices, the recommendation for maximum performance is to configure node IDs 1 and 3 on the first device, and 2 and 4 on the second device. For more complex setups please contact Sharedband support.

Once completed click '**Save**', and proceed to the next step.

Step 4: Verify the WAN configuration details for the connections that will be in use. Click '**Settings**', then work through both '**WAN connection setup (Ethernet X)**' screens. The screens will look like the following:

The screenshot shows the 'WAN Connection Setup (Ethernet X)' page. The title is 'WAN Connection Setup (Ethernet X)'. The page is divided into three sections:

- Interface State**
 - Interface Enabled:
- IP Addressing**
 - IP Addressing Mode:
 - IP Address: . . .
 - Subnet Mask:
 - Default Gateway: . . .
 - DNS Server: . . .
 - PPP Username:
 - PPP Password:
- Connection Mode**
 - WAN MTU:
 - Failover mode?:

At the bottom are two buttons: 'Save' and 'Save and reboot'.

For interfaces which will be in use, ensure '**Interface Enabled**' is set to '**Yes**'.

For many setups the default addressing mode of **'Dynamic IP (DHCP)'** will be suitable, but the device allows configuration of **'Static IP'** and **'PPPoE'** options if needed.

Once completed click **'Save'**, and proceed to the next step.

Step 5: You will need to change the LAN IP of the router, which you will find under **'Settings' > 'LAN settings'**. This is normally set to 192.168.3.1 for a simple deployment with a single device. For setups with multiple devices, the recommendation is to increment the last digit for each device, for example the second unit would have an address of 192.168.3.2.

LAN Settings

Router LAN IP Address	192	.	168	.	3	.	X
Subnet Mask	255.255.255.0						
Enable DHCP server?	Yes						
DHCP Address Range From	192	.	168	.	3	.	100
DHCP Address Range To	192	.	168	.	3	.	199
VRRP Gateway IP Address	192	.	168	.	3	.	250
VRRP Subnet Mask	255.255.255.0						

This is also where you can change the VRRP Address and Subnet for routed mode, this must be the same on all routers (for more information on routed mode, please contact support).

For the change to take effect, the router will need to be rebooted by clicking the **'Save and reboot'** button.