



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

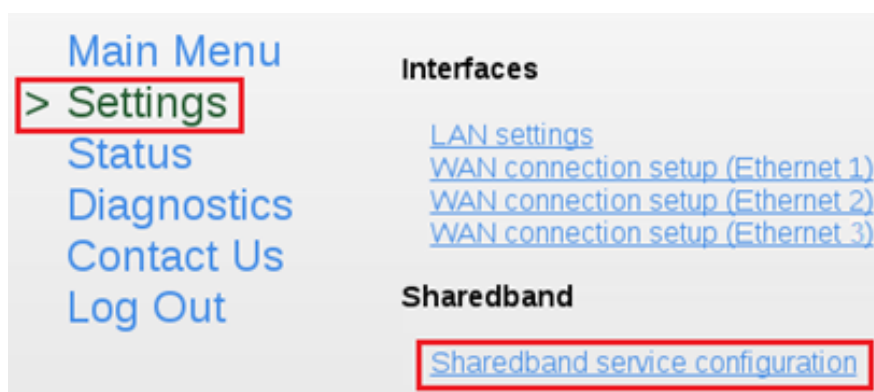
Make sure you have the Sharedband user details for the Community you wish to setup.

The Procedure

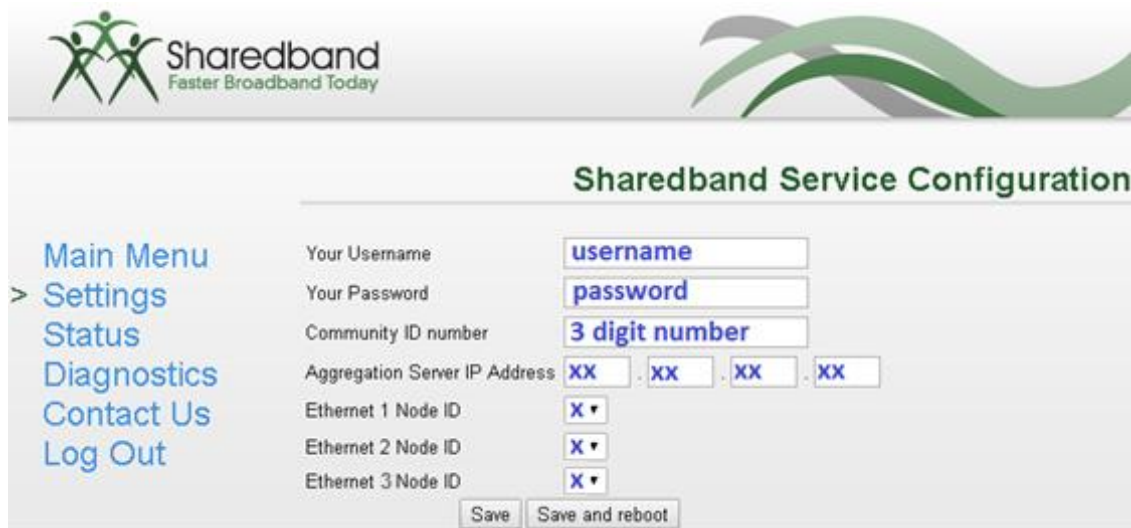
Do not skip any of the steps, as the configuration is not activated until 'Save and reboot' is selected at the end of the last step.

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:

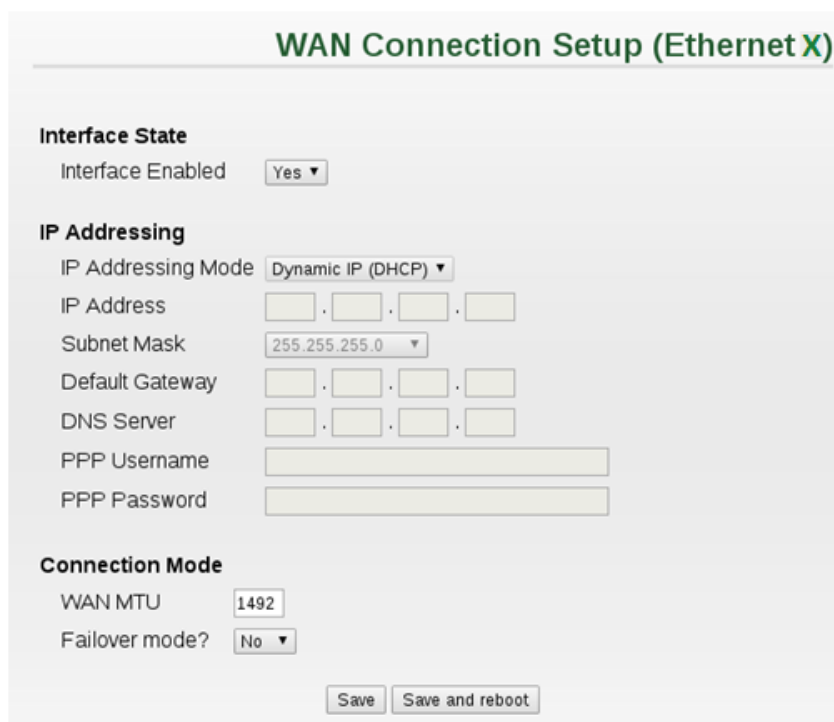


The screenshot shows the 'Sharedband Service Configuration' web page. At the top left is the Sharedband logo with the tagline 'Faster Broadband Today'. On the right is a decorative green wave graphic. The page title is 'Sharedband Service Configuration'. On the left side, there is a navigation menu with links: 'Main Menu', '> Settings', 'Status', 'Diagnostics', 'Contact Us', and 'Log Out'. The main content area contains several configuration fields: 'Your Username' (text input with 'username'), 'Your Password' (text input with 'password'), 'Community ID number' (text input with '3 digit number'), 'Aggregation Server IP Address' (four text inputs each with 'XX'), 'Ethernet 1 Node ID' (dropdown menu with 'X'), 'Ethernet 2 Node ID' (dropdown menu with 'X'), and 'Ethernet 3 Node ID' (dropdown menu with 'X'). At the bottom of the form are two buttons: 'Save' and 'Save and reboot'.

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, 2 and 3. If you have a deployment with two devices, the recommendation for maximum performance is to configure node IDs 1 ,3 and 5 on the first device, and 2, 4 and 6 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 all **'WAN connection setup (Ethernet X)'** screens. The screens will look like the following:



The screenshot shows the 'WAN Connection Setup (Ethernet X)' web page. The title is 'WAN Connection Setup (Ethernet X)'. The page is divided into three sections: 'Interface State', 'IP Addressing', and 'Connection Mode'. Under 'Interface State', there is a label 'Interface Enabled' and a dropdown menu set to 'Yes'. Under 'IP Addressing', there is a label 'IP Addressing Mode' and a dropdown menu set to 'Dynamic IP (DHCP)'. Below this are text input fields for 'IP Address', 'Subnet Mask' (with a dropdown menu set to '255.255.255.0'), 'Default Gateway', and 'DNS Server'. There are also text input fields for 'PPP Username' and 'PPP Password'. Under 'Connection Mode', there is a label 'WAN MTU' and a text input field set to '1492', and a label 'Failover mode?' and a dropdown menu set to 'No'. At the bottom of the form 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.