

How to configure a dual-WAN router with two fiber optic connections



Article Overview

To set up a dual-WAN fiber optic router, connect each ISP's fiber line via an ONT to separate WAN ports, then configure the router for failover or load balancing through its web interface.

Step 1: Prepare Your Equipment

- Fiber optic modem/ONT: Each fiber connection requires an Optical Network Terminal (ONT) provided by your ISP .
- Dual-WAN router: Ensure your router supports dual-WAN functionality and fiber input (SFP or WAN port labeled for fiber), .
- Cables: Use fiber optic cables (SC/APC or SC/UPC) to connect the wall outlet to the ONT, and Ethernet cables to connect the ONT to the router .
- Firmware: Update your router to the latest firmware to ensure dual-WAN features are available .

Step 2: Connect Fiber Optic Lines

- Plug the fiber optic cable from the wall outlet into the ONT.
- Power on the ONT and wait for the status lights to stabilize (usually 2-5 minutes), .
- Connect an Ethernet cable from the ONT's LAN/Ethernet port to the router's WAN port. Repeat for the second fiber connection using the secondary WAN port .

Step 3: Configure Dual-WAN on the Router

Article Content

UniFi Dual WAN Setup: Step-by-Step Guide for Load Balancing

When designing your Dual WAN strategy, choosing between failover and load balancing depends on your connection types, budget,

Mikrotik Dual WAN Load Balancing Guide

Mikrotik Dual WAN Load Balancing Guide This document provides instructions for setting up load balancing and failover between two

How to configure pfSense as multi wan (DUAL WAN) load balance

Author: Vivek Gite Last updated: July 15, 2021 32 comments How do I setup a multi-WAN load balancing and failover on pfSense

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.yachtchartercapetown.co.za>

Email: info@yachtchartercapetown.co.za

Phone: +27 21 863 4927

Address: 1st Floor, The Towers, 1 St George's Mall, Cape Town, 8001, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

