

Template:Netoworking rutos configuration example lan as wan

The information in this page is updated in accordance with firmware version .



Contents

- [1 Introduction](#)
- [2 Setting up second WAN interface](#)
 - [2.1 Creating additional VLAN](#)
 - [2.2 Add new WAN interface](#)
 - [2.3 Set/Check Firewall](#)
- [3 Check new WAN interface](#)

Introduction

This article contains instructions on how to set up {{{name}}} LAN port as WAN if you have a need for multiple wired WAN connections.

If you're having trouble finding this page or some of the parameters described here on your device's WebUI, you should **turn on "Advanced WebUI" mode**. You can do that by clicking the "Advanced" button, located at the top of the WebUI.



Setting up second WAN interface

To change LAN port purpose to WAN you will have to perform changes in 3 different locations of {{{name}}} WebUI

Creating additional VLAN

Go to **Network > VLAN** section in device WebUI and perform following actions:

1. Create new **VLAN ID** by clicking **ADD** button.
2. On VLAN ID: 1 (LAN interface), select **Off** from drop-down list, on port that you want to use as secondary WAN.
3. On newly created VLAN ID (3 in this example), from drop-down list, select **Untagged**, on same port.
4. After performing these actions press **Save & Apply** in VLAN settings.



Add new WAN interface

Go to **Network > Interfaces** WebUI section.

1. Enter new **Interface Name**.
2. Click on **Add** button.



After doing that you will be redirected to new window to set up new interface, when there:

1. Choose **DHCP** Protocol from drop-down list.
2. Press on **Switch Protocol**.



After switching protocol More setting options will appear.

1. Go to **Physical Settings**.
2. From drop-down list choose previously created VLAN interface (in this example it is eth0.3)
3. Press **Apply & Save**.



Set/Check Firewall

Go to **Network > Firewall > General Settings** WebUI section. Click on Edit button on WAN zone.




In WAN zone settings

1. Make sure that yours newly created interface is selected in Covered networks list.
2. Click Save & Apply.



Check new WAN interface

Insert WAN cable in selected port, go to **Network > Interfaces** WebUI section and if you followed steps correctly yours newly created WAN interface should be running and have an IP. 

[[Category: {{{name}}} Configuration Examples]]