

# Template:Netoworking rutos configuration example lan as wan

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

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## 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.

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## 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

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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

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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

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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]]