VLAN Set Up Test

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The information in this page is updated in accordance with firmware version **00.07.09.01**.

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Introduction

This article contains instructions o how to set up VLAN using a Teltonika-Networks device. Following this example, you will be able to create two different networks (network interfaces) and limit speed on one of the interfaces (or both of them).

For this example, I will be using the RUTX14 device.

If you're having trouble finding any 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 which is located at the top-right corner of the WebUI.

Creating VLAN

To create a VLAN follow all the steps below:

Access your device WebUI by typing your Routers Private or Public IP in your browser (my router has private IP 192.168.1.1) Next, navigate to **Network** \rightarrow **Vlan** \rightarrow **Port Based**

```
• Now you'll need to add a new
VLAN and change the first VLAN
(ID:1) configuration.

1. Press 

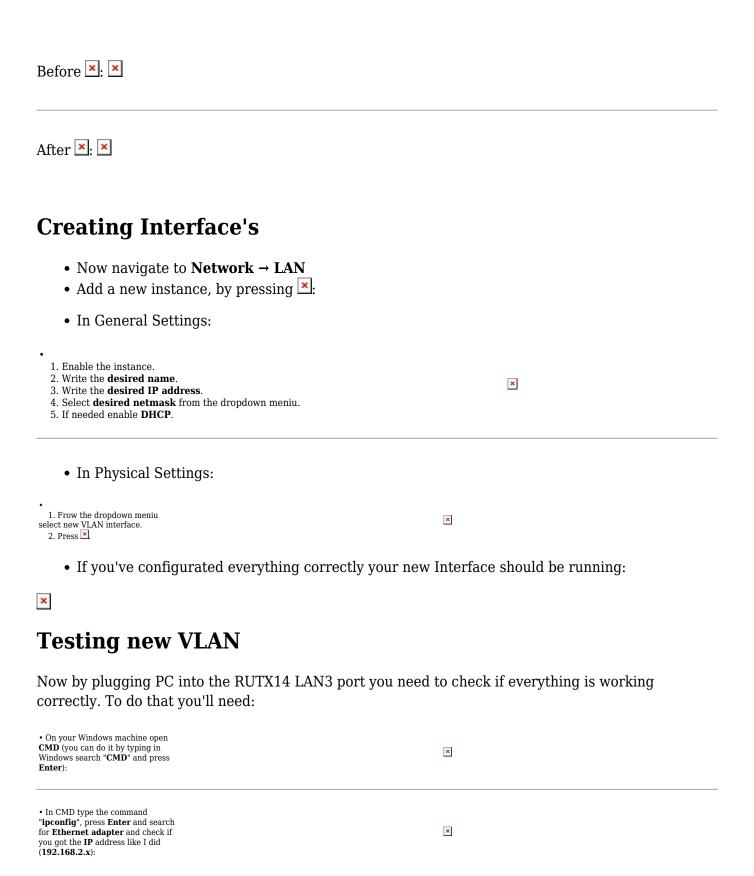
2. Choose which port you will use
and turn that port Off in VLAN
(ID:1). In this example, lan3 port
was chosen.

3. Turn on the selected LAN port
in the new VLAN by selecting
untagged from the dropdown
meniu.

4. Press 

4
```

Note some of the devices when navigated to **Network** \rightarrow **Vlan** \rightarrow **Port Based** will not have any VLANs and only two will appear once $\stackrel{\square}{\longrightarrow}$ were pressed. In this situation your new VLAN will have ID **2**.



Setting up data limit on the interface

This step is optional, complete this if you need to limit internet data on one of your interfaces (or both).

You'll need to create a **QoS** configuration, for this you'll need to download the **QoS** package in **Services** → **Package Manager** → **Packages** and limit the internet speed for an interface that you want to be limited.

Note: If you set \mathbf{QoS} for the \mathbf{LAN} interface, the direction logic is naturally inverted. Egress means "from router towards \mathbf{LAN} " = in practice "download from \mathbf{WAN} forwarded to \mathbf{LAN} ".

For more detailed information about how to configure QoS and how it works, you can read it here.