# RUT900 VRRP (legacy WebUI)



The information in this page is updated in accordance with firmware version **RUT9XX_R_00.06.09.5**.

***Note**: this user manual page is for RUT900's old WebUI style available in earlier FW versions. **Click here** for information based on the latest FW version.*

□

## Contents


- 1 Summary
- 2 VRRP configuration
- 3 See also


## Summary

The **Virtual Router Redundancy Protocol** (**VRRP**) is a computer networking protocol used for automatic default gateway selection for clients on a LAN network in case the main router (Master) becomes unavailable. Another VRRP router (Backup) then assumes the role of Master and thus backing up the connection.

This chapter of the user manual provides an overview of the VRRP page for RUT900 devices.

## VRRP configuration

The **VRRP LAN configuration settings** section is used to set the main settings of VRRP. Refer to the figure and table below for information on the fields contained in that section.

| Field | Value | Description |
|---|---|---|
| Enable | yes \| no; default: **no** | Turns VRRP on or off. |
| Virtualize MAC | yes \| no; default: **none** | Turns the possibility to use virtual MAC addresses on or off. |
| Virtual ID | integer [1..255]; default: **1** | The Virtual Router Identifier (VRID) is a field in the VRRP packet IP header used to identify the virtual router in the VRRP cluster. Routers with identical IDs will be grouped in the same VRRP cluster. |

| | | |
|---|---|---|
| Priority | integer [1..255]; default: **100** | VRRP priority of the virtual router. Higher values equal higher priority. The router with the highest priority is considered to be the *Master router* while other routers are *Backup routers*.<br>sends periodic VRRP Advertisement messages<br>• **Master router** - the first hop router in the VRRP cluster (i.e., the router that provides connectivity to LAN devices by default).<br>• **Backup router** - assumes the role of Master router in case it becomes unavailable. If there multiple Backup routers in the VRRP cluster, the one with the highest priority will assume the role of Master. |
| Advertisement Interval | integer [1..255]; default: **1** | Time interval in seconds between advertisements |
| Interface | network interface; default: **LAN** | Selects which interface VRRP will operate on. |
| IP address | ip; default: **none** | Virtual IP address for the router's VRRP cluster. |

## See also

- VRRP configuration example