

# RUT142 VRF

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The information in this page is updated in accordance with firmware version [RUT14X\\_R\\_00.07.07.3](#).

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## Summary

Virtual routing and forwarding (VRF) is a technology included in Internet Protocol (IP) network routers that enables multiple instances of a routing table to exist in a virtual router and work simultaneously. This functionality increases connectivity by enabling network paths to be segmented without using multiple devices. VRF acts as a logical router. But, while a logical router may include many routing tables, a VRF instance uses only a single VRF table.

**Note:** Internet status is additional software that can be installed from the **System** → [Package Manager](#) page.

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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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## VRF

The **VRF** page is used to set up VRF instances.

To add a new instance - enter 'VRF name' below to the **Add New Instance** section and click 'Add' button:

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After clicking 'Add' you will be redirected to the newly added VRF instance configuration page.

## VRF configuration

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<b>Field</b>	<b>Value</b>	<b>Description</b>
Enable	off   on; default: <b>off</b>	Turns VRF instance on or off.
Table	integer [1..253 - 255..4294967295]; default: <b>none</b>	Unique routing table. 253-255 range is reserved for the default routing tables.
Link	physical interface; default: <b>none</b>	Devices which will be used for routing and forwarding.