RUT300 IGMP Proxy

The information in this page is updated in accordance with firmware version **RUT30X_R_00.07.07.1**.

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Summary

IGMPproxy is a simple dynamic Multicast Routing Daemon using only IGMP signalling (Internet Group Management Protocol). IGMP proxy enables the device to issue IGMP host messages on behalf of hosts that the device discovered through standard IGMP interfaces. The device acts as a proxy for its hosts.

Routing is done by defining an "upstream" interface on which the daemon act as a normal Multicast client, and one or more "downstream" interfaces that serves clients on the destination networks.

This chapter of the user manual provides an overview of the IGMP Proxy page in RUT300 devices.

Note: IGMP Proxy is additional software that can be installed from the **System → Package Manager** page.

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.

General Settings

Field	Value	Description
Enable	off | on; default: **off**	Enables the IGMP Proxy service.

Quickleave off | on; default: **on**	If enabled, the daemon will send a Leave IGMP message upstream as soon as it receives a Leave message for any downstream interface.

Routing Interfaces

By default, there are no routing interfaces configured. To create one, press **Add**.

Routing Interface Configuration

This section is used to configure the create routing interface.

Field	Value	Description
Direction	Upstream | Downstream; default: **Upstream**	Interface is called "upstream" if it's in the direction of the root of the multicast tree. An IGMP forwarding router must have exactly one upstream interface configured..
Interface	network interface; default: **lan**	The name of the interface the settings are for.
Firewall	firewall zone; default: **lan**	Name of a firewall zone this interface belongs to.
Networks	ip/netmask; default: **none**	A list of CIDR-masked Network entries to control what subnets are allowed to have their multicast data proxied. Multiple subnets can be configured or 0.0.0.0/0 specified to allow any network. Option can be omitted entirely to only allow same network as configured on interface.