RUT300 DNS

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

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Summary

The **DNS** page is used to to set up how the device utilizes its own and other DNS servers.

This manual page provides an overview of the DNS windows in RUT300 devices.

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

The **General Settings** section is used to set up the main DNS parameters. Refer to the table below for information on each configuration field.

Field	Value	Description
Log queries	off | on; default: **off**	When enabled, write received DNS requests to syslog.
DNS forwardings	string; default: **none**	List of DNS servers to forward requests to.
Rebind protection	off | on; default: **on**	Discards upstream RFC1918 responses. When enabled, the device will not resolve domain names for internal hosts.
Local Service Only	off | on; default: **off**	Limit DNS service to subnets and interfaces on which this device is serving as a DNS server.
Listen Interfaces	network interface(s); default: **none**	Limits listening for DNS queries to interfaces specified in this field and loopback. Leave empty to listen on all interfaces.

Exclude Interfaces	network interface(s); default: **none**	Prevents listening for DNS queries on interfaces specified in this field. Leave empty to listen on all interfaces.

Advanced Settings

The **Advanced Settings** section is used to set up some of the more specific DNS parameters. Refer to the table below for information on each configuration field.

Field	Value	Description
Filter private	off | on; default: **on**	Do not forward reverse lookups for local networks.
Localise queries	off | on; default: **on**	Localise hostname depending on the requesting subnet if multiple IPs are available.
Additional servers file	text file; default: **none**	Uploads an additional DNS servers file. This file may contain lines like 'server=/domain/1.2.3.4' or 'server=1.2.3.4' for domain-specific or full upstream DNS servers.
Size of DNS query cache	integer [0..10000]; default: **none**	Number of cached DNS entries. Set to 0 for no caching.