# RUTXR1 Email Relay



The information in this page is updated in accordance with firmware version **RUTX_R_00.07.07.1**.

☐

## Contents


- 1 Summary
- 2 Email Relay Configuration
- 3 Server
- 4 Proxy
- 5 Command line


## Summary

**Email Relay** is an e-mail store-and-forward message transfer agent and proxy server. The service does three things:

- Stores any incoming e-mail messages that it receives
- Forwards e-mail messages on to another remote e-mail server
- Serves up stored e-mail messages to local e-mail reader programs

More technically, it acts as a SMTP storage daemon, a SMTP forwarding agent, and a POP3 server.

---

This manual page provides an overview of the Email Relay functionality in RUTXR1 devices.

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

## Email Relay Configuration

This section displays Email Relays that are currently configured on the router. By default the list is empty. To add a new email relay, enter instance name, choose service mode and press 'Add'.

## Server

| Field | Value | Description |
|---|---|---|

| | | |
|---|---|---|
| Enable | off \| on; default: **off** | Enables this email relay instance. |
| Mode | Server \| Proxy \| Command line; default: **Server** | Instance mode. |
| SMTP port | integer [1..65535]; default: **none** | SMTP Port to listen incoming connections. |
| POP port | integer [1..65535]; default: **none** | POP Port to listen incoming connections. |
| Remote clients | off \| on; default: **off** | To allow connections from anywhere. By default only local allowed. |
| Address verifier | string; default: **none** | Runs the specified external program to verify a message recipient's e-mail address. |
| Domain | domain name; default: **none** | Specifies the network name that is used in SMTP EHLO. The default is derived from a DNS lookup of the local hostname. |
| Anonymous | off \| on; default: **off** | Disables the server's SMTP VRFY command. |
| Server TLS | off \| on; default: **off** | Enables TLS for incoming SMTP and POP connections. |
| TLS certificate | .pem certificate; default: **none** | Specifies a PEM-format file containing a X.509 certificate and private key. |
| SMTP authentication | off \| on; default: **off** | Enables SMTP server authentication of remote SMTP clients. |
| SMTP Username | string; default: **none** | Username for authentication with the SMTP server. |
| SMTP Password | string; default: **none** | Password for authentication with the SMTP server. |
| POP Username | string; default: **none** | Username for authentication with the POP server. |
| POP Password | string; default: **none** | Password for authentication with the POP server. |

# Proxy

| Field | Value | Description |
|---|---|---|
| Enable | off \| on; default: **off** | Enables this email relay instance. |
| Mode | Server \| Proxy \| Command line; default: **Server** | Instance mode. |
| SMTP port | integer [1..65535]; default: **none** | SMTP Port to listen incoming connections. |
| Remote clients | off \| on; default: **off** | To allow connections from anywhere. By default only local allowed. |
| Address verifier | string; default: **none** | Runs the specified external program to verify a message recipient's e-mail address. |
| Domain | domain name; default: **none** | Specifies the network name that is used in SMTP EHLO. The default is derived from a DNS lookup of the local hostname. |
| Anonymous | off \| on; default: **off** | Disables the server's SMTP VRFY command. |
| Server TLS | off \| on; default: **off** | Enables TLS for incoming SMTP and POP connections. |

| | | |
|---|---|---|
| TLS certificate | .pem certificate; default: **none** | Specifies a PEM-format file containing a X.509 certificate and private key. |
| SMTP authentication | off \| on; default: **off** | Enables SMTP server authentication of remote SMTP clients. |
| SMTP Username | string; default: **none** | Username for authentication with the SMTP server. |
| SMTP Password | string; default: **none** | Password for authentication with the SMTP server. |
| Smarthost | ip:port \| domain name:port; default: **none** | Specify the SMTP to forward emails. |
| Client TLS | off \| on; default: **off** | Enables negotiated TLS for outgoing SMTP connections. |
| Client authentication | off \| on; default: **off** | Enables SMTP client authentication with the remote server. |
| Username | string; default: **none** | Username for authentication with the remote server. |
| Password | string; default: **none** | Password for authentication with the remote server. |

# Command line

| Field | Value | Description |
|---|---|---|
| Enable | off \| on; default: **off** | Enables this email relay instance. |
| Extra command line | string; default: **none** | Extra command line options. |